Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 8, 2012	Completed by: B. Kroon

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0442

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
12C0442	WQ	TB31212-01	12C0442-01	3/12/2012		
12C0442	WG	MW-30C-March-2012	12C0442-02	3/12/2012		
12C0442	WG	MW-30D-March-2012	12C0442-03	3/12/2012		
12C0442	WG	MW-47C-March-2012	12C0442-04	3/13/2012		
12C0442	WG	MW-48C-March-2012	12C0442-05	3/13/2012		
12C0442	WG	MW-32C-March-2012	12C0442-06	3/13/2012		
12C0442	WG	MW-32C-March-20121	12C0442-07	3/13/2012		
12C0442	WG	MW-45D-March-2012	12C0442-08	3/13/12		
12C0442	WG	MW-37D-March-2012	12C0442-09	3/14/2012		
12C0442	WG	MW-37C-March-2012 MS/MSD	12C0442-10	3/14/2012	MS/MSD	MW-37C-March-2012
12C0442	WG	MW-28D-March-2012	12C0442-13	3/14/2012		
12C0442	WG	MW-28C-March-2012	12C0442-14	3/14/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – MS/MSD and field duplicate included in this SDG. (MW-32C-March-20121 is field duplicate of MW-32C-March-2012). Trip blank included in this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 8, 2012	Completed by: B. Kroon

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No sample results are qualified.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No – Several compounds were out of QC criteria, sample MW-37C-March-2012 is qualified as noted on Table 4.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Several compounds were out of QC criteria, data is qualified as noted on Table 5.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes
Is continuing calibration for target compounds < 20.5%D.	No – tert-Butyl Alcohol, Chloromethane, Dichlorodifluoromethane, 1,4-Dioxane, and Naphthalene had %D >20.5, results are qualified "J" as estimated in all samples.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions, is only one reportable result by flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 8, 2012	Completed by: B. Kroon

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV %D, MS/MSD recovery, and LCS recovery and RPD.

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 8, 2012	Completed by: B. Kroon

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048211-MS1	Bromomethane	SW8260	57.4	70	130	1	J/UJ
B048211-MS1	Tetrachloroethylene	SW8260	207	70	130	1	J hits only
B048211-MS1	Trichloroethylene	SW8260	137	70	130	1	J hits only
B048211-MSD1	Trans-1,3-Dichloropropene	SW8260	131	70	130	1	J hits only
B048211-MSD1	1,4-Dioxane	SW8260	136	70	130	1	J hits only
B048211-MSD1	Tetrachloroethylene	SW8260	146	70	130	1	J hits only
B048211-MSD1	Trichloroethylene	SW8260	142	70	130	1	J hits only

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048211-BS1	Bromomethane	SW8260	30.6	40	160	12	J/UJ
B048211-BS1	1,4-Dioxane	SW8260	131	40	130	0	J hits only
B048211-BSD1	1,4-Dioxane	SW8260	132	40	130	0	J hits only

Sample ID	Analyte	Method	RPD	RPD Limit	No. of Affected Samples	Samp Qual
B048211-BSD1	Bromomethane	SW8260	35.7	25	12	J/UJ
B048211-BSD1	Tetrahydrofuran	SW8260	25.3	25	12	J/UJ

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results

Analyte	Unit	PQL	MW-32C-March-2012	MW-32C-March-2012 1	RPD	RPD Rating	Qualifier
1,2-Dichlorobenzene	ug/L	0.06	2.3	2.1	9.1	Good	None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group

TIC = tentatively identified compound
VOC = volatile organic compound

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0539

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
12C0539	WQ	TB31512-02	12C0539-01	3/15/2012		
12C0539	WG	PW-1-CH0-March 2012	12C0539-02	3/15/2012		
12C0539	WG	PW-1-CH6-March 2012	12C0539-03	3/15/2012		
12C0539	WG	PW-3-CH2-March 2012	12C0539-04	3/15/2012		
12C0539	WG	PW-3-CH0-March 2012	12C0539-05	3/15/2012		
12C0539	WG	PW-3-CH5-March 2012	12C0539-06	3/15/2012		
12C0539	WG	PW-4-CH5-March 2012	12C0539-07	3/15/2012		
12C0539	WG	PW-4-CH0-March 2012	12C0539-08	3/15/2012		
12C0539	WG	PW6-CH5-March 2012	12C0539-09	3/15/2012		
12C0539	WG	PW-6-CH3-March 2012	12C0539-10	3/15/2012		
12C0539	WG	PW-6-CH0-March 2012	12C0539-11	3/15/2012		
12C0539	WG	PW-6-CH4-March 2012	12C0539-12	3/15/2012		
12C0539	WG	PW-9-CH4-March 2012	12C0539-13	3/15/2012		
12C0539	WG	PW-9-CH01-March 2012	12C0539-14	3/15/2012		PW-9-CH1-March 2012
12C0539	WG	EPA-MW4A-March 2012	12C0539-15	3/16/2012		
12C0539	WG	EPA-MW-5A-March 2012	12C0539-16	3/16/2012		EPA-MW5A-March 2012
12C0539	WG	EPA-MW5B-March 2012	12C0539-17	3/16/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only	Yes – Trip blank included in this SDG, no field duplicate or MS/MSD included in this SDG, project QC is correct.

Equipment Blank - 1/ set of samples per day?	
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	N/A – no MS/MSD submitted for this SDG.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Several compounds were out of QC criteria, all recoveries were high only detections are qualified "J" as estimated, samples are qualified as noted on Table 5.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Is continuing calibration for target compounds < 20.5%D.	No – Bromomethane, 1,4-Dioxane, Naphthalene, and 1,2,3-Trichlorobenzene were >25% D for batch B048283 associated samples with this batch are qualified "J" as estimated for these compounds. Bromoform, Bromomethane, tert-Butyl Alcohol, Carbon Disulfide, Chloromethane, trans-1,4-Dichloro-2-butene, and Dichlorodifluoromethane were >25% D for Batch B048557, associated sample in this batch is qualified "J" as estimated for these compounds.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV recovery, and LCS recovery

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048283-BSD1	Bromoform	SW8260	138	70	130	0	None
B048283-BSD1	Trans-1,3-Dichloropropene	SW8260	141	70	130	0	None
B048283-BSD1	Tetrachloroethylene	SW8260	133	70	130	10	J hits only
B048557-BS1	Dichlorodifluoromethane	SW8260	184	40	160	0	None
B048557-BSD1	Dichlorodifluoromethane	SW8260	167	40	160	0	None

Sample ID	Analyte	Method	RPD	RPD Limit	No. of Affected Samples	Sample Qualifier
B048283-BSD1	Bromomethane	SW8260	37.5	25	16	J/UJ

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

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- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0572

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
12C0572	WG	MW-27-March 2012	12C0572-01	3/19/2012		MW-27C-March 2012
12C0572	WQ	TB31912-03	12C0572-02	3/19/2012		
12C0572	WG	PW-8-CH4-March 2012	12C0572-03	3/19/2012	MS/MSD	
12C0572	WG	PW-8-CH0-March 2012	12C0572-04	3/19/2012		
12C0572	WG	PW-8-CH0-March-2012 2	12C0572-05	3/19/2012		PW-9-CH0-March 2012 2
12C0572	WG	PW-11-CH4-March-2012	12C0572-06	3/19/2012		PW-11-CH4-March 2012
12C0572	WG	PW-11-CH0-March-2012	12C0572-07	3/19/2012		PW-11-CH0-March 2012
12C0572	WG	P2-14-March-2012	12C0572-08	3/19/2012		PZ-14-March 2012
12C0572	WQ	RB-12319	12C0572-09	3/19/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – MS/MSD and field duplicate included in this SDG. (PW-8-CH0-March 2012 2 is field duplicate of PW-8-CH0-March 2012). Rinsate blank RB-12319 included in this SDG applies to all MW samples collected on and prior to 3/19/2012. Trip blank TB31912-03 included in this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	None
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No – Several compounds were out of QC criteria, sample PW-8-CH4-March 2012 is qualified as noted on Table 4.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Dichlorodifluoromethane was recovered high, no detections in associated samples, no qualification of the data is necessary.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes
Is continuing calibration for target compounds < 20.5%D.	No – Bromoform, Bromomethane, tert-Butyl Alcohol, Carbon Disulfide, Chloromethane, trans-1,4-Dichloro-2-Butene, and Dichlorodifluoromethane had %D >20.5, results for batch B048557 qualified "J" as estimated for these compounds.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

Metals by ICP and Mercury by CVAA	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	No results qualified.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount. All N flagged data for MS are flagged J as estimated.	Yes
Were elements recovered ≤30%? If so, "R" flag associated NDs on Form 1's.	No
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Is there one serial dilution per 20 samples? Flag all data reported with an "E" as "J".	NA
Spot check ICS recoveries 80-120%. Contact lab.	All are acceptable.
Spot check ICV 95-105%. Contact lab.	All are acceptable.
Spot check CCV 90-110% or 80-120% for Hg. Contact lab.	All are acceptable.
Do field duplicate results show good precision for all compounds (see Table 7)?	NA- No metals detected in parent or field duplicate sample.

General Analytical Methods	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	No results qualified.
Is laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	Yes
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes – Multiple samples were diluted due to high concentration of target analytes, analytes are reportable as noted on Table 6.
Do field duplicate results show good precision for all compounds (see Table 7)?	Yes

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV %D, MS/MSD Recovery

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048557-MS1	Chloromethane	SW8260	142	70	130	1	None
B048557-MS1	Dichlorodifluoromethane	SW8260	185	70	130	1	None
B048557-MSD1	Chloromethane	SW8260	147	70	130	1	None
B048557-MSD1	Trans-1,4-Dichloro-2-butene	SW8260	64.0	70	130	1	UJ
B048557-MSD1	Dichlorodifluoromethane	SW8260	178	70	130	1	None

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048557-BS1	Dichlorodifluoromethane	SW8260	184	40	160	0	None
B048557-BSD1	Dichlorodifluoromethane	SW8260	167	40	160	0	None

Table 6 –Samples that were Reanalyzed

Sample ID	Laboratory ID	Method	Reportable
PW-8-CH0-March 2012 2	12C0572-05	D-516-90	Reportable for dilution result only
PW-8-CH4-March 2012	12C0572-03	SM3500-FE-D	Reportable for dilution result only

Table 7 – Summary of Field Duplicate Results

Analyte	Unit	PQL	PW-8-CH0-MARCH 2012	PW-8-CH0-MARCH 2012 2	RPD	RPD Rating	Qualifier
CIS-1,20DICHLOROETHYLENE	ug/L	0.05	3.4	3.6	5.7	Good	None
TETRACHLOROETHYLENE	ug/L	0.14	18	18	0.0	Good	None
TRICHLOROETHYLENE	ug/L	0.12	3.1	3.3	6.2	Good	None
NITROGEN, NITRATE (AS N)	mg/L	0.036	2.6	2.6	0.0	Good	None
SULFATE (AS SO4)	mg/L	1.4	40	30	28.6	Good	None
TOTAL ORGANIC CARBON	mg/L	0.57	1.2	1.1	8.7	Good	None

Acronym List and Table Key:

A = original analyte
ASP = Analytical Services Protocol
COC = chain of custody
DUSR = data usability summary report
GC/MS = gas chromatography / mass spectrometry
LCS = laboratory control sample
MBLK = method blank
MS = matrix spike
MSD = matrix spike duplicate
NC = not calculated
ND = not detected
NYSDEC = New York State Department of Environmental Conservation
PQL = practical quantitation limit
QA = quality assurance

QAPP = quality assurance project plan
QC = quality control
RPD = relative percent difference
SDG = sample delivery group
TIC = tentatively identified compound
VOC = volatile organic compound

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 14, 2012	Completed by: B. Kroon

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0620

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/ MSD	ID Corrections
12C0620	WQ	TB32012-04	12C0620-01	3/20/2012		
12C0620	WG	MW-31D-March 2012	12C0620-02	3/20/2012		
12C0620	WG	MW-31C-March 2012	12C0620-03	3/20/2012		
12C0620	WG	MW-31B-March 2012	12C0620-04	3/20/2012		
12C0620	WG	MW-46D-March 2012	12C0620-05	3/20/2012		
12C0620	WG	MW-46C-March 2012	12C0620-06	3/20/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blank included in this SDG, no MS/MSD or field duplicate included in this SDG however project QC goals have been met. Laboratory used several samples as batch QC MS/MSD for general chemistry parameters.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)

- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	N/A
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No Dichlorodifluoromethane was out of QC criteria, recovery was high, only detections of this compound in associated samples qualified as estimated "J".
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes
Is continuing calibration for target compounds < 20.5%D.	No – Bromoform, Bromomethane, Carbon Disulfide, Chloromethane, Dichlorodifluoromethane, and trans-1,4-Dichloro-2-butene had %D >20.5, results for samples in batch B048557 qualified "J" as estimated.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 14, 2012	Completed by: B. Kroon

Metals by ICP and Mercury by CVAA	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No.
For samples, if results are <5 times the blank then "U" flag data.	Samples are flagged U as noted on Table 2a for method blanks and Table 2b for field blanks.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount. All N flagged data for MS are flagged J as estimated.	NA
Were elements recovered ≤30%? If so, "R" flag associated NDs on Form 1's.	No
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Is there one serial dilution per 20 samples? Flag all data reported with an "E" as "J".	NA
Spot check ICS recoveries 80-120%. Contact lab.	All are acceptable.
Spot check ICV 95-105%. Contact lab.	All are acceptable.
Spot check CCV 90-110% or 80-120% for Hg. Contact lab.	All are acceptable.
Do field duplicate results show good precision for all compounds (see Table 7)?	NA

General Analytical Methods	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	None
Is laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	Yes
Do field duplicate results show good precision for all compounds (see Table 7)?	Yes – no detections in either duplicate or parent samples.

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV %D, and LCS Recovery.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048557-BS1	Dichlorodifluoromethane	SW8260	184	40	160	3	J flag hits
B048557-BSD1	Dichlorodifluoromethane	SW8260	167	40	160	3	J flag hits

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A = original analyte
ASP = Analytical Services Protocol

COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 15, 2012	Completed by: B. Kroon

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0706

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/ MSD	ID Corrections
12C0706	WQ	TB12321-04	12C0706-01	3/21/2012		
12C0706	WG	DEC-MW3-March 2012	12C0706-02	3/21/2012		
12C0706	WG	MW22A-March 2012	12C0706-03	3/21/2012		MW-22A-March 2012
12C0706	WQ	RB12321	12C0706-04	3/21/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blank included in this SDG. Equipment rinsate blank included in this SDG applies to samples collected on 3-20-2012 and 3-21-2012 for all parameters. No MS/MSD or field duplicate included in this SDG, project QC goals have been met. Laboratory used extra sample volume for batch MS/MSD for MNA parameters.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)

- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	None
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	NA
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Several compounds were out of QC criteria, all associated samples with batch B048653 are qualified as noted on Table 5.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes
Is continuing calibration for target compounds < 20.5%D.	No – Bromoform, Bromomethane, 1,4-Dioxane, 2-Hexanone, and Methylene Chloride had %D >20.5, results associated with batch B048653 qualified "J" as estimated.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 15, 2012	Completed by: B. Kroon

Metals by ICP and Mercury by CVAA	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No.
For samples, if results are <5 times the blank then "U" flag data.	No results qualified.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount. All N flagged data for MS are flagged J as estimated.	Yes
Were elements recovered ≤30%? If so, "R" flag associated NDs on Form 1's.	No
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Is there one serial dilution per 20 samples? Flag all data reported with an "E" as "J".	NA
Spot check ICS recoveries 80-120%. Contact lab.	All are acceptable.
Spot check ICV 95-105%. Contact lab.	All are acceptable.
Spot check CCV 90-110% or 80-120% for Hg. Contact lab.	All are acceptable.
Do field duplicate results show good precision for all compounds (see Table 7)?	NA

General Analytical Methods	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	None
Is laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	Yes
Do field duplicate results show good precision for all compounds (see Table 7)?	NA

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV %D, and LCS recovery.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048653-BS1	Trans-1,4-Dichloro-2-butene	SW8260	66.0	70	130	4	J/UJ
B048653-BS1	2-Hexanone	SW8260	20.5	70	160	4	J/UJ
B048653-BSD1	2-Hexanone	SW8260	47.0	70	160	4	J/UJ

Sample ID	Analyte	Method	RPD	RPD Limit	No. of Affected Samples	Sample Qualifier
B048653-BSD1	Tert-Butyl Alcohol	SW8260	38.5	25	4	J/UJ
B048653-BSD1	2-Hexanone	SW8260	78.6	25	4	J/UJ
B048653-BSD1	Naphthalene	SW8260	26.3	25	4	J/UJ
B048653-BSD1	Tetrahydrofuran	SW8260	29.5	25	4	J/UJ
B048653-BSD1	1,2,3-Trichlorobenzene	SW8260	25.2	25	4	J/UJ

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11H0217

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11H0217	GW	PW18-100	11H0217-05	08/03/2011		
11H0217	GW	PW18-125	11H0217-06	08/03/2011		
11H0217	GW	PW18-150	11H0217-07	08/04/2011		
11H0217	GW	PW18-175	11H0217-08	08/04/2011		
11H0217	GW	PW18-25	11H0217-02	08/02/2011		
11H0217	GW	PW18-50	11H0217-03	08/02/2011	MS/MSD	
11H0217	GW	PW18-75	11H0217-04	08/03/2011		
11H0217	DW	TB-08022011	11H0217-01	08/02/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – No field duplicate or equipment blank samples included with this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)

- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No – MS/MSD recoveries for several compounds were outside acceptance limits; results qualified as described in table 4 (none of those compounds were detected in associated samples).
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – LCS/LCSD recoveries for two compounds were outside acceptance limits; results qualified as described in Table 5 (none of those compounds were detected in associated samples).
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? If bias is described in case narrative but calibration data not provided, use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with UJ. CCV recoveries were below criteria, biased low, for four compounds; results are qualified J/UJ for detects/nondetects.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	Yes
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	N/A - No field duplicate samples were submitted with this SDG.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
The recoveries for several compounds in MS/MSD and two compounds for LCS/LCSD were outside acceptance limits. Continuing calibration and response factors were biased slightly low for a few compounds.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	PW18-50MS1	1,3,5-TRICHLOROBENZENE	0	10	61.3	1	70	130	J
8260C	PW18-50MS1	TRANS-1,4-DICHLORO-2-BUTENE	0	10	66.9	1	70	130	J
8260C	PW18-50MS1	1,2,4-TRICHLOROBENZENE	0	10	54	1	70	130	J
8260C	PW18-50MS1	BROMOMETHANE	0	10	55.2	1	70	130	J
8260C	PW18-50MS1	CHLOROMETHANE	0	10	67.3	1	70	130	J
8260C	PW18-50MS1	DICHLORODIFLUOROMETHANE	0	10	56	1	70	130	J
8260C	PW18-50MS1	HEXACHLOROBUTADIENE	0	10	53.7	1	70	130	J
8260C	PW18-50MS1	NAPHTHALENE	0	10	46.6	1	70	130	J
8260C	PW18-50MSD1	1,3,5-TRICHLOROBENZENE	0	10	58.4	1	70	130	J
8260C	PW18-50MSD1	TRANS-1,4-DICHLORO-2-BUTENE	0	10	65	1	70	130	J
8260C	PW18-50MSD1	1,2,4-TRICHLOROBENZENE	0	10	54.4	1	70	130	J
8260C	PW18-50MSD1	BROMOMETHANE	0	10	52.4	1	70	130	J
8260C	PW18-50MSD1	CHLOROMETHANE	0	10	62.9	1	70	130	J
8260C	PW18-50MSD1	DICHLORODIFLUOROMETHANE	0	10	63.7	1	70	130	J
8260C	PW18-50MSD1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0	10	131	1	70	130	J

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	PW18-50MSD1	HEXACHLOROBUTADIENE	0	10	54.4	1	70	130	J
8260C	PW18-50MSD1	NAPHTHALENE	0	10	56.7	1	70	130	J

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	B035049-BS1	TRANS-1,2-DICHLOROETHENE	0	10	131	1	70	130	J
8260C	B035049-BSD1	1,4-DIOXANE (P-DIOXANE)	0	10	135	1	40	130	J

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation

PQL = practical quantitation limit
QA = quality assurance
QAPP = quality assurance project plan
QC = quality control
RPD = relative percent difference
SDG = sample delivery group
TIC = tentatively identified compound
VOC = volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11H0373

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11H0373	GW	PW15-25	11H0373-02	08/08/2011		
11H0373	GW	PW15-50	11H0373-03	08/09/2011		
11H0373	GW	PW15-75	11H0373-04	08/09/2011	MS/MSD	
11H0373	DW	TB-08082011	11H0373-01	08/08/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – No field duplicate or equipment blank samples included with this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No – MS/MSD recoveries for several compounds were outside acceptance limits; results qualified as described in table 4. The trichloroethylene results were not qualified due to high initial sample concentration.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – LCS/LCSD recoveries for one compound was outside acceptance limits; results qualified as described in Table 5.
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? If bias is described in case narrative but calibration data not provided, use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with UJ. CCV recovery below criteria, biased low, for naphthalene; results are qualified J/UJ for detects/nondetects.
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	No
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	N/A - No field duplicate samples were submitted with this SDG.

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
The recoveries for several compounds in MS/MSD and one compound for LCS/LCSD were outside acceptance limits. Continuing calibration and response factors were biased for a few compounds.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	PW15-75MS1	CIS-1,3-DICHLOROPROPENE	0	10	68.6	1	70	130	J
8260C	PW15-75MS1	1,2,4-TRICHLOROBENZENE	0	10	64.8	1	70	130	J
8260C	PW15-75MS1	1,4-DIOXANE (P-DIOXANE)	0	100	151	1	70	130	J
8260C	PW15-75MS1	ETHYL TERT-BUTYL ETHER	0	10	61.6	1	70	130	J
8260C	PW15-75MS1	BROMOMETHANE	0	10	63.7	1	70	130	J
8260C	PW15-75MS1	CHLOROMETHANE	0	10	47.3	1	70	130	J
8260C	PW15-75MS1	VINYL CHLORIDE	0	10	58.9	1	70	130	J
8260C	PW15-75MS1	DICHLORODIFLUOROMETHANE	0	10	41	1	70	130	J
8260C	PW15-75MS1	TRICHLOROETHYLENE (TCE)	122	10	279	1	70	130	None
8260C	PW15-75MS1	1,2,3-TRICHLOROBENZENE	0	10	60.6	1	70	130	J
8260C	PW15-75MS1	NAPHTHALENE	0	10	64.8	1	70	130	J
8260C	PW15-75MSD1	1,4-DIOXANE (P-DIOXANE)	0	100	143	1	70	130	J
8260C	PW15-75MSD1	ETHYL TERT-BUTYL ETHER	0	10	68.2	1	70	130	J
8260C	PW15-75MSD1	CHLOROMETHANE	0	10	49.5	1	70	130	J
8260C	PW15-75MSD1	VINYL CHLORIDE	0	10	63.4	1	70	130	J

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	PW15-75MSD1	DICHLORODIFLUOROMETHANE	0	10	37.5	1	70	130	J
8260C	PW15-75MSD1	TRICHLOROETHYLENE (TCE)	122	10	145	1	70	130	None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	B035298-BS1	1,4-DIOXANE (P-DIOXANE)	0	10	160	1	40	130	J
8260C	B035298-BSD1	1,4-DIOXANE (P-DIOXANE)	0	10	163	1	40	130	J

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation

PQL = practical quantitation limit
QA = quality assurance
QAPP = quality assurance project plan
QC = quality control
RPD = relative percent difference
SDG = sample delivery group
TIC = tentatively identified compound
VOC = volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11H0581

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11H0581	GW	PW15-125	11H0581-02	08/10/2011		
11H0581	GW	PW15-150	11H0581-03	08/11/2011		
11H0581	GW	PW15-175	11H0581-04	08/11/2011		
11H0581	GW	PW15-200	11H0581-05	08/11/2011		
11H0581	GW	PW19-25	11H0581-06	08/12/2011		
11H0581	GW	PW19-50	11H0581-07	08/12/2011		
11H0581	DW	TB-08102011	11H0581-01	08/10/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – No field duplicate or equipment blank samples included with this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)

- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No MS/MSDs included with this SDG. Two LCS/LCSD analyses performed instead.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – LCS/LCSD recoveries for two compounds were outside acceptance limits; results qualified as described in Table 5.
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? If bias is described in case narrative but calibration data not provided, use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with UJ. CCV recovery below criteria, biased low, for 1,2,3-trichlorobenzene; results are qualified J/UJ for detects/nondetects.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	Yes. Two samples were diluted due to high concentrations of tetrahydrofuran, resulting in elevated detection limits.
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	N/A: No field duplicate samples were submitted with this SDG.

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
The recoveries for several compounds in MS/MSD and two compounds for LCS/LCSD were outside acceptance limits. Continuing calibration and response factors were biased for a few compounds.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	B035630-BS1	1,4-DIOXANE (P-DIOXANE)	0	100	167	1	40	130	J
8260C	B035630-BS1	ISOPROPYLBENZENE (CUMENE)	0	10	134	1	70	130	J
8260C	B035630-BSD1	1,4-DIOXANE (P-DIOXANE)	0	100	191	1	40	130	J
8260C	B035630-BSD1	ISOPROPYLBENZENE (CUMENE)	0	10	133	1	70	130	J

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11H0747

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11H0747	GW	PW17-100	11H0747-10	08/18/2011		
11H0747	GW	PW17-25	11H0747-07	08/18/2011		
11H0747	GW	PW17-50	11H0747-08	08/18/2011		
11H0747	GW	PW17-75	11H0747-09	08/18/2011		
11H0747	GW	PW19-100	11H0747-03	08/16/2011		
11H0747	GW	PW19-125	11H0747-04	08/16/2011		
11H0747	GW	PW19-150	11H0747-05	08/16/2011		
11H0747	GW	PW19-175	11H0747-06	08/17/2011		
11H0747	GW	PW19-75	11H0747-02	08/15/2011		
11H0747	DW	TB-08152011	11H0747-01	08/15/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes. One vial of sample PW19-150 was broken during shipment to the laboratory. Samples PW17-100 and PW19-100 were poured into new vials before analysis due to excessive sediment.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – No field duplicate or equipment blank samples included with this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

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The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then “J” flag positive data in original sample due to matrix.	No MS/MSDs included with this SDG.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	Yes
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? If bias is described in case narrative but calibration data not provided, use professional judgment for qualification.	No – average response factor for 1,4-dioxane below criteria; all results for this compound are ND, biased low; qualified with UJ.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	Yes
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	N/A - No field duplicate samples were submitted with this SDG.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

General Analytical Methods - Metals	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	None
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes; no MS/MSD included with this SDG.
MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Do field duplicate results show good precision for all compounds (see Table 7)?	N/A - No field duplicate samples were submitted with this SDG.

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
The response factor was biased for one compound. Two samples were poured off into separate vials before analysis due to excessive sediment content.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits
None

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry

LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11H0909

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11H0909	GW	PW16-025	11H0909-07	08/22/2011		
11H0909	GW	PW16-050	11H0909-08	08/22/2011		
11H0909	GW	PW16-075	11H0909-09	08/22/2011		
11H0909	GW	PW16-100	11H0909-10	08/22/2011		
11H0909	GW	PW17-125	11H0909-02	08/19/2011	MS/MSD	
11H0909	GW	PW17-150	11H0909-03	08/19/2011		
11H0909	GW	PW17-150/Q	11H0909-04	08/19/2011		
11H0909	GW	PW17-175	11H0909-05	08/19/2011		
11H0909	GW	PW17-200	11H0909-06	08/19/2011		
11H0909	DW	TB-08192011	11H0909-01	08/19/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6°C and in good condition as indicated on COC and Cooler Receipt Form?	Yes. Headspace was observed in one or more sample vials for samples PW17-150, PW17-150/Q, and PW17-175; detected compounds are qualified with J and nondetected compounds are qualified UJ for potential low bias. Samples PW17-150, -150/Q, -175, and 200 contained excessive sediment and were poured off into new vials by the laboratory prior to analysis. Headspace and sample transfer prior to analysis could result in loss of VOC compounds.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples	Yes – Field duplicate samples included with this SDG (PW17-150 and PW17-

Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	150/Q).
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes - Sample duplicate analyzed for sample PW17-125 with acceptable precision.
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No – MS/MSD recoveries for several compounds were outside acceptance limits; RPDs were within acceptance limits (LCS for those compounds also within limits). Results qualified as described in table 4.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – LCS recoveries for several compounds were outside acceptance limits; LCSD recoveries and RPDs were acceptable. Results qualified as described in Table 5; however, none of those compounds were detected in associated samples.
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? If bias is described in case narrative but calibration data not provided, use professional judgment for qualification.	No – average response factor for 1,4-dioxane below criteria; all results f are ND, biased low; qualified with UJ. CCV below criteria for six compounds, biased low, qualified J/UJ for detects/nondetects.

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Date Completed: February 6, 2012	Completed by: J. Z. Christopher

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	Yes
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

General Analytical Methods - Metals	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	None
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Do field duplicate results show good precision for all compounds (see Table 7)?	Yes

Summary of Potential Impacts on Data Usability
Major Concerns
Minor Concerns
Organic LCS and MS/MSD recoveries outside of acceptance limits; low bias for several organic compounds due to CCV and RF. Four samples were poured off into separate vials. Headspace detected in one or more vials for three samples; laboratory uncertain whether affected vials were analyzed. Total and dissolved chromium results for three samples (PW17-150, PW17-150/Q, PW17-175) were apparently reported in reverse – T and D designators corrected by validator in EDD.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 6, 2012	Completed by: J. Z. Christopher

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	PW17-125MS1	BROMOFORM	0	10	62.9	1	70	130	None
8260C	PW17-125MS1	NAPHTHALENE	0	10	67.6	1	70	130	None
8260C	PW17-125MS1	TRANS-1,2-DICHLOROETHENE	0.33	10	132	1	70	130	None
8260C	PW17-125MS1	TRANS-1,4-DICHLORO-2-BUTENE	0	10	59.1	1	70	130	None
8260C	PW17-125MSD1	BROMOFORM	0	10	66.8	1	70	130	None
8260C	PW17-125MSD1	CIS-1,2-DICHLOROETHYLENE	16.1	10	134	1	70	130	None
8260C	PW17-125MSD1	NAPHTHALENE	0	10	62.9	1	70	130	None
8260C	PW17-125MSD1	TRANS-1,2-DICHLOROETHENE	0.33	10	134	1	70	130	None
8260C	PW17-125MSD1	TRANS-1,4-DICHLORO-2-BUTENE	0	10	56.1	1	70	130	None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	B036099-BS1	TRANS-1,4-DICHLORO-2-BUTENE	0	10	69.6	1	70	130	J
8260C	B036099-BS1	TRANS-1,2-DICHLOROETHENE	0	10	132	1	70	130	J

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	B036099-BS1	ACETONE	0	100	167	1	70	160	J
8260C	B036099-BS1	CARBON DISULFIDE	0	10	136	1	70	130	J
8260C	B036099-BS1	ISOPROPYLBENZENE (CUMENE)	0	10	131	1	70	130	J

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results

Method	Analyte	Unit	PQL	PW17-150	PW17-150/Q	RPD	RPD Rating	Qualifier
6010C	CHROMIUM, DISSOLVED	mg/l	0.01	0.37	0.43	15.0	Good	None
8260C	CIS-1,2-DICHLOROETHYLENE	ug/l	1	1.8	1.6	11.8	Good	None
8260C	TETRACHLOROETHYLENE(PCE)	ug/l	1	80	86	7.2	Good	None
8260C	TRICHLOROETHYLENE (TCE)	ug/l	1	8.5	7	19.4	Good	None

Acronym List and Table Key:

A = original analyte
ASP = Analytical Services Protocol
COC = chain of custody
DUSR = data usability summary report
GC/MS = gas chromatography / mass spectrometry
LCS = laboratory control sample
MBLK = method blank
MS = matrix spike
MSD = matrix spike duplicate
NC = not calculated
ND = not detected
NYSDEC = New York State Department of Environmental Conservation
PQL = practical quantitation limit

QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 7, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11H1080

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11H1080	GW	PW14-100	11H1080-09	08/24/2011		
11H1080	GW	PW14-125	11H1080-10	08/24/2011		
11H1080	GW	PW14-150	11H1080-11	08/25/2011		
11H1080	GW	PW14-25	11H1080-06	08/24/2011		
11H1080	GW	PW14-50	11H1080-07	08/24/2011		
11H1080	GW	PW14-75	11H1080-08	08/24/2011		
11H1080	GW	PW16-125	11H1080-01	08/22/2011		
11H1080	GW	PW16-150	11H1080-02	08/23/2011		
11H1080	GW	PW16-175	11H1080-04	08/23/2011		
11H1080	GW	PW16-200	11H1080-05	08/23/2011		
11H1080	DW	TB-08222011	11H1080-03	08/22/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes - Samples PW16-125, -150, -175, and 200 and PW14-100, -125, and -150 contained excessive sediment and were poured off into new vials by the laboratory prior to analysis.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – No field duplicate or equipment blank samples included with this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 7, 2012	Completed by: J. Z. Christopher

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No MS/MSDs included with this SDG.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – LCS/LCSD recoveries for one compound was outside acceptance limits. Results qualified as described in Table 5; however, none of those compounds were detected in associated samples.
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? If bias is described in case narrative but calibration data not provided, use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with J/UJ for detects/nondetects.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	Yes
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	N/A - No field duplicate samples were submitted with this SDG.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 7, 2012	Completed by: J. Z. Christopher

General Analytical Methods - Metals	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	None
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Do field duplicate results show good precision for all compounds (see Table 7)?	N/A - No field duplicate samples were submitted with this SDG.

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Organic LCS/LCSD recoveries outside of acceptance limits; low bias for two compounds due to RF. Seven samples were poured off into separate vials before organic analysis due to excessive sediment content.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	B036500-BS1	TRANS-1,3-DICHLOROPROPENE	0	10	139	1	70	130	J
8260C	B036500-BSD1	TRANS-1,3-DICHLOROPROPENE	0	10	142	1	70	130	J

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 7, 2012	Completed by: J. Z. Christopher

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 10, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11I0023

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11I0023	SO	IDWS-1	11I0023-09	08/31/2011	MS	
11I0023	GW	PW13-100	11I0023-05	08/30/2011		
11I0023	GW	PW13-125	11I0023-06	08/30/2011		
11I0023	GW	PW13-125Q	11I0023-07	08/30/2011		
11I0023	GW	PW13-150	11I0023-08	08/30/2011		
11I0023	GW	PW13-25	11I0023-02	08/30/2011	MS	
11I0023	GW	PW13-50	11I0023-03	08/30/2011		
11I0023	GW	PW13-75	11I0023-04	08/30/2011		
11I0023	DW	TB-08302011	11I0023-01	08/30/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Field duplicate samples included with this SDG (PW13-125 and PW13-125/Q).
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes - Case narrative states that samples are outside pH limit (pH = 7); however, vials were submitted preserved on ice and not acid preserved and analyzed within 7 days; no qualifiers were added.
Any holding time violations (See table below)?	No - pH by SW9045C analyzed as soon as possible per method; within 1 day of sample receipt.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 10, 2012	Completed by: J. Z. Christopher

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then “J” flag positive data in original sample due to matrix.	Yes
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – LCS/LCSD recoveries for several compounds were outside acceptance limits. Results qualified as described in Table 5; however, none of those compounds were detected in associated samples.
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? If bias is described in case narrative but calibration data not provided, use professional judgment for qualification.	No – average response factors for six compounds below criteria; all results are ND, biased low; qualified with UJ. CCV below criteria for one compound; results biased low, qualified J/UJ for detects/nondetects.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	No - Precision for three compounds was outside acceptance limits; results qualified as described in Table 7 for the field duplicate sample pair.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 10, 2012	Completed by: J. Z. Christopher

General Analytical Methods	
Description	**Notes and Qualifiers**
Any compounds present in method or field blanks as noted on Table 2?	No
For samples, if results are < 5 times the blank then "U" flag data.	None
Is laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	Yes
Do field duplicate results show good precision for all compounds (see Table 7)?	Yes

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Organic LCS/LCSD recoveries outside of acceptance limits; bias for several organic compounds due to CCV and RF; poor precision for field duplicate sample pair for organic analytes.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	B036681-BS1	ISOPROPYLBENZENE (CUMENE)	0	0.02	136	1	70	130	J
8260C	B036708-BS1	TRANS-1,4-DICHLORO-2-BUTENE	0	10	66.2	1	70	130	J/UJ
8260C	B036708-BS1	TRANS-1,2-DICHLOROETHENE	0	10	131	1	70	130	J
8260C	B036681-BSD1	CYMENE	0	0.02	139	1	70	130	J
8260C	B036681-BSD1	ISOPROPYLBENZENE (CUMENE)	0	0.02	146	1	70	130	J
8260C	B036681-BSD1	SEC-BUTYLBENZENE	0	0.02	131	1	70	130	J
8260C	B036708-BSD1	TRANS-1,4-DICHLORO-2-BUTENE	0	10	64.4	1	70	130	J/UJ

Table 6 –Samples that were Reanalyzed
None

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 10, 2012	Completed by: J. Z. Christopher

Table 7 – Summary of Field Duplicate Results

Method	Analyte	Unit	PQL	PW13-125	PW13-125/Q	RPD	RPD Rating	Qualifier
6010C	CHROMIUM, TOTAL	mg/l	0.01	1.1	1.2	8.7	Good	None
8260C	CIS-1,2-DICHLOROETHYLENE	ug/l	1	1.5	2.4	46.2	Poor	J
8260C	TETRACHLOROETHYLENE(PCE)	ug/l	1	7	12	52.6	Poor	J
8260C	TRICHLOROETHYLENE (TCE)	ug/l	1	2.2	3.8	53.3	Poor	J

Acronym List and Table Key:

A = original analyte
ASP = Analytical Services Protocol
COC = chain of custody
DUSR = data usability summary report
GC/MS = gas chromatography / mass spectrometry
LCS = laboratory control sample
MBLK = method blank
MS = matrix spike
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NC = not calculated
ND = not detected
NYSDEC = New York State Department of Environmental Conservation
PQL = practical quantitation limit
QA = quality assurance
QAPP = quality assurance project plan
QC = quality control
RPD = relative percent difference
SDG = sample delivery group
TIC = tentatively identified compound
VOC = volatile organic compound

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VOLATILES QC SUMMARY

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SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11H0217-01	111	95.0	121
11H0217-02	101	97.6	102
11H0217-03	103	101	101
11H0217-04	100	97.1	101
11H0217-05	101	99.1	101
11H0217-06	101	97.2	101
11H0217-07	102	96.7	100
11H0217-08	102	93.9	101
B035049-BLK1	119	93.5	101
B035049-BS1	98.0	100	101
B035049-BSD1	97.4	98.6	103
B035049-MS1	99.2	101	104
B035049-MSD1	98.0	100	103

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW18-50

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035049	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035049-MS1
Column:		Sample Lab ID:	11H0217-03

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	100	6.26	110	104		70 - 130
Acrylonitrile	10.0	ND	10.6	106		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	ND	9.36	93.6		70 - 130
Benzene	10.0	ND	11.2	112		70 - 130
Bromobenzene	10.0	ND	9.32	93.2		70 - 130
Bromochloromethane	10.0	ND	11.4	114		70 - 130
Bromodichloromethane	10.0	ND	10.2	102		70 - 130
Bromoform	10.0	ND	8.02	80.2		70 - 130
Bromomethane	10.0	ND	5.52	55.2	*	70 - 130
2-Butanone (MEK)	100	ND	97.0	97.0		70 - 130
tert-Butyl Alcohol (TBA)	100	ND	92.4	92.4		70 - 130
n-Butylbenzene	10.0	ND	7.42	74.2		70 - 130
sec-Butylbenzene	10.0	ND	7.98	79.8		70 - 130
tert-Butylbenzene	10.0	ND	8.24	82.4		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	ND	7.34	73.4		70 - 130
Carbon Disulfide	10.0	ND	10.4	104		70 - 130
Carbon Tetrachloride	10.0	ND	9.63	96.3		70 - 130
Chlorobenzene	10.0	ND	10.1	101		70 - 130
Chlorodibromomethane	10.0	ND	10.3	103		70 - 130
Chloroethane	10.0	ND	10.5	105		70 - 130
Chloroform	10.0	0.450	11.2	107		70 - 130
Chloromethane	10.0	ND	6.73	67.3	*	70 - 130
2-Chlorotoluene	10.0	ND	9.48	94.8		70 - 130
4-Chlorotoluene	10.0	ND	9.58	95.8		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	7.51	75.1		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW18-50

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035049	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035049-MS1
Column:		Sample Lab ID:	11H0217-03

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	ND	10.8	108		70 - 130
Dibromomethane	10.0	ND	10.8	108		70 - 130
1,2-Dichlorobenzene	10.0	ND	8.93	89.3		70 - 130
1,3-Dichlorobenzene	10.0	ND	8.73	87.3		70 - 130
1,4-Dichlorobenzene	10.0	ND	8.71	87.1		70 - 130
trans-1,4-Dichloro-2-butene	10.0	ND	6.69	66.9	*	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	ND	5.60	56.0	*	70 - 130
1,1-Dichloroethane	10.0	ND	11.8	118		70 - 130
1,2-Dichloroethane	10.0	ND	10.6	106		70 - 130
1,1-Dichloroethylene	10.0	ND	11.8	118		70 - 130
cis-1,2-Dichloroethylene	10.0	ND	9.18	91.8		70 - 130
trans-1,2-Dichloroethylene	10.0	ND	12.6	126		70 - 130
1,2-Dichloropropane	10.0	ND	10.4	104		70 - 130
1,3-Dichloropropane	10.0	ND	10.3	103		70 - 130
2,2-Dichloropropane	10.0	ND	7.16	71.6		70 - 130
1,1-Dichloropropene	10.0	ND	11.0	110		70 - 130
cis-1,3-Dichloropropene	10.0	ND	7.86	78.6		70 - 130
trans-1,3-Dichloropropene	10.0	ND	8.58	85.8		70 - 130
Diethyl Ether	10.0	ND	11.6	116		70 - 130
Diisopropyl Ether (DIPE)	10.0	ND	10.8	108		70 - 130
1,4-Dioxane	100	ND	80.1	80.1		70 - 130
Ethylbenzene	10.0	ND	9.97	99.7		70 - 130
Hexachlorobutadiene	10.0	ND	5.37	53.7	*	70 - 130
2-Hexanone (MBK)	100	ND	105	105		70 - 130
Isopropylbenzene (Cumene)	10.0	ND	11.5	115		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	ND	7.95	79.5		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW18-50

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035049	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035049-MS1
Column:		Sample Lab ID:	11H0217-03

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Methyl tert-Butyl Ether (MTBE)	10.0	ND	10.8	108		70 - 130
Methylene Chloride	10.0	ND	11.2	112		70 - 130
4-Methyl-2-pentanone (MIBK)	100	ND	106	106		70 - 130
Naphthalene	10.0	ND	4.66	46.6	*	70 - 130
n-Propylbenzene	10.0	ND	9.07	90.7		70 - 130
Styrene	10.0	ND	9.61	96.1		70 - 130
1,1,1,2-Tetrachloroethane	10.0	ND	9.50	95.0		70 - 130
1,1,2,2-Tetrachloroethane	10.0	ND	9.89	98.9		70 - 130
Tetrachloroethylene	10.0	ND	10.7	107		70 - 130
Tetrahydrofuran	10.0	ND	8.49	84.9		70 - 130
Toluene	10.0	ND	10.8	108		70 - 130
1,2,3-Trichlorobenzene	10.0	ND	3.88	38.8	*	70 - 130
1,2,4-Trichlorobenzene	10.0	ND	5.40	54.0	*	70 - 130
1,3,5-Trichlorobenzene	10.0	ND	6.13	61.3	*	70 - 130
1,1,1-Trichloroethane	10.0	ND	11.2	112		70 - 130
1,1,2-Trichloroethane	10.0	ND	10.7	107		70 - 130
Trichloroethylene	10.0	0.970	12.0	111		70 - 130
Trichlorofluoromethane (Freon 11)	10.0	ND	10.3	103		70 - 130
1,2,3-Trichloropropane	10.0	ND	9.15	91.5		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	11.6	116		70 - 130
1,2,4-Trimethylbenzene	10.0	ND	9.01	90.1		70 - 130
1,3,5-Trimethylbenzene	10.0	ND	9.10	91.0		70 - 130
Vinyl Chloride	10.0	ND	8.66	86.6		70 - 130
m+p Xylene	20.0	ND	20.8	104		70 - 130
o-Xylene	10.0	ND	10.1	101		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW18-50

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035049	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035049-MS1
Column:		Sample Lab ID:	11H0217-03

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW18-50

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035049	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035049-MSD1
Column:		Sample Lab ID:	11H0217-03

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	106	100		3.61	30	70 - 130
Acrylonitrile	10.0	10.4	104		2.10	30	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	9.11	91.1		2.71	30	70 - 130
Benzene	10.0	10.8	108		4.28	30	70 - 130
Bromobenzene	10.0	8.80	88.0		5.74	30	70 - 130
Bromochloromethane	10.0	11.0	110		2.85	30	70 - 130
Bromodichloromethane	10.0	9.38	93.8		8.38	30	70 - 130
Bromoform	10.0	7.60	76.0		5.38	30	70 - 130
Bromomethane	10.0	5.24	52.4	*	5.20	30	70 - 130
2-Butanone (MEK)	100	98.8	98.8		1.86	30	70 - 130
tert-Butyl Alcohol (TBA)	100	92.8	92.8		0.497	30	70 - 130
n-Butylbenzene	10.0	7.16	71.6		3.57	30	70 - 130
sec-Butylbenzene	10.0	7.76	77.6		2.80	30	70 - 130
tert-Butylbenzene	10.0	7.85	78.5		4.85	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	7.09	70.9		3.47	30	70 - 130
Carbon Disulfide	10.0	10.2	102		2.53	30	70 - 130
Carbon Tetrachloride	10.0	9.81	98.1		1.85	30	70 - 130
Chlorobenzene	10.0	9.62	96.2		4.77	30	70 - 130
Chlorodibromomethane	10.0	9.05	90.5		13.1	30	70 - 130
Chloroethane	10.0	10.3	103		2.01	30	70 - 130
Chloroform	10.0	10.6	101		5.53	30	70 - 130
Chloromethane	10.0	6.29	62.9	*	6.76	30	70 - 130
2-Chlorotoluene	10.0	8.77	87.7		7.78	30	70 - 130
4-Chlorotoluene	10.0	9.26	92.6		3.40	30	70 - 130
1,2-Dibromo-3-chloropropane (DBC	10.0	8.15	81.5		8.17	30	70 - 130
1,2-Dibromoethane (EDB)	10.0	9.93	99.3		8.12	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW18-50

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035049	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035049-MSD1
Column:		Sample Lab ID:	11H0217-03

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Dibromomethane	10.0	10.2	102		5.05	30	70 - 130
1,2-Dichlorobenzene	10.0	8.29	82.9		7.43	30	70 - 130
1,3-Dichlorobenzene	10.0	8.17	81.7		6.63	30	70 - 130
1,4-Dichlorobenzene	10.0	8.30	83.0		4.82	30	70 - 130
trans-1,4-Dichloro-2-butene	10.0	6.50	65.0	*	2.88	30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	6.37	63.7	*	12.9	30	70 - 130
1,1-Dichloroethane	10.0	11.0	110		7.36	30	70 - 130
1,2-Dichloroethane	10.0	9.74	97.4		8.46	30	70 - 130
1,1-Dichloroethylene	10.0	11.1	111		6.09	30	70 - 130
cis-1,2-Dichloroethylene	10.0	9.68	96.8		5.30	30	70 - 130
trans-1,2-Dichloroethylene	10.0	12.1	121		3.57	30	70 - 130
1,2-Dichloropropane	10.0	9.63	96.3		8.17	30	70 - 130
1,3-Dichloropropane	10.0	9.54	95.4		7.95	30	70 - 130
2,2-Dichloropropane	10.0	7.14	71.4		0.280	30	70 - 130
1,1-Dichloropropene	10.0	10.8	108		2.21	30	70 - 130
cis-1,3-Dichloropropene	10.0	7.29	72.9		7.52	30	70 - 130
trans-1,3-Dichloropropene	10.0	8.20	82.0		4.53	30	70 - 130
Diethyl Ether	10.0	10.7	107		8.18	30	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.1	101		6.22	30	70 - 130
1,4-Dioxane	100	78.6	78.6		1.81	30	70 - 130
Ethylbenzene	10.0	9.50	95.0		4.83	30	70 - 130
Hexachlorobutadiene	10.0	5.44	54.4	*	1.30	30	70 - 130
2-Hexanone (MBK)	100	100	100		4.58	30	70 - 130
Isopropylbenzene (Cumene)	10.0	10.5	105		8.55	30	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	7.84	78.4		1.39	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.0	100		6.93	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW18-50

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035049	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035049-MSD1
Column:		Sample Lab ID:	11H0217-03

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Methylene Chloride	10.0	10.5	105		5.80	30	70 - 130
4-Methyl-2-pentanone (MIBK)	100	101	101		4.74	30	70 - 130
Naphthalene	10.0	5.67	56.7	*	19.6	30	70 - 130
n-Propylbenzene	10.0	8.55	85.5		5.90	30	70 - 130
Styrene	10.0	9.36	93.6		2.64	30	70 - 130
1,1,1,2-Tetrachloroethane	10.0	8.72	87.2		8.56	30	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.17	91.7		7.56	30	70 - 130
Tetrachloroethylene	10.0	10.1	101		6.05	30	70 - 130
Tetrahydrofuran	10.0	7.69	76.9		9.89	30	70 - 130
Toluene	10.0	10.3	103		4.64	30	70 - 130
1,2,3-Trichlorobenzene	10.0	4.87	48.7	*	22.6	30	70 - 130
1,2,4-Trichlorobenzene	10.0	5.44	54.4	*	0.738	30	70 - 130
1,3,5-Trichlorobenzene	10.0	5.84	58.4	*	4.85	30	70 - 130
1,1,1-Trichloroethane	10.0	10.9	109		2.54	30	70 - 130
1,1,2-Trichloroethane	10.0	10.0	100		6.65	30	70 - 130
Trichloroethylene	10.0	12.0	110		0.249	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.9	109		5.09	30	70 - 130
1,2,3-Trichloropropane	10.0	8.68	86.8		5.27	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	13.1	131	*	12.5	30	70 - 130
1,2,4-Trimethylbenzene	10.0	8.55	85.5		5.24	30	70 - 130
1,3,5-Trimethylbenzene	10.0	8.47	84.7		7.17	30	70 - 130
Vinyl Chloride	10.0	8.26	82.6		4.73	30	70 - 130
m+p Xylene	20.0	19.4	97.2		6.86	20	70 - 130
o-Xylene	10.0	9.26	92.6		8.48	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035049	Laboratory ID:	B035049-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	123	123	70 - 160
Acrylonitrile	10.0	10.7	107	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.0	110	70 - 130
Benzene	10.0	11.4	114	70 - 130
Bromobenzene	10.0	10.2	102	70 - 130
Bromochloromethane	10.0	11.9	119	70 - 130
Bromodichloromethane	10.0	10.6	106	70 - 130
Bromoform	10.0	8.50	85.0	70 - 130
Bromomethane	10.0	5.48	54.8	40 - 160
2-Butanone (MEK)	100	111	111	40 - 160
tert-Butyl Alcohol (TBA)	100	113	113	40 - 160
n-Butylbenzene	10.0	9.90	99.0	70 - 130
sec-Butylbenzene	10.0	10.6	106	70 - 130
tert-Butylbenzene	10.0	10.6	106	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.13	81.3	70 - 130
Carbon Disulfide	10.0	12.0	120	70 - 130
Carbon Tetrachloride	10.0	9.86	98.6	70 - 130
Chlorobenzene	10.0	10.7	107	70 - 130
Chlorodibromomethane	10.0	10.6	106	70 - 130
Chloroethane	10.0	10.5	105	70 - 130
Chloroform	10.0	11.4	114	70 - 130
Chloromethane	10.0	8.69	86.9	40 - 160
2-Chlorotoluene	10.0	10.8	108	70 - 130
4-Chlorotoluene	10.0	11.0	110	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.2	102	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.3	113	70 - 130
Dibromomethane	10.0	11.3	113	70 - 130
1,2-Dichlorobenzene	10.0	10.2	102	70 - 130
1,3-Dichlorobenzene	10.0	10.4	104	70 - 130
1,4-Dichlorobenzene	10.0	10.2	102	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.15	81.5	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035049	Laboratory ID:	B035049-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	9.49	94.9		40 - 160
1,1-Dichloroethane	10.0	12.2	122		70 - 130
1,2-Dichloroethane	10.0	10.6	106		70 - 130
1,1-Dichloroethylene	10.0	11.9	119		70 - 130
cis-1,2-Dichloroethylene	10.0	10.1	101		70 - 130
trans-1,2-Dichloroethylene	10.0	13.1	131	*	70 - 130
1,2-Dichloropropane	10.0	10.6	106		70 - 130
1,3-Dichloropropane	10.0	10.6	106		70 - 130
2,2-Dichloropropane	10.0	9.07	90.7		40 - 130
1,1-Dichloropropene	10.0	11.5	115		70 - 130
cis-1,3-Dichloropropene	10.0	8.92	89.2		70 - 130
trans-1,3-Dichloropropene	10.0	9.76	97.6		70 - 130
Diethyl Ether	10.0	12.1	121		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.1	111		70 - 130
1,4-Dioxane	100	107	107		40 - 130
Ethylbenzene	10.0	11.0	110		70 - 130
Hexachlorobutadiene	10.0	9.38	93.8		70 - 130
2-Hexanone (MBK)	100	111	111		70 - 160
Isopropylbenzene (Cumene)	10.0	12.3	123		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.3	103		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.6	116		70 - 130
Methylene Chloride	10.0	12.3	123		70 - 130
4-Methyl-2-pentanone (MIBK)	100	110	110		70 - 160
Naphthalene	10.0	8.42	84.2		40 - 130
n-Propylbenzene	10.0	10.5	105		70 - 130
Styrene	10.0	11.3	113		70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.6	106		70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.6	106		70 - 130
Tetrachloroethylene	10.0	10.8	108		70 - 130
Tetrahydrofuran	10.0	9.60	96.0		70 - 130
Toluene	10.0	11.2	112		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035049	Laboratory ID:	B035049-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	7.84	78.4	70 - 130
1,2,4-Trichlorobenzene	10.0	8.26	82.6	70 - 130
1,3,5-Trichlorobenzene	10.0	8.61	86.1	70 - 130
1,1,1-Trichloroethane	10.0	11.3	113	70 - 130
1,1,2-Trichloroethane	10.0	11.1	111	70 - 130
Trichloroethylene	10.0	11.5	115	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.7	107	70 - 130
1,2,3-Trichloropropane	10.0	9.54	95.4	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.4	114	70 - 130
1,2,4-Trimethylbenzene	10.0	10.9	109	70 - 130
1,3,5-Trimethylbenzene	10.0	10.7	107	70 - 130
Vinyl Chloride	10.0	10.2	102	40 - 160
m+p Xylene	20.0	22.5	113	70 - 130
o-Xylene	10.0	11.1	111	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	133	133	7.48	25	70 - 160
Acrylonitrile	10.0	10.8	108	0.743	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.4	114	3.13	25	70 - 130
Benzene	10.0	11.1	111	2.13	25	70 - 130
Bromobenzene	10.0	9.98	99.8	2.28	25	70 - 130
Bromochloromethane	10.0	12.4	124	3.95	25	70 - 130
Bromodichloromethane	10.0	10.6	106	0.378	25	70 - 130
Bromoform	10.0	8.85	88.5	4.03	25	70 - 130
Bromomethane	10.0	5.49	54.9	0.182	25	40 - 160
2-Butanone (MEK)	100	121	121	8.90	25	40 - 160
tert-Butyl Alcohol (TBA)	100	126	126	10.9	25	40 - 160
n-Butylbenzene	10.0	9.73	97.3	1.73	25	70 - 130
sec-Butylbenzene	10.0	10.0	100	5.33	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035049	Laboratory ID:	B035049-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
tert-Butylbenzene	10.0	10.1	101	4.46	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.30	83.0	2.07	25	70 - 130
Carbon Disulfide	10.0	10.5	105	13.4	25	70 - 130
Carbon Tetrachloride	10.0	9.84	98.4	0.203	25	70 - 130
Chlorobenzene	10.0	10.7	107	0.373	25	70 - 130
Chlorodibromomethane	10.0	10.8	108	2.15	25	70 - 130
Chloroethane	10.0	10.1	101	3.80	25	70 - 130
Chloroform	10.0	10.9	109	4.30	25	70 - 130
Chloromethane	10.0	8.35	83.5	3.99	25	40 - 160
2-Chlorotoluene	10.0	10.5	105	3.01	25	70 - 130
4-Chlorotoluene	10.0	10.8	108	1.74	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCI	10.0	11.1	111	8.35	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.6	116	2.53	25	70 - 130
Dibromomethane	10.0	10.9	109	3.43	25	70 - 130
1,2-Dichlorobenzene	10.0	10.2	102	0.489	25	70 - 130
1,3-Dichlorobenzene	10.0	10.3	103	0.970	25	70 - 130
1,4-Dichlorobenzene	10.0	10.1	101	0.885	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.89	78.9	3.24	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	9.40	94.0	0.953	25	40 - 160
1,1-Dichloroethane	10.0	11.2	112	8.99	25	70 - 130
1,2-Dichloroethane	10.0	10.9	109	2.79	25	70 - 130
1,1-Dichloroethylene	10.0	11.1	111	7.30	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.3	103	1.57	25	70 - 130
trans-1,2-Dichloroethylene	10.0	12.3	123	6.15	25	70 - 130
1,2-Dichloropropane	10.0	11.0	110	3.44	25	70 - 130
1,3-Dichloropropane	10.0	11.0	110	3.15	25	70 - 130
2,2-Dichloropropane	10.0	8.61	86.1	5.20	25	40 - 130
1,1-Dichloropropene	10.0	11.1	111	3.90	25	70 - 130
cis-1,3-Dichloropropene	10.0	8.89	88.9	0.337	25	70 - 130
trans-1,3-Dichloropropene	10.0	9.94	99.4	1.83	25	70 - 130
Diethyl Ether	10.0	12.3	123	1.89	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035049	Laboratory ID:	B035049-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Diisopropyl Ether (DIPE)	10.0	10.7	107		3.59	25	70 - 130
1,4-Dioxane	100	135	135	*	23.1	50	40 - 130
Ethylbenzene	10.0	10.5	105		4.39	25	70 - 130
Hexachlorobutadiene	10.0	9.41	94.1		0.319	25	70 - 130
2-Hexanone (MBK)	100	122	122		9.43	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.1	121		2.13	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	9.87	98.7		3.87	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.3	113		2.89	25	70 - 130
Methylene Chloride	10.0	11.7	117		5.26	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	121	121		9.37	25	70 - 160
Naphthalene	10.0	9.71	97.1		14.2	25	40 - 130
n-Propylbenzene	10.0	10.4	104		0.765	25	70 - 130
Styrene	10.0	10.9	109		2.97	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.93	99.3		6.43	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.9	109		2.79	25	70 - 130
Tetrachloroethylene	10.0	11.1	111		3.10	25	70 - 130
Tetrahydrofuran	10.0	10.6	106		10.4	25	70 - 130
Toluene	10.0	11.1	111		1.26	25	70 - 130
1,2,3-Trichlorobenzene	10.0	8.92	89.2		12.9	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.01	90.1		8.69	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.83	88.3		2.52	25	70 - 130
1,1,1-Trichloroethane	10.0	11.1	111		1.78	25	70 - 130
1,1,2-Trichloroethane	10.0	11.5	115		3.89	25	70 - 130
Trichloroethylene	10.0	11.4	114		0.699	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.2	102		5.18	25	70 - 130
1,2,3-Trichloropropane	10.0	9.85	98.5		3.20	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.4	104		9.05	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.5	105		3.46	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.4	104		3.04	25	70 - 130
Vinyl Chloride	10.0	9.54	95.4		6.69	25	40 - 160
m+p Xylene	20.0	22.0	110		2.56	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035049	Laboratory ID:	B035049-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
o-Xylene	10.0	10.8	108	3.01	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Blank ID:	B035049-BLK1	Batch:	B035049

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B035049-MSD1	VB220046.D	05:01
Matrix Spike	B035049-MS1	VB220045.D	04:30
LCS Dup	B035049-BSD1	VB220034.D	22:46
LCS	B035049-BS1	VB220033.D	22:15
PW18-175	11H0217-08	VB220044.D	03:58
PW18-150	11H0217-07	VB220043.D	03:27
PW18-125	11H0217-06	VB220042.D	02:56
PW18-100	11H0217-05	VB220041.D	02:25
PW18-75	11H0217-04	VB220040.D	01:54
PW18-50	11H0217-03	VB220039.D	01:23
PW18-25	11H0217-02	VB220038.D	00:51
TB-08022011	11H0217-01	VB220037.D	00:20

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Lab File ID:	VB220030.D	Injection Date:	08/08/11
Instrument ID:	GCMSVOA2	Injection Time:	20:40
Sequence:	S001079	Lab Sample ID:	S001079-TUN1

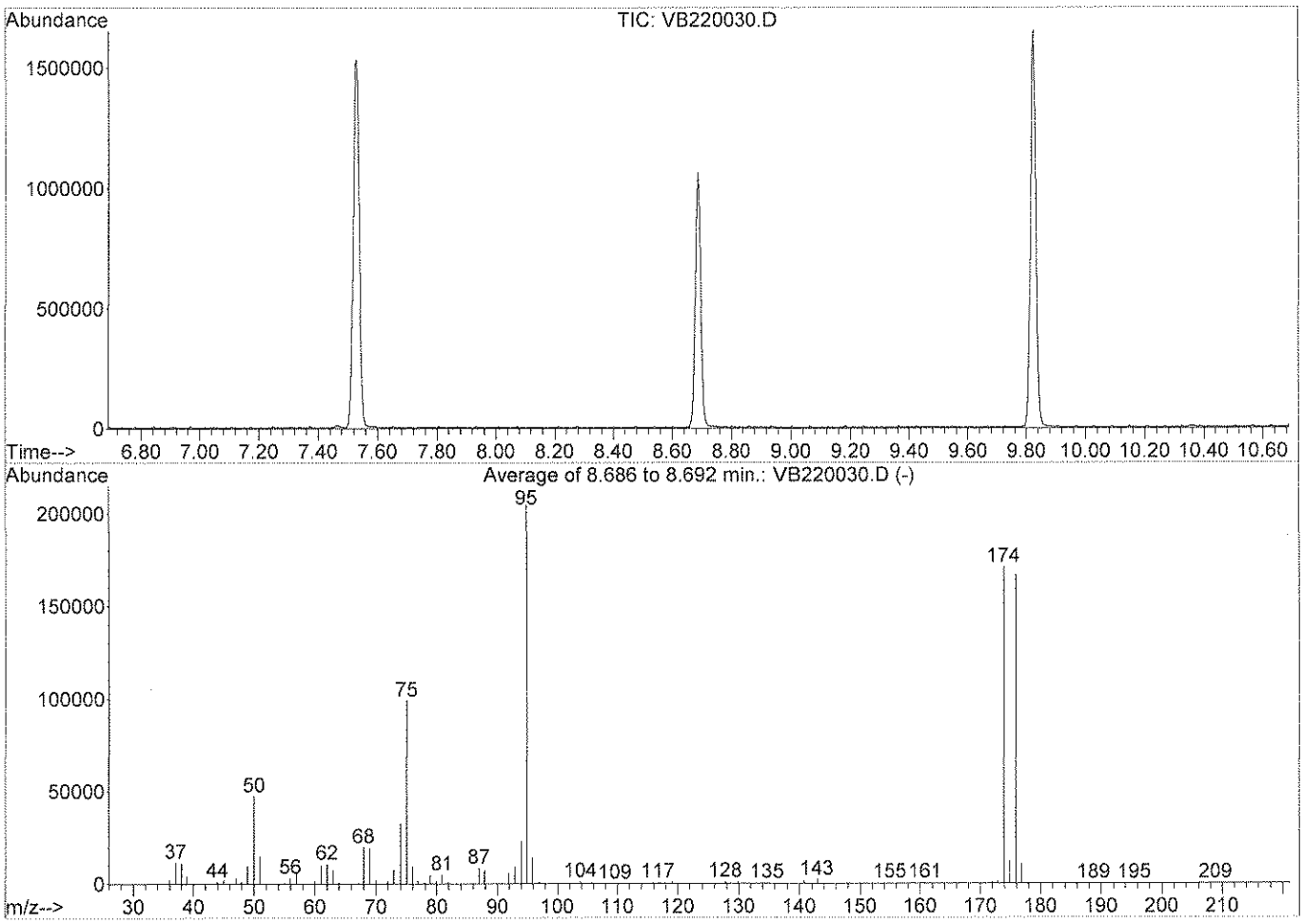
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	23.1	PASS
75	30 - 60% of 95	48.3	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.82	PASS
173	Less than 2% of 174	0.915	PASS
174	50 - 200% of 95	83.5	PASS
175	5 - 9% of 174	7.21	PASS
176	95 - 101% of 174	97.5	PASS
177	5 - 9% of 176	6.55	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001079-CCV1	VB220031.D	08/08/2011	21:12:00
LCS	B035049-BS1	VB220033.D	08/08/2011	22:15:00
LCS Dup	B035049-BSD1	VB220034.D	08/08/2011	22:46:00
Blank	B035049-BLK1	VB220036.D	08/08/2011	23:48:00
TB-08022011	11H0217-01	VB220037.D	08/09/2011	0:20:00
PW18-25	11H0217-02	VB220038.D	08/09/2011	0:51:00
PW18-50	11H0217-03	VB220039.D	08/09/2011	1:23:00
PW18-75	11H0217-04	VB220040.D	08/09/2011	1:54:00
PW18-100	11H0217-05	VB220041.D	08/09/2011	2:25:00
PW18-125	11H0217-06	VB220042.D	08/09/2011	2:56:00
PW18-150	11H0217-07	VB220043.D	08/09/2011	3:27:00
PW18-175	11H0217-08	VB220044.D	08/09/2011	3:58:00
Matrix Spike	B035049-MS1	VB220045.D	08/09/2011	4:30:00
Matrix Spike Dup	B035049-MSD1	VB220046.D	08/09/2011	5:01:00

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220030.D
Acq On : 8 Aug 2011 8:40 pm
Operator : LBD/MFF
Sample : BFB
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Mon Jun 20 12:36:24 2011



AutoFind: Scans 2768, 2769, 2770; Background Corrected with Scan 2755

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.1	47360	PASS
75	95	30	60	48.3	98901	PASS
95	95	100	100	100.0	204821	PASS
96	95	5	9	6.8	13972	PASS
173	174	0.00	2	0.9	1565	PASS
174	95	50	100	83.5	171093	PASS
175	174	5	9	7.2	12340	PASS
176	174	95	101	97.5	166784	PASS
177	176	5	9	6.6	10928	PASS

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001079	Instrument:	GCMSVOA2
		Calibration:	1100023

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001079-CCV1)			*Lab File ID: VB220031.D*			*Analyzed: 08/08/11 21:12*			
Pentafluorobenzene	448566	3.97	448204	3.97	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	728695	4.69	723319	4.69	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	382220	7.53	370813	7.53	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	361610	9.82	347863	9.82	104	50 - 200	0.0000	+/-0.50	
LCS (B035049-BS1)			*Lab File ID: VB220033.D*			*Analyzed: 08/08/11 22:15*			
Pentafluorobenzene	449806	3.96	448566	3.97	100	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	752773	4.69	728695	4.69	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	385963	7.53	382220	7.53	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	359153	9.82	361610	9.82	99	50 - 200	0.0000	+/-0.50	
LCS Dup (B035049-BSD1)			*Lab File ID: VB220034.D*			*Analyzed: 08/08/11 22:46*			
Pentafluorobenzene	445646	3.97	448566	3.97	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	734693	4.69	728695	4.69	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	382274	7.53	382220	7.53	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	358459	9.82	361610	9.82	99	50 - 200	0.0000	+/-0.50	
Blank (B035049-BLK1)			*Lab File ID: VB220036.D*			*Analyzed: 08/08/11 23:48*			
Pentafluorobenzene	350416	3.97	448566	3.97	78	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	709203	4.69	728695	4.69	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	366868	7.53	382220	7.53	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	327764	9.82	361610	9.82	91	50 - 200	0.0000	+/-0.50	
TB-08022011 (11H0217-01)			*Lab File ID: VB220037.D*			*Analyzed: 08/09/11 00:20*			
Pentafluorobenzene	338879	3.97	448566	3.97	76	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	583637	4.69	728695	4.69	80	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	360826	7.53	382220	7.53	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	325240	9.82	361610	9.82	90	50 - 200	0.0000	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001079	Instrument:	GCMSVOA2
		Calibration:	1100023

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW18-25 (11H0217-02)			*Lab File ID: VB220038.D*			*Analyzed: 08/09/11 00:51*			
Pentafluorobenzene	424543	3.97	448566	3.97	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	705463	4.69	728695	4.69	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	367142	7.53	382220	7.53	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	338374	9.82	361610	9.82	94	50 - 200	0.0000	+/-0.50	
PW18-50 (11H0217-03)			*Lab File ID: VB220039.D*			*Analyzed: 08/09/11 01:23*			
Pentafluorobenzene	418086	3.96	448566	3.97	93	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	698677	4.69	728695	4.69	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	354319	7.53	382220	7.53	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	330046	9.82	361610	9.82	91	50 - 200	0.0000	+/-0.50	
PW18-75 (11H0217-04)			*Lab File ID: VB220040.D*			*Analyzed: 08/09/11 01:54*			
Pentafluorobenzene	419278	3.97	448566	3.97	93	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	699607	4.69	728695	4.69	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	358016	7.53	382220	7.53	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	325457	9.82	361610	9.82	90	50 - 200	0.0000	+/-0.50	
PW18-100 (11H0217-05)			*Lab File ID: VB220041.D*			*Analyzed: 08/09/11 02:25*			
Pentafluorobenzene	415817	3.96	448566	3.97	93	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	692161	4.69	728695	4.69	95	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	361960	7.53	382220	7.53	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	339209	9.82	361610	9.82	94	50 - 200	0.0000	+/-0.50	
PW18-125 (11H0217-06)			*Lab File ID: VB220042.D*			*Analyzed: 08/09/11 02:56*			
Pentafluorobenzene	419496	3.96	448566	3.97	94	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	688663	4.69	728695	4.69	95	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	359775	7.53	382220	7.53	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	328734	9.82	361610	9.82	91	50 - 200	0.0000	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001079	Instrument:	GCMSVOA2
		Calibration:	1100023

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW18-150 (11H0217-07)			*Lab File ID: VB220043.D*			*Analyzed: 08/09/11 03:27*			
Pentafluorobenzene	413790	3.97	448566	3.97	92	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	682875	4.69	728695	4.69	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	353807	7.53	382220	7.53	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	326477	9.82	361610	9.82	90	50 - 200	0.0000	+/-0.50	
PW18-175 (11H0217-08)			*Lab File ID: VB220044.D*			*Analyzed: 08/09/11 03:58*			
Pentafluorobenzene	406056	3.96	448566	3.97	91	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	673610	4.69	728695	4.69	92	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	348797	7.53	382220	7.53	91	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	309805	9.82	361610	9.82	86	50 - 200	0.0000	+/-0.50	
Matrix Spike (B035049-MS1)			*Lab File ID: VB220045.D*			*Analyzed: 08/09/11 04:30*			
Pentafluorobenzene	414500	3.96	448566	3.97	92	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	680490	4.69	728695	4.69	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	357301	7.53	382220	7.53	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	340282	9.82	361610	9.82	94	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B035049-MSD1)			*Lab File ID: VB220046.D*			*Analyzed: 08/09/11 05:01*			
Pentafluorobenzene	423887	3.97	448566	3.97	94	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	700035	4.69	728695	4.69	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	364251	7.53	382220	7.53	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	341228	9.82	361610	9.82	94	50 - 200	0.0000	+/-0.50	

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-08022011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-01	File ID:	VB220037.D
Sampled:	08/02/11 07:30	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 00:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08022011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-01	File ID:	VB220037.D
Sampled:	08/02/11 07:30	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 00:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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

1 - FORM I
ANALYSIS DATA SHEET

TB-08022011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-01	File ID:	VB220037.D
Sampled:	08/02/11 07:30	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 00:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

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

1 - FORM I
ANALYSIS DATA SHEET

TB-08022011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-01	File ID:	VB220037.D
Sampled:	08/02/11 07:30	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 00:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220037.D
Acq On : 9 Aug 2011 12:20 am
Operator : LBD/MFF
Sample : 11H0217-01 @ TB
Misc :
ALS Vial : 37 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 09 2011

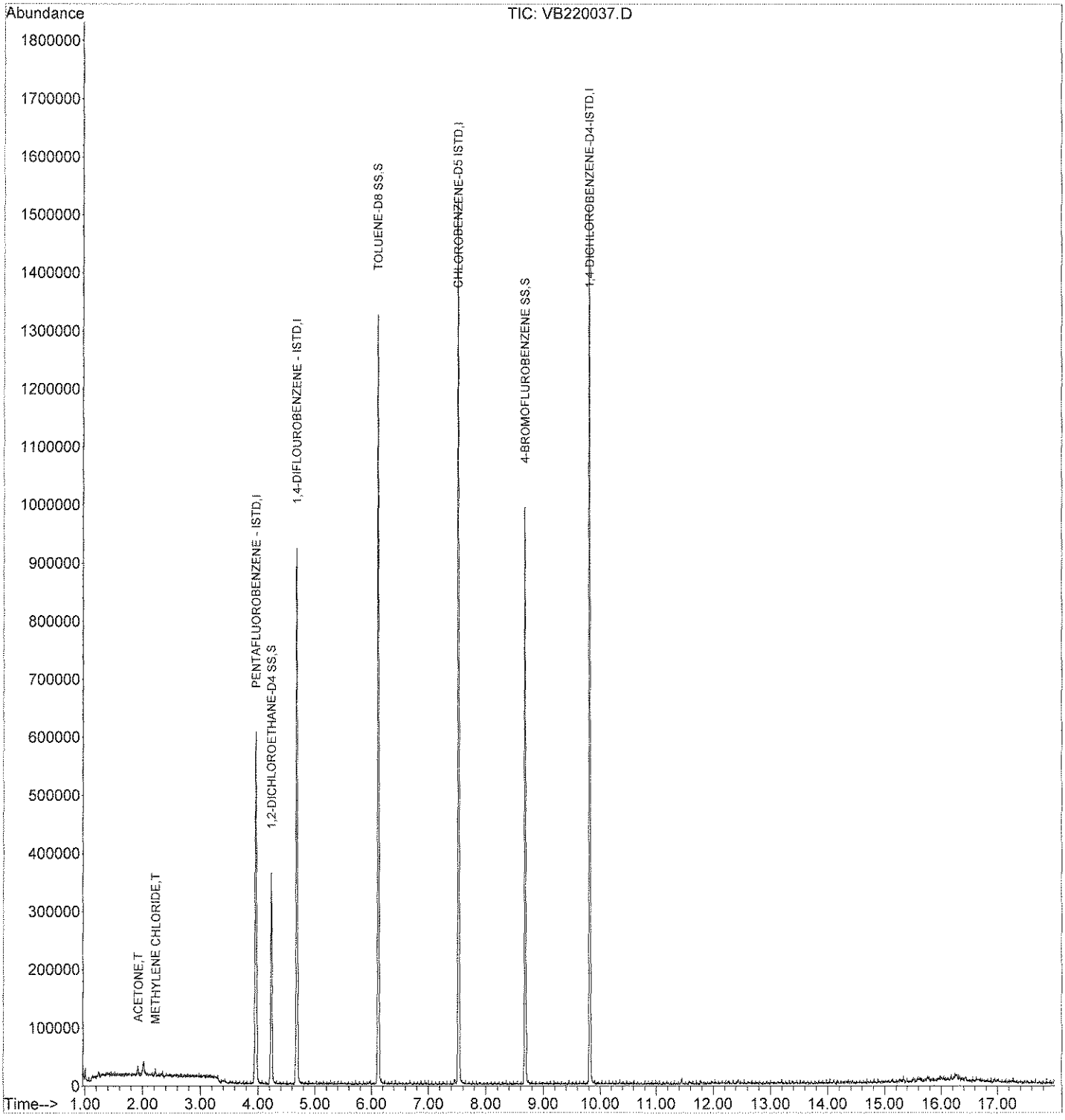
Quant Time: Aug 09 08:38:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

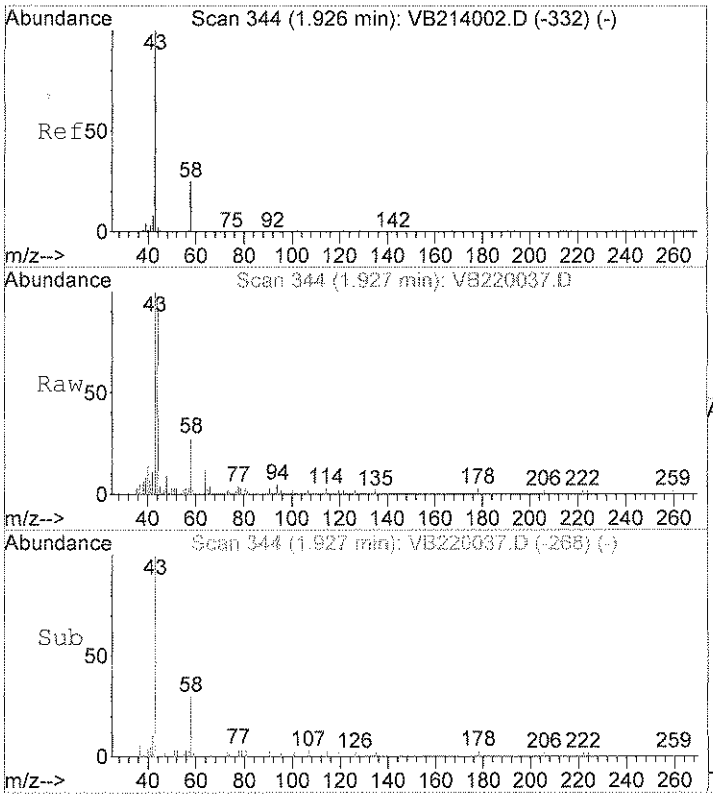
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	338879	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	583637	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	360826	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	325240	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	210194	27.70	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.80%			
42) TOLUENE-D8 SS	6.13	98	684361	30.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 121.48%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	262207	23.75	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.00%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	11451	6.98	UG/L	100
16) IODOMETHANE	2.00	142	2369	Below Cal	#	34
20) METHYLENE CHLORIDE	2.23	49	3056	0.43	UG/L #	75

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

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220037.D
Acq On : 9 Aug 2011 12:20 am
Operator : LBD/MFF
Sample : 11H0217-01 @ TB
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 09 08:38:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

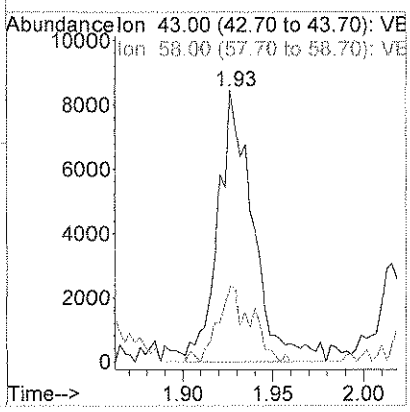


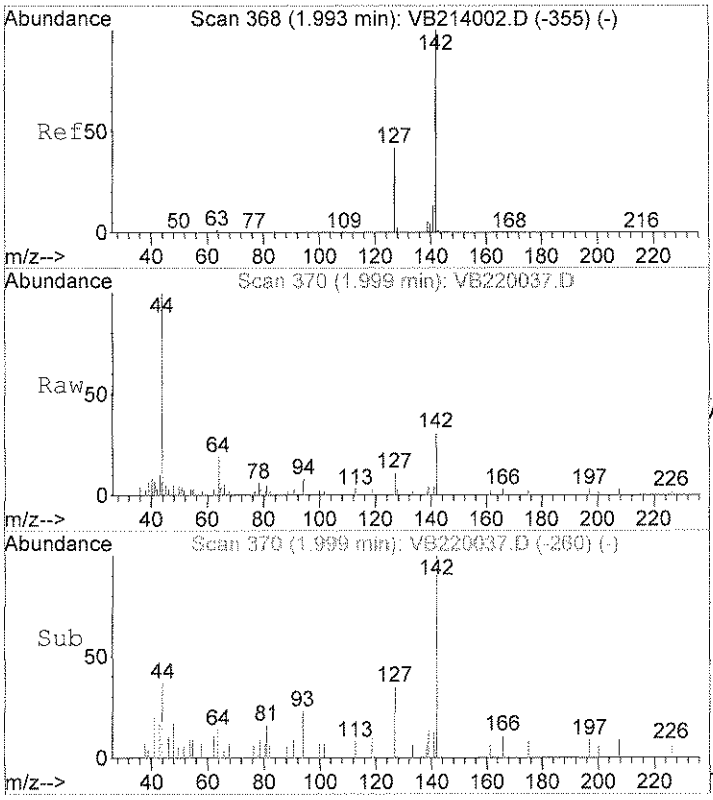


#13
ACETONE
Concen: 6.98 UG/L
RT: 1.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: VB220037.D
Acq: 9 Aug 2011 12:20 am

Tgt Ion: 43 Resp: 11451

Ion	Ratio	Lower	Upper
43	100		
58	25.3	20.2	30.2

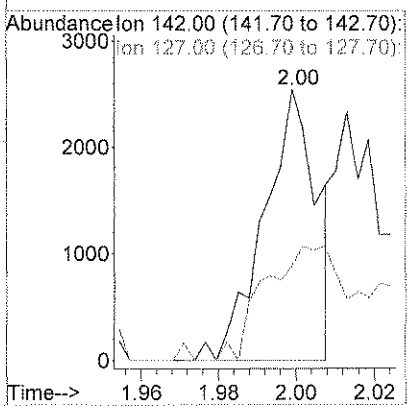


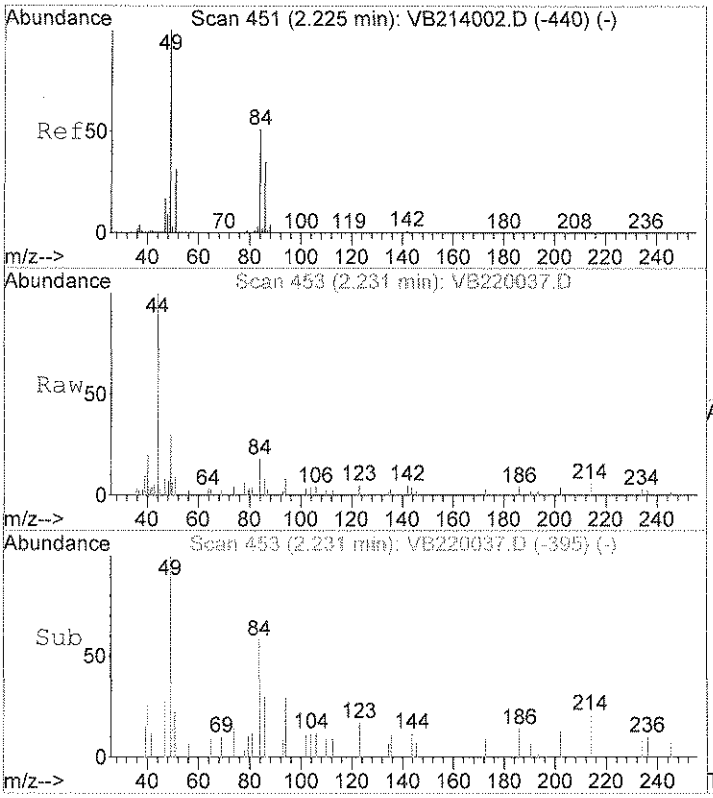


#16
IODOMETHANE
Concen: Below Cal
RT: 2.00 min Scan# 370
Delta R.T. 0.01 min
Lab File: VB220037.D
Acq: 9 Aug 2011 12:20 am

Tgt Ion:142 Resp: 2369

Ion	Ratio	Lower	Upper
142	100		
127	85.4	34.5	51.7#

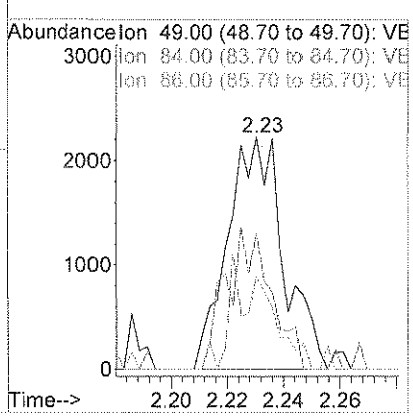




#20
METHYLENE CHLORIDE
Concen: 0.43 UG/L
RT: 2.23 min Scan# 453
Delta R.T. 0.00 min
Lab File: VB220037.D
Acq: 9 Aug 2011 12:20 am

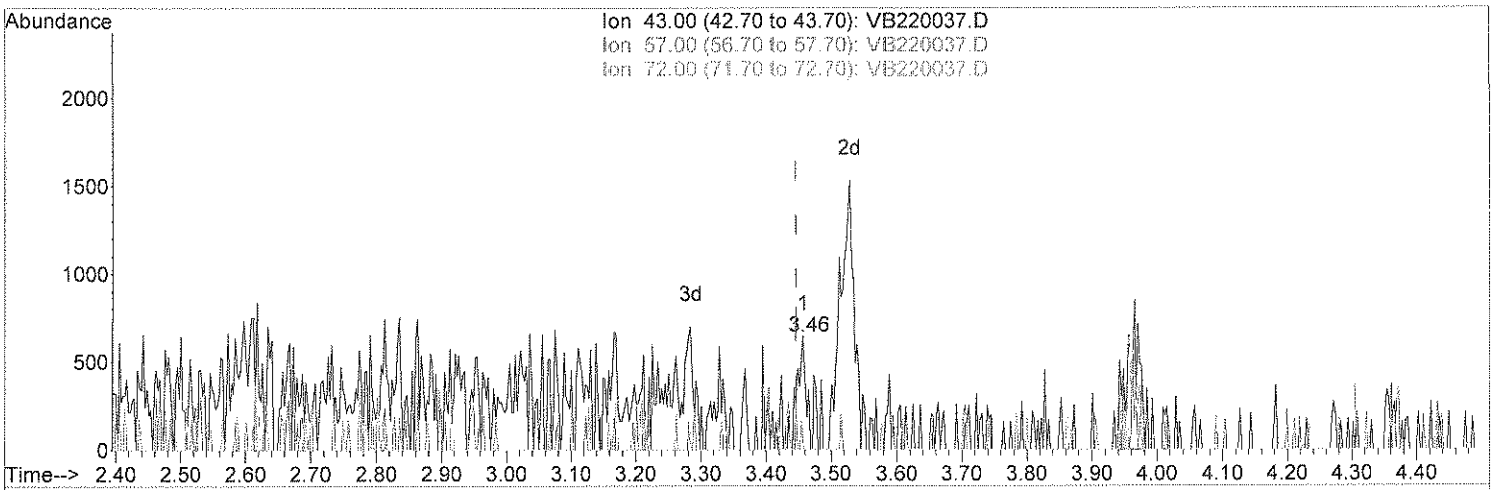
Tgt Ion: 49 Resp: 3056

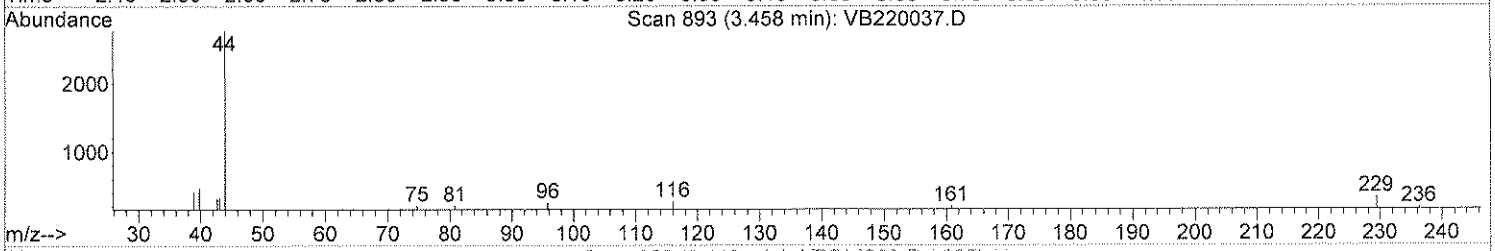
Ion	Ratio	Lower	Upper
49	100		
84	48.7	41.1	61.7
86	0.0	26.5	39.7#

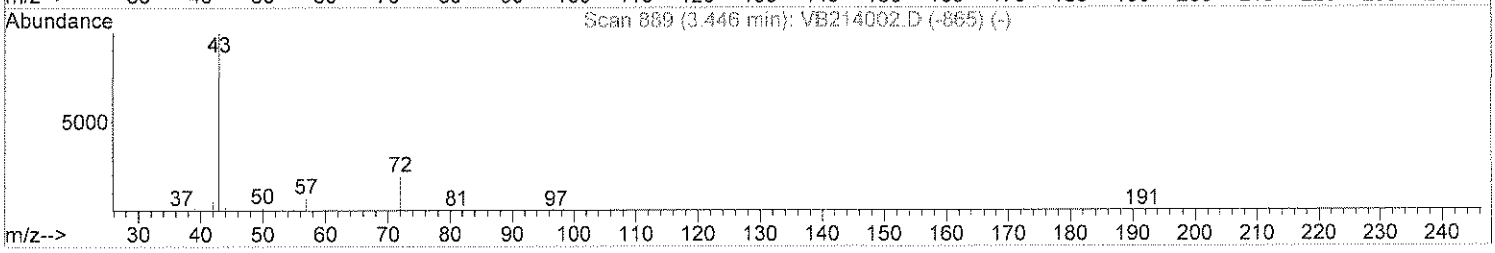


Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220037.D
Acq On : 9 Aug 2011 12:20 am
Operator : LBD/MFF
Sample : 11H0217-01 @ TB
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 09 08:37:54 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration







TIC: VB220037.D

(27) 2-BUTANONE (T)

3.458min (+0.011) 0.18UG/L

response 583

Ion	Exp%	Act%
43.00	100	100
57.00	7.10	0.00#
72.00	18.50	0.00#
0.00	0.00	0.00

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1 - FORM I
ANALYSIS DATA SHEET

PW18-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-02	File ID:	VB220038.D
Sampled:	08/02/11 16:10	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 00:51
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW18-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-02	File ID:	VB220038.D
Sampled:	08/02/11 16:10	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 00:51
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-02	File ID:	VB220038.D
Sampled:	08/02/11 16:10	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 00:51
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-02	File ID:	VB220038.D
Sampled:	08/02/11 16:10	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 00:51
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220038.D
Acq On : 9 Aug 2011 12:51 am
Operator : LBD/MFF
Sample : 11H0217-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 09 2011

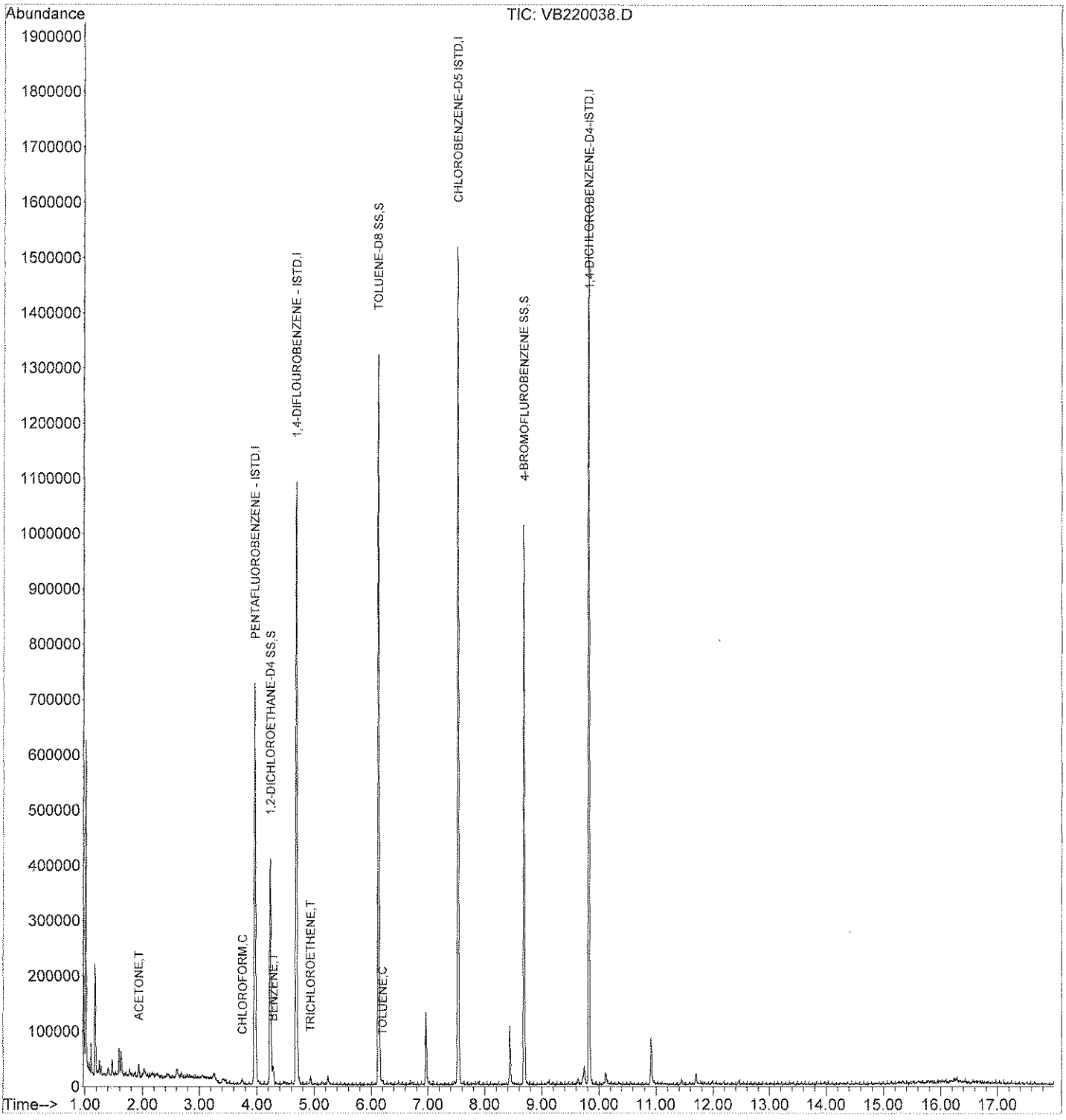
Quant Time: Aug 09 08:50:52 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

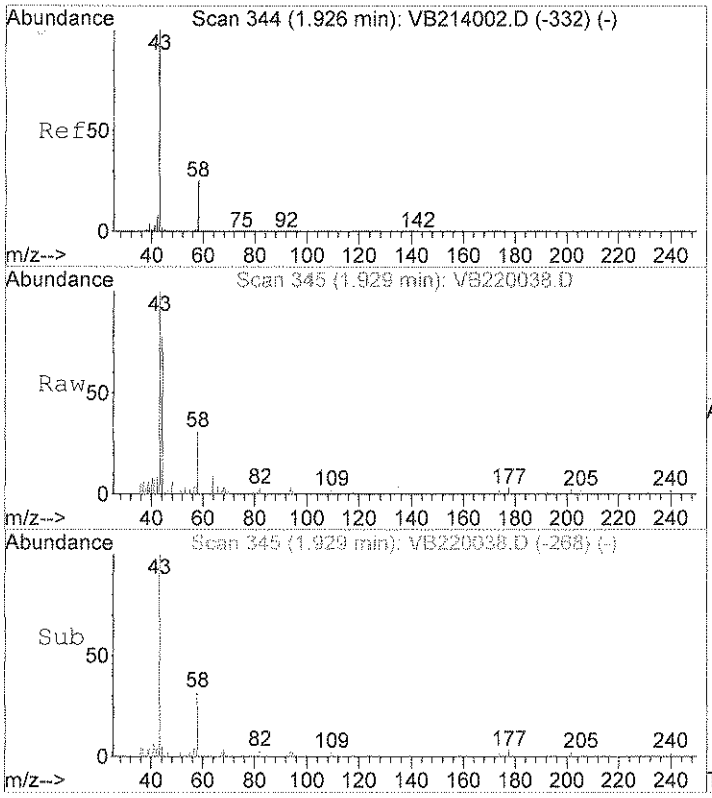
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	424543	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	705463	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	367142	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	338374	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	238919	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
42) TOLUENE-D8 SS	6.13	98	692298	25.41	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	274167	24.41	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.64%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	16458	8.00	UG/L	97
16) IODOMETHANE	2.00	142	3645	Below Cal	#	83
34) CHLOROFORM	3.74	83	4899	0.48	UG/L	97
39) BENZENE	4.28	78	20130	0.85	UG/L	98
44) TRICHLOROETHENE	4.93	95	3114m	0.52	UG/L	
53) TOLUENE	6.20	91	3658	0.14	UG/L	99

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220038.D
Acq On : 9 Aug 2011 12:51 am
Operator : LBD/MFF
Sample : 11H0217-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 09 08:50:52 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

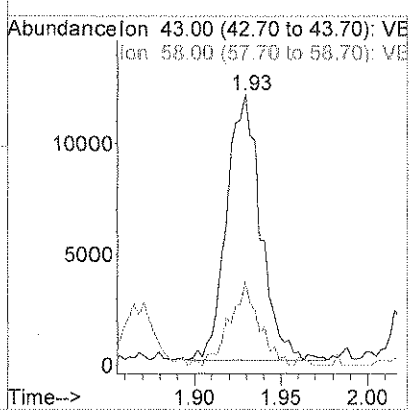


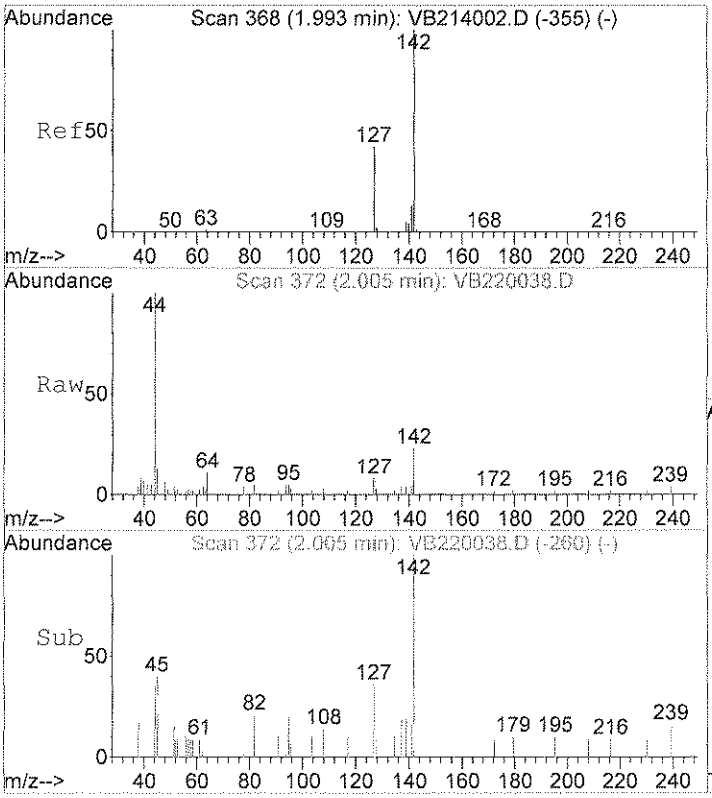


#13
ACETONE
Concen: 8.00 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB220038.D
Acq: 9 Aug 2011 12:51 am

Tgt Ion: 43 Resp: 16458

Ion	Ratio	Lower	Upper
43	100		
58	26.9	20.2	30.2

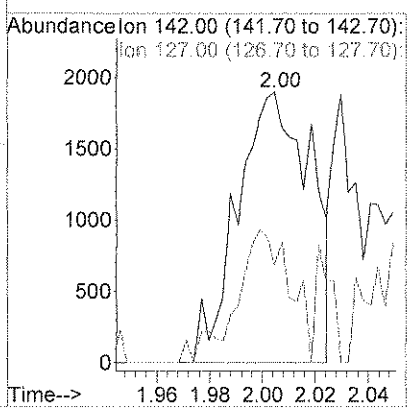


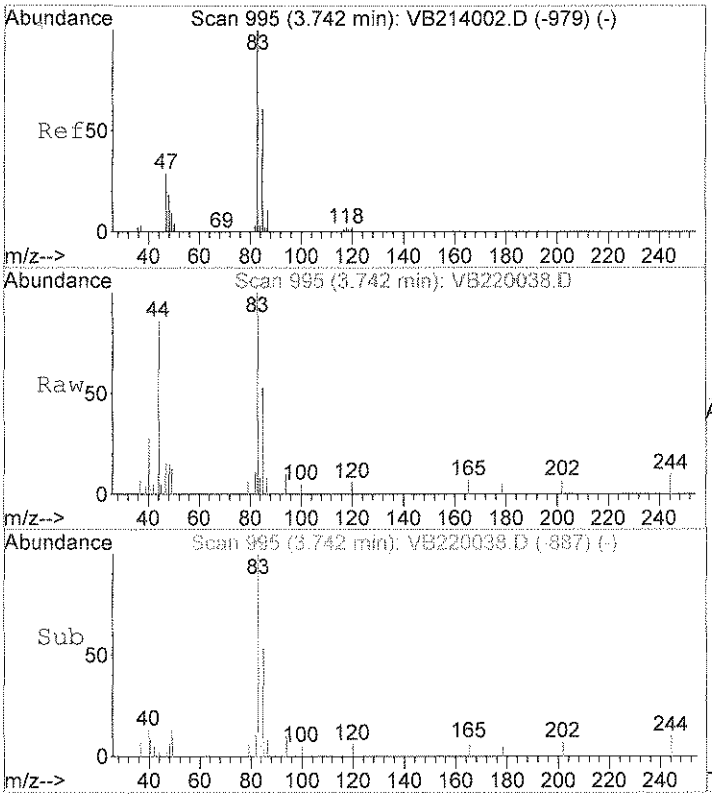


#16
IODOMETHANE
Concen: Below Cal
RT: 2.00 min Scan# 372
Delta R.T. 0.01 min
Lab File: VB220038.D
Acq: 9 Aug 2011 12:51 am

Tgt Ion:142 Resp: 3645

Ion	Ratio	Lower	Upper
142	100		
127	32.2	34.5	51.7#

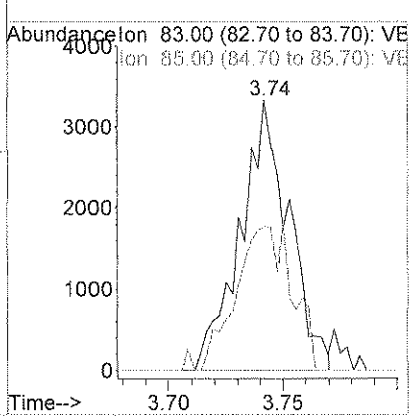


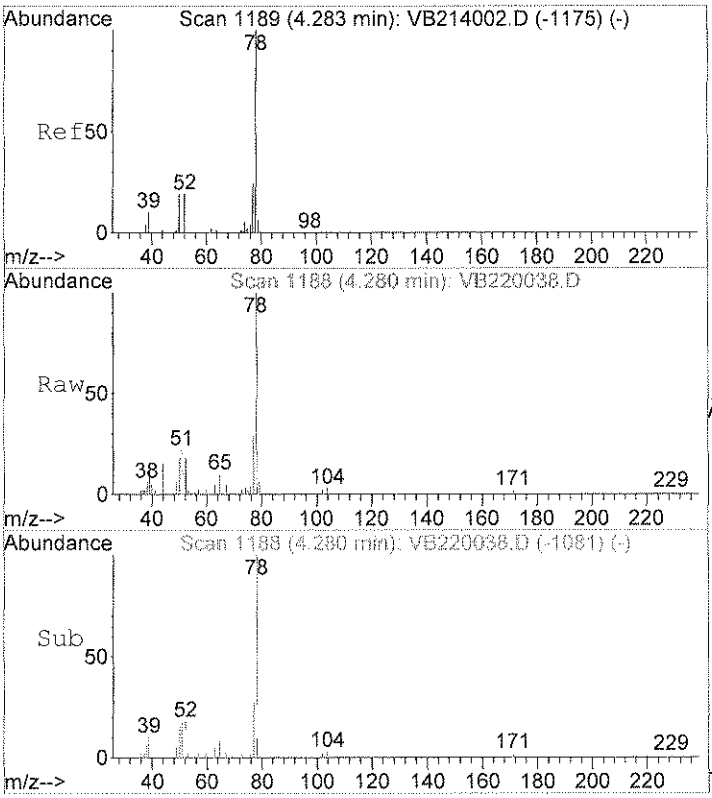


#34
CHLOROFORM
Concen: 0.48 UG/L
RT: 3.74 min Scan# 995
Delta R.T. -0.00 min
Lab File: VB220038.D
Acq: 9 Aug 2011 12:51 am

Tgt Ion: 83 Resp: 4899

Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.2	76.8

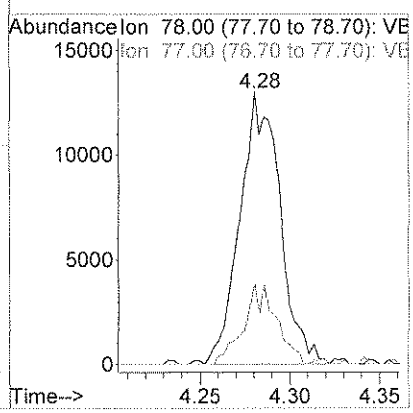


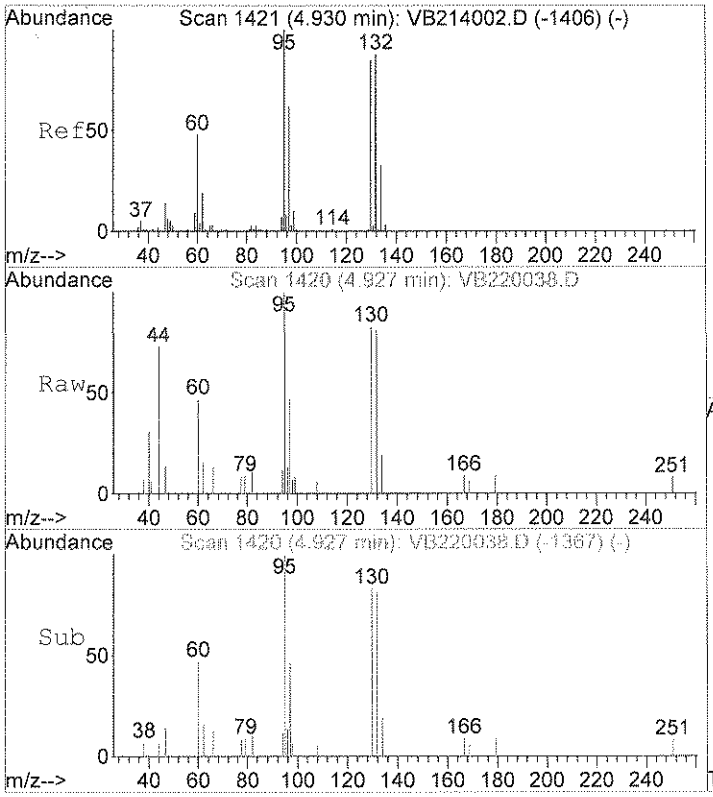


#39
BENZENE
Concen: 0.85 UG/L
RT: 4.28 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VB220038.D
Acq: 9 Aug 2011 12:51 am

Tgt Ion: 78 Resp: 20130

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.5	27.7

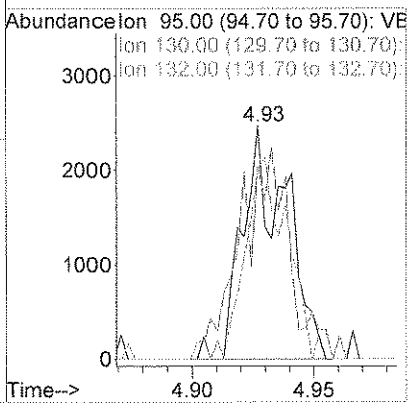


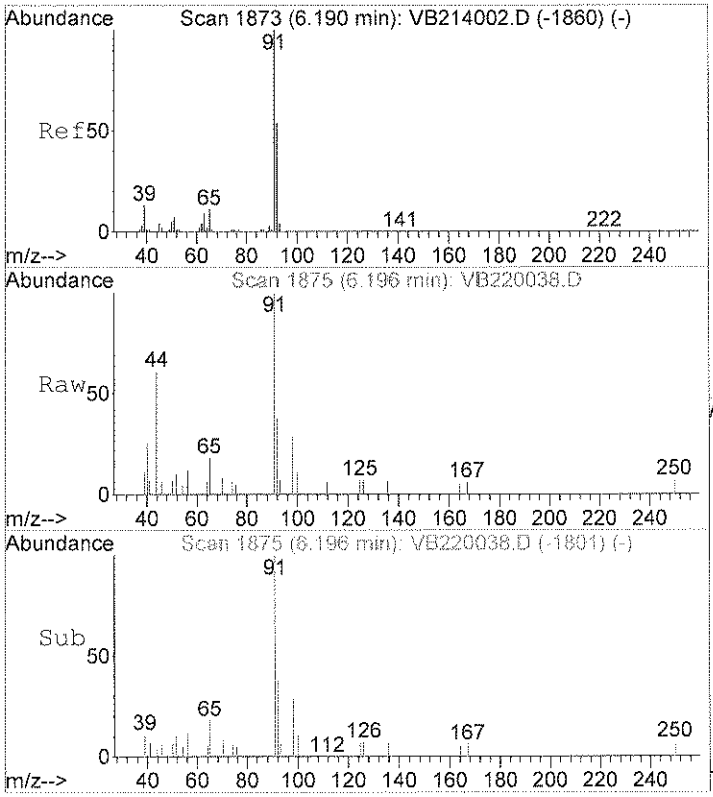


#44
TRICHLOROETHENE
Concen: 0.52 UG/L m
RT: 4.93 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VB220038.D
Acq: 9 Aug 2011 12:51 am

Tgt Ion: 95 Resp: 3114

Ion	Ratio	Lower	Upper
95	100		
130	36.4	77.0	115.6#
132	80.6	78.0	117.0

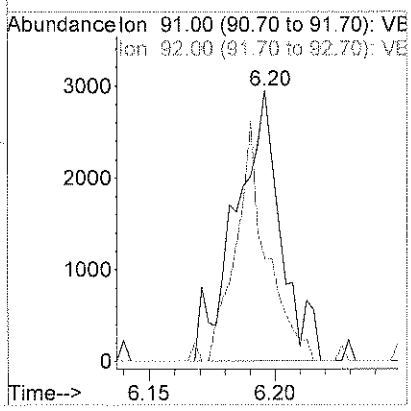




#53
TOLUENE
Concen: 0.14 UG/L
RT: 6.20 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VB220038.D
Acq: 9 Aug 2011 12:51 am

Tgt Ion: 91 Resp: 3658

Ion	Ratio	Lower	Upper
91	100		
92	60.7	47.8	71.6



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

1 - FORM I
ANALYSIS DATA SHEET

PW18-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-03	File ID:	VB220039.D
Sampled:	08/02/11 16:43	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 01:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	MS-09
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	1.0	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	MS-09
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW18-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-03	File ID:	VB220039.D
Sampled:	08/02/11 16:43	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 01:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	MS-09
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	MS-09
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	1.0	MS-09, V-05
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-03	File ID:	VB220039.D
Sampled:	08/02/11 16:43	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 01:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-03	File ID:	VB220039.D
Sampled:	08/02/11 16:43	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 01:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220039.D
Acq On : 9 Aug 2011 1:23 am
Operator : LBD/MFF
Sample : 11H0217-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

AUG 09 2011
CHECKED BY: MARK FLANIGAN

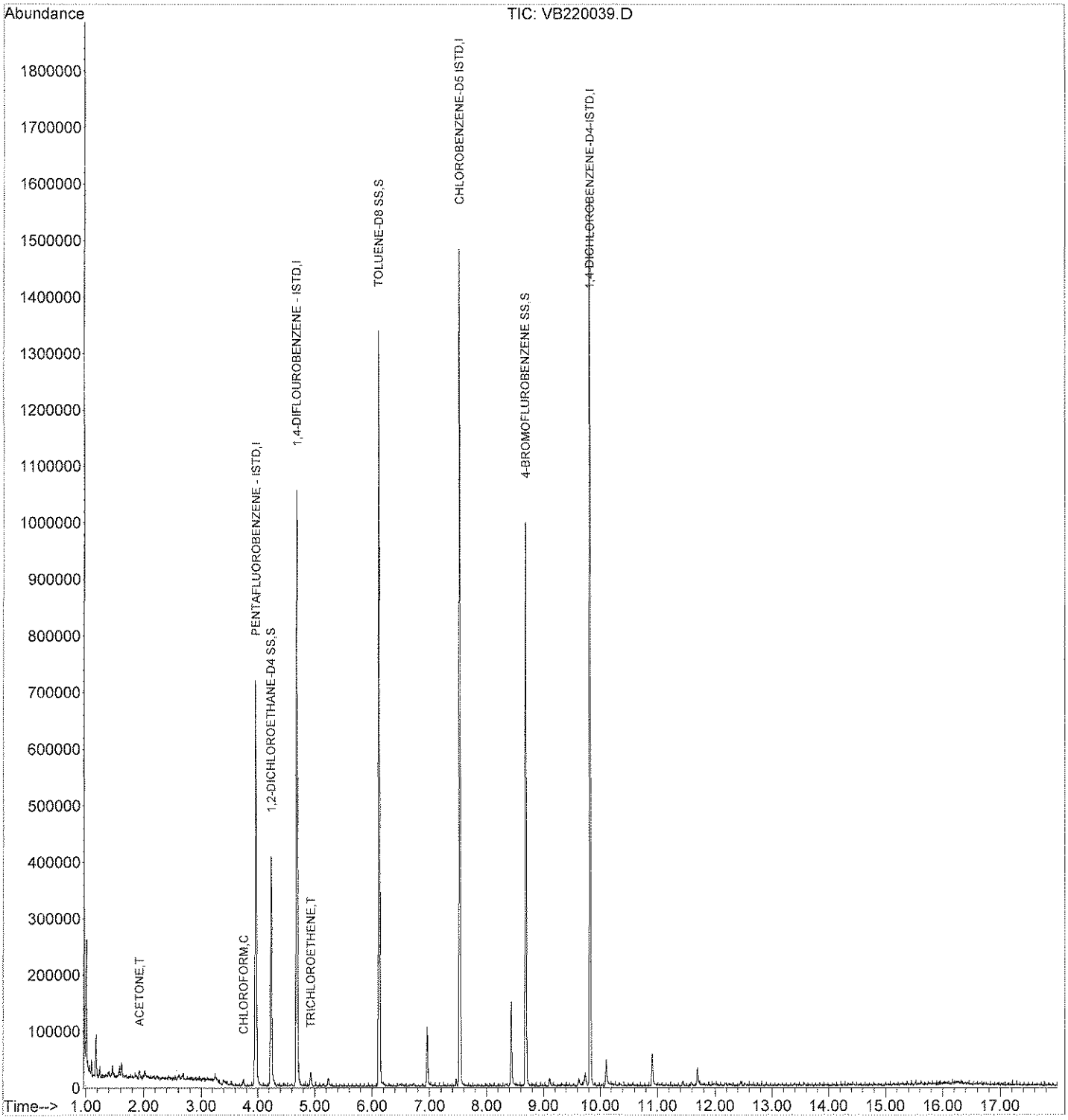
Quant Time: Aug 09 08:51:46 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

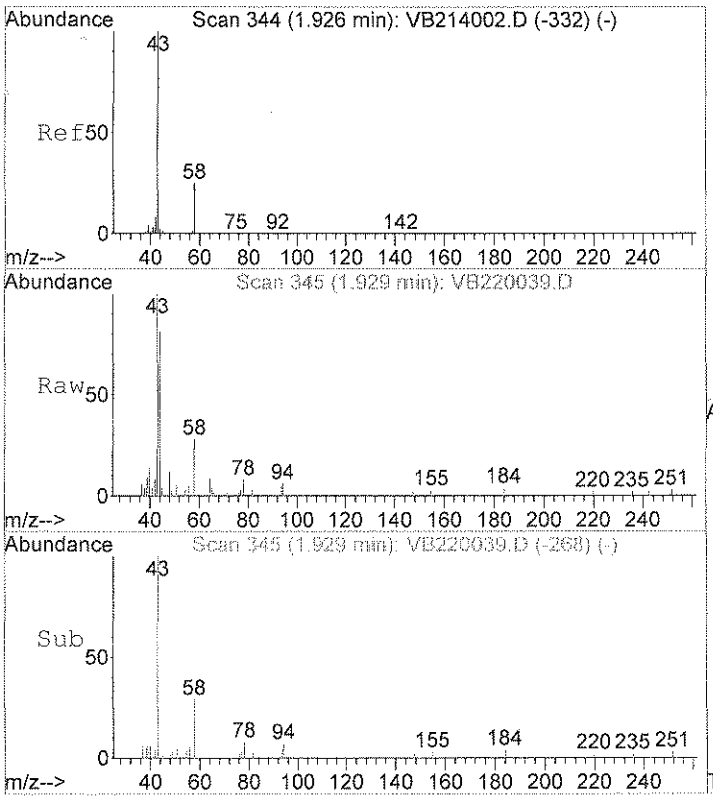
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	418086	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	698677	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	354319	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	330046	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	241549	25.80	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.20%			
42) TOLUENE-D8 SS	6.13	98	680812	25.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.92%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	272499	25.14	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.56%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	12682	6.26	UG/L	100
16) IODOMETHANE	2.00	142	3025	Below Cal	#	69
34) CHLOROFORM	3.75	83	4509	0.45	UG/L #	80
44) TRICHLOROETHENE	4.93	95	5818	0.97	UG/L	96

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220039.D
Acq On : 9 Aug 2011 1:23 am
Operator : LBD/MFF
Sample : 11H0217-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 09 08:51:46 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

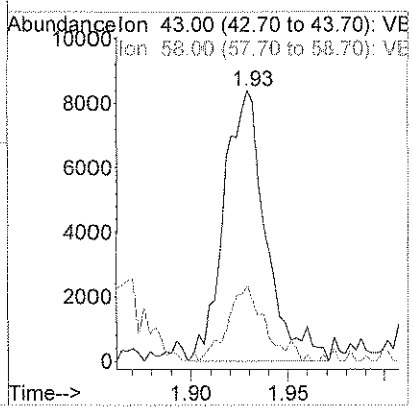


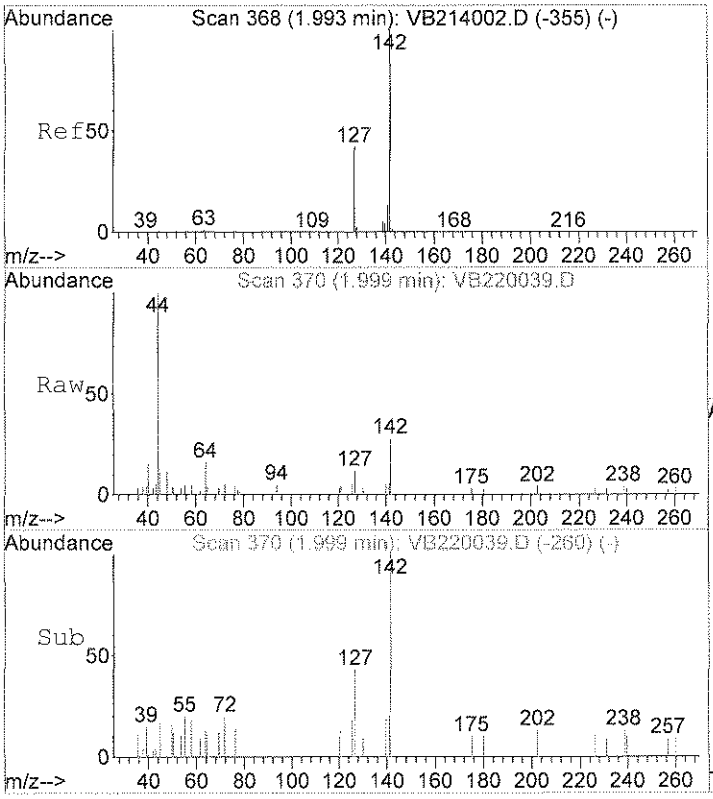


#13
ACETONE
Concen: 6.26 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB220039.D
Acq: 9 Aug 2011 1:23 am

Tgt Ion: 43 Resp: 12682

Ion	Ratio	Lower	Upper
43	100		
58	25.1	20.2	30.2

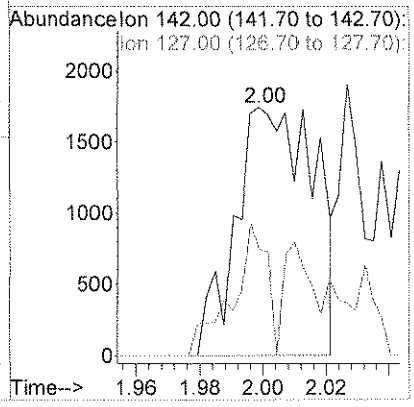


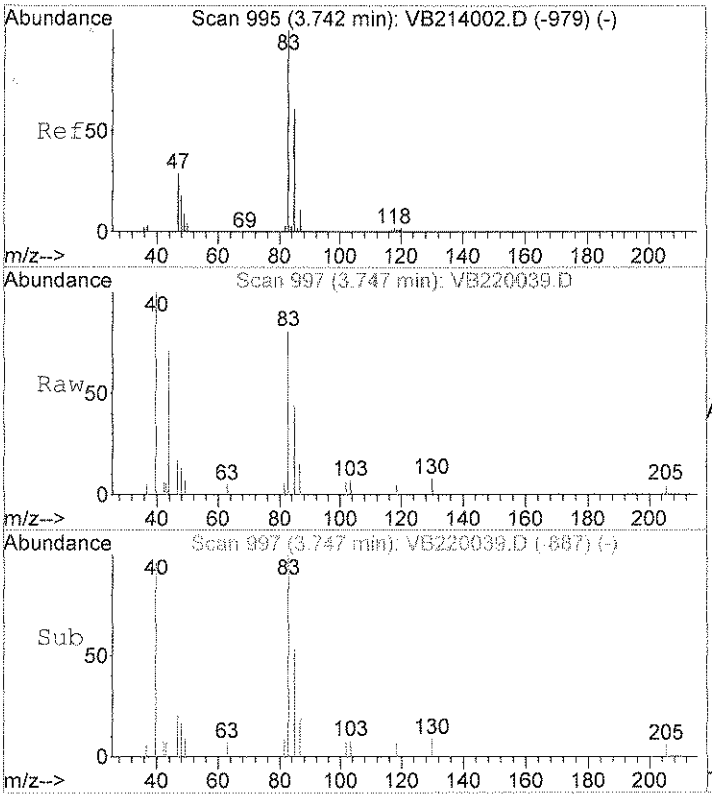


#16
IODOMETHANE
Concen: Below Cal
RT: 2.00 min Scan# 370
Delta R.T. 0.01 min
Lab File: VB220039.D
Acq: 9 Aug 2011 1:23 am

Tgt Ion:142 Resp: 3025

Ion	Ratio	Lower	Upper
142	100		
127	23.3	34.5	51.7#

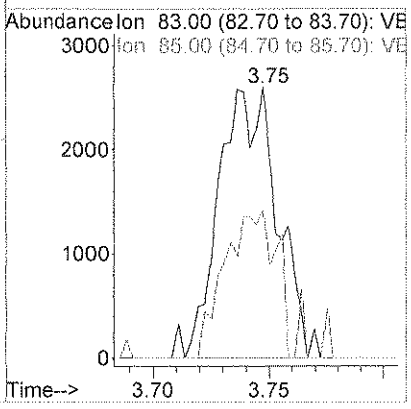


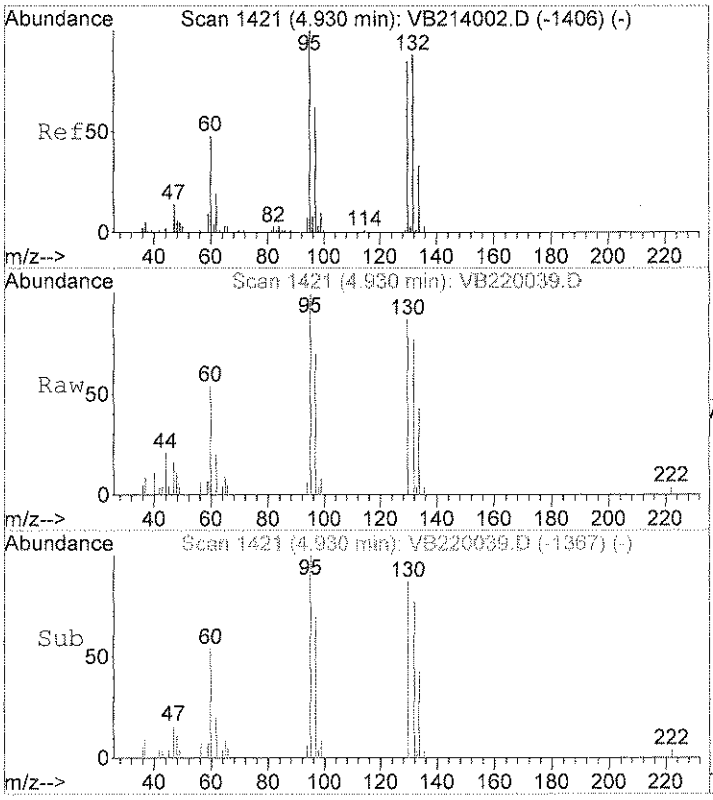


#34
CHLOROFORM
Concen: 0.45 UG/L
RT: 3.75 min Scan# 997
Delta R.T. 0.01 min
Lab File: VB220039.D
Acq: 9 Aug 2011 1:23 am

Tgt Ion: 83 Resp: 4509

Ion	Ratio	Lower	Upper
83	100		
85	48.7	51.2	76.8#

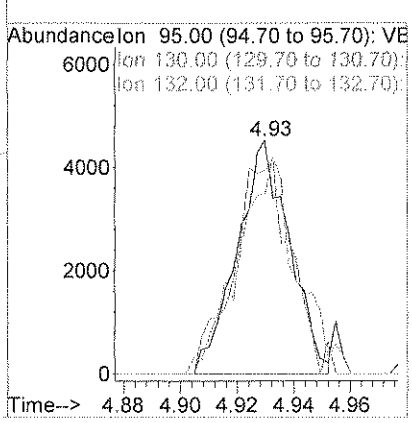




#44
TRICHLOROETHENE
Concen: 0.97 UG/L
RT: 4.93 min Scan# 1421
Delta R.T. -0.00 min
Lab File: VB220039.D
Acq: 9 Aug 2011 1:23 am

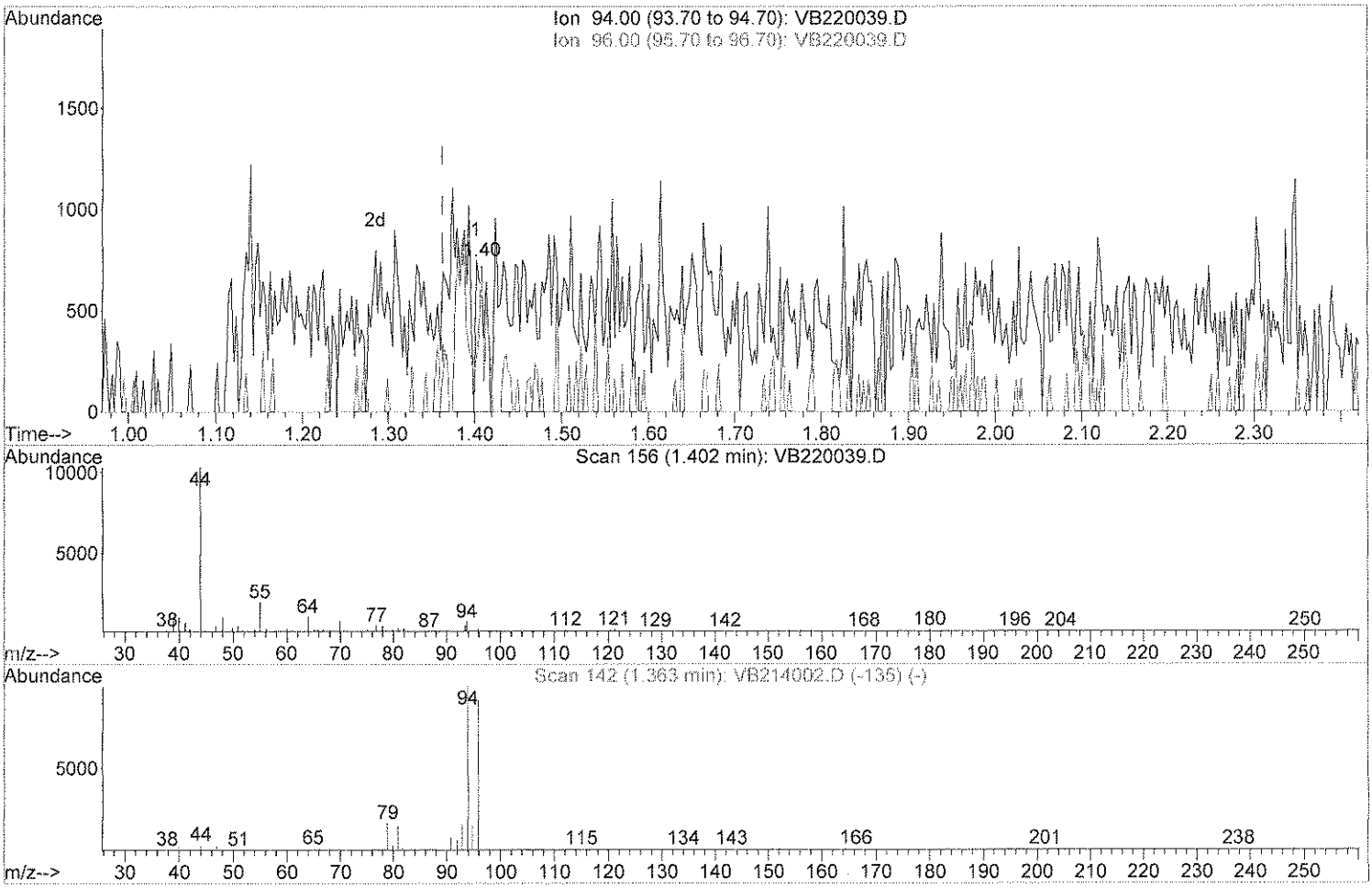
Tgt Ion: 95 Resp: 5818

Ion	Ratio	Lower	Upper
95	100		
130	99.8	77.0	115.6
132	102.8	78.0	117.0



Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220039.D
Acq On : 9 Aug 2011 1:23 am
Operator : LBD/MFF
Sample : 11H0217-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 09 05:33:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220039.D

(7) BROMOMETHANE (T)

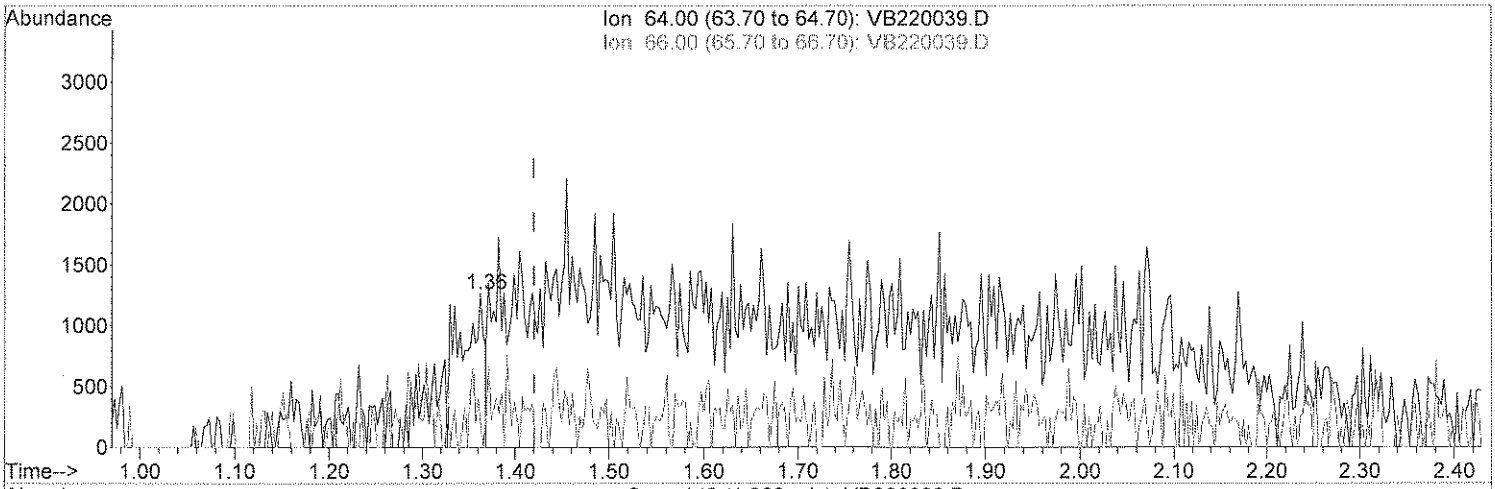
1.402min (+0.039) 0.19UG/L

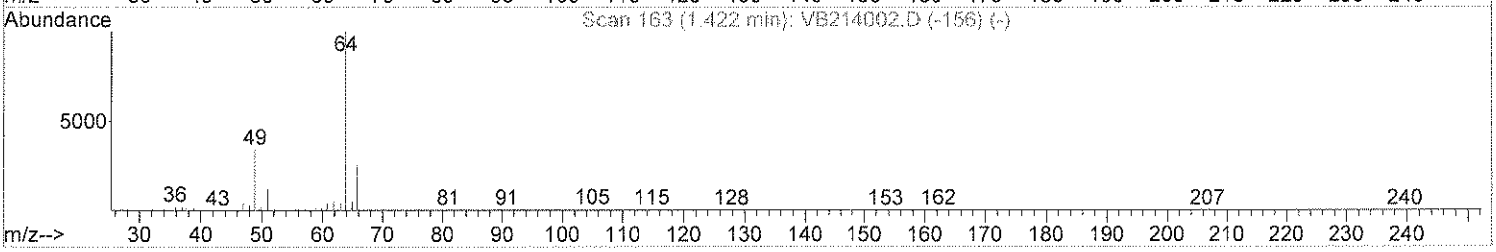
response 577

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	133.80#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220039.D
Acq On : 9 Aug 2011 1:23 am
Operator : LBD/MFF
Sample : 11H0217-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 09 05:33:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration





TIC: VB220039.D

(8) CHLOROETHANE (T)

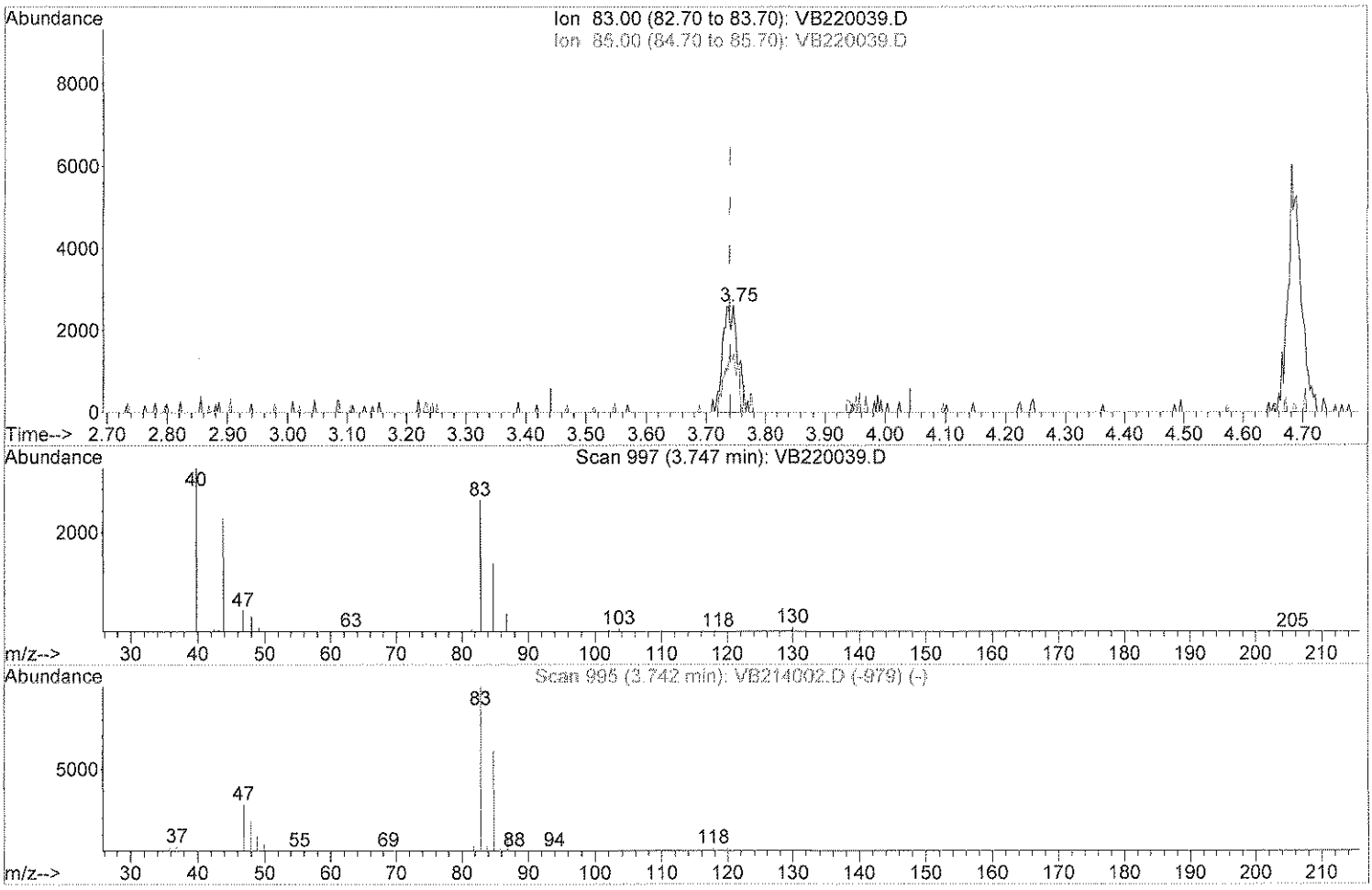
1.363min (-0.058) 0.72UG/L

response 2297

Ion	Exp%	Act%
64.00	100	100
66.00	30.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220039.D
Acq On : 9 Aug 2011 1:23 am
Operator : LBD/MFF
Sample : 11H0217-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 09 05:33:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220039.D

(34) CHLOROFORM (C)

3.747min (+0.005) 0.45UG/L

response 4509

Ion	Exp%	Act%
83.00	100	100
85.00	64.00	48.68#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-04	File ID:	VB220040.D
Sampled:	08/03/11 10:20	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 01:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene	1.5	0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	1.0	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW18-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-04	File ID:	VB220040.D
Sampled:	08/03/11 10:20	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 01:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW18-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-04	File ID:	VB220040.D
Sampled:	08/03/11 10:20	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 01:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW18-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-04	File ID:	VB220040.D
Sampled:	08/03/11 10:20	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 01:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220040.D
Acq On : 9 Aug 2011 1:54 am
Operator : LBD/MFF
Sample : 11H0217-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

CHECKED BY:
MARK FLAHIVE

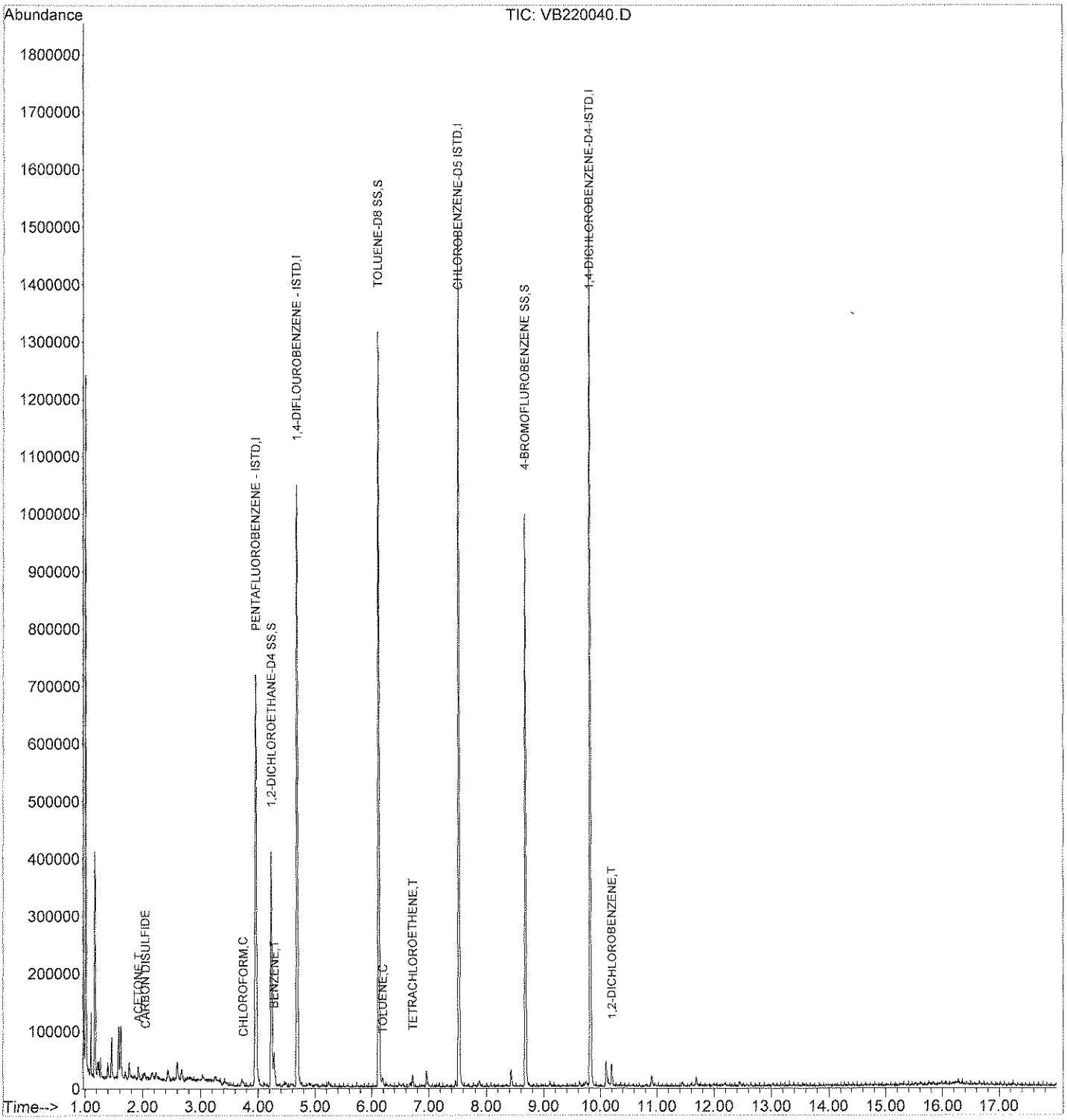
Quant Time: Aug 09 08:52:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

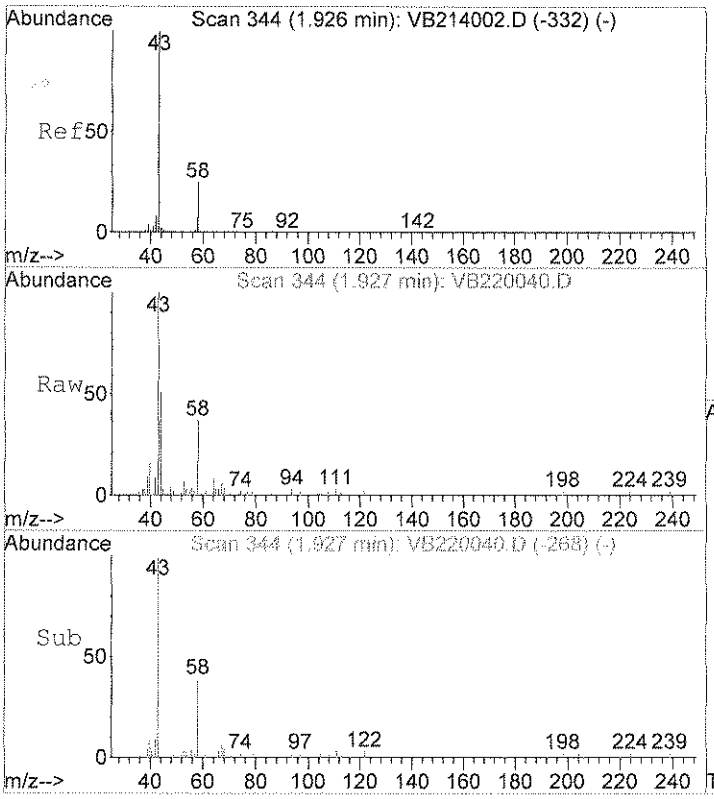
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	419278	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	699607	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	358016	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	325457	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	235482	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%			
42) TOLUENE-D8 SS	6.13	98	678806	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	265898	24.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.12%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	16601	8.18	UG/L	90
16) IODOMETHANE	2.11	142	511	Below Cal		98
21) CARBON DISULFIDE	2.04	76	4121	0.45	UG/L #	70
34) CHLOROFORM	3.75	83	3175	0.32	UG/L	98
39) BENZENE	4.28	78	35745	1.53	UG/L	93
53) TOLUENE	6.20	91	7057	0.28	UG/L	98
58) TETRACHLOROETHENE	6.72	164	2901	0.65	UG/L	94
89) 1,2-DICHLOROBENZENE	10.21	146	10967	0.87	UG/L	95

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220040.D
Acq On : 9 Aug 2011 1:54 am
Operator : LBD/MFF
Sample : 11H0217-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 09 08:52:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

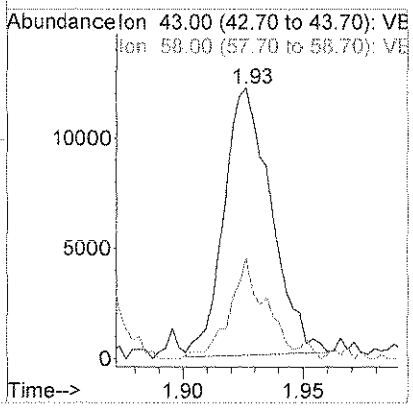


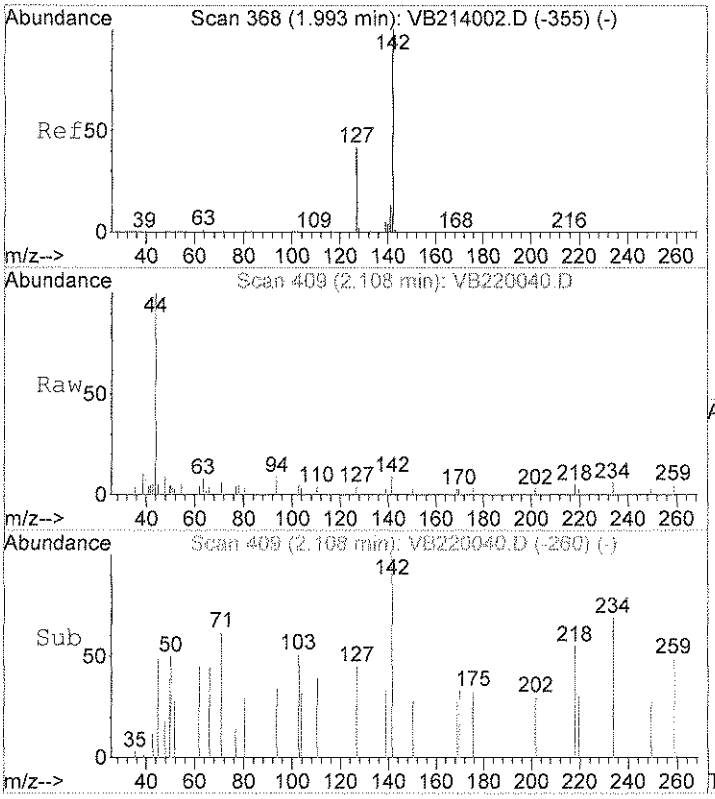


#13
ACETONE
Concen: 8.18 UG/L
RT: 1.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: VB220040.D
Acq: 9 Aug 2011 1:54 am

Tgt Ion: 43 Resp: 16601

Ion	Ratio	Lower	Upper
43	100		
58	30.2	20.2	30.2

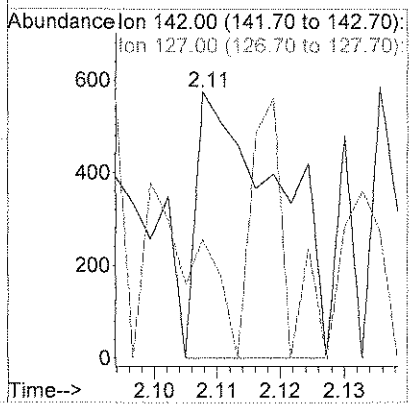


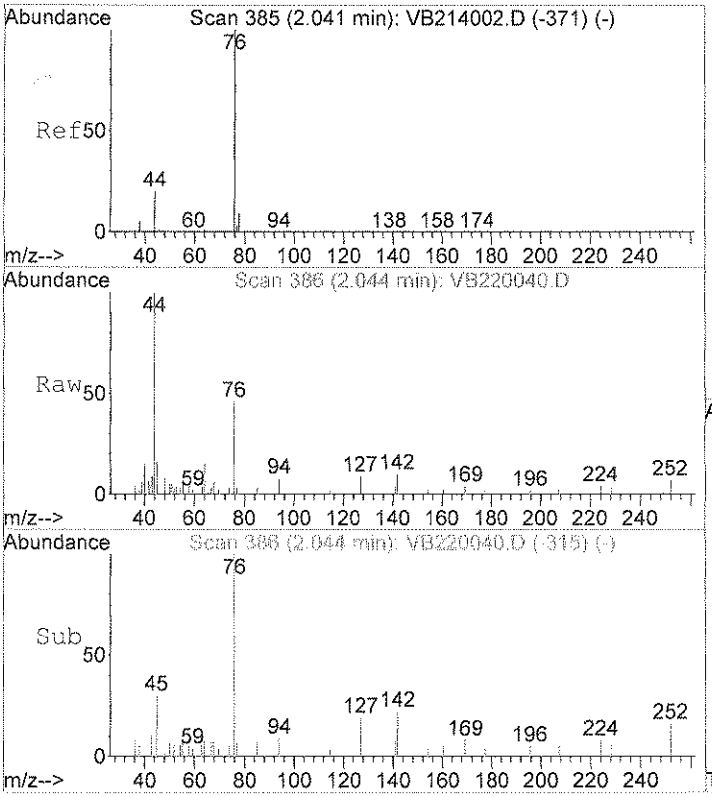


#16
IODOMETHANE
Concen: Below Cal
RT: 2.11 min Scan# 409
Delta R.T. 0.11 min
Lab File: VB220040.D
Acq: 9 Aug 2011 1:54 am

Tgt Ion:142 Resp: 511

Ion	Ratio	Lower	Upper
142	100		
127	42.1	34.5	51.7

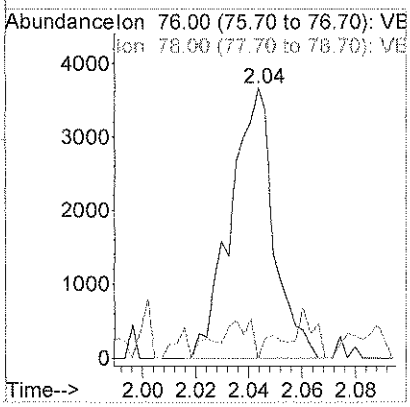


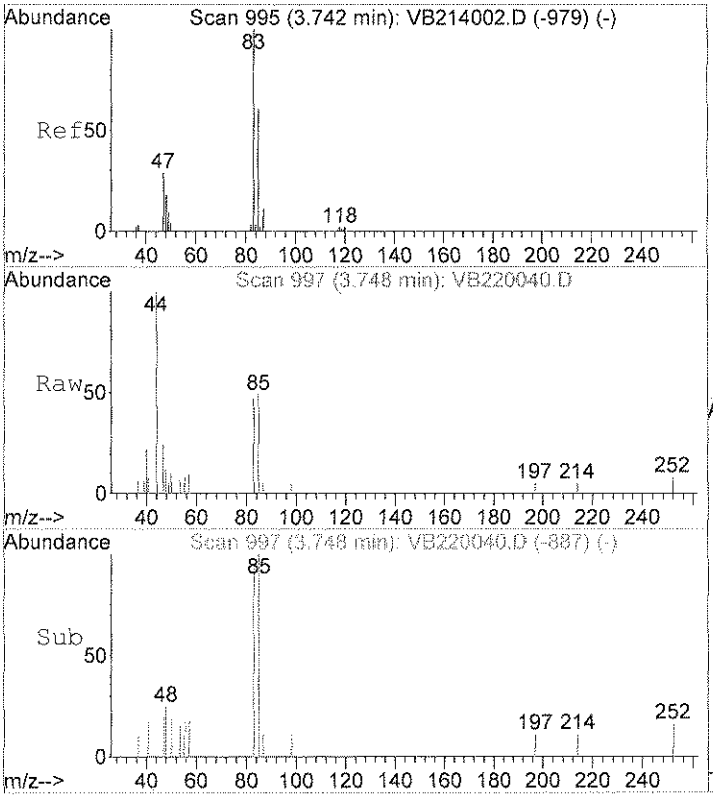


#21
CARBON DISULFIDE
Concen: 0.45 UG/L
RT: 2.04 min Scan# 386
Delta R.T. 0.00 min
Lab File: VB220040.D
Acq: 9 Aug 2011 1:54 am

Tgt Ion: 76 Resp: 4121

Ion	Ratio	Lower	Upper
76	100		
78	0.0	9.3	13.9#

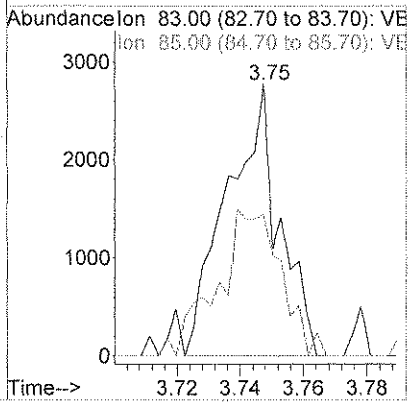


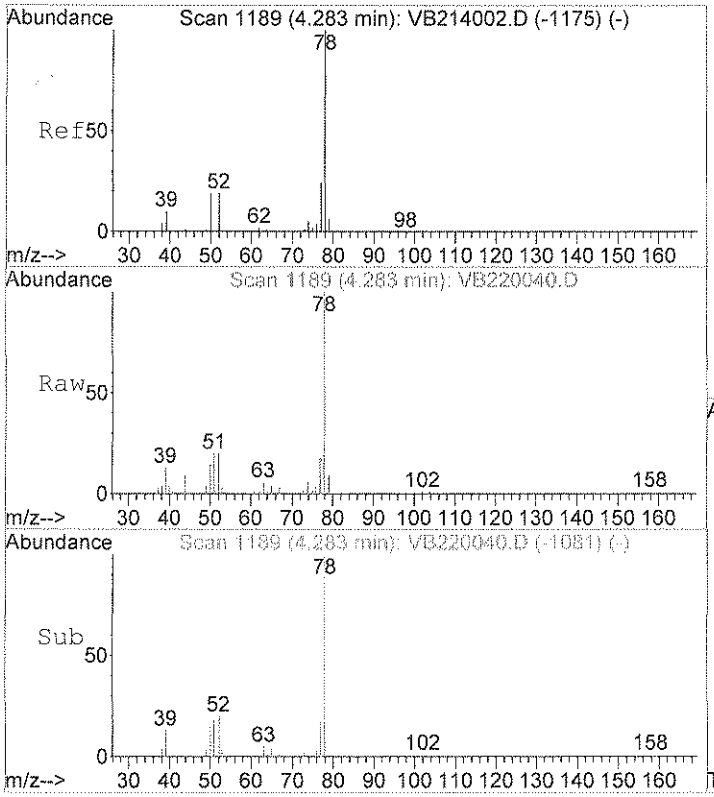


#34
CHLOROFORM
Concen: 0.32 UG/L
RT: 3.75 min Scan# 997
Delta R.T. 0.01 min
Lab File: VB220040.D
Acq: 9 Aug 2011 1:54 am

Tgt Ion: 83 Resp: 3175

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.2	76.8

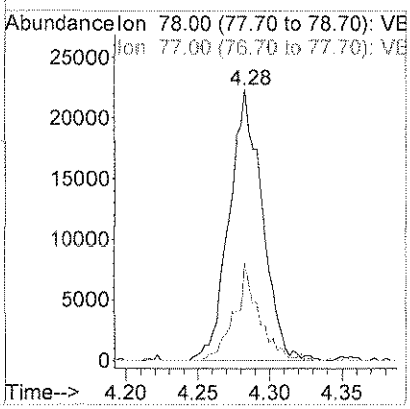


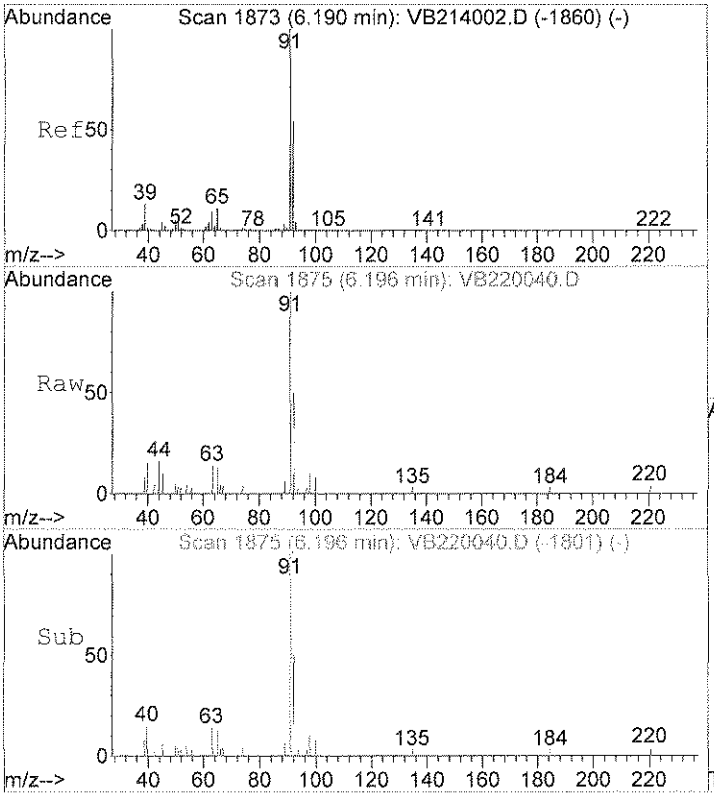


#39
BENZENE
Concen: 1.53 UG/L
RT: 4.28 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VB220040.D
Acq: 9 Aug 2011 1:54 am

Tgt Ion: 78 Resp: 35745

Ion	Ratio	Lower	Upper
78	100		
77	26.4	18.5	27.7

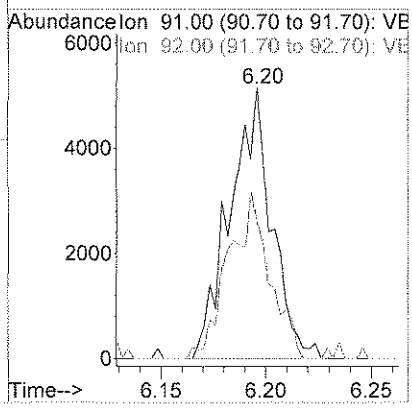


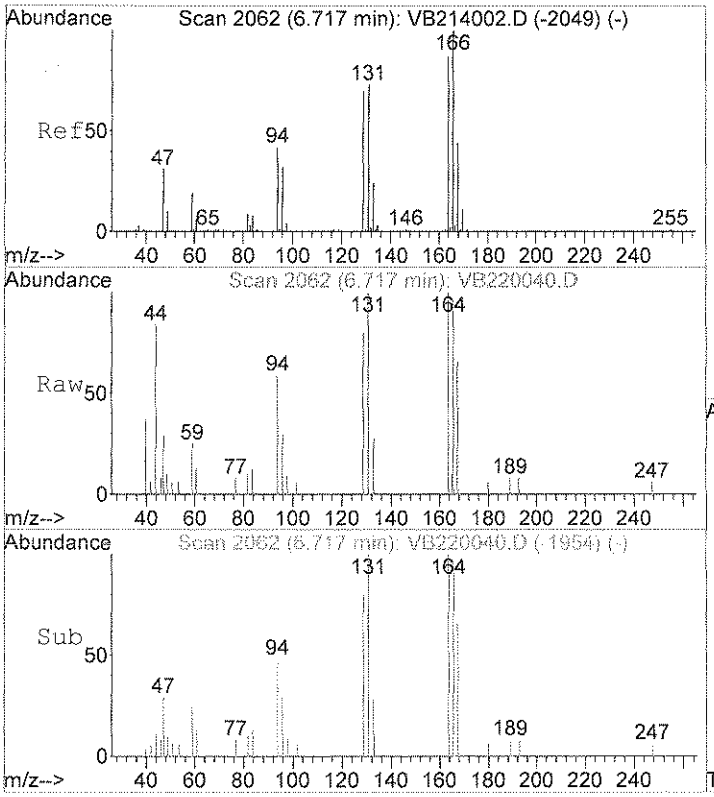


#53
TOLUENE
Concen: 0.28 UG/L
RT: 6.20 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VB220040.D
Acq: 9 Aug 2011 1:54 am

Tgt Ion: 91 Resp: 7057

Ion	Ratio	Lower	Upper
91	100		
92	60.8	47.8	71.6

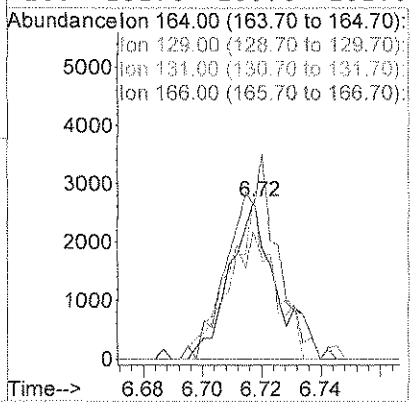


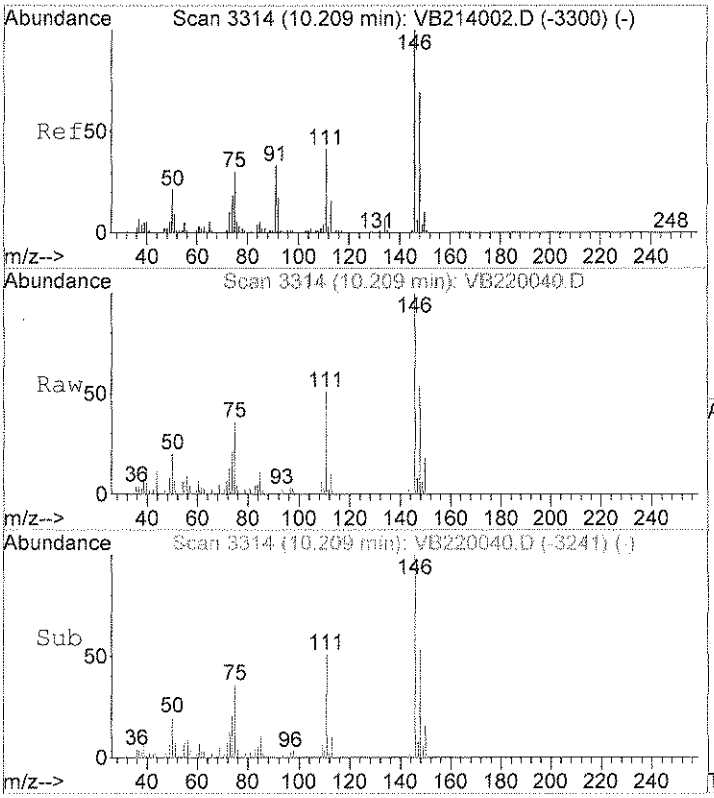


#58
TETRACHLOROETHENE
Concen: 0.65 UG/L
RT: 6.72 min Scan# 2062
Delta R.T. -0.00 min
Lab File: VB220040.D
Acq: 9 Aug 2011 1:54 am

Tgt Ion:164 Resp: 2901

Ion	Ratio	Lower	Upper
164	100		
129	94.8	70.1	105.1
131	93.7	70.2	105.4
166	131.6	100.6	151.0

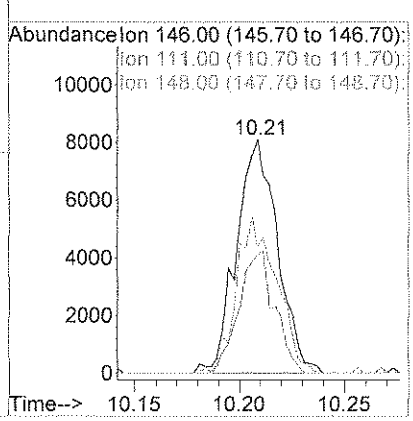




#89
1,2-DICHLOROBENZENE
Concen: 0.87 UG/L
RT: 10.21 min Scan# 3314
Delta R.T. 0.00 min
Lab File: VB220040.D
Acq: 9 Aug 2011 1:54 am

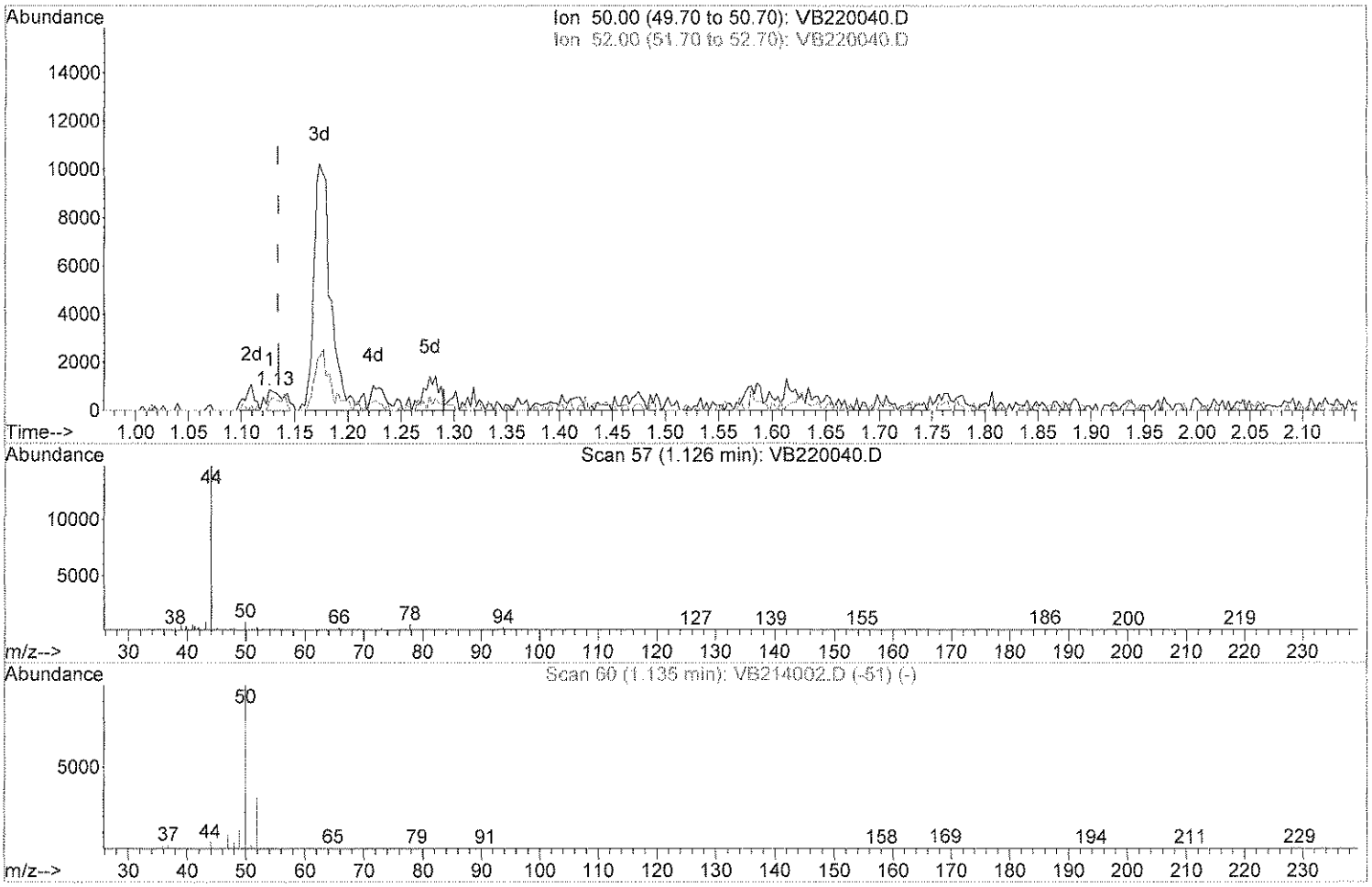
Tgt Ion:146 Resp: 10967

Ion	Ratio	Lower	Upper
146	100		
111	45.3	32.2	48.4
148	65.5	50.9	76.3



Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220040.D
Acq On : 9 Aug 2011 1:54 am
Operator : LBD/MFF
Sample : 11H0217-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 09 05:33:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220040.D

(5) CHLOROMETHANE (P)

1.126min (-0.008) 0.13UG/L

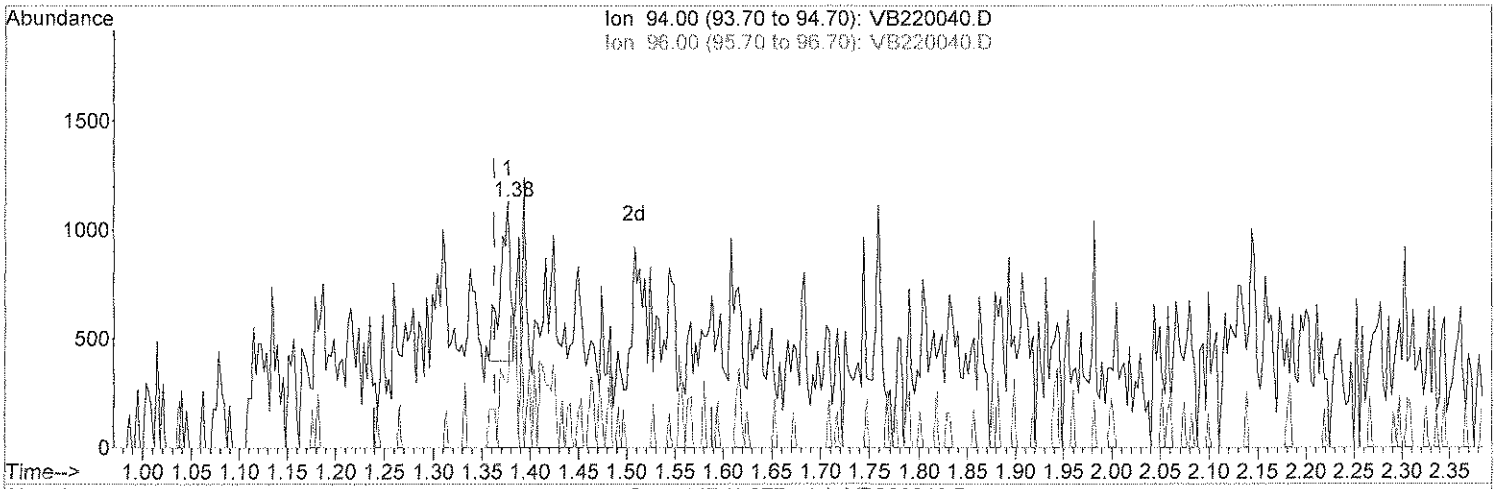
response 1027

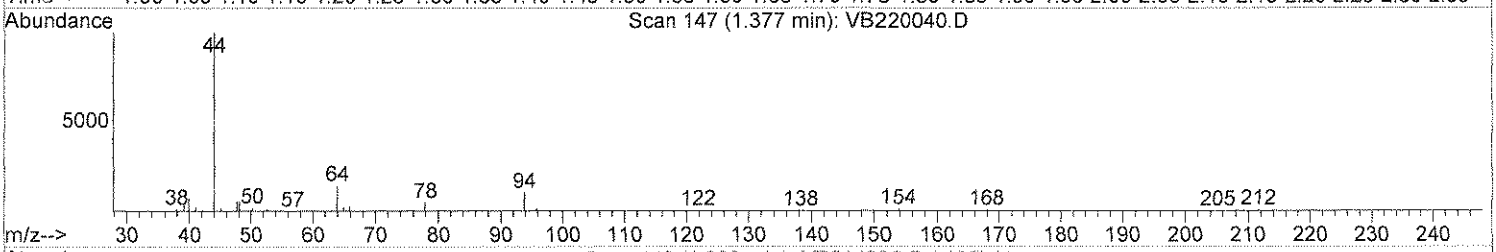
Ion	Exp%	Act%
50.00	100	100
52.00	30.70	49.56#
0.00	0.00	0.00
0.00	0.00	0.00

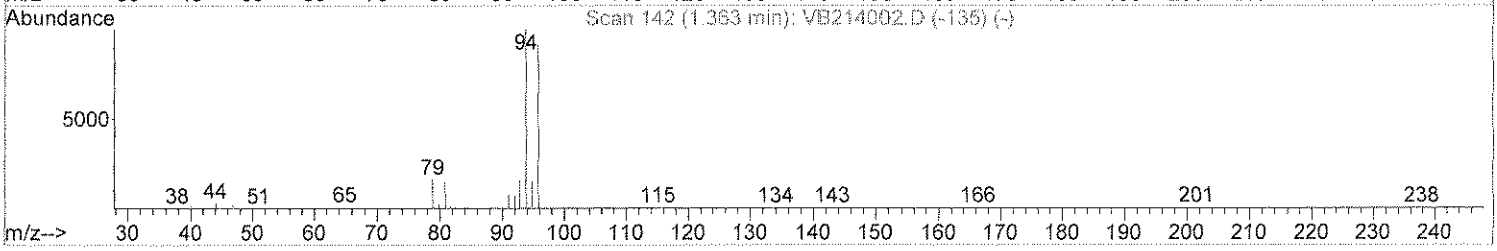
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220040.D
Acq On : 9 Aug 2011 1:54 am
Operator : LBD/MFF
Sample : 11H0217-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 09 05:33:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration







TIC: VB220040.D

(7) BROMOMETHANE (T)

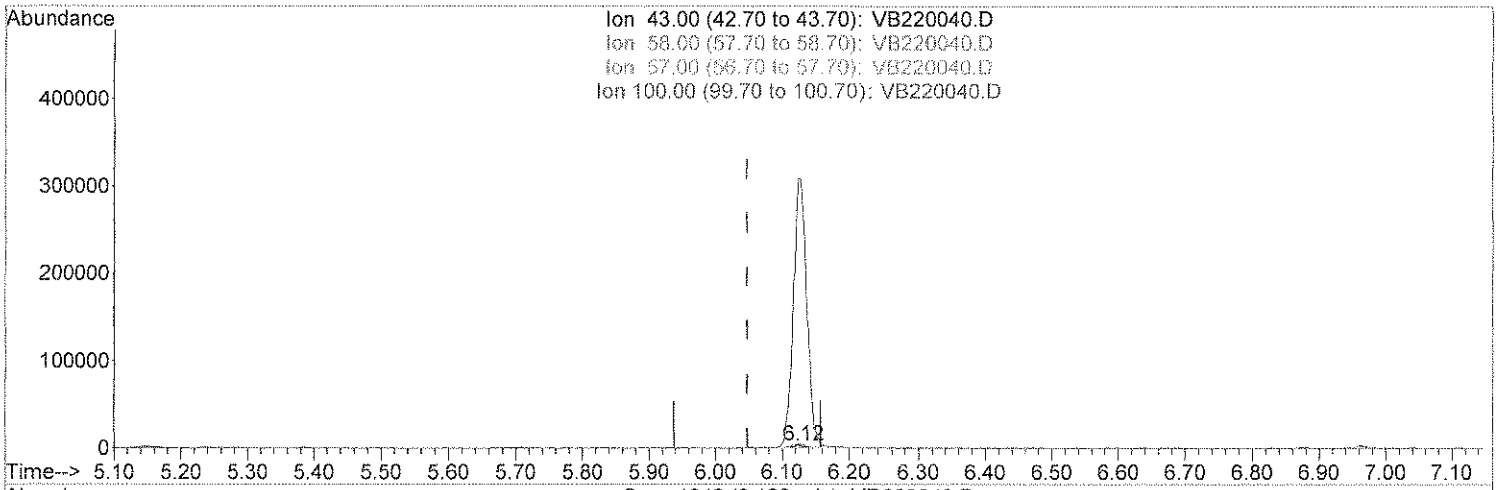
1.377min (+0.014) 0.18UG/L

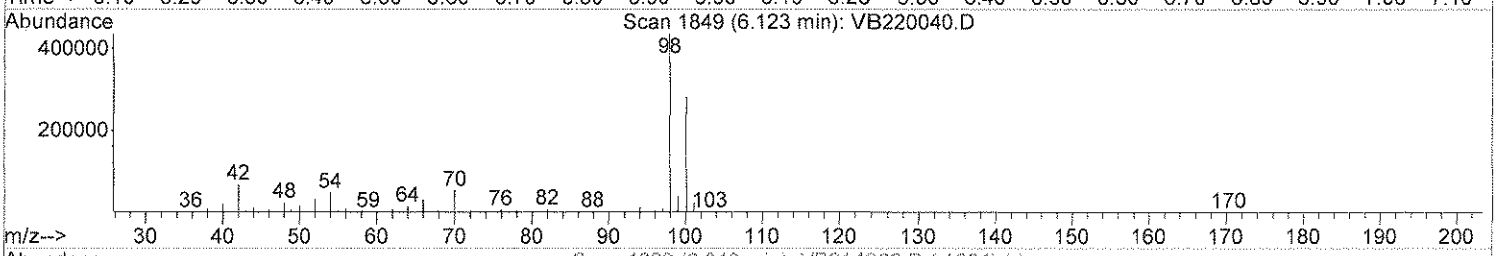
response 545

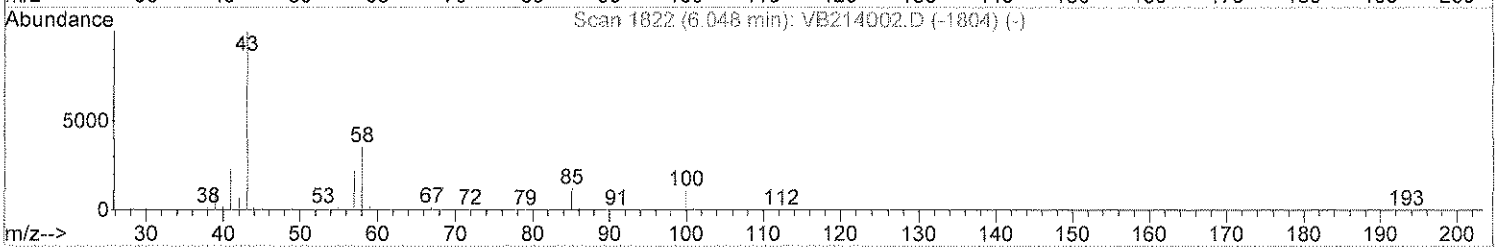
Ion	Exp%	Act%
94.00	100	100
96.00	92.50	92.11
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220040.D
Acq On : 9 Aug 2011 1:54 am
Operator : LBD/MFF
Sample : 11H0217-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 09 05:33:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration







TIC: VB220040.D

(51) MIBK (T)

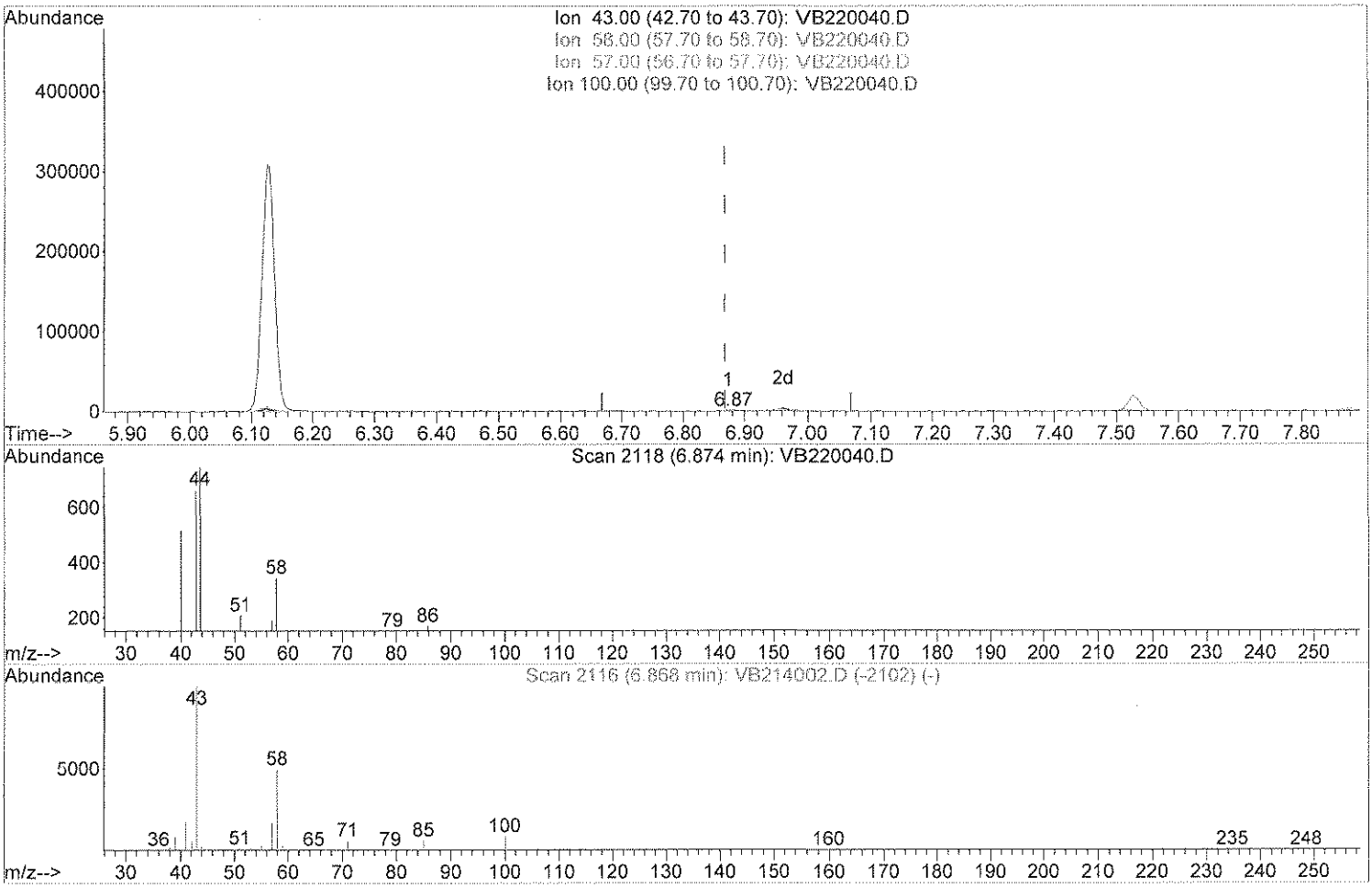
6.123min (+0.075) 0.46UG/L

response 3791

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	176.18#
57.00	24.10	0.00#
100.00	11.00	11312.58#

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220040.D
Acq On : 9 Aug 2011 1:54 am
Operator : LBD/MFF
Sample : 11H0217-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 09 05:33:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220040.D

(57) 2-HEXANONE

6.874min (+0.005) 0.15UG/L

response 829

Ion	Exp%	Act%
43.00	100	100
58.00	49.40	0.00#
57.00	17.60	0.00#
100.00	8.20	0.00#

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-05	File ID:	VB220041.D
Sampled:	08/03/11 15:35	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 02:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW18-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-05	File ID:	VB220041.D
Sampled:	08/03/11 15:35	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 02:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW18-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-05	File ID:	VB220041.D
Sampled:	08/03/11 15:35	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 02:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.4	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	5.2	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	V-05
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW18-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-05	File ID:	VB220041.D
Sampled:	08/03/11 15:35	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 02:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220041.D
Acq On : 9 Aug 2011 2:25 am
Operator : LBD/MFF
Sample : 11H0217-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

REVIEWED BY: MARK FLAHIVE AUG 09 2011

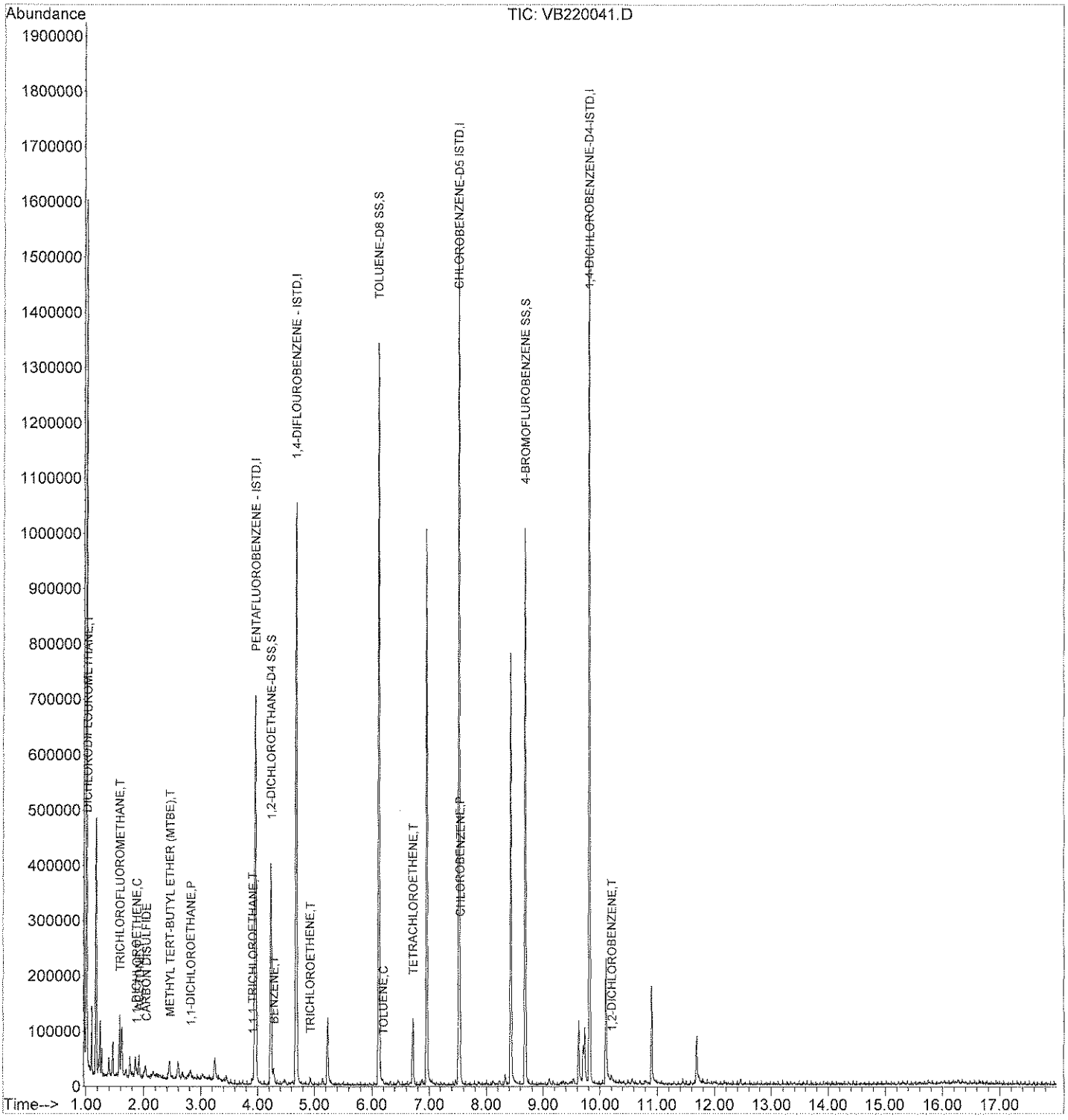
Quant Time: Aug 09 08:54:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

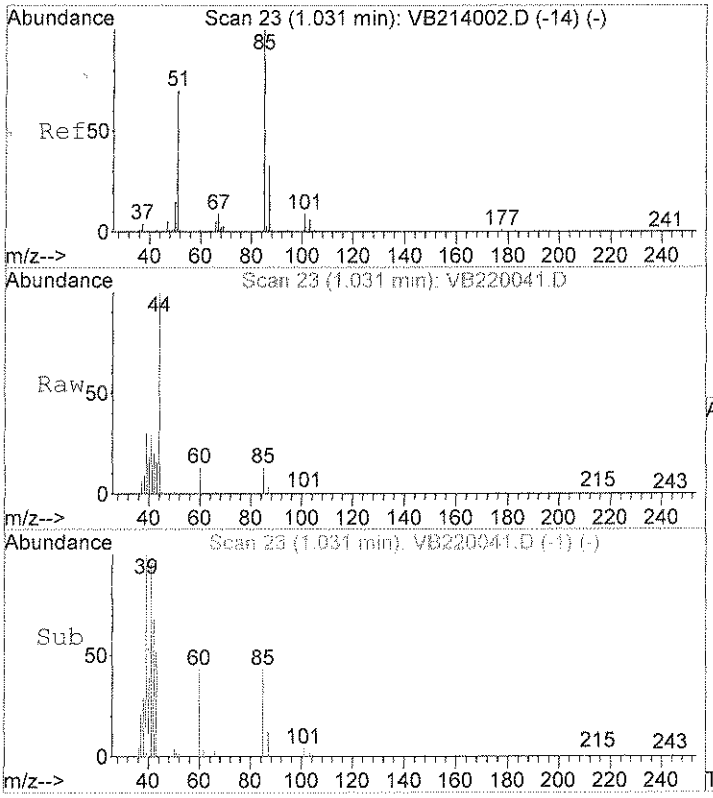
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	415817	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	692161	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	361960	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	339209	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	235247	25.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.04%				
42) TOLUENE-D8 SS	6.13	98	674090	25.22	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.88%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	274269	24.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.08%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	4343	0.65	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.58	101	1520	0.22	UG/L		90
13) ACETONE	1.93	43	35617	7.69	UG/L		96
14) 1,1-DICHLOROETHENE	1.89	61	4864	0.67	UG/L	#	88
16) IODOMETHANE	1.99	142	349	Below Cal		#	33
21) CARBON DISULFIDE	2.04	76	15674	1.74	UG/L	#	92
22) METHYL TERT-BUTYL ETHER (M	2.45	73	17947	1.38	UG/L		100
24) 1,1-DICHLOROETHANE	2.82	63	8331	0.97	UG/L		92
35) 1,1,1-TRICHLOROETHANE	3.91	97	5729	0.81	UG/L		85
39) BENZENE	4.28	78	16234	0.70	UG/L		96
44) TRICHLOROETHENE	4.92	95	2520	0.43	UG/L	#	74
53) TOLUENE	6.19	91	4124	0.16	UG/L		89
58) TETRACHLOROETHENE	6.71	164	22650	5.16	UG/L		98
64) CHLOROBENZENE	7.55	112	6778	0.40	UG/L	#	47
89) 1,2-DICHLOROBENZENE	10.21	146	2867	0.22	UG/L	#	79

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220041.D
Acq On : 9 Aug 2011 2:25 am
Operator : LBD/MFF
Sample : 11H0217-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 09 08:54:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

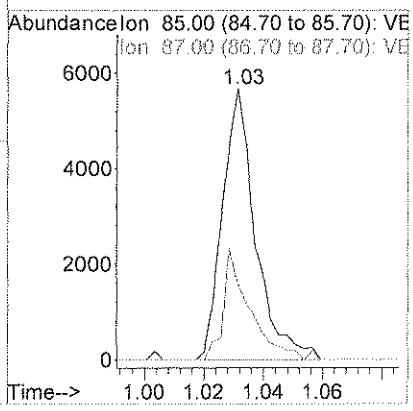


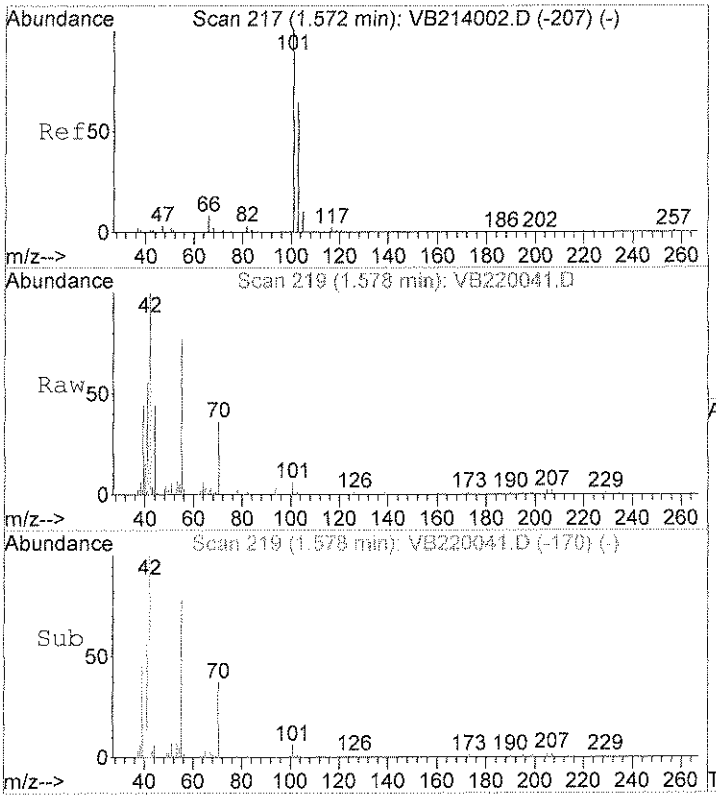


#3
DICHLORODIFLOUROMETHANE
Concen: 0.65 UG/L
RT: 1.03 min Scan# 23
Delta R.T. -0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 85 Resp: 4343

Ion	Ratio	Lower	Upper
85	100		
87	32.9	25.6	38.4

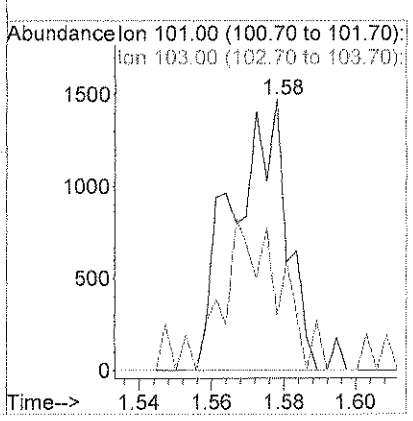


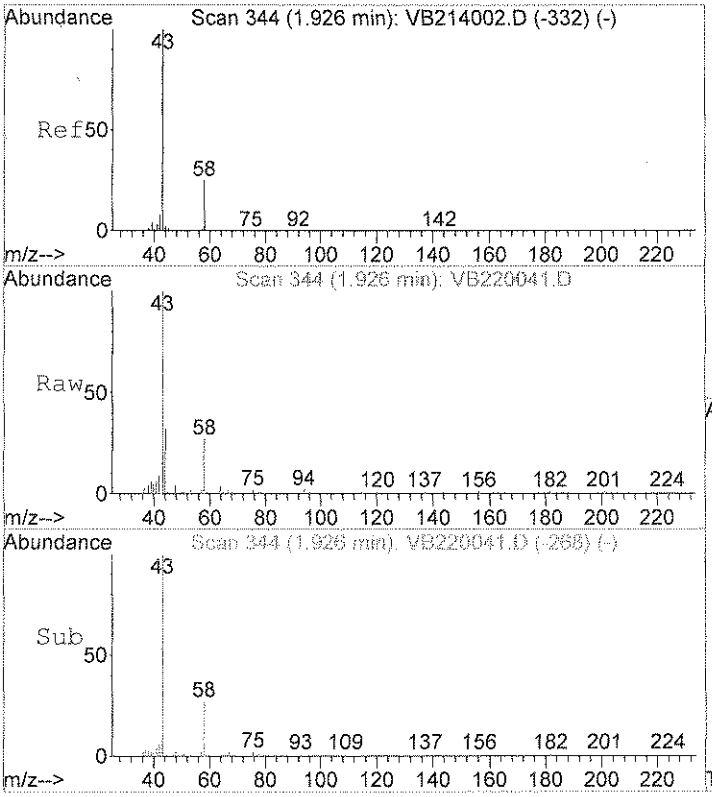


#10
TRICHLOROFLUOROMETHANE
Concen: 0.22 UG/L
RT: 1.58 min Scan# 219
Delta R.T. 0.01 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion:101 Resp: 1520

Ion	Ratio	Lower	Upper
101	100		
103	56.3	51.2	76.8

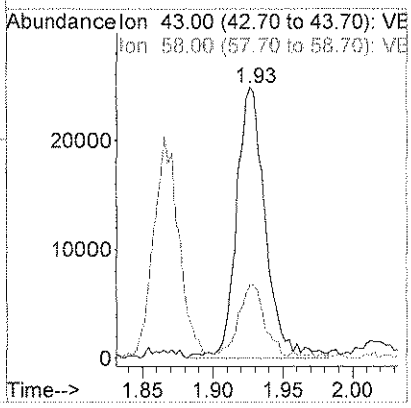


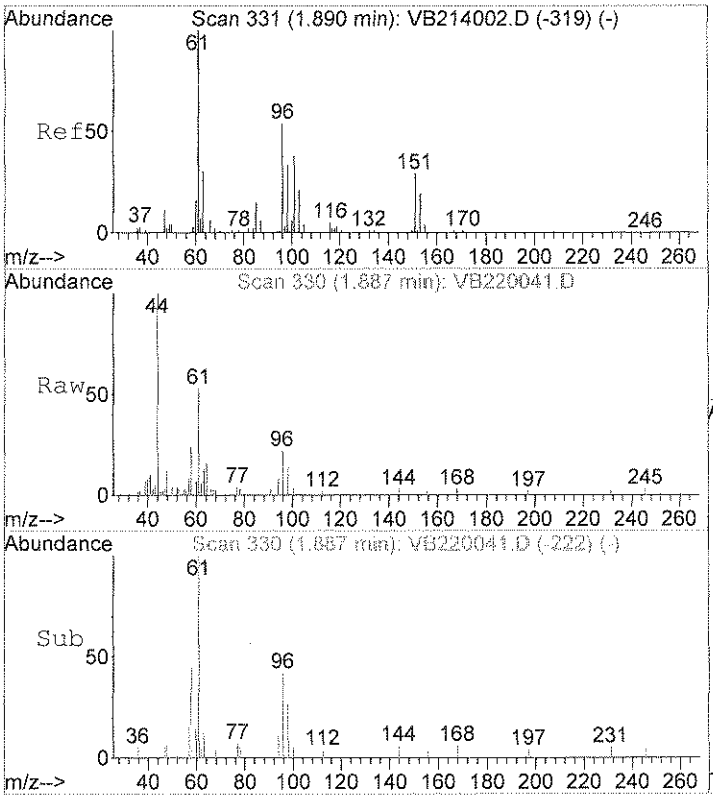


#13
ACETONE
Concen: 17.69 UG/L
RT: 1.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 43 Resp: 35617

Ion	Ratio	Lower	Upper
43	100		
58	23.2	20.2	30.2

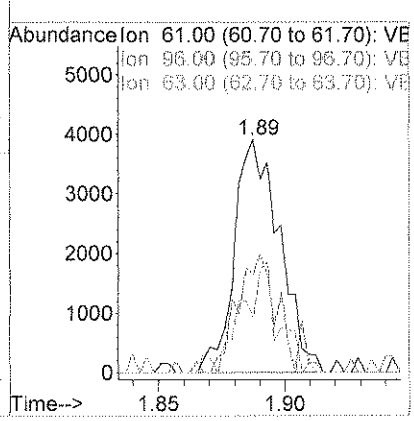


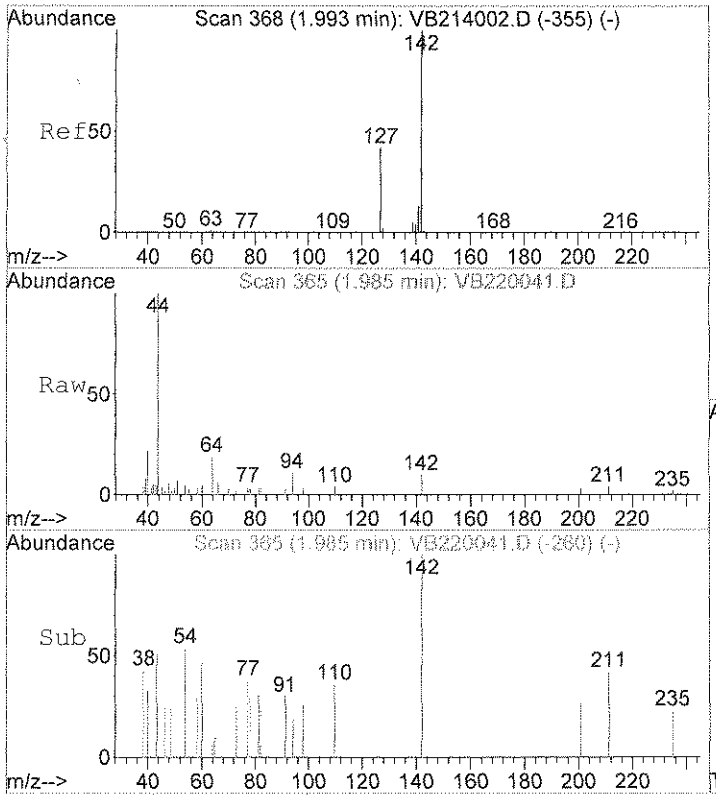


#14
1,1-DICHLOROETHENE
Concen: 0.67 UG/L
RT: 1.89 min Scan# 330
Delta R.T. -0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 61 Resp: 4864

Ion	Ratio	Lower	Upper
61	100		
96	42.9	39.8	59.8
63	39.4	24.6	37.0#

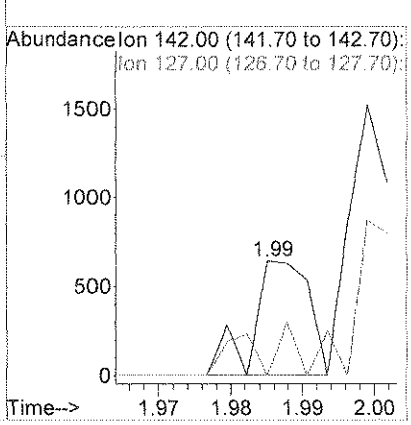


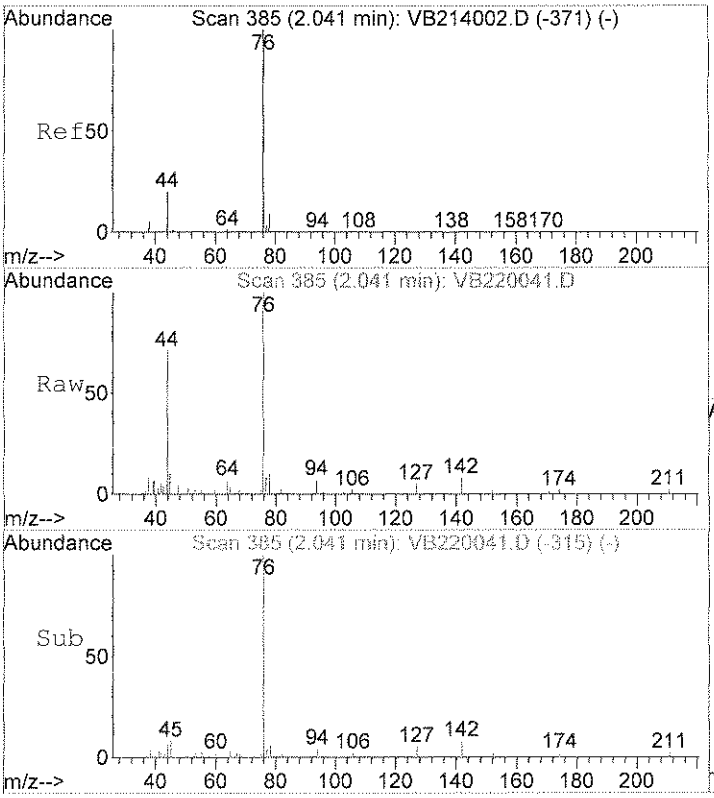


#16
IODOMETHANE
Concen: Below Cal
RT: 1.99 min Scan# 365
Delta R.T. -0.01 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion:142 Resp: 349

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.5	51.7#

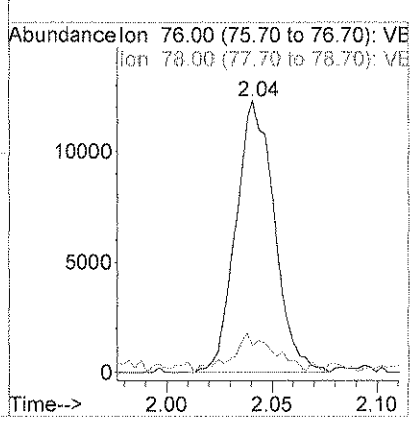


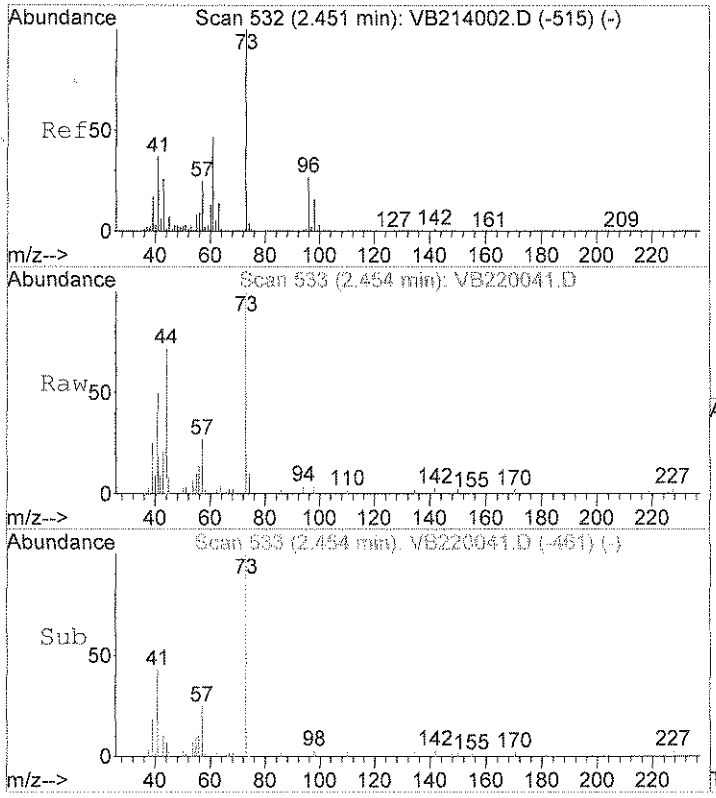


#21
CARBON DISULFIDE
Concen: 1.74 UG/L
RT: 2.04 min Scan# 385
Delta R.T. 0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 76 Resp: 15674

Ion	Ratio	Lower	Upper
76	100		
78	14.6	9.3	13.9#

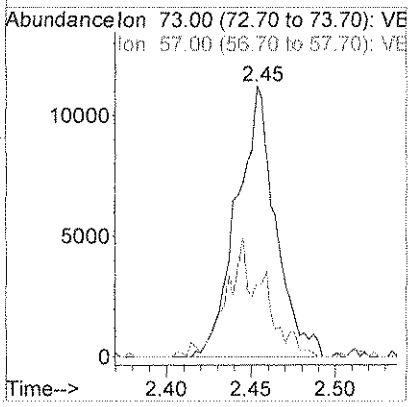


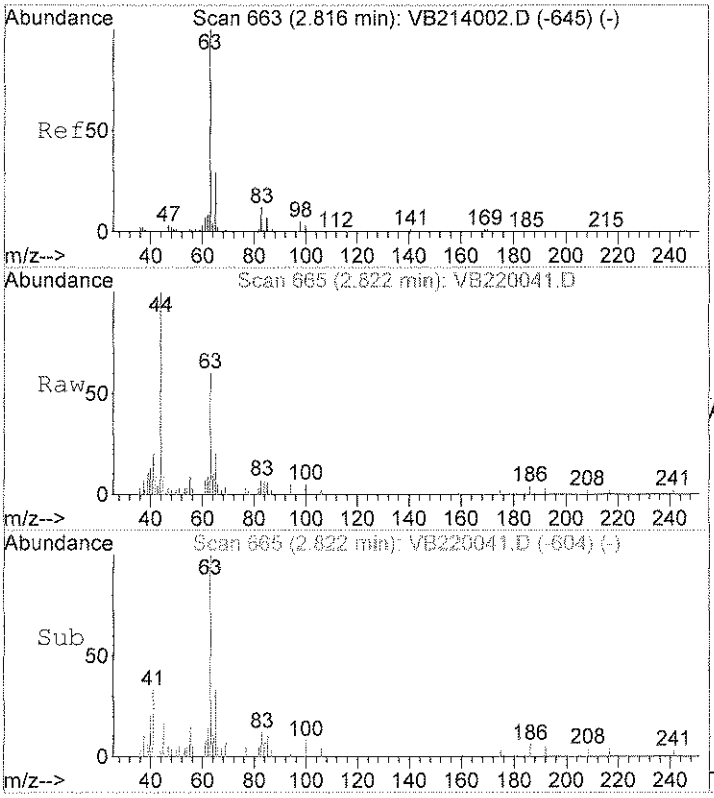


#22
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.38 UG/L
RT: 2.45 min Scan# 533
Delta R.T. -0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 73 Resp: 17947

Ion	Ratio	Lower	Upper
73	100		
57	26.2	21.1	31.7

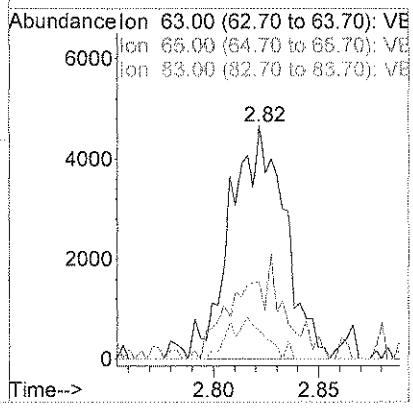


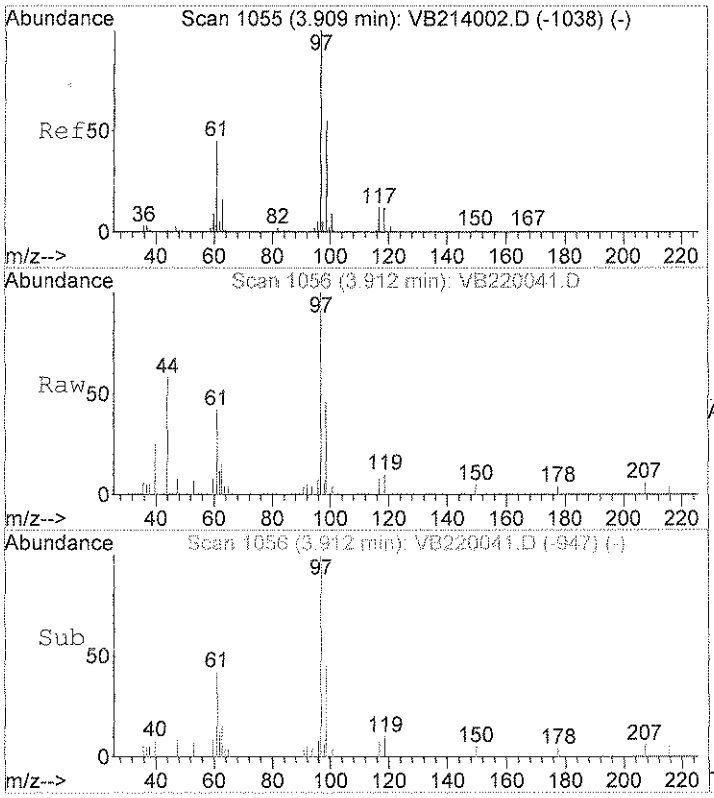


#24
1,1-DICHLOROETHANE
Concen: 0.97 UG/L
RT: 2.82 min Scan# 665
Delta R.T. -0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 63 Resp: 8331

Ion	Ratio	Lower	Upper
63	100		
65	24.3	23.9	35.9
83	11.3	9.4	14.0

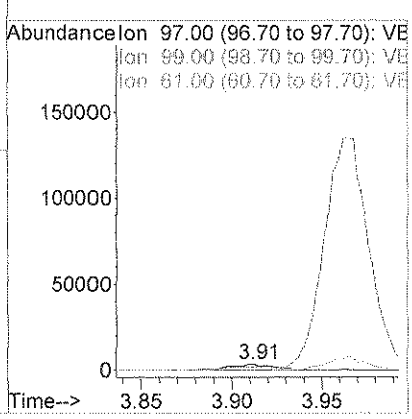


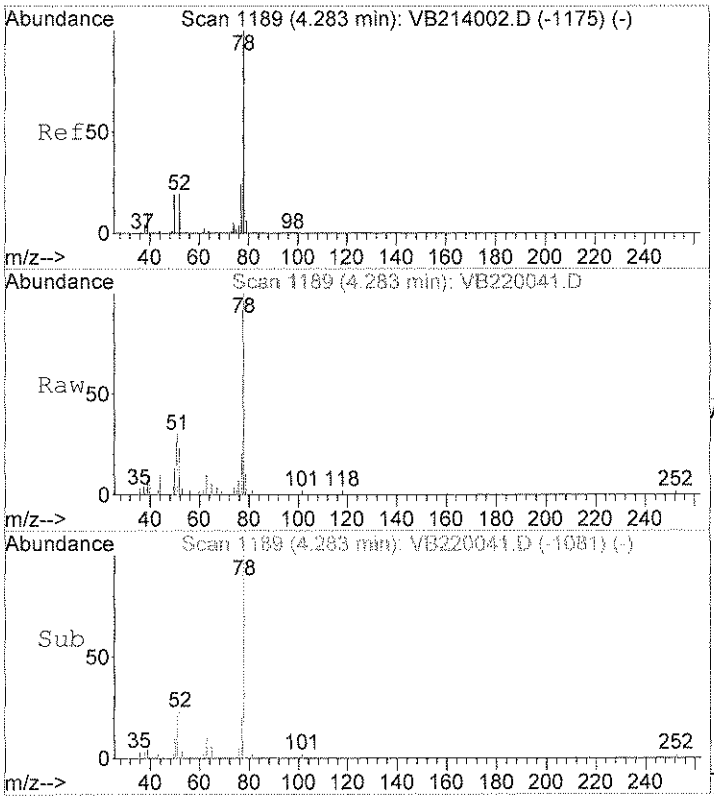


#35
1,1,1-TRICHLOROETHANE
Concen: 0.81 UG/L
RT: 3.91 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 97 Resp: 5729

Ion	Ratio	Lower	Upper
97	100		
99	51.2	51.0	76.6
61	42.3	40.7	61.1

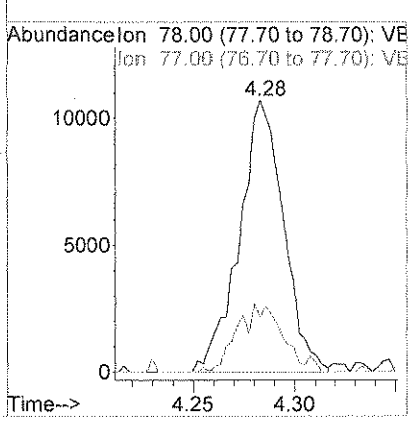


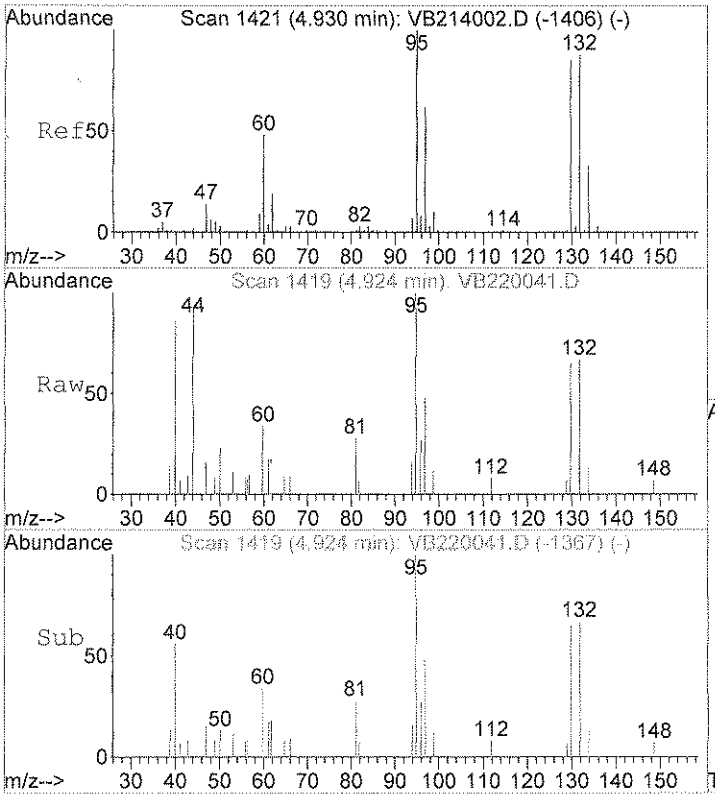


#39
BENZENE
Concen: 0.70 UG/L
RT: 4.28 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 78 Resp: 16234

Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.5	27.7

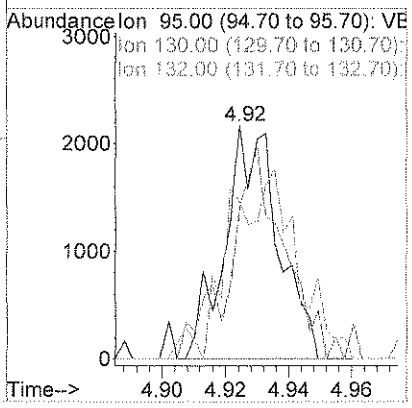


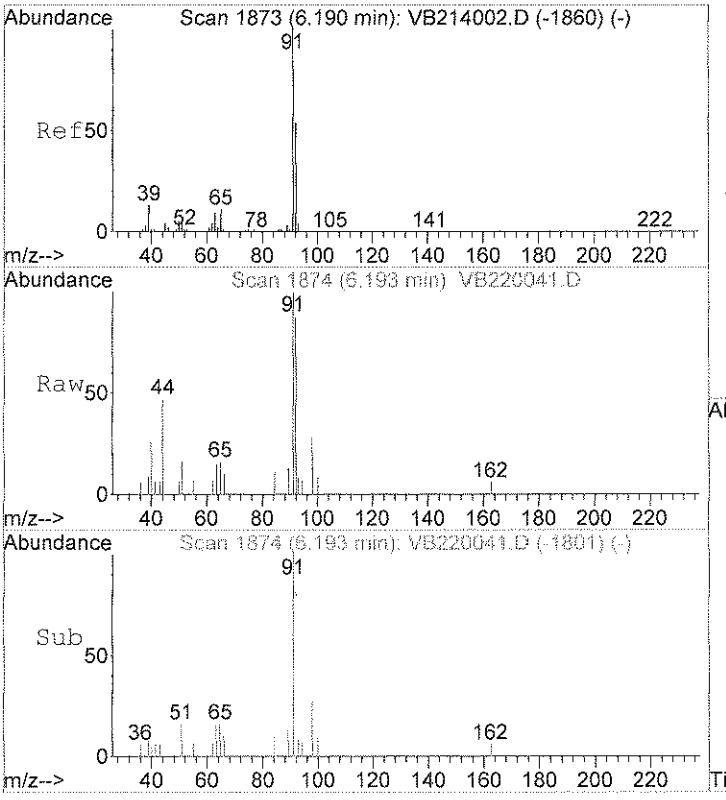


#44
TRICHLOROETHENE
Concen: 0.43 UG/L
RT: 4.92 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 95 Resp: 2520

Ion	Ratio	Lower	Upper
95	100		
130	92.9	77.0	115.6
132	49.8	78.0	117.0#

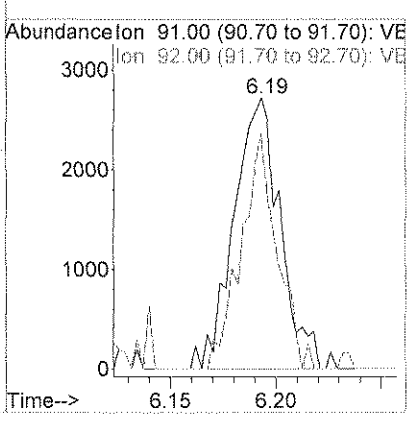


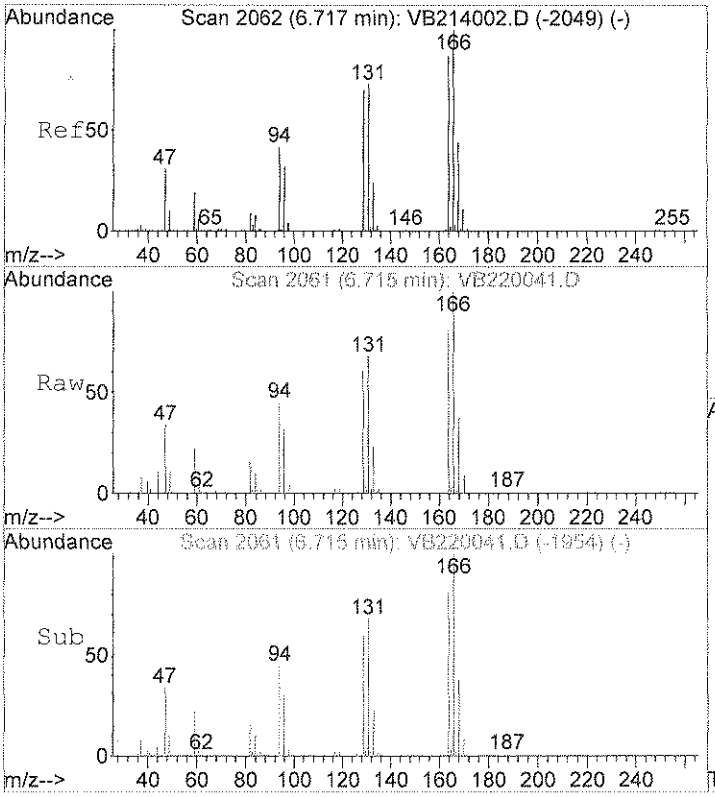


#53
TOLUENE
Concen: 0.16 UG/L
RT: 6.19 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion: 91 Resp: 4124

Ion	Ratio	Lower	Upper
91	100		
92	67.7	47.8	71.6

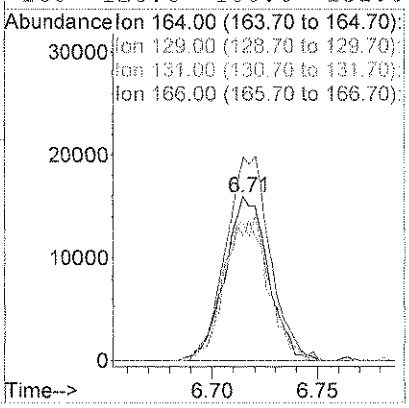


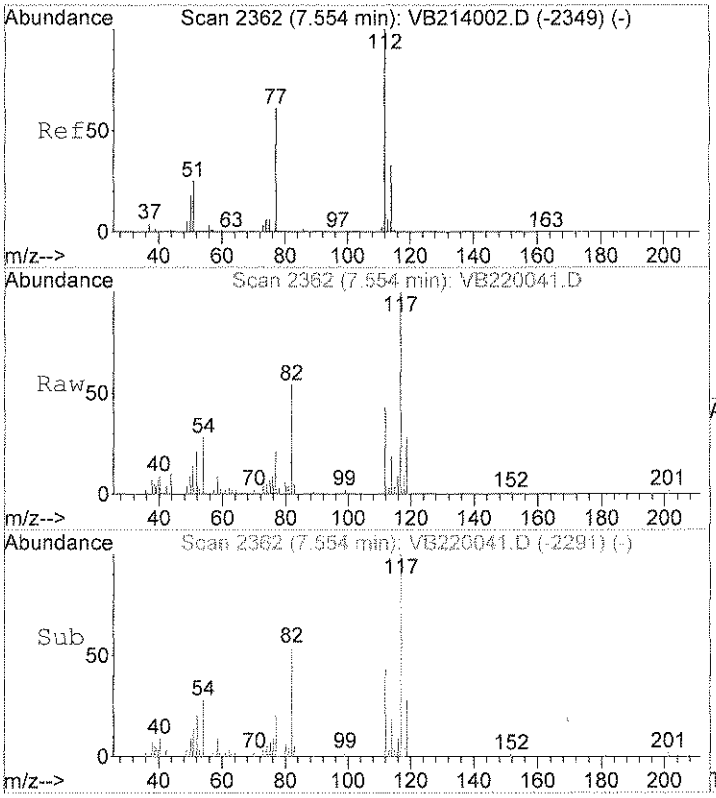


#58
TETRACHLOROETHENE
Concen: 5.16 UG/L
RT: 6.71 min Scan# 2061
Delta R.T. -0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion:164 Resp: 22650

Ion	Ratio	Lower	Upper
164	100		
129	89.4	70.1	105.1
131	89.0	70.2	105.4
166	128.6	100.6	151.0

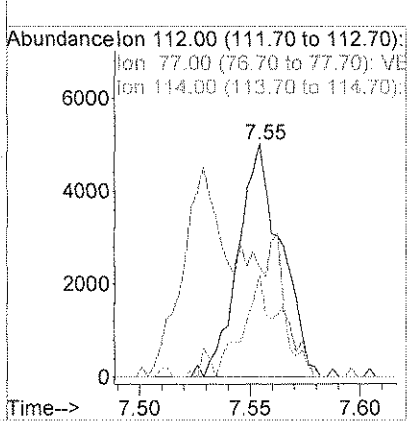


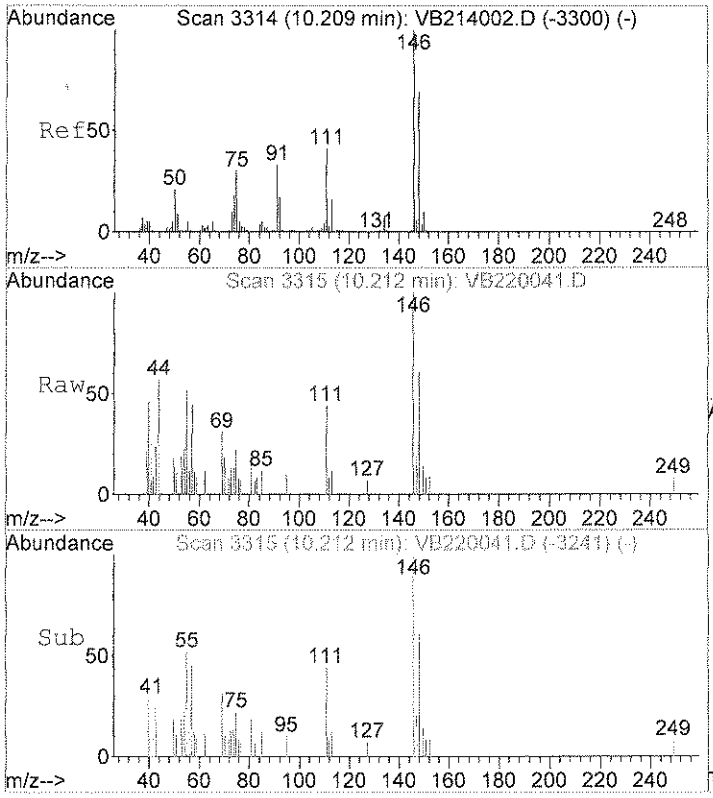


#64
CHLOROBENZENE
Concen: 0.40 UG/L
RT: 7.55 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

Tgt Ion:112 Resp: 6778

Ion	Ratio	Lower	Upper
112	100		
77	0.0	45.7	68.5#
114	37.6	25.7	38.5

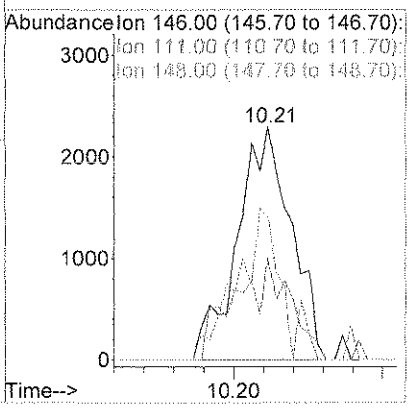




#89
1,2-DICHLOROBENZENE
Concen: 0.22 UG/L
RT: 10.21 min Scan# 3315
Delta R.T. 0.01 min
Lab File: VB220041.D
Acq: 9 Aug 2011 2:25 am

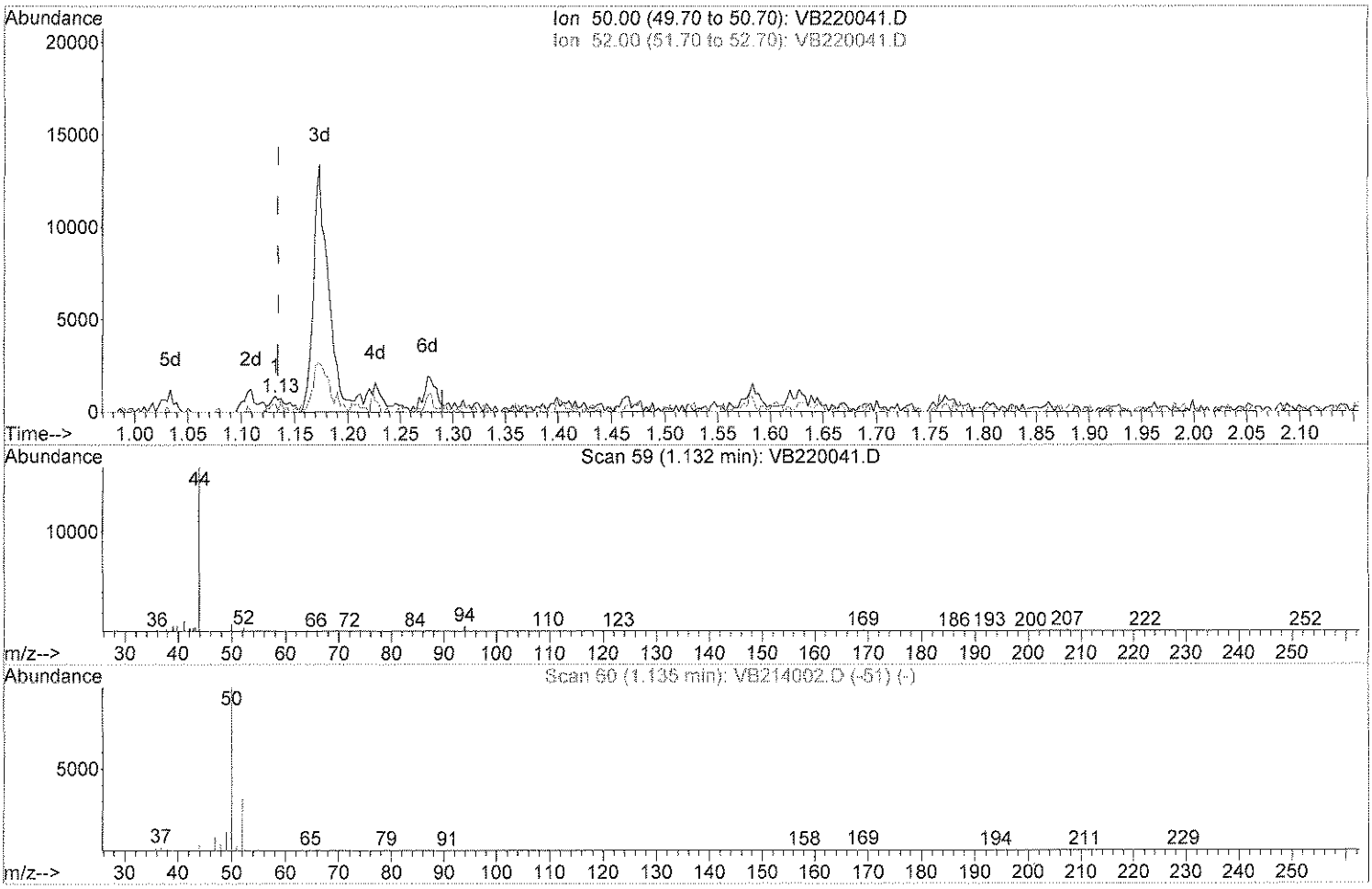
Tgt Ion:146 Resp: 2867

Ion	Ratio	Lower	Upper
146	100		
111	23.5	32.2	48.4#
148	49.7	50.9	76.3#



Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220041.D
Acq On : 9 Aug 2011 2:25 am
Operator : LBD/MFF
Sample : 11H0217-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 09 05:33:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220041.D

(5) CHLOROMETHANE (P)

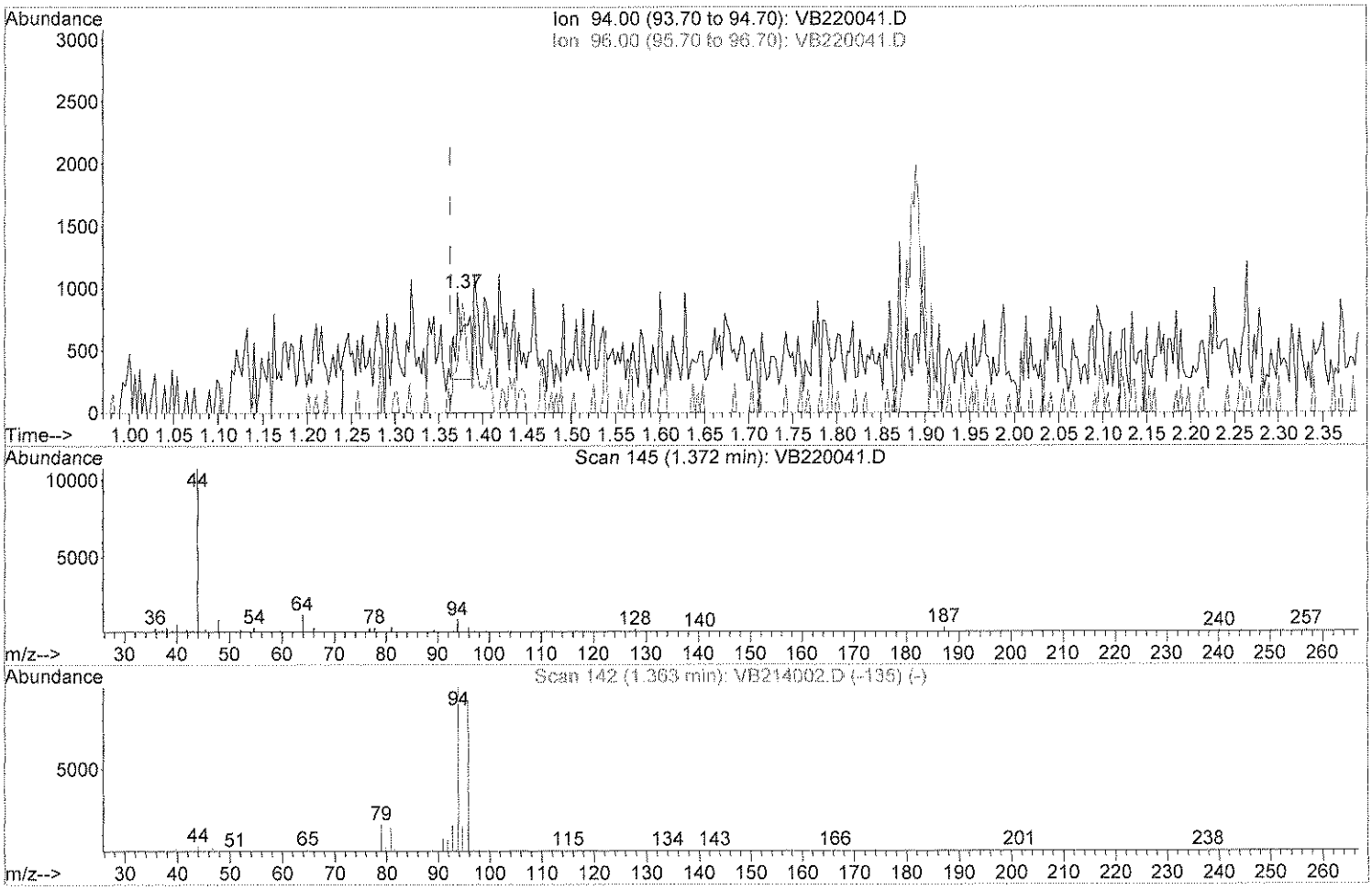
1.132min (-0.003) 0.11UG/L

response 872

Ion	Exp%	Act%
50.00	100	100
52.00	30.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220041.D
Acq On : 9 Aug 2011 2:25 am
Operator : LBD/MFF
Sample : 11H0217-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 09 05:33:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220041.D

(7) BROMOMETHANE (T)

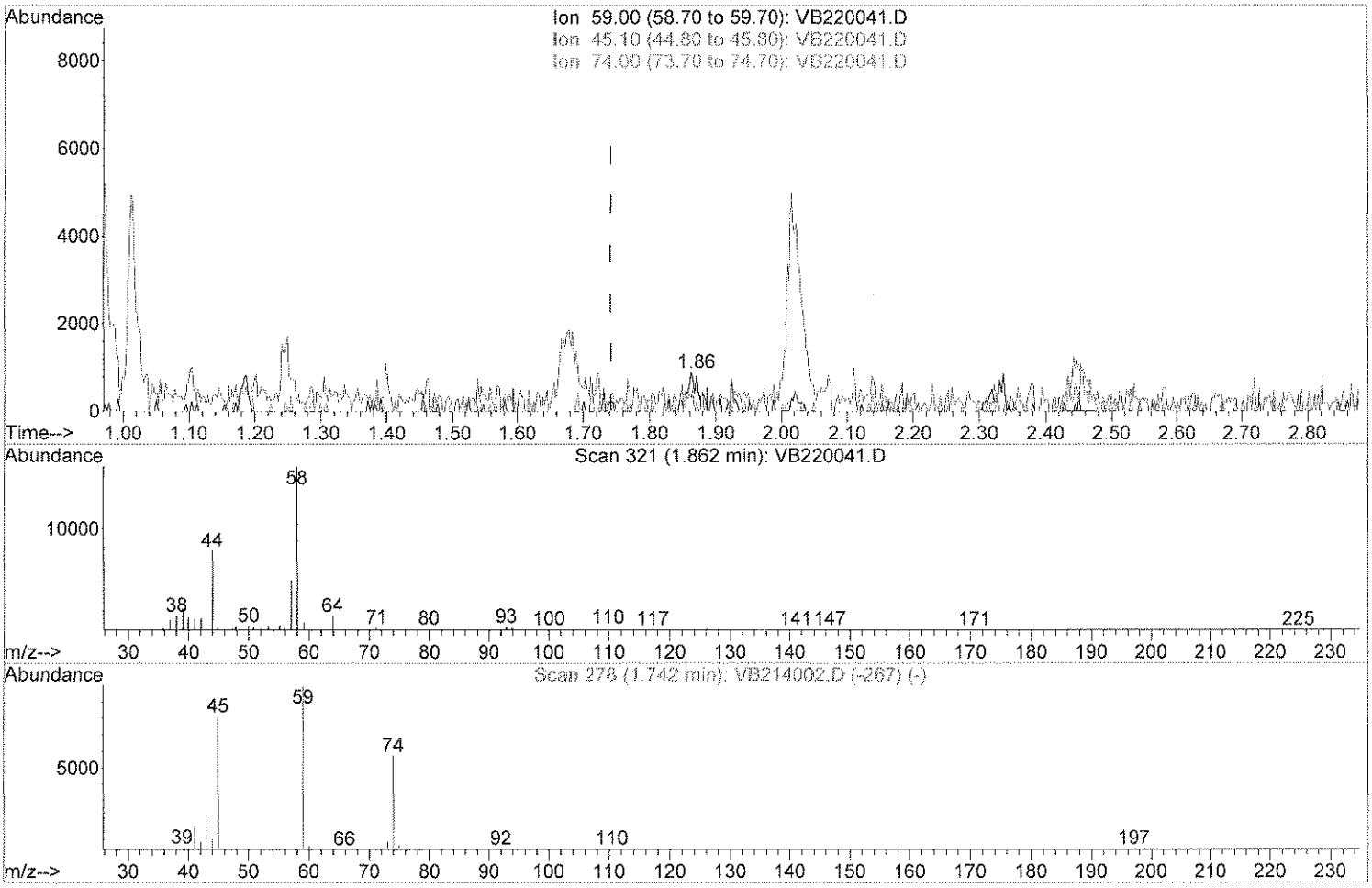
1.372min (+0.009) 0.20UG/L

response 601

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	123.96#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220041.D
Acq On : 9 Aug 2011 2:25 am
Operator : LBD/MFF
Sample : 11H0217-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 09 05:33:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220041.D

(11) DI ETHYL ETHER (T)

1.862min (+0.120) 0.21UG/L

response 902

Ion	Exp%	Act%
59.00	100	100
45.10	84.40	0.00#
74.00	56.10	0.00#
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-06	File ID:	VB220042.D
Sampled:	08/03/11 17:50	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 02:56
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW18-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-06	File ID:	VB220042.D
Sampled:	08/03/11 17:50	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 02:56
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-06	File ID:	VB220042.D
Sampled:	08/03/11 17:50	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 02:56
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	74	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	V-05
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	1.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW18-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-06	File ID:	VB220042.D
Sampled:	08/03/11 17:50	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 02:56
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220042.D
Acq On : 9 Aug 2011 2:56 am
Operator : LBD/MFF
Sample : 11H0217-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 09 08:56:55 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

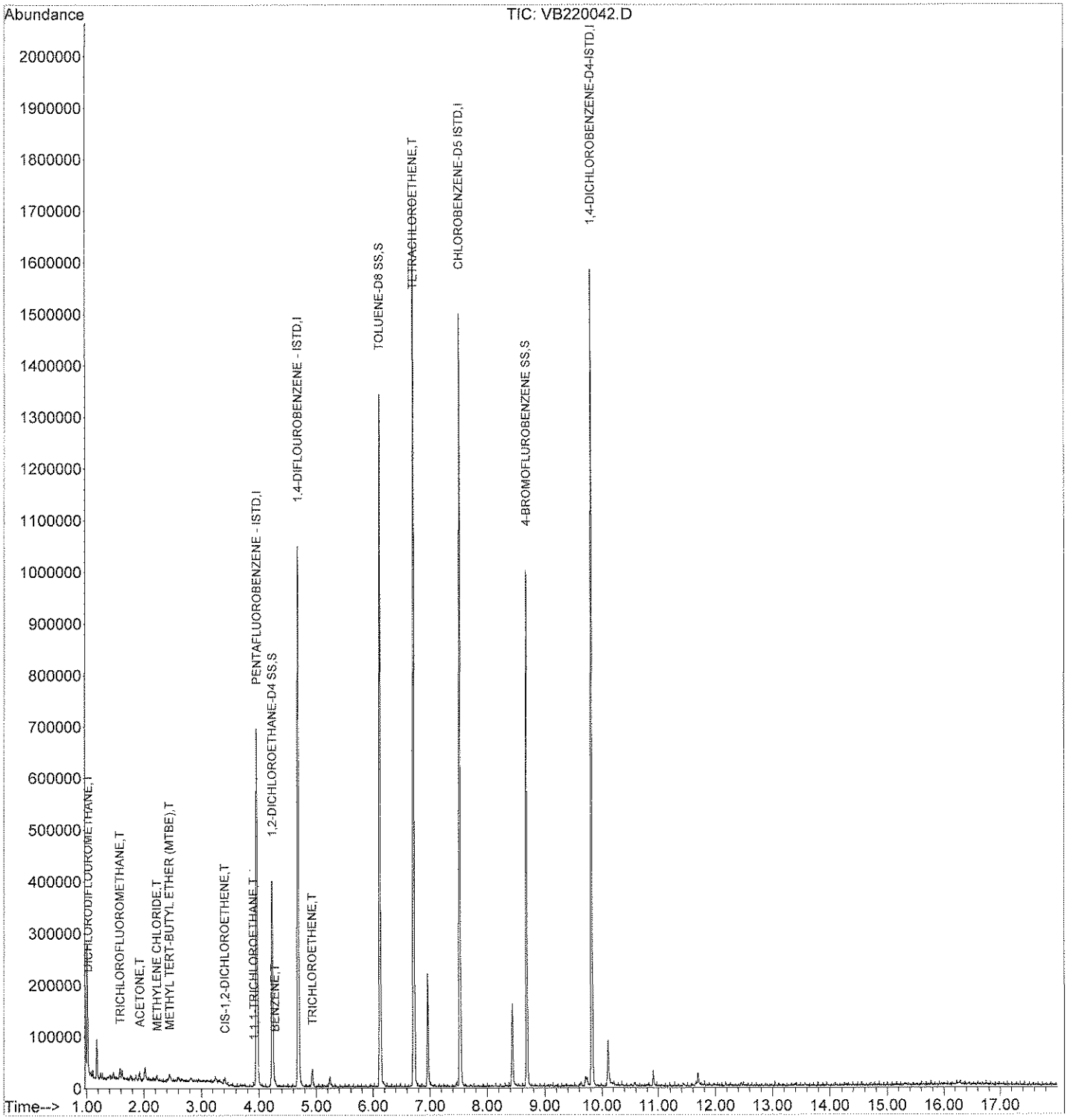
REVIEWED BY: [illegible] AUG 09 2011

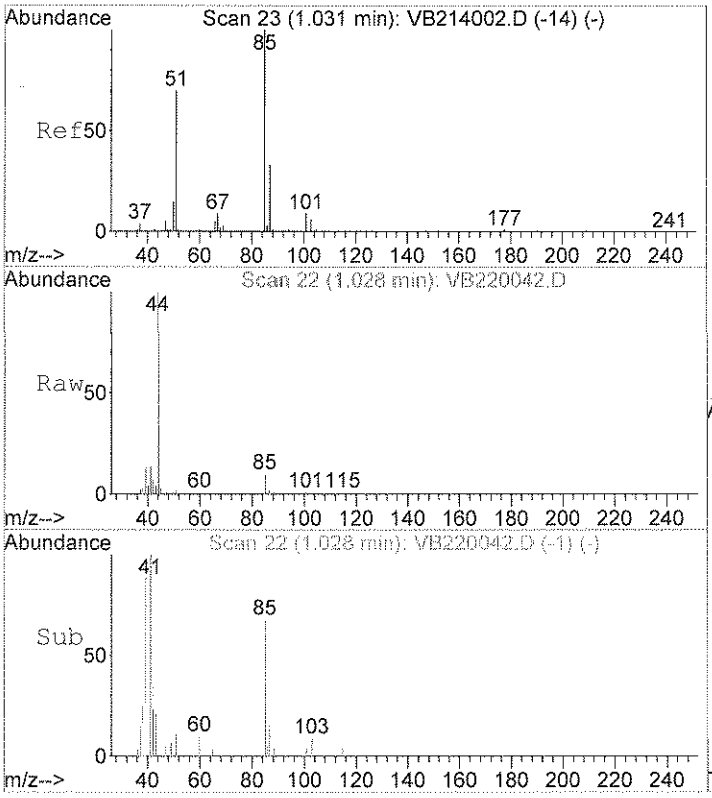
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	419496	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	688663	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	359775	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	328734	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	236347	25.16	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%			
42) TOLUENE-D8 SS	6.13	98	674763	25.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.48%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	267325	24.29	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.16%			
Target Compounds						Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	2411	0.36	UG/L #	81
10) TRICHLOROFLUOROMETHANE	1.57	101	722	0.10	UG/L #	61
13) ACETONE	1.93	43	14730	7.25	UG/L	93
16) IODOMETHANE	2.17	142	279	Below Cal		96
20) METHYLENE CHLORIDE	2.22	49	4068	0.47	UG/L	94
22) METHYL TERT-BUTYL ETHER (M	2.45	73	7434	0.57	UG/L #	86
29) CIS-1,2-DICHLOROETHENE	3.42	61	3459	0.32	UG/L #	83
35) 1,1,1-TRICHLOROETHANE	3.91	97	938	0.13	UG/L #	22
39) BENZENE	4.28	78	5826	0.25	UG/L	97
44) TRICHLOROETHENE	4.93	95	9653	1.64	UG/L	91
58) TETRACHLOROETHENE	6.72	164	321773	73.65	UG/L	98

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220042.D
Acq On : 9 Aug 2011 2:56 am
Operator : LBD/MFF
Sample : 11H0217-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 09 08:56:55 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

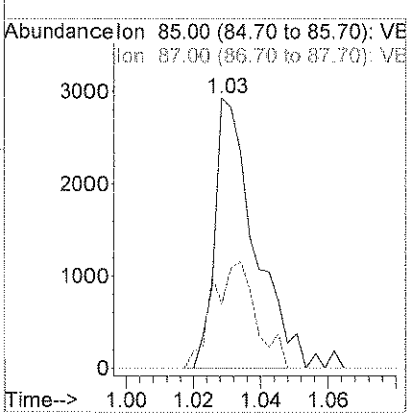


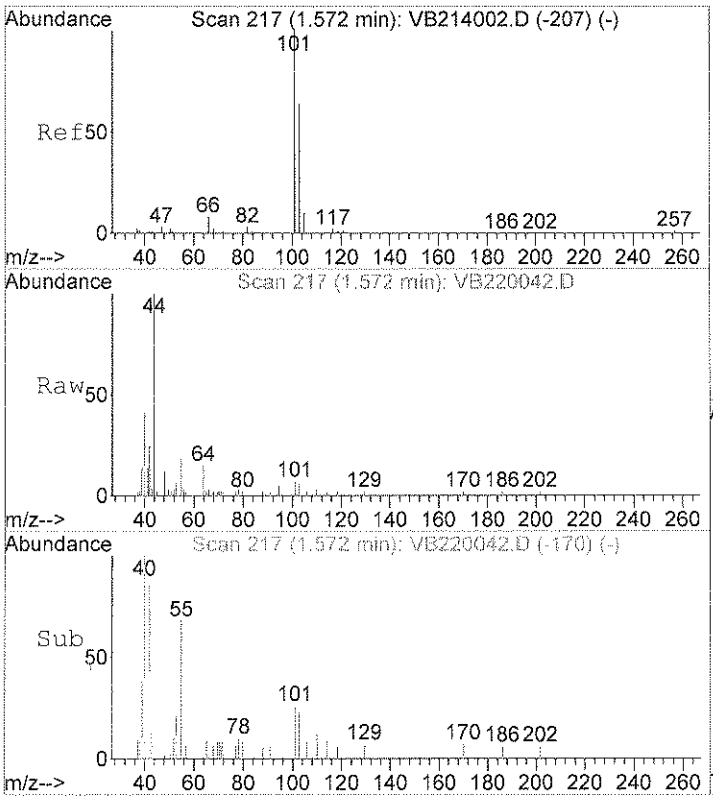


#3
DICHLORODIFLOUROMETHANE
Concen: 0.36 UG/L
RT: 1.03 min Scan# 22
Delta R.T. -0.00 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion: 85 Resp: 2411

Ion	Ratio	Lower	Upper
85	100		
87	42.7	25.6	38.4#

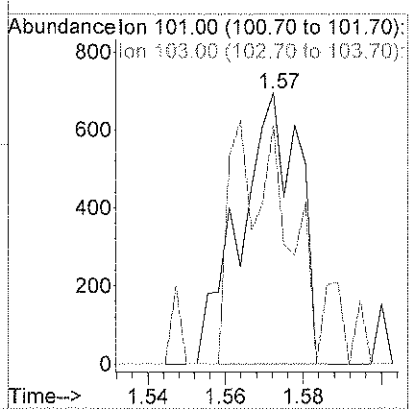


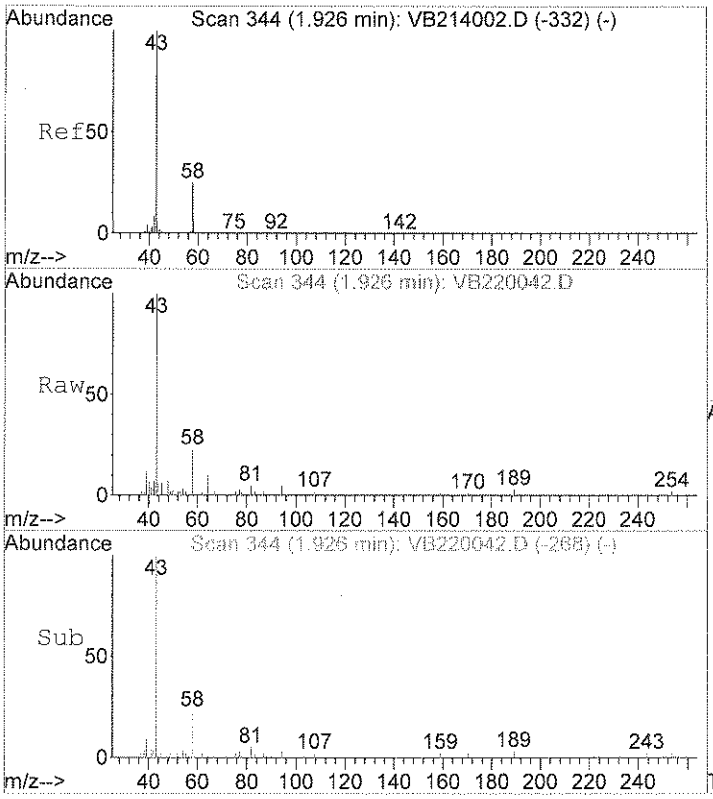


#10
TRICHLOROFLUOROMETHANE
Concen: 0.10 UG/L
RT: 1.57 min Scan# 217
Delta R.T. 0.00 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion:101 Resp: 722

Ion	Ratio	Lower	Upper
101	100		
103	94.7	51.2	76.8#

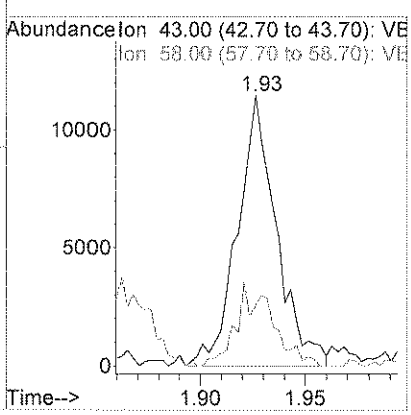


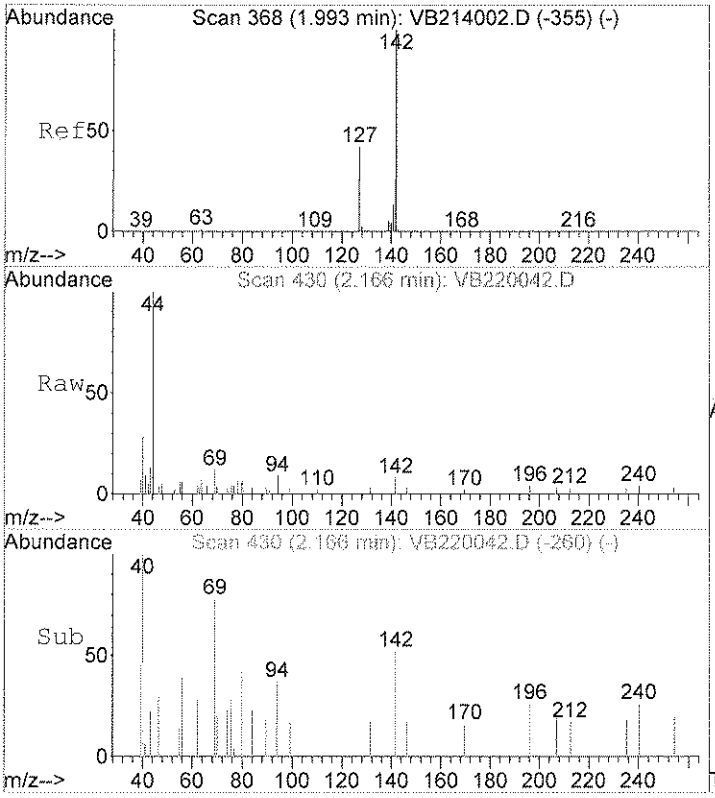


#13
ACETONE
Concen: 7.25 UG/L
RT: 1.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion: 43 Resp: 14730

Ion	Ratio	Lower	Upper
43	100		
58	28.5	20.2	30.2

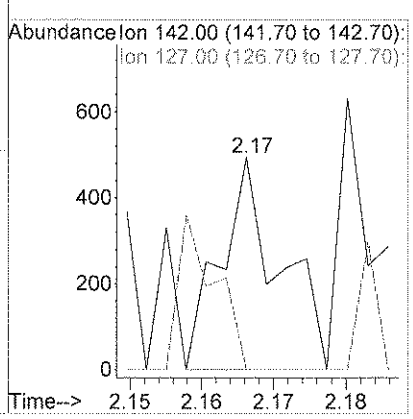


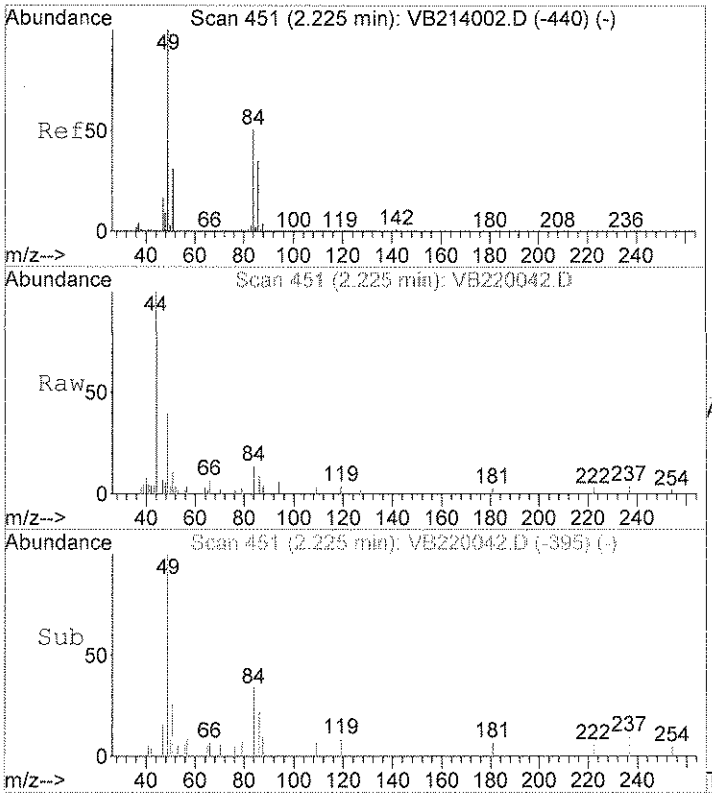


#16
IODOMETHANE
Concen: Below Cal
RT: 2.17 min Scan# 430
Delta R.T. 0.17 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion:142 Resp: 279

Ion	Ratio	Lower	Upper
142	100		
127	45.9	34.5	51.7

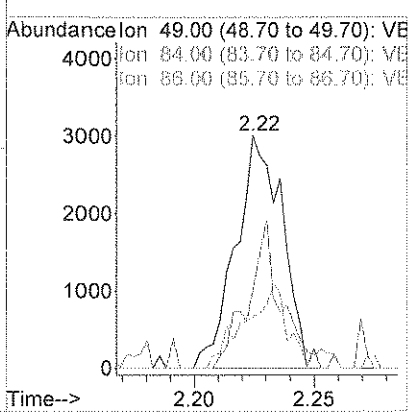


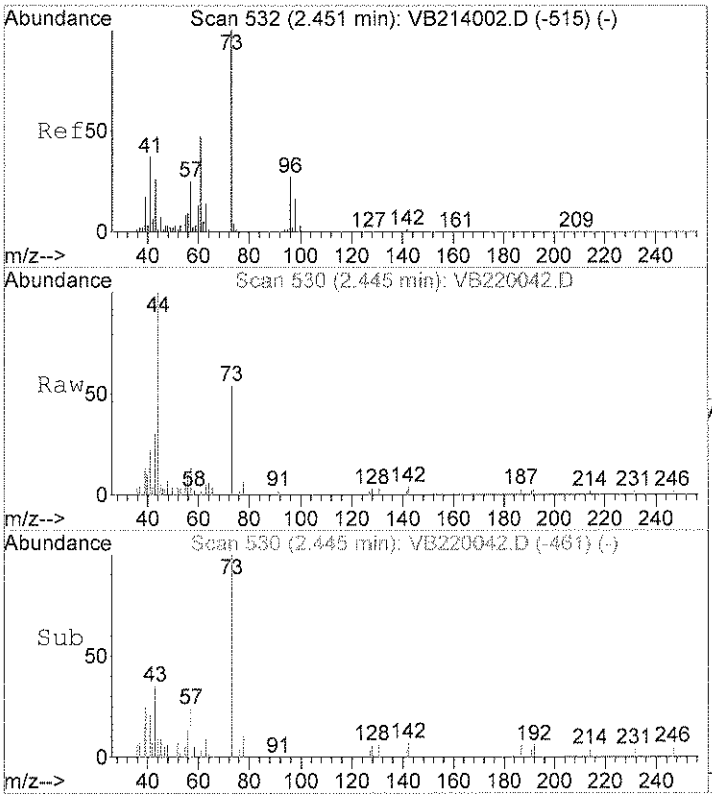


#20
METHYLENE CHLORIDE
Concen: 0.47 UG/L
RT: 2.22 min Scan# 451
Delta R.T. -0.00 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion: 49 Resp: 4068

Ion	Ratio	Lower	Upper
49	100		
84	44.0	41.1	61.7
86	33.0	26.5	39.7

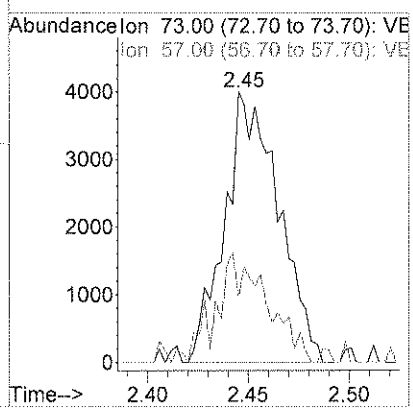


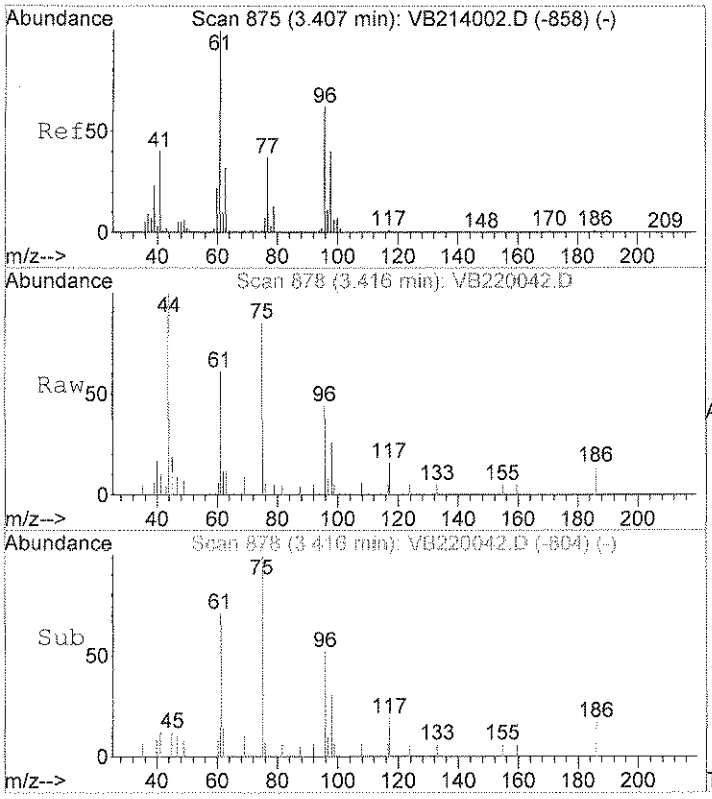


#22
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.57 UG/L
RT: 2.45 min Scan# 530
Delta R.T. -0.01 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion: 73 Resp: 7434

Ion	Ratio	Lower	Upper
73	100		
57	33.4	21.1	31.7#

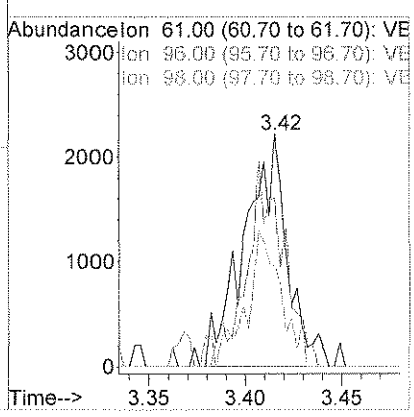


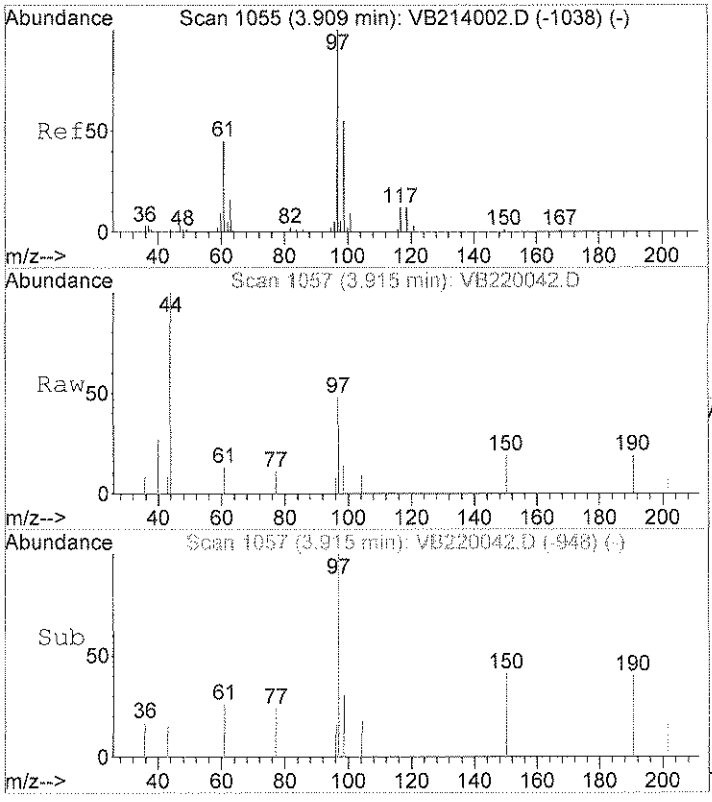


#29
CIS-1,2-DICHLOROETHENE
Concen: 0.32 UG/L
RT: 3.42 min Scan# 878
Delta R.T. 0.01 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion: 61 Resp: 3459

Ion	Ratio	Lower	Upper
61	100		
96	74.6	48.0	72.0#
98	46.3	30.6	46.0#

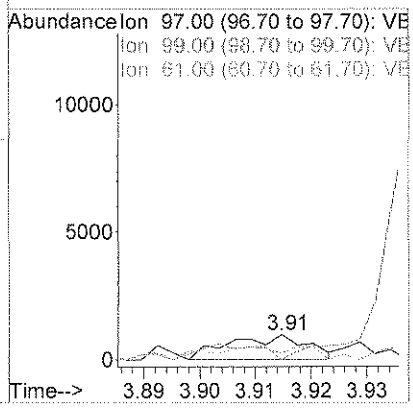


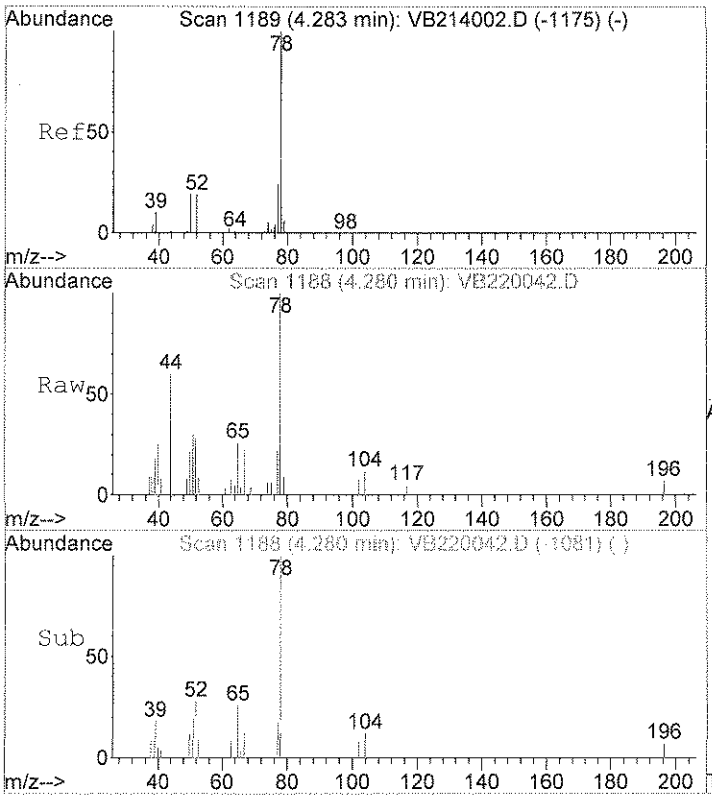


#35
1,1,1-TRICHLOROETHANE
Concen: 0.13 UG/L
RT: 3.91 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion: 97 Resp: 938

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.6#
61	0.0	40.7	61.1#

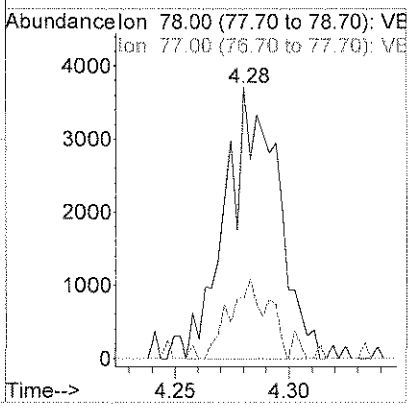


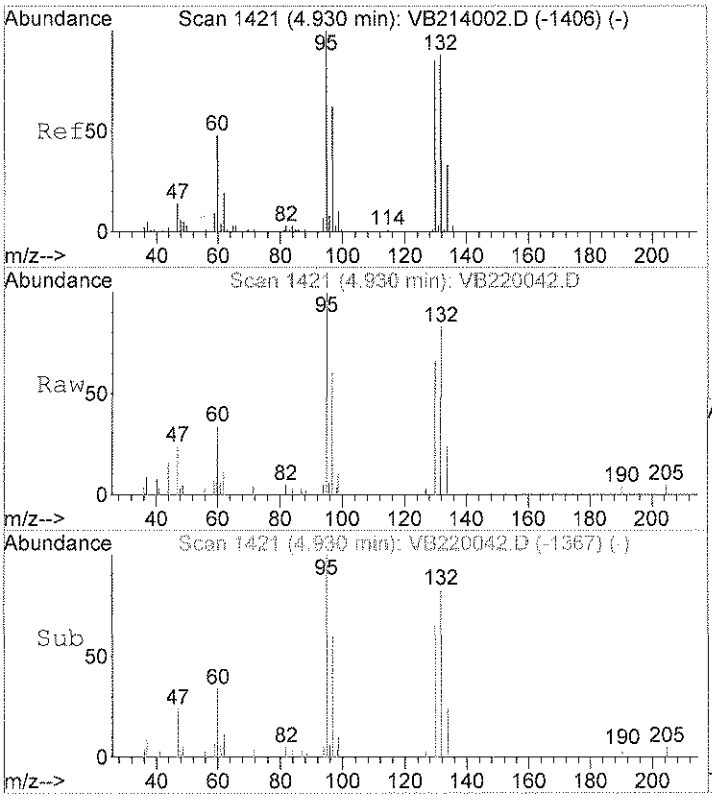


#39
BENZENE
Concen: 0.25 UG/L
RT: 4.28 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion: 78 Resp: 5826

Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.5	27.7

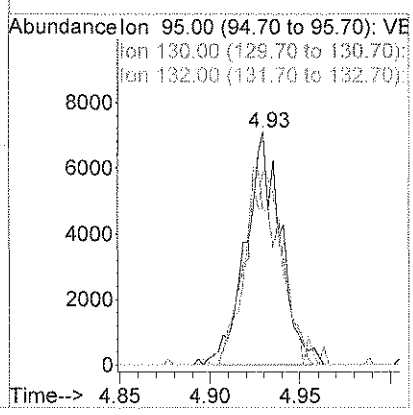


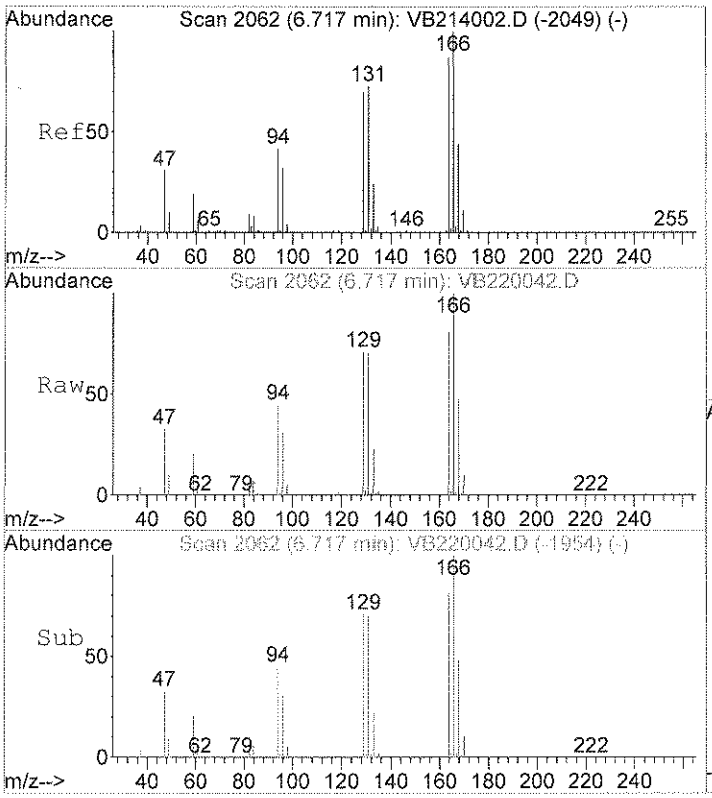


#44
TRICHLOROETHENE
Concen: 1.64 UG/L
RT: 4.93 min Scan# 1421
Delta R.T. -0.00 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

Tgt Ion: 95 Resp: 9653

Ion	Ratio	Lower	Upper
95	100		
130	85.4	77.0	115.6
132	90.0	78.0	117.0

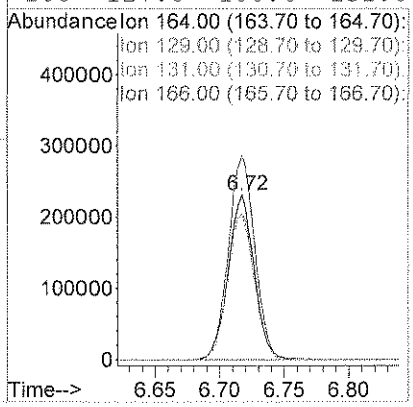




#58
TETRACHLOROETHENE
Concen: 73.65 UG/L
RT: 6.72 min Scan# 2062
Delta R.T. -0.00 min
Lab File: VB220042.D
Acq: 9 Aug 2011 2:56 am

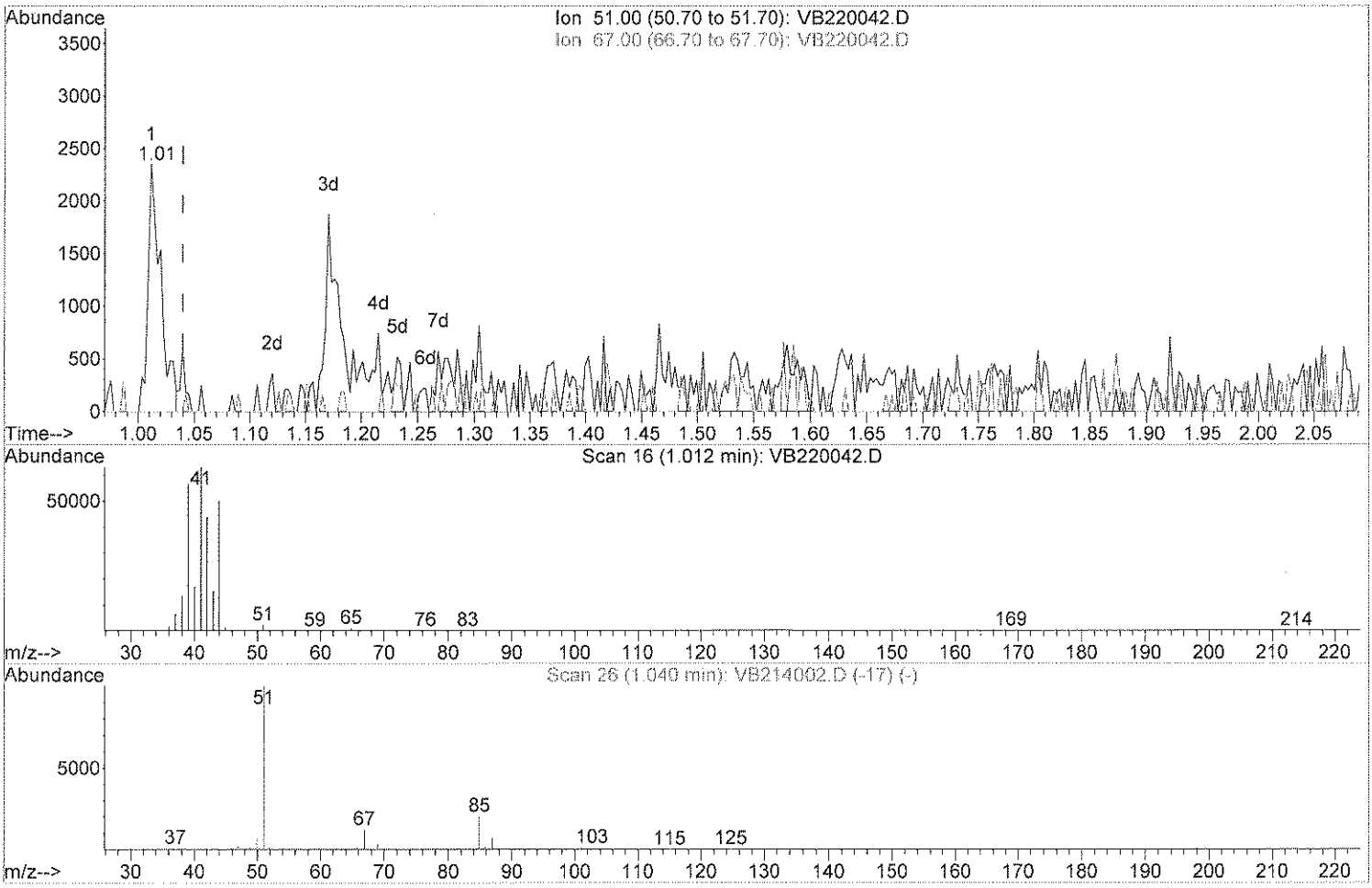
Tgt Ion:164 Resp: 321773

Ion	Ratio	Lower	Upper
164	100		
129	91.1	70.1	105.1
131	89.8	70.2	105.4
166	127.0	100.6	151.0



Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220042.D
Acq On : 9 Aug 2011 2:56 am
Operator : LBD/MFF
Sample : 11H0217-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 09 05:34:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220042.D

(4) DIFLUOROCHLOROMETHANE

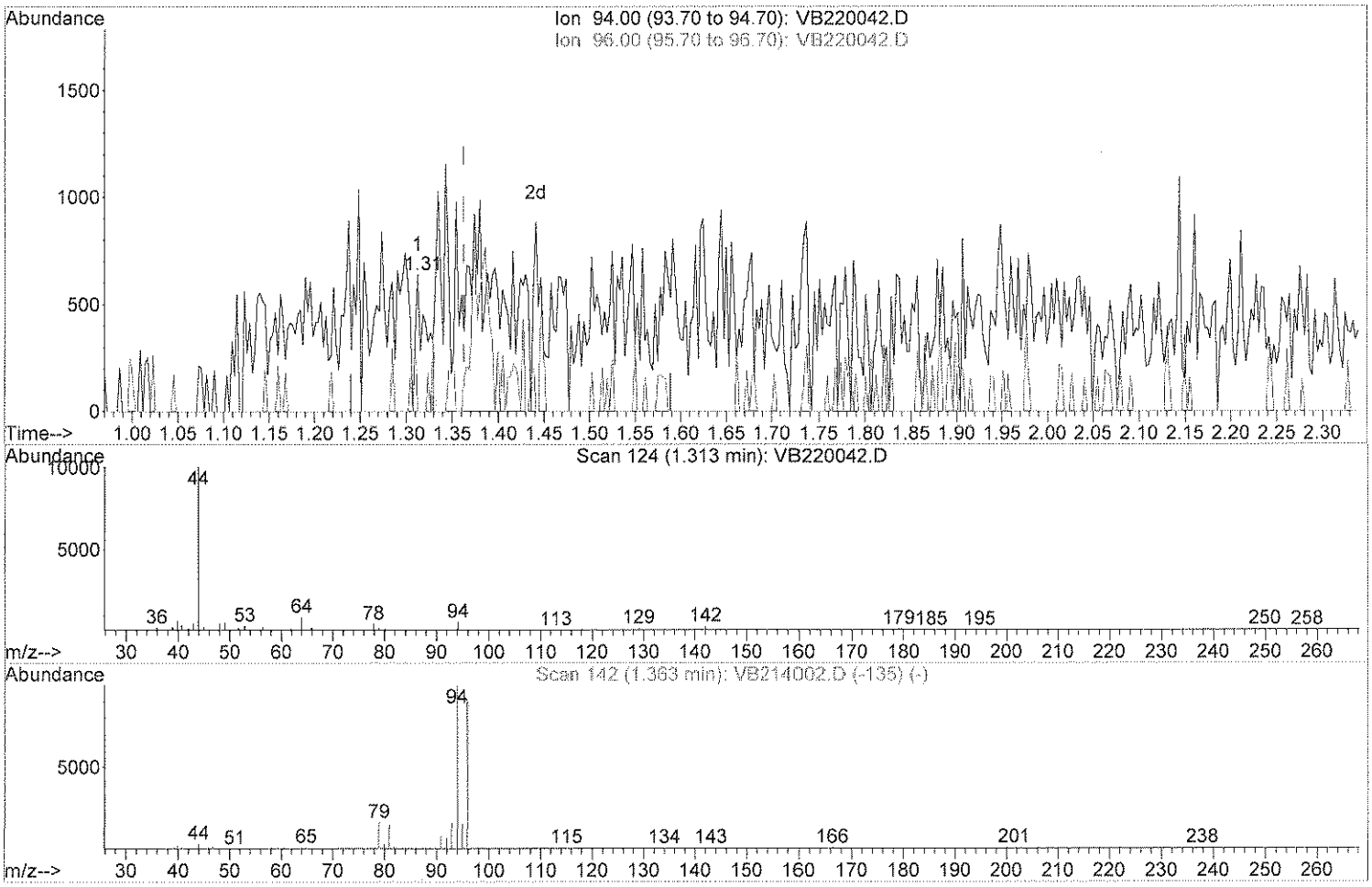
1.012min (-0.028) 0.16UG/L

response 1873

Ion	Exp%	Act%
51.00	100	100
67.00	13.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220042.D
Acq On : 9 Aug 2011 2:56 am
Operator : LBD/MFF
Sample : 11H0217-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 09 05:34:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220042.D

(7) BROMOMETHANE (T)

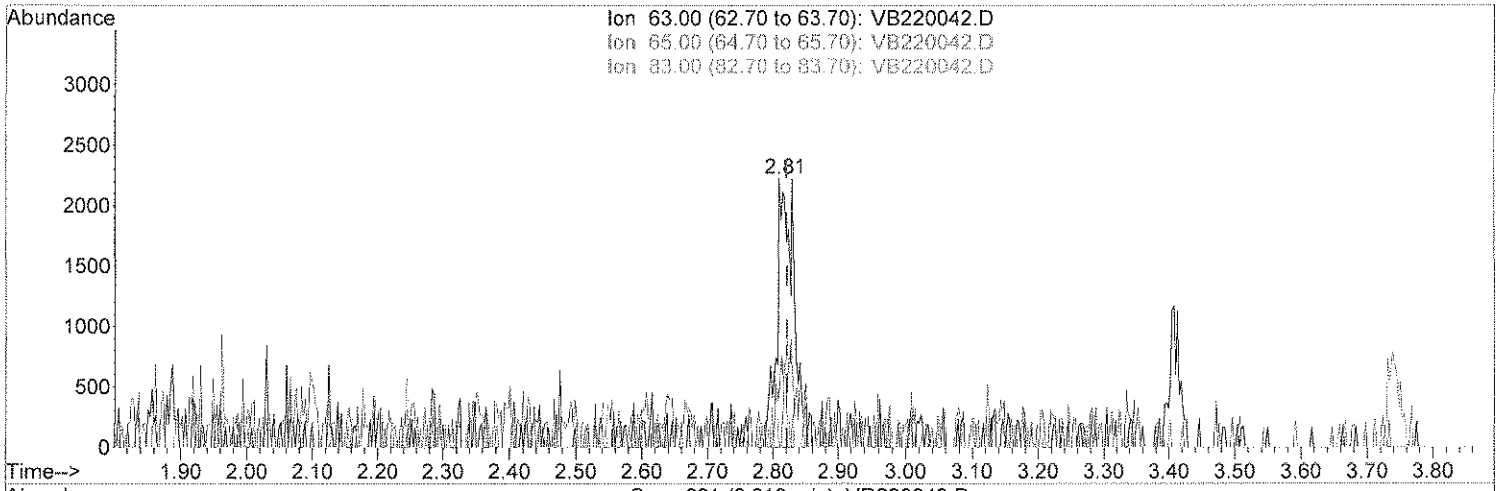
1.313min (-0.050) 0.17UG/L

response 532

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220042.D
Acq On : 9 Aug 2011 2:56 am
Operator : LBD/MFF
Sample : 11H0217-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 09 05:34:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220042.D

(24) 1,1-DICHLOROETHANE (P)

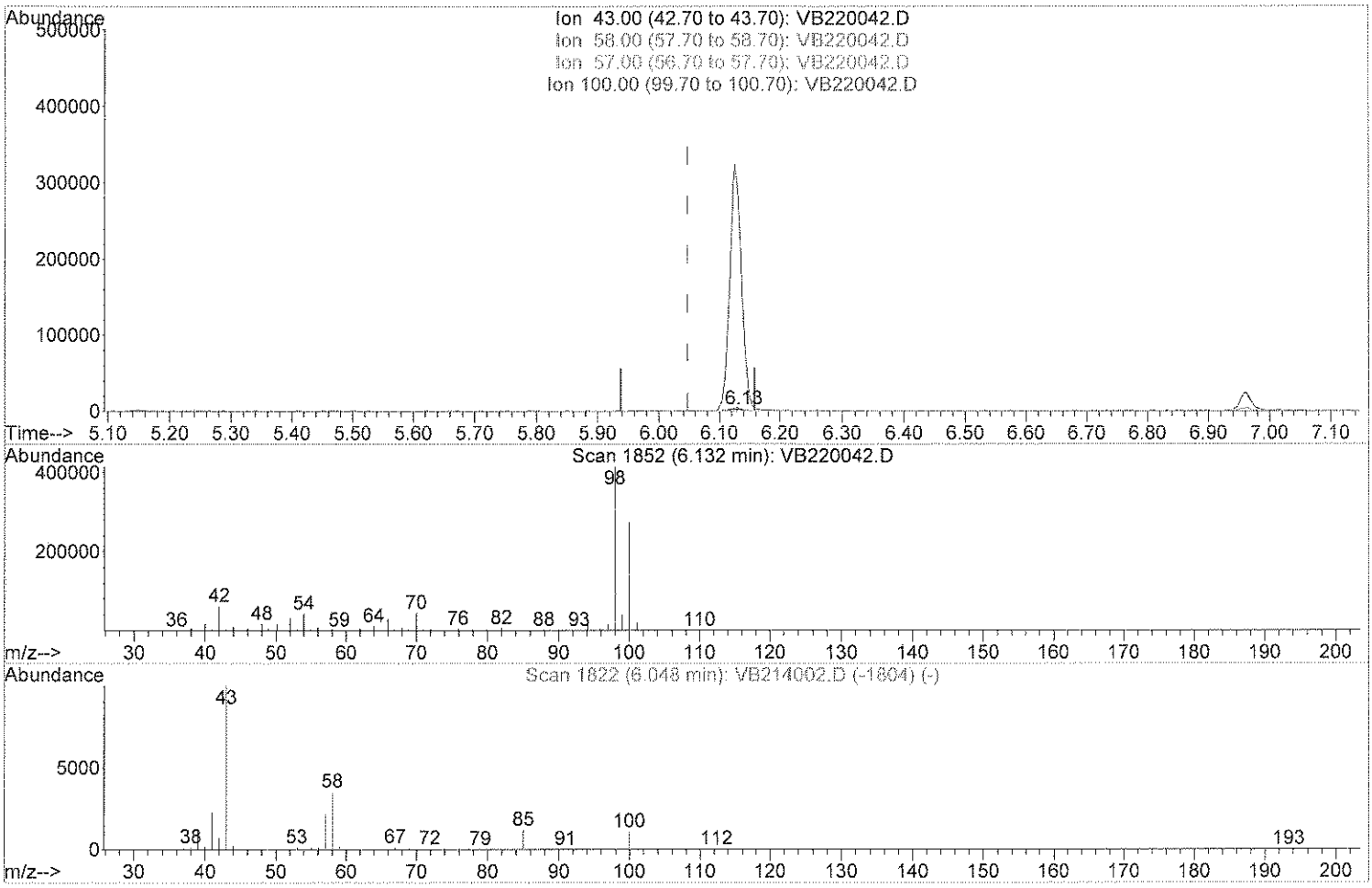
2.810min (-0.011) 0.41UG/L

response 3585

Ion	Exp%	Act%
63.00	100	100
65.00	29.90	35.48
83.00	11.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220042.D
Acq On : 9 Aug 2011 2:56 am
Operator : LBD/MFF
Sample : 11H0217-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 09 05:34:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220042.D

(51) MIBK (T)

6.132min (+0.083) 0.46UG/L

response 3718

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	164.66#
57.00	24.10	20.36
100.00	11.00	11664.82#

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-07	File ID:	VB220043.D
Sampled:	08/03/11 13:35	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 03:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW18-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-07	File ID:	VB220043.D
Sampled:	08/03/11 13:35	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 03:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW18-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-07	File ID:	VB220043.D
Sampled:	08/03/11 13:35	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 03:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW18-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-07	File ID:	VB220043.D
Sampled:	08/03/11 13:35	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 03:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220043.D
Acq On : 9 Aug 2011 3:27 am
Operator : LBD/MFF
Sampl : 11H0217-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 09 2011

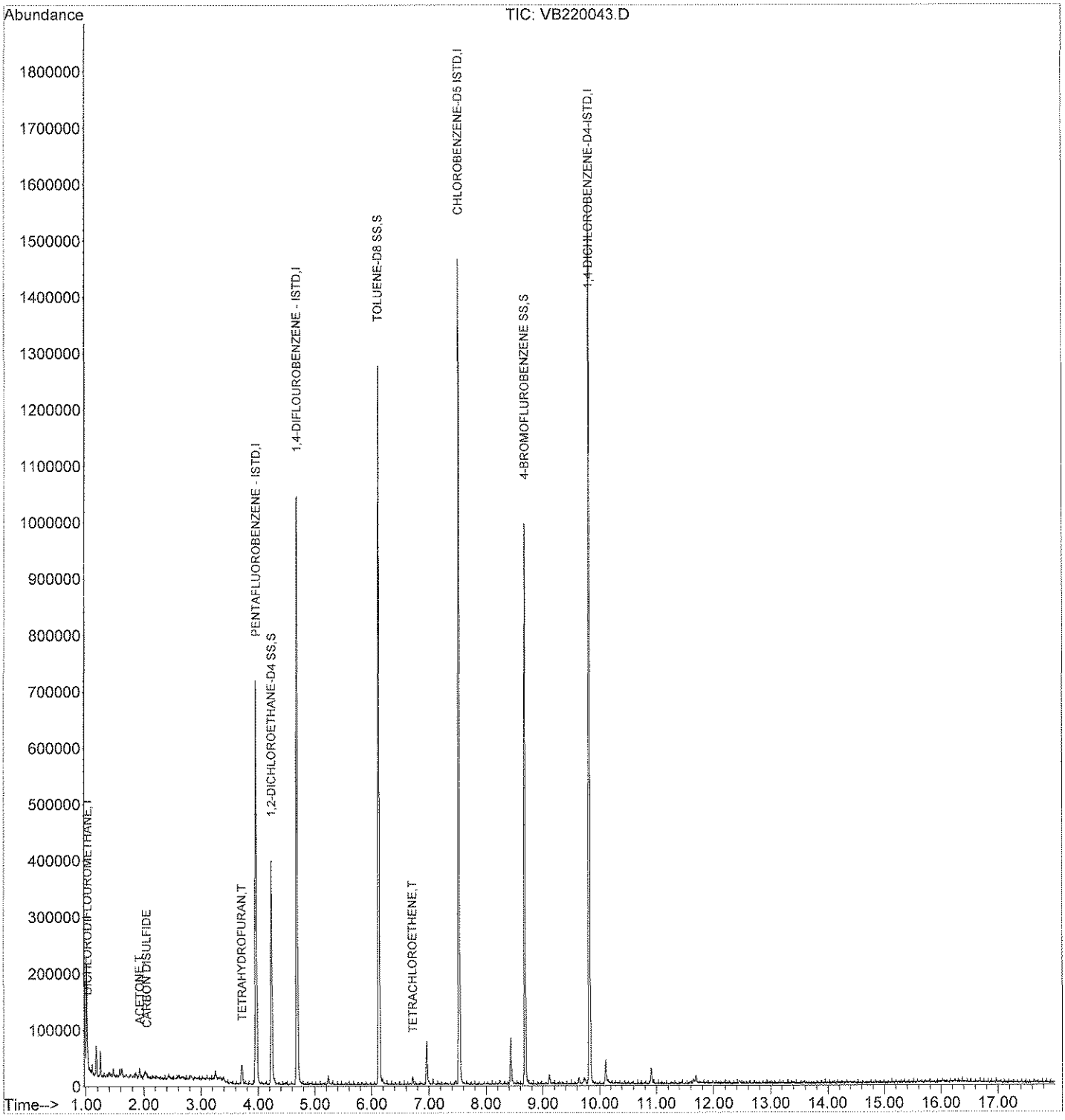
Quant Time: Aug 09 08:59:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

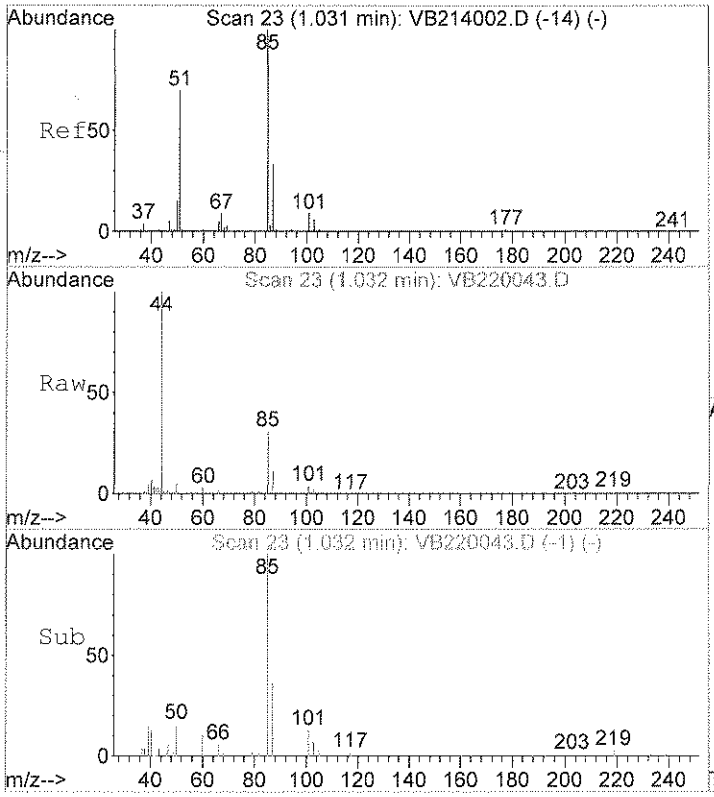
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	413790	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	682875	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	353807	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	326477	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	235903	25.46	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.84%			
42) TOLUENE-D8 SS	6.13	98	661920	25.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	261754	24.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.72%			
Target Compounds						Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	10206	1.54	UG/L	95
13) ACETONE	1.93	43	14329	7.15	UG/L	94
16) IODOMETHANE	2.06	142	446	Below Cal		97
21) CARBON DISULFIDE	2.04	76	5590	0.62	UG/L #	89
33) TETRAHYDROFURAN	3.71	42	21547	8.05	UG/L	98
58) TETRACHLOROETHENE	6.72	164	2226	0.51	UG/L	93

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220043.D
Acq On : 9 Aug 2011 3:27 am
Operator : LBD/MFF
Sample : 11H0217-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 09 08:59:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

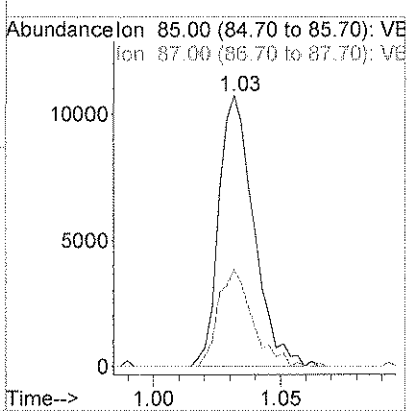


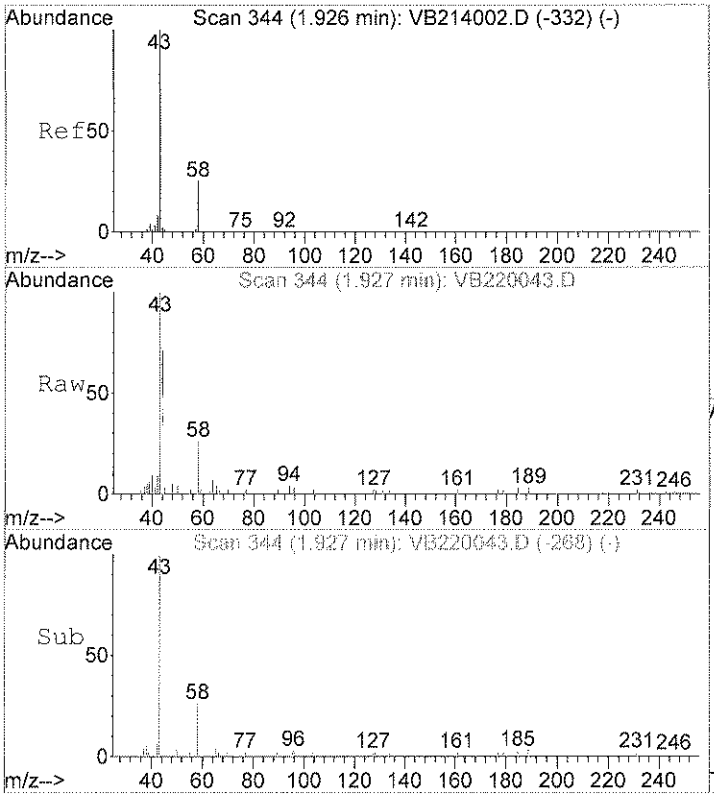


#3
DICHLORODIFLOUROMETHANE
Concen: 1.54 UG/L
RT: 1.03 min Scan# 23
Delta R.T. 0.00 min
Lab File: VB220043.D
Acq: 9 Aug 2011 3:27 am

Tgt Ion: 85 Resp: 10206

Ion	Ratio	Lower	Upper
85	100		
87	34.9	25.6	38.4

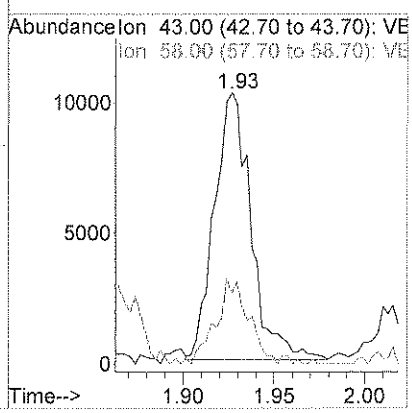


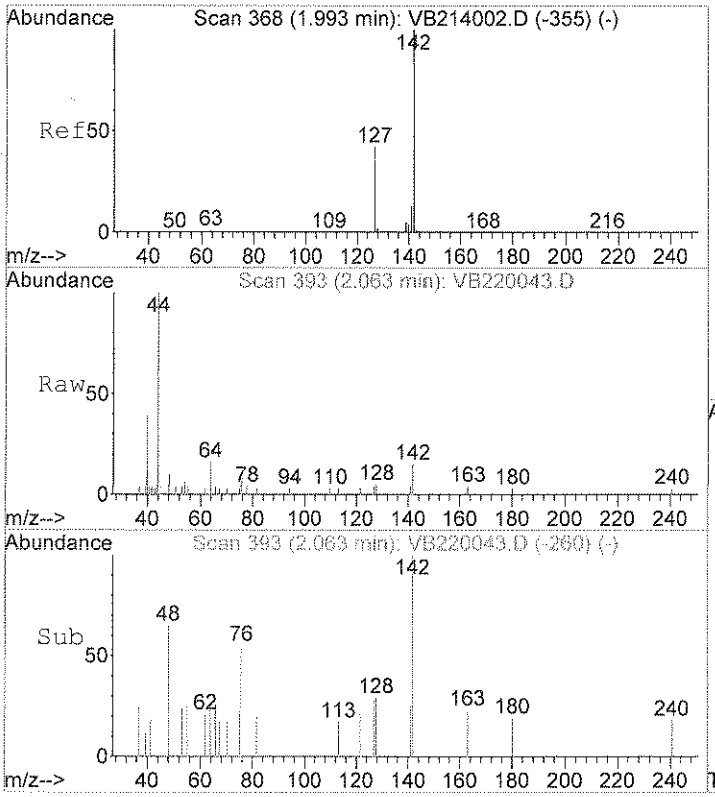


#13
ACETONE
Concen: 7.15 UG/L
RT: 1.93 min Scan# 344
Delta R.T. 0.00 min
Lab File: VB220043.D
Acq: 9 Aug 2011 3:27 am

Tgt Ion: 43 Resp: 14329

Ion	Ratio	Lower	Upper
43	100		
58	28.0	20.2	30.2

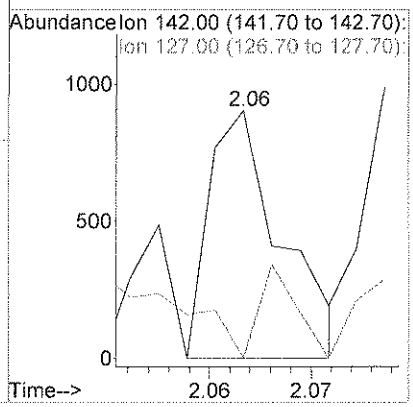


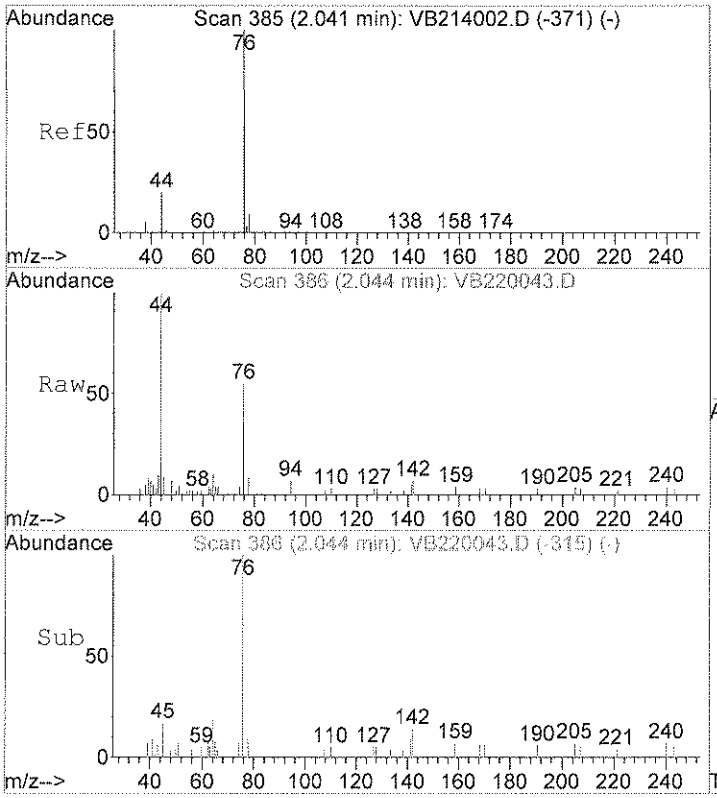


#16
IODOMETHANE
Concen: Below Cal
RT: 2.06 min Scan# 393
Delta R.T. 0.07 min
Lab File: VB220043.D
Acq: 9 Aug 2011 3:27 am

Tgt Ion:142 Resp: 446

Ion	Ratio	Lower	Upper
142	100		
127	41.5	34.5	51.7

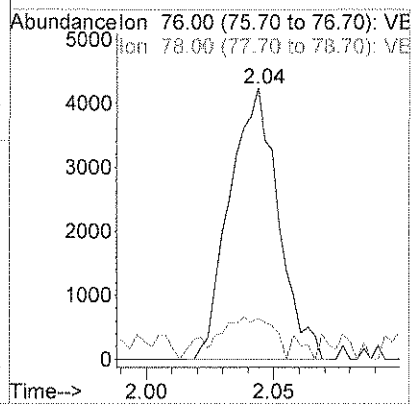


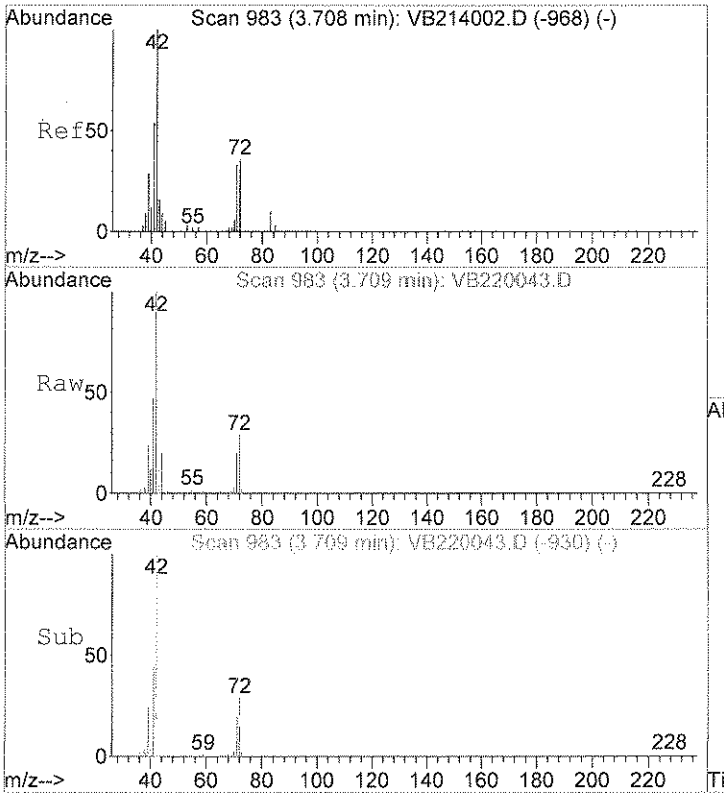


#21
CARBON DISULFIDE
Concen: 0.62 UG/L
RT: 2.04 min Scan# 386
Delta R.T. 0.00 min
Lab File: VB220043.D
Acq: 9 Aug 2011 3:27 am

Tgt Ion: 76 Resp: 5590

Ion	Ratio	Lower	Upper
76	100		
78	15.7	9.3	13.9#

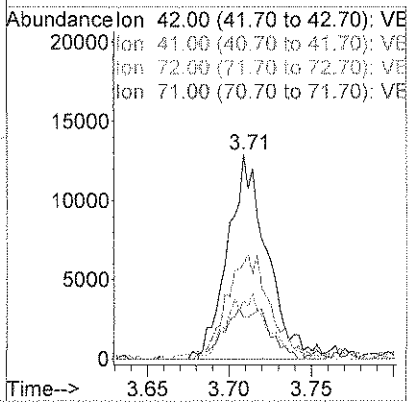


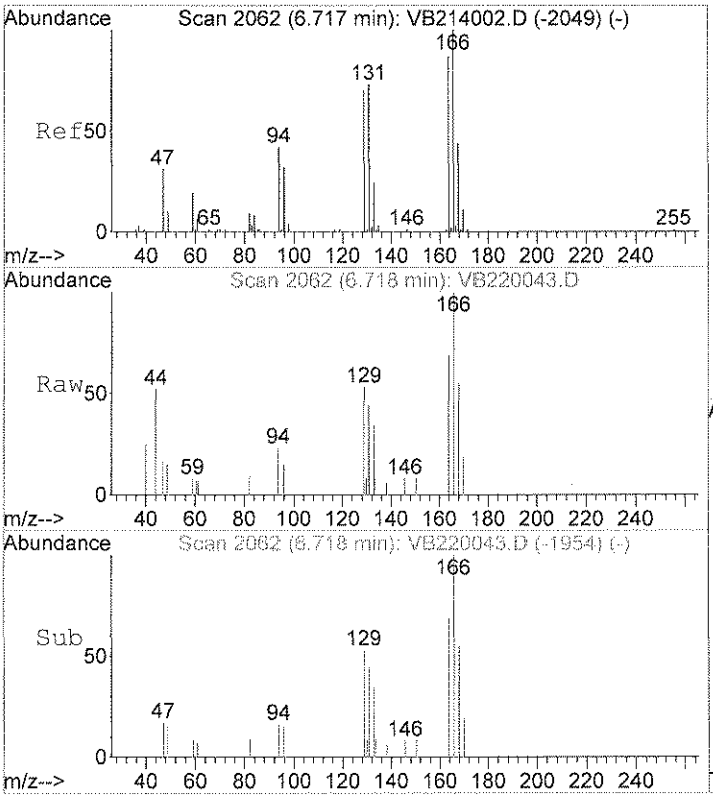


#33
TETRAHYDROFURAN
Concen: 8.05 UG/L
RT: 3.71 min Scan# 983
Delta R.T. -0.00 min
Lab File: VB220043.D
Acq: 9 Aug 2011 3:27 am

Tgt Ion: 42 Resp: 21547

Ion	Ratio	Lower	Upper
42	100		
41	56.5	44.1	66.1
72	32.2	26.4	39.6
71	27.7	23.8	35.8

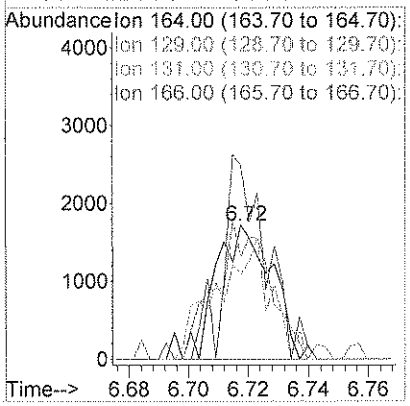




#58
TETRACHLOROETHENE
Concen: 0.51 UG/L
RT: 6.72 min Scan# 2062
Delta R.T. 0.00 min
Lab File: VB220043.D
Acq: 9 Aug 2011 3:27 am

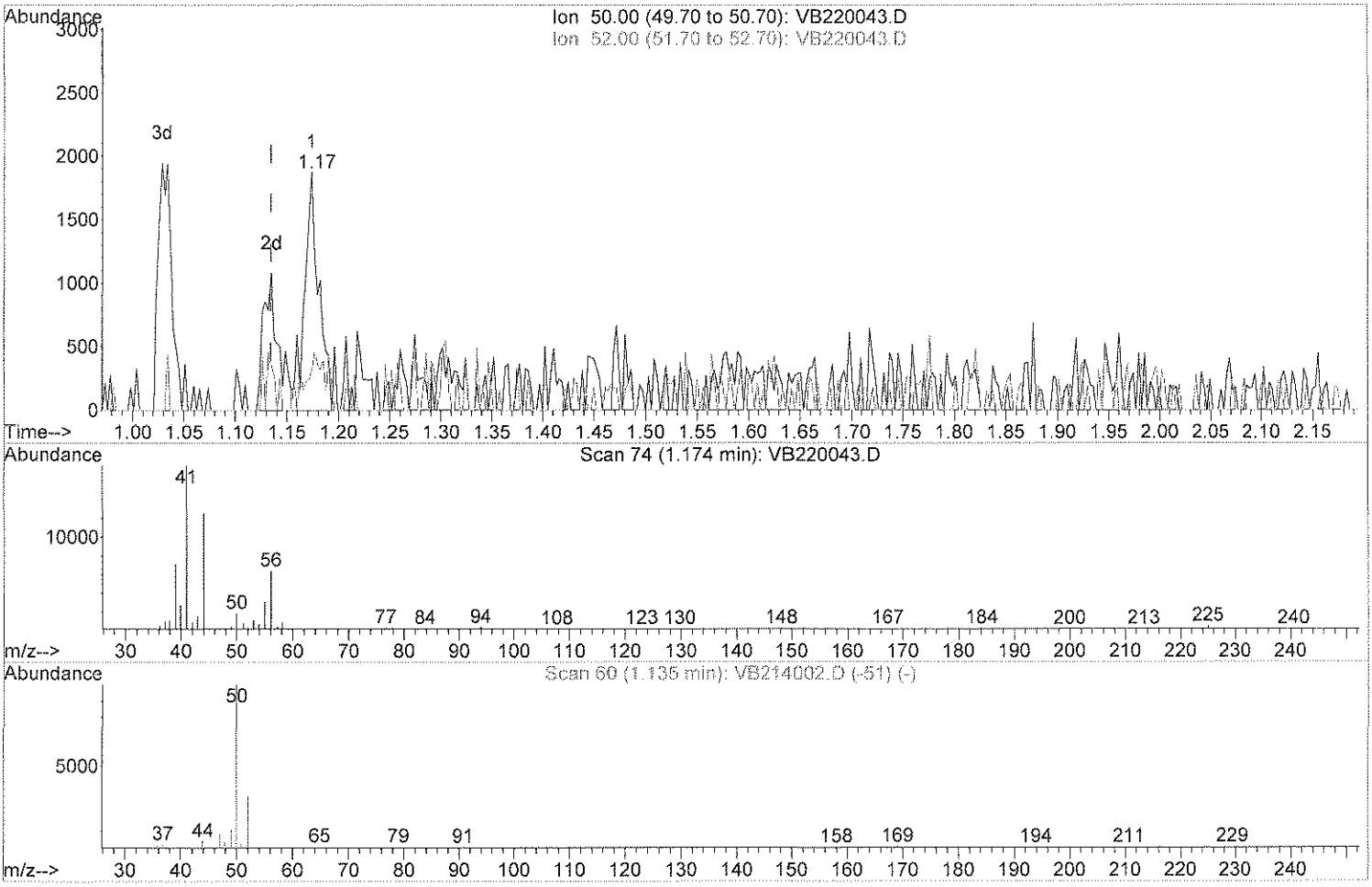
Tgt Ion:164 Resp: 2226

Ion	Ratio	Lower	Upper
164	100		
129	98.1	70.1	105.1
131	86.3	70.2	105.4
166	116.0	100.6	151.0



Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220043.D
Acq On : 9 Aug 2011 3:27 am
Operator : LBD/MFF
Sample : 11H0217-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 09 05:34:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB220043.D

(5) CHLOROMETHANE (P)

1.174min (+0.039) 0.22UG/L

response 1792

Ion	Exp%	Act%
50.00	100	100
52.00	30.70	35.55
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-08	File ID:	VB220044.D
Sampled:	08/03/11 16:25	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 03:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW18-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-08	File ID:	VB220044.D
Sampled:	08/03/11 16:25	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 03:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane	1.9	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	1.0	V-05
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW18-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-08	File ID:	VB220044.D
Sampled:	08/03/11 16:25	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 03:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	54	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	V-05
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW18-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0217-08	File ID:	VB220044.D
Sampled:	08/03/11 16:25	Prepared:	08/08/11 10:16	Analyzed:	08/09/11 03:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220044.D
Acq On : 9 Aug 2011 3:58 am
Operator : LBD/MFF
Sample : 11H0217-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

CHECKED BY: MARK FLANIVE AUG 09 2011

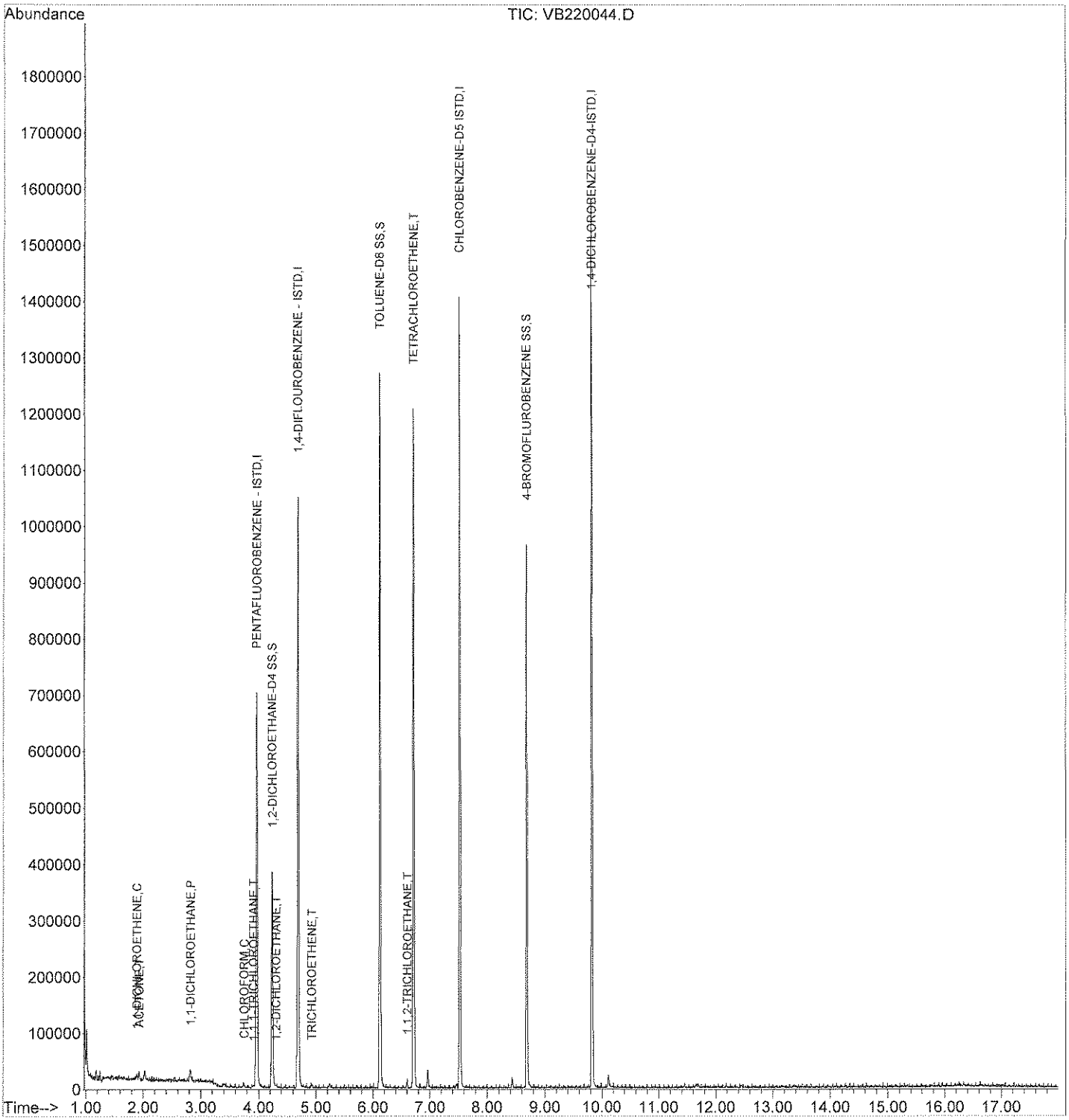
Quant Time: Aug 09 09:01:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

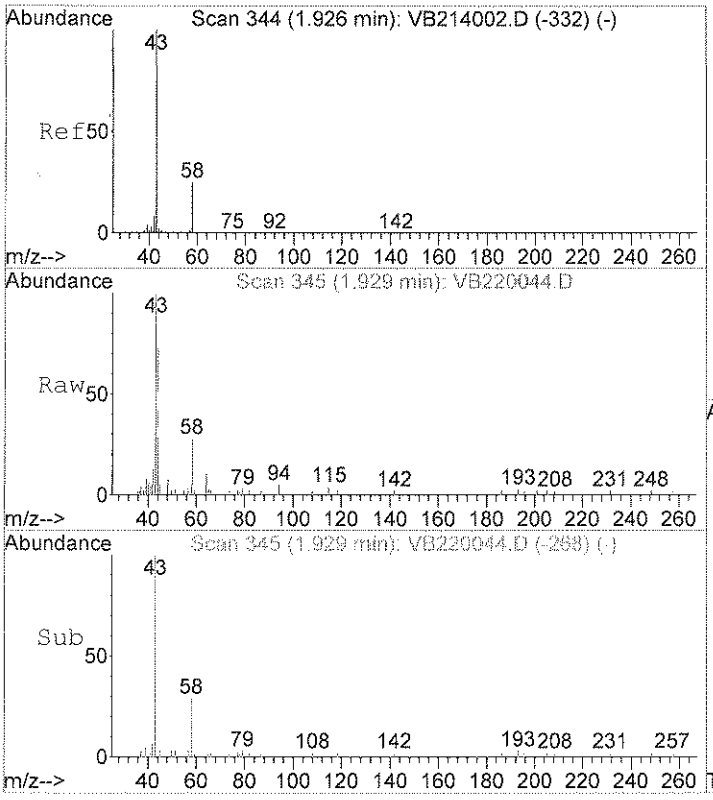
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	406056	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	673610	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	348797	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	309805	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	232177	25.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.12%			
42) TOLUENE-D8 SS	6.13	98	657653	25.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.12%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	250464	23.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	12175	6.19	UG/L	92
14) 1,1-DICHLOROETHENE	1.89	61	3688	0.52	UG/L #	93
16) IODOMETHANE	2.01	142	1653	Below Cal		91
24) 1,1-DICHLOROETHANE	2.81	63	16069	1.91	UG/L #	87
34) CHLOROFORM	3.75	83	3180	0.33	UG/L	90
35) 1,1,1-TRICHLOROETHANE	3.90	97	1753m	0.25	UG/L	
43) 1,2-DICHLOROETHANE	4.30	62	1161	0.12	UG/L #	46
44) TRICHLOROETHENE	4.93	95	1307m	0.23	UG/L	
56) 1,1,2-TRICHLOROETHANE	6.60	97	2221	0.40	UG/L	97
58) TETRACHLOROETHENE	6.71	164	229974	53.81	UG/L	98

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220044.D
Acq On : 9 Aug 2011 3:58 am
Operator : LBD/MFF
Sample : 11H0217-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 09 09:01:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

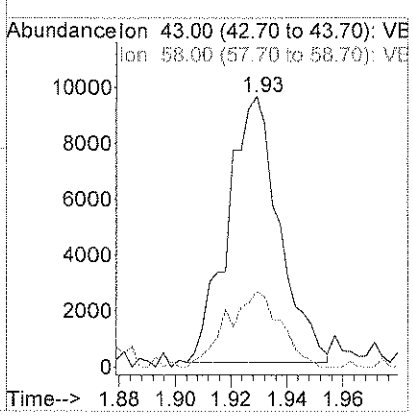


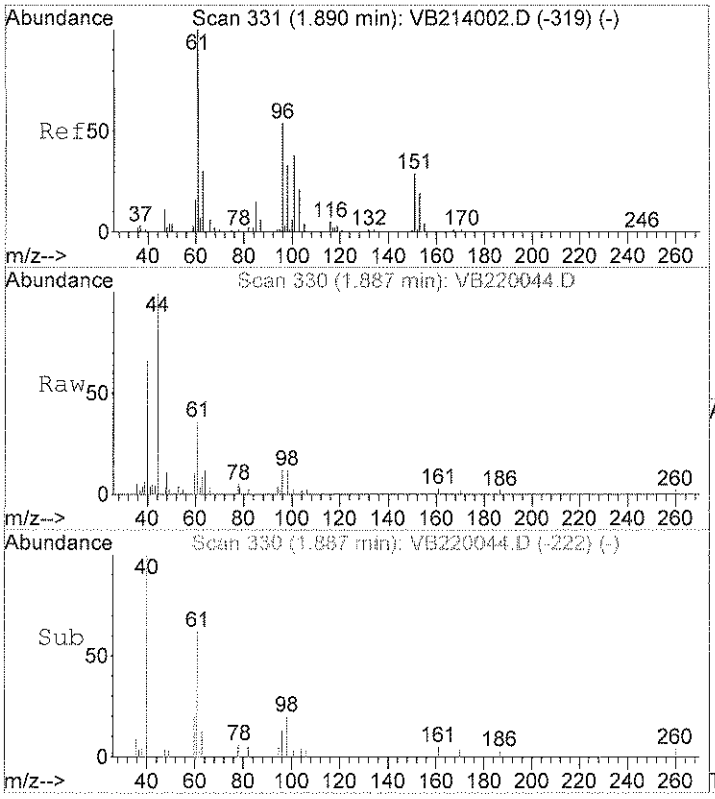


#13
ACETONE
Concen: 6.19 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion: 43 Resp: 12175

Ion	Ratio	Lower	Upper
43	100		
58	29.3	20.2	30.2

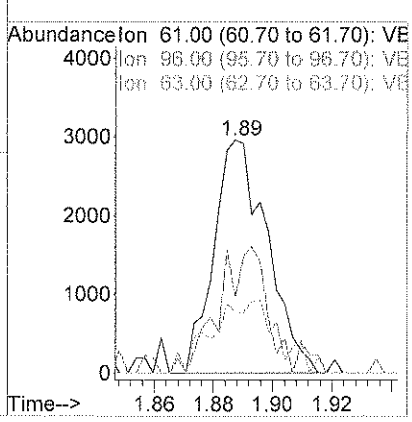


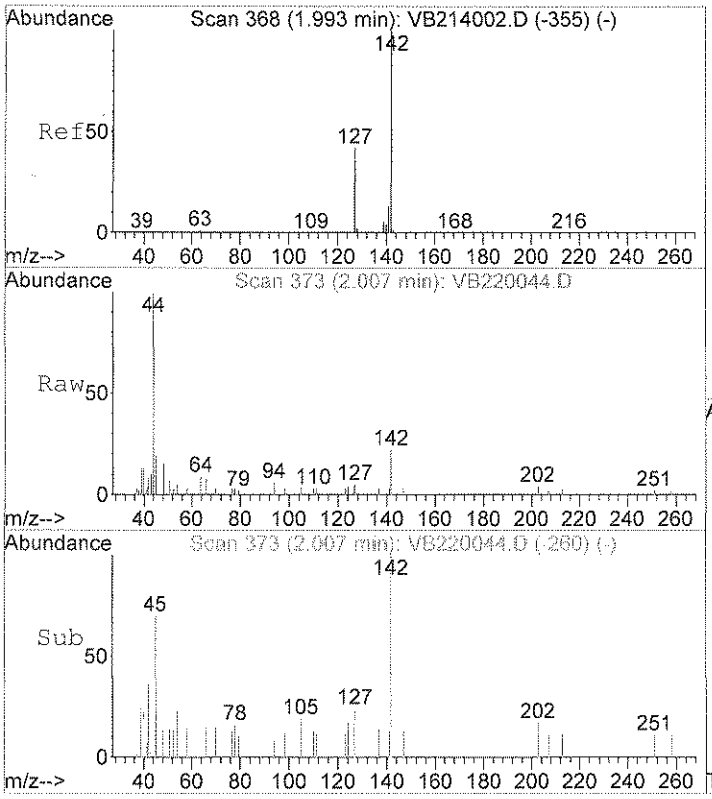


#14
1,1-DICHLOROETHENE
Concen: 0.52 UG/L
RT: 1.89 min Scan# 330
Delta R.T. -0.00 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion: 61 Resp: 3688

Ion	Ratio	Lower	Upper
61	100		
96	48.3	39.8	59.8
63	39.2	24.6	37.0#

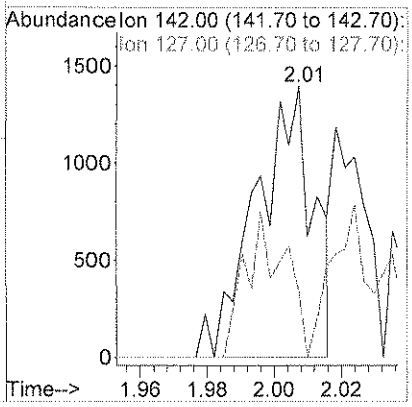


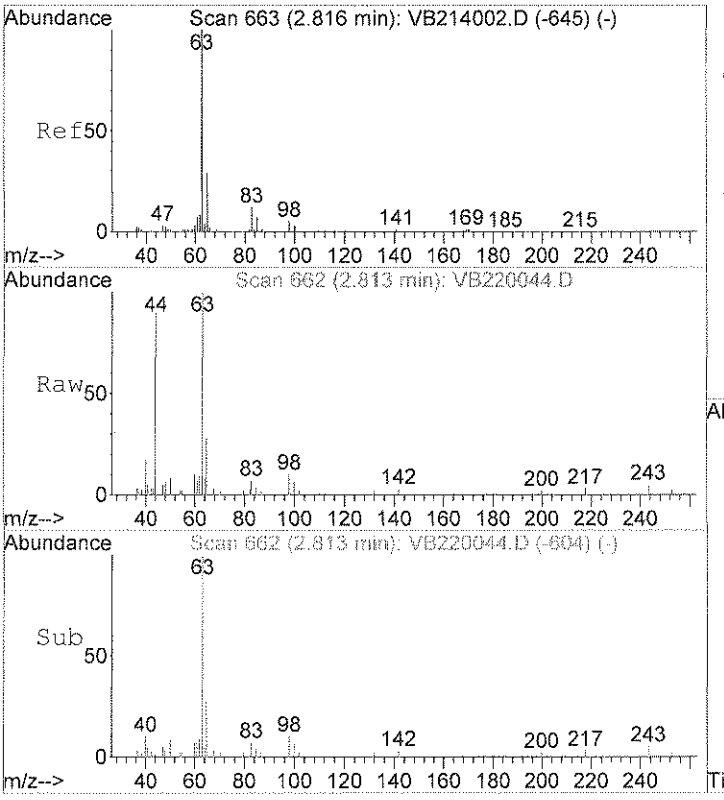


#16
IODOMETHANE
Concen: Below Cal
RT: 2.01 min Scan# 373
Delta R.T. 0.01 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion:142 Resp: 1653

Ion	Ratio	Lower	Upper
142	100		
127	37.4	34.5	51.7

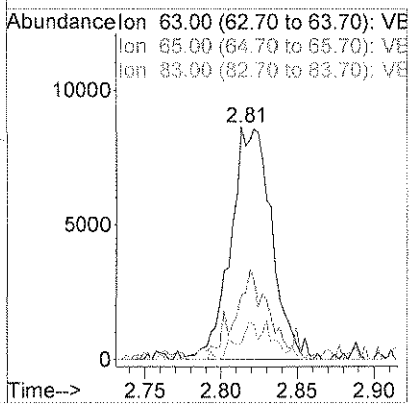


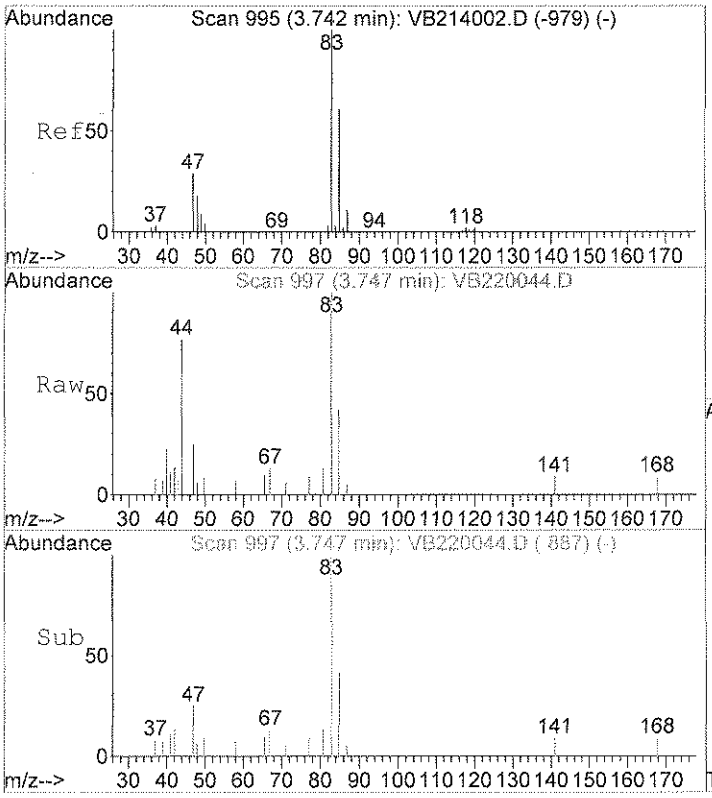


#24
1,1-DICHLOROETHANE
Concen: 1.91 UG/L
RT: 2.81 min Scan# 662
Delta R.T. -0.01 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion: 63 Resp: 16069

Ion	Ratio	Lower	Upper
63	100		
65	20.7	23.9	35.9#
83	10.9	9.4	14.0

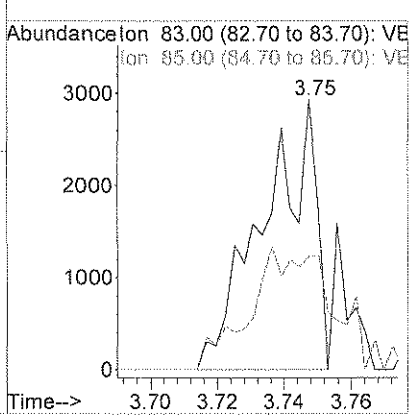


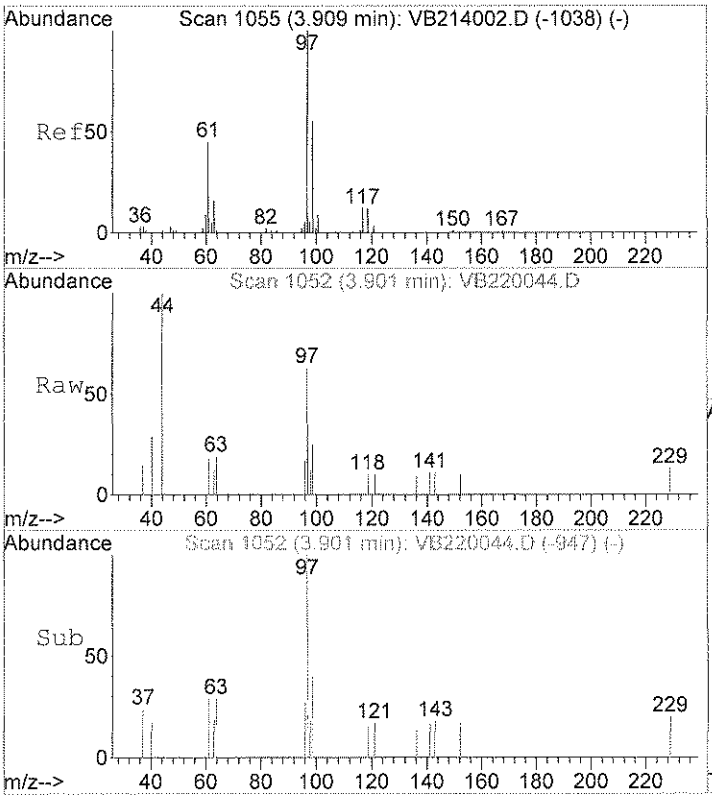


#34
CHLOROFORM
Concen: 0.33 UG/L
RT: 3.75 min Scan# 997
Delta R.T. 0.01 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion: 83 Resp: 3180

Ion	Ratio	Lower	Upper
83	100		
85	71.4	51.2	76.8

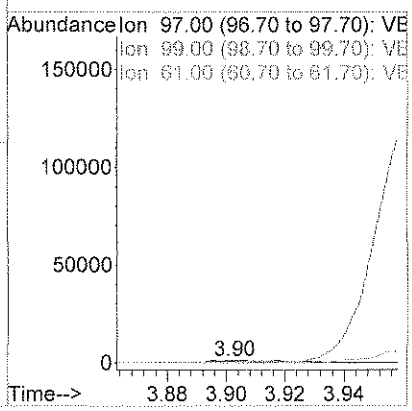


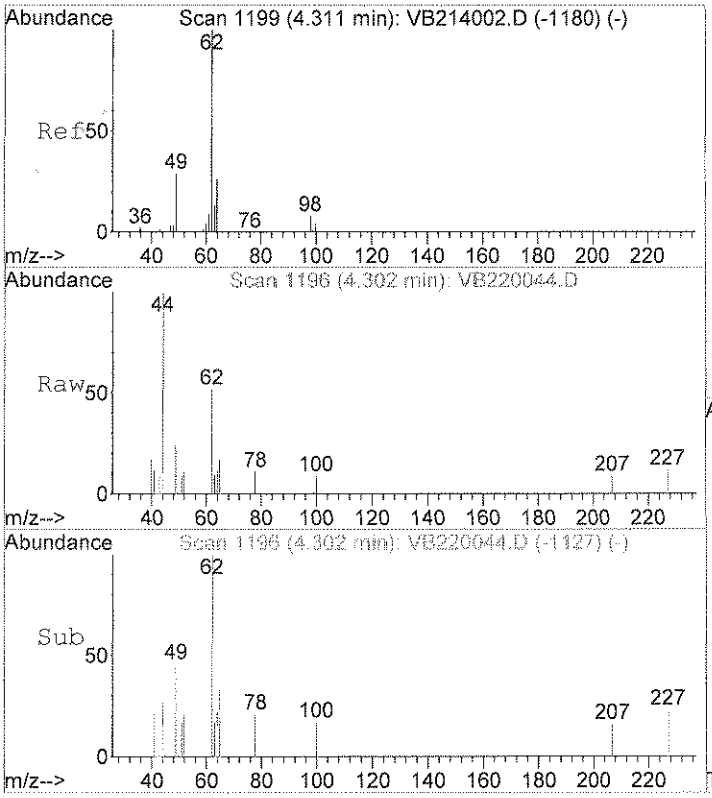


#35
1,1,1-TRICHLOROETHANE
Concen: 0.25 UG/L m
RT: 3.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion: 97 Resp: 1753

Ion	Ratio	Lower	Upper
97	100		
99	69.3	51.0	76.6
61	49.3	40.7	61.1

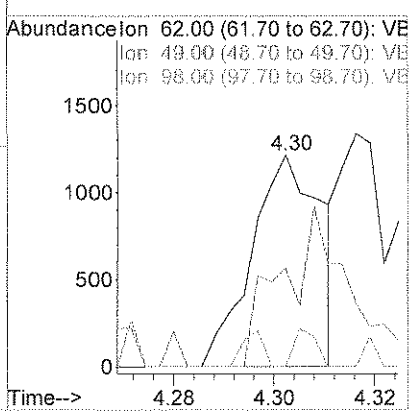


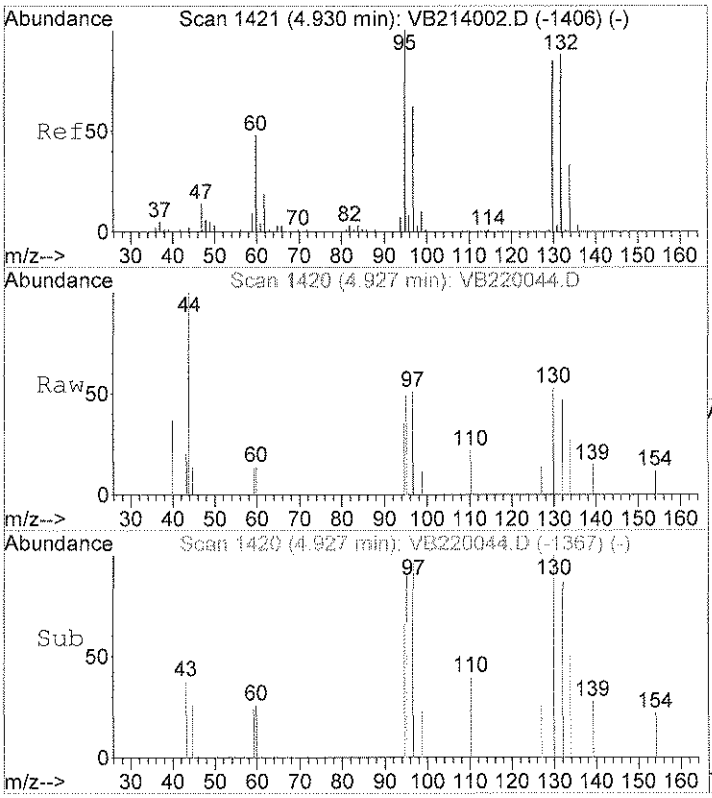


#43
1,2-DICHLOROETHANE
Concen: 0.12 UG/L
RT: 4.30 min Scan# 1196
Delta R.T. -0.01 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion: 62 Resp: 1161

Ion	Ratio	Lower	Upper
62	100		
49	76.2	31.5	47.3#
98	0.0	5.9	8.9#

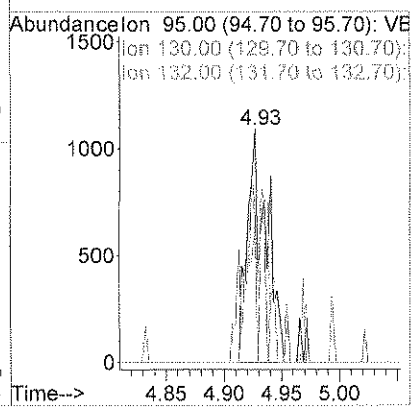


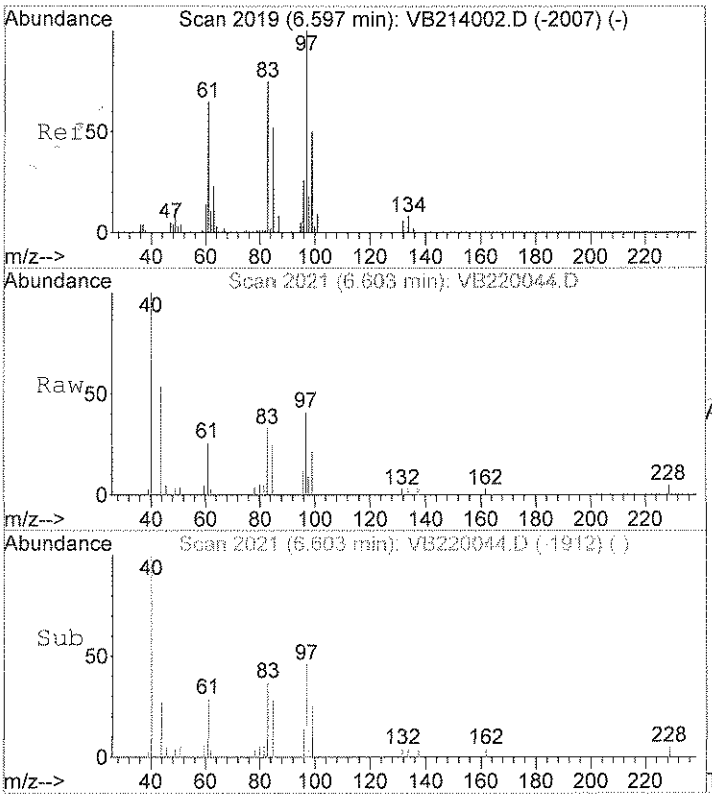


#44
TRICHLOROETHENE
Concen: 0.23 UG/L m
RT: 4.93 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion: 95 Resp: 1307

Ion	Ratio	Lower	Upper
95	100		
130	0.0	77.0	115.6#
132	69.1	78.0	117.0#

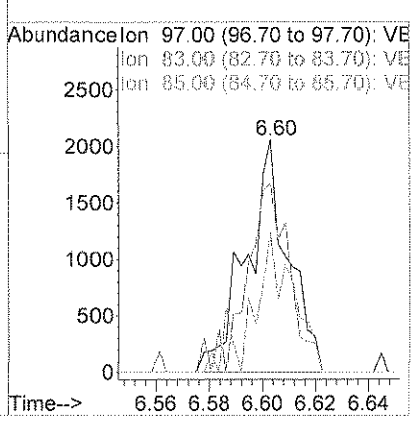


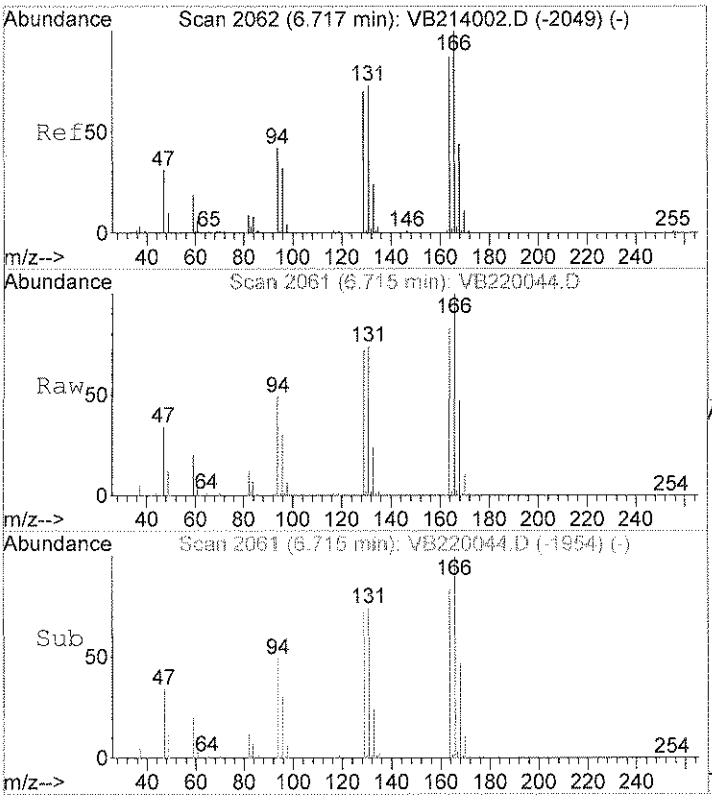


#56
1,1,2-TRICHLOROETHANE
Concen: 0.40 UG/L
RT: 6.60 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion: 97 Resp: 2221

Ion	Ratio	Lower	Upper
97	100		
83	79.2	65.9	98.9
85	50.6	42.3	63.5

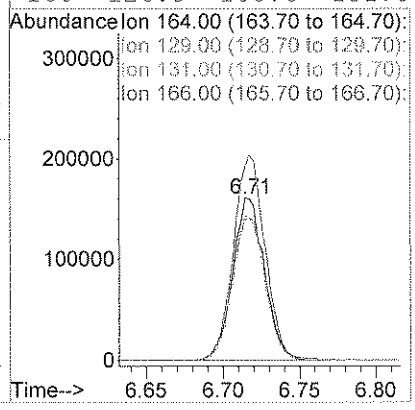




#58
TETRACHLOROETHENE
Concen: 53.81 UG/L
RT: 6.71 min Scan# 2061
Delta R.T. -0.00 min
Lab File: VB220044.D
Acq: 9 Aug 2011 3:58 am

Tgt Ion:164 Resp: 229974

Ion	Ratio	Lower	Upper
164	100		
129	90.7	70.1	105.1
131	89.9	70.2	105.4
166	126.9	100.6	151.0



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VOLATILES CALIBRATION DATA

con-test® ANALYTICAL LABORATORY

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0217

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.2102271	0.5	0.211121	1	0.221048	2	0.2119114	5	0.2380661	10	0.2497067
Ethyl Methacrylate	0.4	~~0.2551104~~	0.5	~~0.2254444~~	1	0.2849095	2	0.2613692	5	0.2976114	10	0.3086543
Acetone	4	0.1703746	5	0.1705382	10	0.1572997	20	0.1572232	50	0.149822	100	0.1409181
Acrolein	4	~~4.348111E-02~~	5	~~4.953914E-02~~	10	~~4.197301E-02~~	20	3.745779E-02	50	3.368109E-02	100	2.817292E-02
Acrylonitrile	0.4	~~0.2661531~~	0.5	0.2435496	1	0.2388074	2	0.1982862	5	0.2145496	10	0.1982211
tert-Amyl Methyl Ether (TAME)	0.4	0.8011257	0.5	0.8310912	1	0.8632485	2	0.8407993	5	0.9166451	10	0.9301367
Benzene	0.4	1.625584	0.5	1.637306	1	1.705881	2	1.552558	5	1.781403	10	1.742632
Bromobenzene	0.4	0.9274727	0.5	0.9849084	1	1.024673	2	0.9172579	5	1.031954	10	1.002419
Bromochloromethane	0.4	0.1629917	0.5	0.1944652	1	0.2142923	2	0.197479	5	0.2045497	10	0.2028017
Bromodichloromethane	0.4	0.2207805	0.5	0.2340739	1	0.2466344	2	0.2297233	5	0.2732985	10	0.2930255
Bromoform	0.4	0.113324	0.5	0.1486563	1	0.1535418	2	0.1429961	5	0.2092807	10	0.2268638
Bromomethane	0.4	~~0.4924748~~	0.5	~~0.5674799~~	1	~~0.3379911~~	2	0.2592921	5	0.2389135	10	0.2087505
2-Butanone (MEK)	4	0.2893352	5	0.2778284	10	0.2743642	20	0.2888333	50	0.2995837	100	0.2893391
tert-Butyl Alcohol (TBA)	4	3.676479E-02	5	3.350312E-02	10	3.488941E-02	20	3.532561E-02	50	3.352313E-02	100	3.211104E-02
n-Butylbenzene	0.4	1.151019	0.5	1.134136	1	1.407255	2	1.166735	5	1.530327	10	1.592783
sec-Butylbenzene	0.4	1.530658	0.5	1.601195	1	1.740158	2	1.513356	5	1.928759	10	2.006063
tert-Butylbenzene	0.4	1.263969	0.5	1.105262	1	1.304527	2	1.095063	5	1.353378	10	1.415095
tert-Butyl Ethyl Ether (TBEE)	0.4	1.306933	0.5	1.355372	1	1.399145	2	1.344889	5	1.425489	10	1.44966
Carbon Disulfide	4	0.4949247	5	0.5809347	10	0.6141262	20	0.5385037	50	0.7413829	100	0.7480977
Carbon Tetrachloride	0.4	~~0.3176504~~	0.5	~~0.3498768~~	1	~~0.3549733~~	2	~~0.2945707~~	5	0.3995948	10	0.4161063
Chlorobenzene	0.4	1.338602	0.5	1.421677	1	1.497706	2	1.273108	5	1.440661	10	1.472726
Chlorodibromomethane	0.4	~~0.1400949~~	0.5	~~0.1258738~~	1	0.1576157	2	0.1503594	5	0.1806091	10	0.1966916
Chloroethane	0.4	~~0~~	0.5	~~0.3457307~~	1	0.2568468	2	0.2421742	5	0.2487528	10	0.2314683
2-Chloroethyl Vinyl Ether	4	0.172143	5	0.1822059	10	0.1984052	20	0.2031337	50	0.2207366	100	0.2218046
Chloroform	0.4	0.6841317	0.5	0.7469657	1	0.7287789	2	0.6672653	5	0.7482263	10	0.7488102
Chloromethane	0.4	0.7292961	0.5	0.7117907	1	0.5983401	2	0.5202658	5	0.5536229	10	0.5225835

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0217

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	1.503621	0.5	1.334194	1	1.665288	2	1.437218	5	1.703953	10	1.700372
4-Chlorotoluene	0.4	1.47828	0.5	1.677669	1	1.839808	2	1.684837	5	1.932408	10	2.000891
Cyclohexane	0.4	~~2.428543~~	0.5	~~2.106885~~	1	~~1.391545~~	2	~~0.9236988~~	5	0.8564314	10	0.7758839
1,2-Dibromo-3-chloropropane (D	0.4	~~7.014582E-02~~	0.5	~~0~~	1	6.459963E-02	2	6.662958E-02	5	7.020005E-02	10	7.324151E-02
1,2-Dibromoethane (EDB)	0.4	0.1920009	0.5	0.2402971	1	0.2382668	2	0.2394413	5	0.2513497	10	0.2553604
Dibromomethane	0.4	0.1552042	0.5	0.1480283	1	0.1634564	2	0.1654971	5	0.1611737	10	0.1704744
1,2-Dichlorobenzene	0.4	1.08782	0.5	1.204308	1	1.200571	2	1.089978	5	1.160802	10	1.187219
1,3-Dichlorobenzene	0.4	1.121213	0.5	1.060463	1	1.231688	2	1.072462	5	1.222102	10	1.190258
1,4-Dichlorobenzene	0.4	1.339718	0.5	1.268706	1	1.310137	2	1.119751	5	1.238281	10	1.235913
trans-1,4-Dichloro-2-butene	0.4	0.1925899	0.5	0.216286	1	0.1979473	2	0.205311	5	0.2160442	10	0.2188405
Dichlorodifluoromethane (Freon	0.4	0.4434773	0.5	0.5072947	1	0.5174601	2	0.4277816	5	0.5056849	10	0.5029127
1,1-Dichloroethane	0.4	0.6019692	0.5	0.6574903	1	0.6599252	2	0.5833232	5	0.6473302	10	0.6242289
1,2-Dichloroethane	0.4	0.3936636	0.5	0.4516357	1	0.423719	2	0.4263887	5	0.4534348	10	0.44362
1,1-Dichloroethylene	0.4	0.5126405	0.5	0.5729635	1	0.538407	2	0.4650107	5	0.563422	10	0.5444883
cis-1,2-Dichloroethylene	0.4	0.7536281	0.5	0.7984575	1	0.8010026	2	0.6785652	5	0.7941161	10	0.7895596
trans-1,2-Dichloroethylene	0.4	0.5258065	0.5	0.5066259	1	0.4867337	2	0.4416374	5	0.5120972	10	0.5002225
Dichlorofluoromethane (Freon 2	0.4	0.5741373	0.5	0.6504018	1	0.6261591	2	0.5699383	5	0.6380398	10	0.6381557
1,2-Dichloropropane	0.4	0.2622025	0.5	0.2726575	1	0.3146514	2	0.2663113	5	0.3015848	10	0.3054484
1,3-Dichloropropane	0.4	0.3874965	0.5	0.4771921	1	0.4572719	2	0.43158	5	0.4412493	10	0.4458757
2,2-Dichloropropane	0.4	0.2971515	0.5	0.3279427	1	0.3403039	2	0.3153544	5	0.3852844	10	0.3896473
1,1-Dichloropropene	0.4	0.5618046	0.5	0.5150519	1	0.5229446	2	0.4722076	5	0.5392321	10	0.5380173
cis-1,3-Dichloropropene	0.4	0.1961123	0.5	0.2522455	1	0.2627894	2	0.2487025	5	0.2906684	10	0.3381146
trans-1,3-Dichloropropene	0.4	0.1599322	0.5	0.1743315	1	0.1827182	2	0.157648	5	0.2193638	10	0.249275
Diethyl Ether	0.4	0.3206503	0.5	0.3833131	1	0.318498	2	0.2908377	5	0.3131163	10	0.3061854
Difluorochloromethane (Freon 2	0.4	0.8416237	0.5	0.8928814	1	0.8424338	2	0.7520817	5	0.8688677	10	0.8428478
Diisopropyl Ether (DIPE)	0.4	1.546088	0.5	1.615104	1	1.578812	2	1.428562	5	1.546372	10	1.484659

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0217

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4	~~0~~	5	~~0~~	10	~~0~~	20	2.049507E-03	50	1.849806E-03	100	2.047064E-03
Ethyl Acetate	0.4	~~1.24177~~	0.5	~~1.02462~~	1	0.7494615	2	0.759346	5	0.7471553	10	0.6785217
Ethylbenzene	0.4	2.057874	0.5	2.192398	1	2.305658	2	2.018181	5	2.434429	10	2.471617
Hexachlorobutadiene	0.4	~~0.3921891~~	0.5	~~0.3837617~~	1	0.3095874	2	0.2202731	5	0.2597574	10	0.2717643
2-Hexanone (MBK)	4	0.1978802	5	0.2115543	10	0.2407564	20	0.2586718	50	0.2774552	100	0.2690553
Iodomethane	4	0.4706759	5	0.4783389	10	0.3244781	20	0.2456919	50	0.3330385	100	0.3721902
Isopropylbenzene (Cumene)	0.4	1.312247	0.5	1.517876	1	1.617046	2	1.372361	5	1.761217	10	1.823716
p-Isopropyltoluene (p-Cymene)	0.4	1.452892	0.5	1.349028	1	1.548813	2	1.29204	5	1.613308	10	1.643073
Methyl Acetate	0.4	1.060779	0.5	1.014322	1	0.8708475	2	0.9360076	5	0.910099	10	0.8383663
Methyl tert-Butyl Ether (MTBE)	0.4	0.9011206	0.5	1.038931	1	1.003863	2	0.9661743	5	0.9451054	10	0.9358013
Methyl Cyclohexane	0.4	0.256755	0.5	0.2683428	1	0.2760449	2	0.2330665	5	0.3051766	10	0.3040107
Methylene Chloride	0.4	~~1.955567~~	0.5	~~1.742296~~	1	~~1.12439~~	2	~~0.9063791~~	5	0.7213858	10	0.6647072
4-Methyl-2-pentanone (MIBK)	4	0.3097402	5	0.3196963	10	0.3591028	20	0.3856893	50	0.4042001	100	0.3890615
Naphthalene	0.4	1.647642	0.5	1.211833	1	1.173838	2	1.182469	5	1.233313	10	1.301157
n-Propylbenzene	0.4	2.053617	0.5	2.120894	1	2.451445	2	2.08931	5	2.574942	10	2.56671
Styrene	0.4	1.08641	0.5	1.15826	1	1.329308	2	1.238794	5	1.52129	10	1.62198
1,1,1,2-Tetrachloroethane	0.4	~~0.2933449~~	0.5	~~0.2766524~~	1	0.3540196	2	0.337156	5	0.4034648	10	0.4290846
1,1,2,2-Tetrachloroethane	0.4	0.6434532	0.5	0.6598338	1	0.6808572	2	0.6848482	5	0.6902832	10	0.6829321
Tetrachloroethylene	0.4	0.1899452	0.5	0.1504346	1	0.2103475	2	0.1828982	5	0.1997957	10	0.2029547
Tetrahydrofuran	0.4	0.254987	0.5	0.2225516	1	0.2154817	2	0.1610234	5	0.181404	10	0.1804407
Toluene	0.4	0.9814865	0.5	1.119754	1	1.1461	2	0.9622714	5	1.169741	10	1.157205
1,2,3-Trichlorobenzene	0.4	~~0.9269109~~	0.5	0.6179036	1	0.5345905	2	0.5205191	5	0.4963333	10	0.4833462
1,2,4-Trichlorobenzene	0.4	0.8404052	0.5	0.6252534	1	0.6289918	2	0.5295161	5	0.5973559	10	0.5886805
1,3,5-Trichlorobenzene	0.4	0.6526026	0.5	0.665502	1	0.6635268	2	0.6186163	5	0.7216117	10	0.7174527
1,1,1-Trichloroethane	0.4	0.4161454	0.5	0.4453708	1	0.4674388	2	0.4102937	5	0.5121239	10	0.533906
1,1,2-Trichloroethane	0.4	0.2388705	0.5	0.2411268	1	0.2650263	2	0.2456501	5	0.2508271	10	0.2584713

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0217

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.2369176	0.5	0.2603771	1	0.2675945	2	0.2256741	5	0.2805816	10	0.2679815
Trichlorofluoromethane (Freon 1	0.4	0.4653096	0.5	0.5234778	1	0.5213587	2	0.4306738	5	0.5314143	10	0.5224116
1,2,3-Trichloropropane	0.4	0.2079971	0.5	0.2385602	1	0.2020287	2	0.1980956	5	0.2139893	10	0.1960782
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.2741527	0.5	0.2922328	1	0.2874411	2	0.2279484	5	0.2785785	10	0.255647
1,2,4-Trimethylbenzene	0.4	1.483147	0.5	1.457525	1	1.724468	2	1.60815	5	1.956374	10	2.016749
1,3,5-Trimethylbenzene	0.4	1.470576	0.5	1.403115	1	1.573947	2	1.448615	5	1.793804	10	1.83513
Vinyl Acetate	4	0.84779	5	0.856797	10	0.907858	20	0.900043	50	0.9458791	100	0.9203397
Vinyl Chloride	0.4	0.3996462	0.5	0.4841568	1	0.4562054	2	0.3874921	5	0.4715621	10	0.4493205
m+p Xylene	0.8	1.509398	1	1.593657	2	1.815932	4	1.558014	10	1.898226	20	1.943868
o-Xylene	0.4	1.541733	0.5	1.582762	1	1.71051	2	1.588454	5	1.941841	10	1.993069
1,2-Dichloroethane-d4	25	0.6821811	25	0.6803874	25	0.6761303	25	0.6817655	25	0.6766767	25	0.6697888
Toluene-d8	25	1.15874	25	1.162689	25	1.160648	25	1.17373	25	1.161222	25	1.154519
4-Bromofluorobenzene	25	0.8952976	25	0.8818982	25	0.89737	25	0.9118431	25	0.9210972	25	0.9221101

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0217

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2625874	50	0.2984455	100	0.2959402	200	0.3001231				
Ethyl Methacrylate	20	0.3211755	50	0.3556713	100	0.3463547	200	0.3381154				
Acetone	200	0.1316773	500	0.1303286	1000	0.1245281	2000	0.1202131				
Acrolein	200	2.615286E-02	500	2.732081E-02	1000	3.049969E-02	2000	3.719652E-02				
Acrylonitrile	20	0.1851665	50	0.1852535	100	0.1788838	200	0.1714034				
tert-Amyl Methyl Ether (TAME)	20	0.93096	50	1.002042	100	0.9991055	200	1.018184				
Benzene	20	1.714781	50	1.707969	100	1.65363	200	1.572926				
Bromobenzene	20	1.014664	50	1.013843	100	0.9529609	200	0.9074788				
Bromochloromethane	20	0.1978022	50	0.1924981	100	0.1823228	200	0.1743462				
Bromodichloromethane	20	0.3153942	50	~~0.3410568~~	100	~~0.3408294~~	200	~~0.3366585~~				
Bromoform	20	0.2566536	50	0.3220343	100	0.340948	200	0.3672281				
Bromomethane	20	0.1745351	50	0.2141839	100	0.2342755	200	~~0.1638786~~				
2-Butanone (MEK)	200	0.2744413	500	0.2827802	1000	0.2706356	2000	0.2626105				
tert-Butyl Alcohol (TBA)	200	2.890768E-02	500	2.939306E-02	1000	2.922766E-02	2000	0.0303476				
n-Butylbenzene	20	1.609409	50	1.602663	100	1.574261	200	1.48978				
sec-Butylbenzene	20	2.045172	50	2.082879	100	2.057512	200	1.990541				
tert-Butylbenzene	20	1.475809	50	1.493913	100	1.483953	200	1.459663				
tert-Butyl Ethyl Ether (TBEE)	20	1.446075	50	1.515405	100	1.507847	200	1.514709				
Carbon Disulfide	200	0.7321862	500	0.735085	1000	0.6789226	2000	~~0.4929503~~				
Carbon Tetrachloride	20	0.4251924	50	0.4638234	100	0.4834938	200	0.482249				
Chlorobenzene	20	1.458008	50	1.449337	100	1.371906	200	1.313957				
Chlorodibromomethane	20	0.2156768	50	~~0.2478971~~	100	~~0.255385~~	200	~~0.2595625~~				
Chloroethane	20	0.2275168	50	0.2196425	100	0.2145301	200	0.1962674				
2-Chloroethyl Vinyl Ether	200	0.2092207	500	0.205713	1000	0.1800148	2000	0.1542224				
Chloroform	20	0.7193773	50	0.7307594	100	0.7114095	200	0.7015769				
Chloromethane	20	0.5010227	50	0.5307456	100	0.5580277	200	0.5900808				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0217

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	1.679115	50	1.70781	100	1.596642	200	1.532158				
4-Chlorotoluene	20	1.964774	50	1.937847	100	1.782427	200	1.652308				
Cyclohexane	20	0.7174411	50	0.7227917	100	0.7036515	200	0.6780238				
1,2-Dibromo-3-chloropropane (D	20	7.979016E-02	50	9.219555E-02	100	~~0.1023006~~	200	~~0.1105783~~				
1,2-Dibromoethane (EDB)	20	0.2542339	50	0.2663428	100	0.2571889	200	0.248813				
Dibromomethane	20	0.1688809	50	0.1695524	100	0.1625604	200	0.1567554				
1,2-Dichlorobenzene	20	1.185291	50	1.184851	100	1.1567	200	1.136702				
1,3-Dichlorobenzene	20	1.205168	50	1.213547	100	1.18589	200	1.177716				
1,4-Dichlorobenzene	20	1.234027	50	1.228587	100	1.20667	200	1.195956				
trans-1,4-Dichloro-2-butene	20	0.2313441	50	0.2549113	100	0.2572197	200	0.262114				
Dichlorodifluoromethane (Freon	20	0.4504703	50	0.51297	100	0.4949306	200	0.4534173				
1,1-Dichloroethane	20	0.6111535	50	0.6192891	100	0.602266	200	0.5947464				
1,2-Dichloroethane	20	0.4250768	50	0.4280604	100	0.4037605	200	0.3856371				
1,1-Dichloroethylene	20	0.5311849	50	0.5294	100	0.5161111	200	0.4913425				
cis-1,2-Dichloroethylene	20	0.7712627	50	0.7875754	100	0.7564107	200	0.7282414				
trans-1,2-Dichloroethylene	20	0.4806389	50	0.4814375	100	0.4681474	200	0.4453591				
Dichlorofluoromethane (Freon 2	20	0.61836	50	0.6233543	100	0.6004784	200	0.576922				
1,2-Dichloropropane	20	0.2927426	50	0.2938116	100	0.2857474	200	0.269297				
1,3-Dichloropropane	20	0.4325561	50	0.4393909	100	0.4163259	200	0.3908345				
2,2-Dichloropropane	20	0.3920108	50	0.4334015	100	0.4476947	200	0.4585414				
1,1-Dichloropropene	20	0.5388065	50	0.5414432	100	0.5159237	200	0.4920014				
cis-1,3-Dichloropropene	20	0.3543784	50	0.3933909	100	0.3849608	200	0.3796179				
trans-1,3-Dichloropropene	20	0.2787065	50	0.3320887	100	0.3381152	200	0.3400304				
Diethyl Ether	20	0.3060778	50	0.3063483	100	0.2976515	200	0.2945969				
Difluorochloromethane (Freon 2	20	0.781333	50	0.8378519	100	0.8052711	200	0.7597862				
Diisopropyl Ether (DIPE)	20	1.452866	50	1.428728	100	1.35022	200	1.260897				

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

SW-846 8260C

Client: Ecology & Environment SDG: 11H0217

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	1.759554E-03	500	1.782913E-03	1000	1.964842E-03	2000	2.048037E-03				
Ethyl Acetate	20	0.6509449	50	0.6439889	100	0.6269405	200	0.6302609				
Ethylbenzene	20	2.455933	50	2.466575	100	2.304909	200	2.157991				
Hexachlorobutadiene	20	0.2670242	50	0.2748203	100	0.2718325	200	0.2746497				
2-Hexanone (MBK)	200	0.2587483	500	0.2669627	1000	0.2434783	2000	0.2174018				
Iodomethane	200	0.4061919	500	0.4422353	1000	0.4097691	2000	0.3711796				
Isopropylbenzene (Cumene)	20	1.850546	50	1.911407	100	1.822523	200	1.728952				
p-Isopropyltoluene (p-Cymene)	20	1.639804	50	1.66495	100	1.688712	200	1.656643				
Methyl Acetate	20	0.8211308	50	0.8001377	100	0.7706801	200	0.7780885				
Methyl tert-Butyl Ether (MTBE)	20	0.9080919	50	0.9173869	100	0.886271	200	0.8682667				
Methyl Cyclohexane	20	0.3018838	50	0.3088303	100	0.298789	200	0.2795861				
Methylene Chloride	20	0.6197319	50	0.6001059	100	0.575518	200	0.5594541				
4-Methyl-2-pentanone (MIBK)	200	0.368483	500	0.3714791	1000	0.3330972	2000	0.2851094				
Naphthalene	20	1.315812	50	1.374166	100	1.396314	200	1.378191				
n-Propylbenzene	20	2.577111	50	2.605656	100	2.458387	200	2.318419				
Styrene	20	1.585706	50	1.599896	100	1.477603	200	1.378282				
1,1,1,2-Tetrachloroethane	20	0.4510269	50	0.4800175	100	0.4731989	200	0.4684639				
1,1,2,2-Tetrachloroethane	20	0.6614561	50	0.6686806	100	0.627021	200	0.6117959				
Tetrachloroethylene	20	0.1947515	50	0.1964247	100	0.1906315	200	0.185103				
Tetrahydrofuran	20	0.176773	50	0.1798427	100	0.1844263	200	0.1847629				
Toluene	20	1.133644	50	1.13601	100	1.072158	200	0.9980998				
1,2,3-Trichlorobenzene	20	0.4818702	50	0.4863109	100	0.4888358	200	0.4876054				
1,2,4-Trichlorobenzene	20	0.6126786	50	0.6379137	100	0.6441814	200	0.6410372				
1,3,5-Trichlorobenzene	20	0.7218999	50	0.7414364	100	0.750152	200	0.7383385				
1,1,1-Trichloroethane	20	0.5342368	50	0.577294	100	0.5938339	200	0.5940047				
1,1,2-Trichloroethane	20	0.2545743	50	0.2531562	100	0.2381496	200	0.2273803				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0217

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.2660582	50	0.2655872	100	0.2540171	200	0.2403026				
Trichlorofluoromethane (Freon 1	20	0.4952724	50	0.5058649	100	0.4920845	200	0.4729266				
1,2,3-Trichloropropane	20	0.1969118	50	0.1924579	100	0.1844501	200	0.1773852				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2618173	50	0.2565806	100	0.2456918	200	0.233132				
1,2,4-Trimethylbenzene	20	2.042389	50	2.023024	100	1.974542	200	1.903207				
1,3,5-Trimethylbenzene	20	1.845259	50	1.82539	100	1.691396	200	1.582616				
Vinyl Acetate	200	0.9053903	500	0.9193748	1000	0.8567755	2000	~~0.6690714~~				
Vinyl Chloride	20	0.4416616	50	0.4549272	100	0.4372358	200	0.4140285				
m+p Xylene	40	1.924166	100	1.887694	200	1.731908	400	1.5749				
o-Xylene	20	2.00679	50	2.033107	100	1.879066	200	1.757182				
1,2-Dichloroethane-d4	25	0.6602854	25	0.6507376	25	0.6652627	25	0.6754365				
Toluene-d8	25	1.153196	25	1.151335	25	1.157492	25	1.15095				
4-Bromofluorobenzene	25	0.9303739	25	0.9313767	25	0.9350694	25	0.9513614				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2499176	15.00308			15	*
Ethyl Methacrylate	0.3142327	10.29752			15	
Acetone	0.1452923	12.69528			15	
Acrolein	3.149738E-02	14.82532			15	
Acrylonitrile	0.201569	12.7686			15	
tert-Amyl Methyl Ether (TAME)	0.9133338	8.476879			15	
Benzene	1.669467	4.417185			15	
Bromobenzene	0.9777632	4.845872			15	
Bromochloromethane	0.1923549	7.915903			15	
Bromodichloromethane	0.25899	13.77315			15	
Bromoform	0.2281527	39.84363	0.9981565		0.995	
Bromomethane	0.2216584	13.25523			15	
2-Butanone (MEK)	0.2809751	3.919632			15	
tert-Butyl Alcohol (TBA)	3.239931E-02	8.722839			15	
n-Butylbenzene	1.425837	13.98719			15	
sec-Butylbenzene	1.849629	12.42019			15	
tert-Butylbenzene	1.345063	11.21702			15	
tert-Butyl Ethyl Ether (TBEE)	1.426552	5.224191			15	
Carbon Disulfide	0.6515737	14.89168			15	
Carbon Tetrachloride	0.4450766	8.10866			15	
Chlorobenzene	1.403769	5.345667			15	
Chlorodibromomethane	0.1801905	15.02328			15	*
Chloroethane	0.2296499	8.571683			15	
2-Chloroethyl Vinyl Ether	0.19476	11.28627			15	
Chloroform	0.7187301	3.883521			15	
Chloromethane	0.5815776	13.65718			15	
2-Chlorotoluene	1.586037	8.197326			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	1.795125	9.454451			15	
Cyclohexane	0.7423706	8.683415			15	
1,2-Dibromo-3-chloropropane (DBCP)	7.444275E-02	13.71408			15	
1,2-Dibromoethane (EDB)	0.2443295	8.359253			15	
Dibromomethane	0.1621583	4.409711			15	
1,2-Dichlorobenzene	1.159424	3.6673			15	
1,3-Dichlorobenzene	1.168051	5.279809			15	
1,4-Dichlorobenzene	1.237775	4.916749			15	
trans-1,4-Dichloro-2-butene	0.2252608	11.18551			15	
Dichlorodifluoromethane (Freon 12)	0.48164	7.008602			15	
1,1-Dichloroethane	0.6201722	4.321779			15	
1,2-Dichloroethane	0.4234997	5.47449			15	
1,1-Dichloroethylene	0.5264971	6.11696			15	
cis-1,2-Dichloroethylene	0.7658819	5.044296			15	
trans-1,2-Dichloroethylene	0.4848706	5.697738			15	
Dichlorofluoromethane (Freon 21)	0.6115947	4.80457			15	
1,2-Dichloropropane	0.2864455	6.328546			15	
1,3-Dichloropropane	0.4319773	6.426007			15	
2,2-Dichloropropane	0.3787333	15.0347			15	*
1,1-Dichloropropene	0.5237433	5.02479			15	
cis-1,3-Dichloropropene	0.3100981	22.25012	0.9997853		0.995	
trans-1,3-Dichloropropene	0.2432209	30.89112	0.9997096		0.995	
Diethyl Ether	0.3137275	8.387252			15	
Difluorochloromethane (Freon 22)	0.8224978	5.644703			15	
Diisopropyl Ether (DIPE)	1.469231	7.404362			15	
1,4-Dioxane	1.928818E-03	6.701222			15	
Ethyl Acetate	0.6858275	8.319947			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	2.286557	7.541548			15	
Hexachlorobutadiene	0.2687136	9.10668			15	
2-Hexanone (MBK)	0.2441964	11.09344			15	
Iodomethane	0.3853789	18.65452	0.9963051		0.995	
Isopropylbenzene (Cumene)	1.671789	12.48444			15	
p-Isopropyltoluene (p-Cymene)	1.554926	9.112315			15	
Methyl Acetate	0.8800459	11.28473			15	
Methyl tert-Butyl Ether (MTBE)	0.9371012	5.689543			15	
Methyl Cyclohexane	0.2832486	8.855729			15	
Methylene Chloride	0.6234838	9.688688			15	
4-Methyl-2-pentanone (MIBK)	0.3525659	11.02284			15	
Naphthalene	1.321474	10.68206			15	
n-Propylbenzene	2.381649	9.239553			15	
Styrene	1.399753	13.73552			15	
1,1,1,2-Tetrachloroethane	0.424554	12.94719			15	
1,1,2,2-Tetrachloroethane	0.6611161	3.984584			15	
Tetrachloroethylene	0.1903287	8.545493			15	
Tetrahydrofuran	0.1941693	14.46523			15	
Toluene	1.087647	7.234812			15	
1,2,3-Trichlorobenzene	0.5108128	8.631423			15	
1,2,4-Trichlorobenzene	0.6346014	12.61047			15	
1,3,5-Trichlorobenzene	0.6991139	6.456237			15	
1,1,1-Trichloroethane	0.5084648	13.82793			15	
1,1,2-Trichloroethane	0.2473233	4.532725			15	
Trichloroethylene	0.2565092	6.659259			15	
Trichlorofluoromethane (Freon 11)	0.4960794	6.446629			15	
1,2,3-Trichloropropane	0.2007954	8.436964			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2613222	8.372019			15	
1,2,4-Trimethylbenzene	1.818957	12.6651			15	
1,3,5-Trimethylbenzene	1.646985	10.50653			15	
Vinyl Acetate	0.8955831	3.800918			15	
Vinyl Chloride	0.4396236	7.026292			15	
m+p Xylene	1.743776	9.802917			15	
o-Xylene	1.803451	10.60349			15	
1,2-Dichloroethane-d4	0.6718652	1.536864			15	
Toluene-d8	1.158452	0.5860354			15	
4-Bromofluorobenzene	0.9177798	2.309819			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S000873	Instrument:	GCMSVOA2
Calibration:	1100023		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1107153	0.4ppb 8260 Calibration Standard	S000873-CAL1	Copy of VB168009.D	06/17/11 10:00
1107154	0.5ppb 8260 Calibration Standard	S000873-CAL2	Copy of VB168010.D	06/17/11 10:32
1107155	1ppb 8260 Calibration Standard	S000873-CAL3	Copy of VB168011.D	06/17/11 11:04
1107156	2ppb 8260 Calibration Standard	S000873-CAL4	Copy of VB168012.D	06/17/11 11:36
1107157	5ppb 8260 Calibration Standard	S000873-CAL5	Copy of VB168013.D	06/17/11 12:08
1107158	10ppb 8260 Calibration Standard	S000873-CAL6	Copy of VB168014.D	06/17/11 12:39
1107159	20ppb 8260 Calibration Standard	S000873-CAL7	Copy of VB168015.D	06/17/11 13:11
1107160	50ppb 8260 Calibration Standard	S000873-CAL8	Copy of VB168016.D	06/17/11 13:42
1107161	100ppb 8260 Calibration Standard	S000873-CAL9	Copy of VB168017.D	06/17/11 14:14
1107186	200ppb 8260 Calibration Standard	S000873-CALA	Copy of VB168018.D	06/17/11 14:45

Response Factor Report GCMSVOA2

Method Path : W:\1\METHODS\
Method File : B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Mon Jun 20 12:36:24 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VB168009.D 0.5 =VB168010.D 1.0 =VB168011.D 2.0 =VB168012.D 5.0 =VB168013.D 10 =VB168014.D 20 =VB168018.D
50 =VB168016.D 100 =VB168017.D 200 =VB168018.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)	I	PENTAFLUOROBENZENE...	ISTD											
2)	S	1,2-DICHLOROET...	0.682	0.680	0.676	0.682	0.677	0.670	0.660	0.651	0.665	0.675	0.672	1.54
3)	T	DICHLORODIFLOU...	0.443	0.507	0.517	0.428	0.506	0.503	0.450	0.513	0.495	0.453	0.482	7.01
4)		DIFLUOROCHLORO...	0.842	0.893	0.842	0.752	0.869	0.843	0.781	0.838	0.805	0.760	0.822	5.64
5)	P	CHLOROMETHANE	0.729	0.712	0.598	0.520	0.554	0.523	0.501	0.531	0.558	0.590	0.582	13.66
6)	C	VINYL CHLORIDE	0.400	0.484	0.456	0.387	0.472	0.449	0.442	0.455	0.437	0.414	0.440	7.03#
7)	T	BROMOMETHANE				0.259	0.239	0.209	0.175	0.214	0.234		0.222	13.26
8)	T	CHLOROETHANE			0.257	0.242	0.249	0.231	0.228	0.220	0.215	0.196	0.230	8.57
9)		FLUORODICHLORO...	0.574	0.650	0.626	0.570	0.638	0.638	0.618	0.623	0.600	0.577	0.612	4.80
10)	T	TRICHLOROFLUOR...	0.465	0.523	0.521	0.431	0.531	0.522	0.495	0.506	0.492	0.473	0.496	6.45
11)	T	DI ETHYL ETHER	0.321	0.383	0.318	0.291	0.313	0.306	0.306	0.306	0.298	0.295	0.314	8.39
12)		ACROLEIN				0.037	0.034	0.028	0.026	0.027	0.030	0.037	0.031#	14.83
13)	T	ACETONE	0.170	0.171	0.157	0.157	0.150	0.141	0.132	0.130	0.125	0.120	0.145	12.70
14)	C	1,1-DICHLOROET...	0.513	0.573	0.538	0.465	0.563	0.544	0.531	0.529	0.516	0.491	0.526	6.12#
15)		1,1,2-TRICL-1,...	0.274	0.292	0.287	0.228	0.279	0.256	0.262	0.257	0.246	0.233	0.261	8.37
16)		IODOMETHANE	0.471	0.478	0.324	0.246	0.333	0.372	0.406	0.442	0.410	0.371	0.385	18.65
17)		METHYL ACETATE	1.061	1.014	0.876	0.936	0.910	0.838	0.821	0.800	0.771	0.778	0.881	11.27
18)		T-BUTYL ALCOHOL	0.037	0.034	0.035	0.035	0.034	0.032	0.029	0.029	0.029	0.030	0.032#	8.72
19)		ACRYLONITRILE		0.244	0.239	0.198	0.215	0.198	0.185	0.185	0.179	0.171	0.202	12.77
20)	T	METHYLENE CHLO...					0.721	0.665	0.620	0.600	0.576	0.559	0.623	9.69
21)		CARBON DISULFIDE	0.495	0.581	0.614	0.539	0.741	0.748	0.732	0.735	0.679		0.652	14.89
22)	T	METHYL TERT-BU...	0.901	1.039	1.004	0.966	0.945	0.936	0.908	0.917	0.886	0.868	0.937	5.69
23)	T	TRANS 1,2-DICH...	0.526	0.507	0.487	0.442	0.512	0.500	0.481	0.481	0.468	0.445	0.485	5.70
24)	P	1,1-DICHLOROET...	0.602	0.657	0.660	0.583	0.647	0.624	0.611	0.619	0.602	0.595	0.620	4.32
25)		VINYL ACETATE	0.848	0.857	0.908	0.900	0.946	0.920	0.905	0.919	0.857		0.896	3.80
26)		DI ISOPROPYL E...	1.546	1.615	1.579	1.429	1.546	1.485	1.453	1.429	1.350	1.261	1.469	7.40
27)	T	2-BUTANONE	0.289	0.278	0.274	0.289	0.300	0.289	0.274	0.283	0.271	0.263	0.281	3.92
28)		T-BUTYL ETHYL ...	1.307	1.355	1.399	1.345	1.425	1.450	1.446	1.515	1.508	1.515	1.427	5.22
29)	T	CIS-1,2-DICHLO...	0.754	0.798	0.801	0.679	0.794	0.790	0.771	0.788	0.756	0.728	0.766	5.04
30)		2,2-DICHLOROPR...	0.297	0.328	0.340	0.315	0.385	0.390	0.392	0.433	0.448	0.459	0.379	15.03
31)		ETHYL ACETATE			0.749	0.759	0.747	0.679	0.651	0.644	0.627	0.630	0.686	8.32
32)		BROMOCHLOROMET...	0.163	0.194	0.214	0.197	0.205	0.203	0.198	0.192	0.182	0.174	0.192	7.92
33)	T	TETRAHYDROFURAN	0.255	0.223	0.215	0.161	0.181	0.180	0.177	0.180	0.184	0.185	0.194	14.47
34)	C	CHLOROFORM	0.684	0.747	0.729	0.667	0.748	0.749	0.719	0.731	0.711	0.702	0.719	3.88#
35)	T	1,1,1-TRICHLOR...	0.416	0.445	0.467	0.410	0.512	0.534	0.534	0.577	0.594	0.594	0.508	13.83
36)		CYCLOHEXANE					0.856	0.776	0.717	0.723	0.704	0.678	0.742	8.68
37)	T	CARBON TETRACH...					0.400	0.416	0.425	0.464	0.483	0.482	0.445	8.11
38)		1,1-DICHLOROPR...	0.562	0.515	0.523	0.472	0.539	0.538	0.539	0.541	0.516	0.492	0.524	5.02
39)	T	BENZENE	1.626	1.637	1.706	1.553	1.781	1.743	1.715	1.708	1.654	1.573	1.669	4.42
40)		T-AMYLMETHYL E...	0.801	0.831	0.863	0.841	0.917	0.930	0.931	1.002	0.999	1.018	0.913	8.48
41)	I	1,4-DIFLOUROBENZEN...	ISTD											
42)	S	TOLUENE-D8 SS	1.159	1.163	1.161	1.174	1.161	1.155	1.153	1.151	1.157	1.151	1.158	0.59

Method Path : W:\1\METHODS\
Method File : B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973

43)	T	1,2-DICHLOROET...	0.394	0.452	0.424	0.426	0.453	0.444	0.425	0.428	0.404	0.386	0.423	5.47
44)	T	TRICHLOROETHENE	0.237	0.260	0.268	0.226	0.281	0.268	0.266	0.266	0.254	0.240	0.257	6.66
45)		METHYLCYCLOHEXANE	0.257	0.268	0.276	0.233	0.305	0.304	0.302	0.309	0.299	0.280	0.283	8.86
46)	C	1,2-DICHLOROPR...	0.262	0.273	0.315	0.266	0.302	0.305	0.293	0.294	0.286	0.269	0.286	6.33#
47)	T	DIBROMOMETHANE	0.155	0.148	0.163	0.165	0.161	0.170	0.169	0.170	0.163	0.157	0.162	4.41
48)		1,4-DIOXANE				0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	6.70
49)	T	BROMODICHLOROM...	0.221	0.234	0.247	0.230	0.273	0.293	0.315				0.259	13.77
50)		2-CHLOROETHYLV...	0.172	0.182	0.198	0.203	0.221	0.222	0.209	0.206	0.180	0.154	0.195	11.29
51)	T	MIBK	0.310	0.320	0.359	0.386	0.404	0.389	0.368	0.371	0.333	0.285	0.353	11.02
52)	T	CIS-1,3-DICHLO...	0.196	0.252	0.263	0.249	0.291	0.338	0.354	0.393	0.385	0.380	0.310	22.25
53)	C	TOLUENE	0.981	1.120	1.146	0.962	1.170	1.157	1.134	1.136	1.072	0.998	1.088	7.23#
54)	T	TRANS-1,3,-DIC...	0.160	0.174	0.183	0.158	0.219	0.249	0.279	0.332	0.338	0.340	0.243	30.89
55)		ETHYL METHACRY...			0.285	0.261	0.298	0.309	0.321	0.356	0.346	0.338	0.314	10.30
56)	T	1,1,2-TRICHLOR...	0.239	0.241	0.265	0.246	0.251	0.258	0.255	0.253	0.238	0.227	0.247	4.53
57)		2-HEXANONE	0.198	0.212	0.241	0.259	0.277	0.269	0.259	0.267	0.243	0.217	0.244	11.09
58)	T	TETRACHLOROETHENE	0.190	0.150	0.210	0.183	0.200	0.203	0.195	0.196	0.191	0.185	0.190	8.55
59)		1,3-DICHLOROPR...	0.387	0.477	0.457	0.432	0.441	0.446	0.433	0.439	0.416	0.391	0.432	6.43
60)	T	DIBROMOCHLOROM...			0.158	0.150	0.181	0.197	0.216				0.180	15.02
61)	T	1,2-DIBROMOETHANE	0.192	0.240	0.238	0.239	0.251	0.255	0.254	0.266	0.257	0.249	0.244	8.36
62)	I	CHLOROBENZENE-D5 ISTD	----------	----------	ISTD	----------	----------							
63)	S	4-BROMOFLUROBE...	0.895	0.882	0.897	0.912	0.921	0.922	0.930	0.931	0.935	0.951	0.918	2.31
64)	P	CHLOROBENZENE	1.339	1.422	1.498	1.273	1.441	1.473	1.458	1.449	1.372	1.314	1.404	5.35
65)	T	1,1,1,2-TETRAC...			0.354	0.337	0.403	0.429	0.451	0.480	0.473	0.468	0.425	12.95
66)	C	ETHYLBENZENE	2.058	2.192	2.306	2.018	2.434	2.472	2.456	2.467	2.305	2.158	2.287	7.54#
67)	T	M/P-XYLENES	1.509	1.594	1.816	1.558	1.898	1.944	1.924	1.888	1.732	1.575	1.744	9.80
68)	T	0-XYLENE	1.542	1.583	1.711	1.588	1.942	1.993	2.007	2.033	1.879	1.757	1.803	10.60
69)	T	STYRENE	1.086	1.158	1.329	1.239	1.521	1.622	1.586	1.600	1.478	1.378	1.400	13.74
70)	P	BROMOFORM	0.113	0.153	0.158	0.143	0.209	0.227	0.257	0.322	0.341	0.367	0.229	39.33
71)	T	ISOPROPYLBENZENE	1.312	1.518	1.617	1.372	1.761	1.824	1.851	1.911	1.823	1.729	1.672	12.48
72)		CIS-1,4-DICHLO...	0.210	0.211	0.221	0.212	0.238	0.250	0.263	0.298	0.296	0.300	0.250	15.00
73)	P	1,1,2,2-TETRAC...	0.643	0.660	0.681	0.685	0.690	0.683	0.661	0.669	0.627	0.612	0.661	3.98
74)		1,4-DICHLORO-2...	0.193	0.216	0.198	0.205	0.216	0.219	0.231	0.255	0.257	0.262	0.225	11.19
75)		BROMOBENZENE	0.927	0.985	1.025	0.917	1.032	1.002	1.015	1.014	0.953	0.907	0.978	4.85
76)	T	1,2,3-TRICHLOR...	0.208	0.239	0.202	0.198	0.214	0.196	0.197	0.192	0.184	0.177	0.201	8.44
77)	T	N-PROPYLBENZENE	2.054	2.121	2.451	2.089	2.575	2.567	2.577	2.606	2.458	2.318	2.382	9.24
78)	T	2-CHLOROT0LUENE	1.504	1.334	1.665	1.437	1.704	1.700	1.679	1.708	1.597	1.532	1.586	8.20
79)	T	1,3,5-TRIMETHY...	1.471	1.403	1.574	1.449	1.794	1.835	1.845	1.825	1.691	1.583	1.647	10.51
80)		4-CHLOROTOLUENE	1.478	1.678	1.840	1.685	1.932	2.001	1.965	1.938	1.782	1.652	1.795	9.45
81)	I	1,4-DICHLOROBENZEN...	----------	----------	ISTD	----------	----------							
82)	T	TERT-BUTYLBENZENE	1.264	1.105	1.305	1.095	1.353	1.415	1.476	1.494	1.484	1.460	1.345	11.22
83)	T	1,2,4-TRIMETHY...	1.483	1.458	1.724	1.608	1.956	2.017	2.042	2.023	1.975	1.903	1.819	12.67
84)		SEC-BUTYLBENZENE	1.531	1.601	1.740	1.513	1.929	2.006	2.045	2.083	2.058	1.991	1.850	12.42
85)	T	1,3-DICHLOROBE...	1.121	1.060	1.232	1.072	1.222	1.190	1.205	1.214	1.186	1.178	1.168	5.28
86)	T	P-ISOPROPYLTOL...	1.453	1.349	1.549	1.292	1.613	1.643	1.640	1.665	1.689	1.657	1.555	9.11
87)	T	1,4-DICHLOROBE...	1.340	1.269	1.310	1.120	1.238	1.236	1.234	1.229	1.207	1.196	1.238	4.92
88)	T	N-BUTYLBENZENE	1.151	1.134	1.407	1.167	1.530	1.593	1.609	1.603	1.574	1.490	1.426	13.99
89)	T	1,2-DICHLOROBE...	1.088	1.204	1.201	1.090	1.161	1.187	1.185	1.185	1.157	1.137	1.159	3.67
90)		1,2-DIBROMO-3-...			0.065	0.067	0.070	0.073	0.080	0.092			0.074	13.71
91)		1,3,5-TRICHLOR...	0.653	0.666	0.664	0.619	0.722	0.717	0.722	0.741	0.750	0.738	0.699	6.46
92)	T	1,2,4-TRICHLOR...	0.840	0.625	0.629	0.530	0.597	0.589	0.613	0.638	0.644	0.641	0.635	12.61
93)	T	HEXACHLOROBUTA...			0.310	0.220	0.260	0.272	0.267	0.275	0.272	0.275	0.269	9.11

Method Path : W:\1\METHODS\
Method File : B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973

94)	T	NAPHTHALENE	1.648	1.212	1.174	1.182	1.233	1.301	1.316	1.374	1.396	1.378	1.321	10.68
95)		1,2,3-TRICHLOR...		0.618	0.535	0.521	0.496	0.483	0.482	0.486	0.489	0.488	0.511	8.63

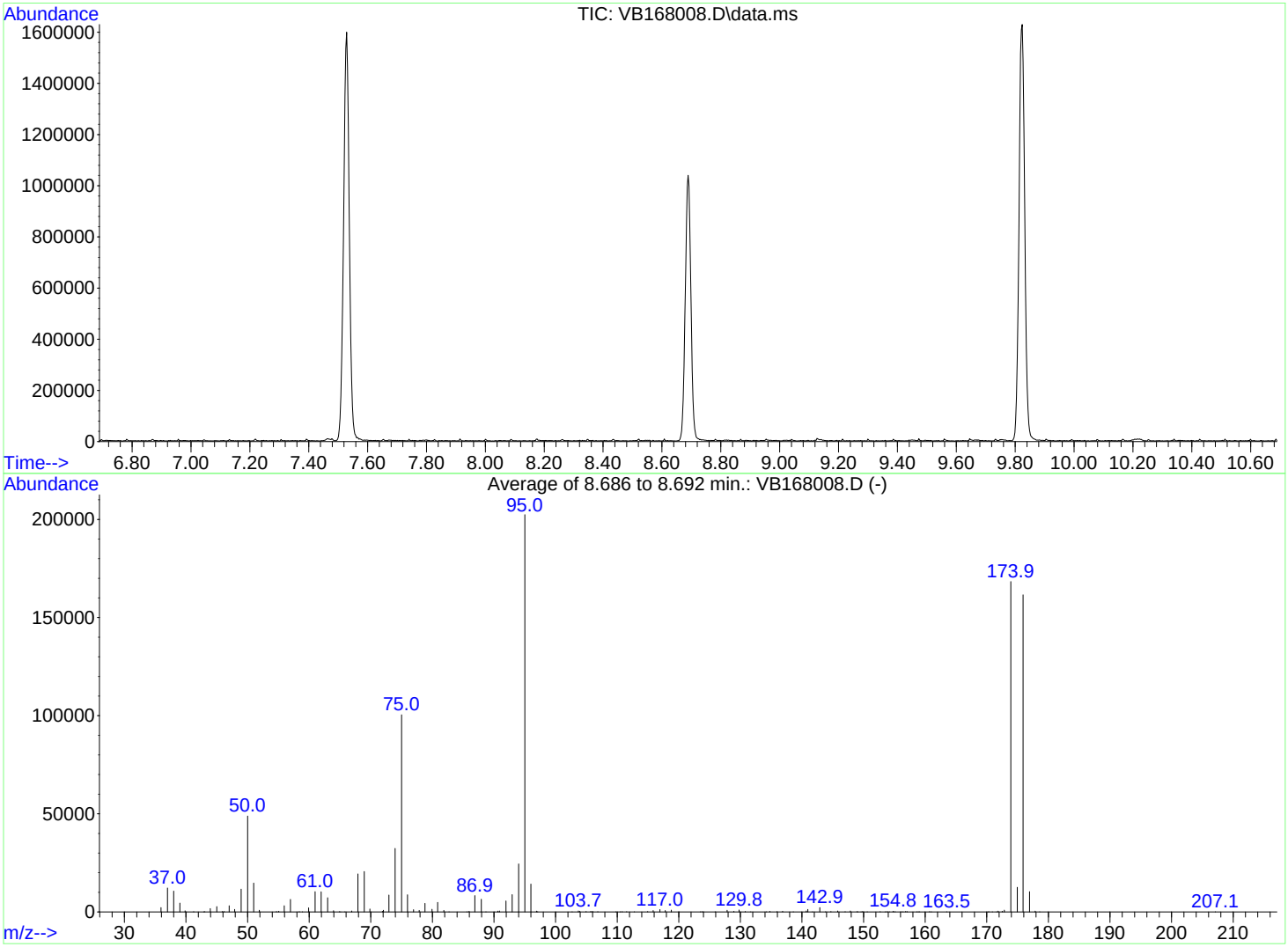
(#) = Out of Range

BFB

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168008.D
Acq On : 17 Jun 2011 9:29 am
Operator : LBD/MFF
Sample : BFB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\1\METHODS\B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Mon Jun 20 12:36:24 2011



Spectrum Information: Average of 8.686 to 8.692 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	48856	PASS
75	95	30	60	49.6	100464	PASS
95	95	100	100	100.0	202410	PASS
96	95	5	9	7.0	14216	PASS
173	174	0.00	2	0.6	962	PASS
174	95	50	100	83.2	168362	PASS
175	174	5	9	7.5	12556	PASS
176	174	95	101	96.0	161557	PASS
177	176	5	9	6.4	10349	PASS

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168009.D
Acq On : 17 Jun 2011 10:00 am
Operator : LBD/MFF
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 20 12:10:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	450023	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	729684	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	369957	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	334660	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	255831	25.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%				
42) TOLUENE-D8 SS	6.129	98	704595	24.99	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	276018	23.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	2661	0.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.048	51	5050	0.44	UG/L	#	89
5) CHLOROMETHANE	1.135	50	4376	0.35	UG/L		92
6) VINYL CHLORIDE	1.193	62	2398	0.36	UG/L	#	59
7) BROMOMETHANE	1.374	94	2955	0.96	UG/L		93
9) FLUORODICHLOROMETHANE	1.536	67	3445	0.39	UG/L	#	82
10) TRICHLOROFLUOROMETHANE	1.572	101	2792	0.43	UG/L		95
11) DI ETHYL ETHER	1.742	59	1924	0.40	UG/L	#	60
12) ACROLEIN	1.829	56	2609	3.89	UG/L	#	66
13) ACETONE	1.929	43	10223	5.11	UG/L	#	74
14) 1,1-DICHLOROETHENE	1.893	61	3076	0.40	UG/L		90
15) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	1645	0.48	UG/L		93
16) IODOMETHANE	1.999	142	28242	4.46	UG/L	#	83
17) METHYL ACETATE	2.158	43	6365	0.45	UG/L	#	69
18) T-BUTYL ALCOHOL	2.336	59	2206m	3.46	UG/L		
19) ACRYLONITRILE	2.428	53	1597m	0.54	UG/L		
20) METHYLENE CHLORIDE	2.230	49	11734	1.24	UG/L	#	70
21) CARBON DISULFIDE	2.044	76	29697	2.63	UG/L	#	82
22) METHYL TERT-BUTYL ETHE...	2.459	73	5407	0.35	UG/L	#	70
23) TRANS 1,2-DICHLOROETHENE	2.451	61	3155	0.44	UG/L	#	77
24) 1,1-DICHLOROETHANE	2.822	63	3612	0.35	UG/L	#	88
25) VINYL ACETATE	2.889	43	50870	4.34	UG/L	#	77
26) DI ISOPROPYL ETHER	2.900	45	9277	0.38	UG/L	#	57
27) 2-BUTANONE	3.452	43	17361	4.26	UG/L	#	84
28) T-BUTYL ETHYL ETHER	3.282	59	7842	0.30	UG/L	#	82
29) CIS-1,2-DICHLOROETHENE	3.413	61	4522	0.39	UG/L	#	67
30) 2,2-DICHLOROPROPANE	3.404	77	1783	0.23	UG/L	#	46
31) ETHYL ACETATE	3.522	43	7451	0.72	UG/L	#	75
32) BROMOCHLOROMETHANE	3.647	128	978m	0.30	UG/L		
33) TETRAHYDROFURAN	3.717	42	1530m	0.51	UG/L		
34) CHLOROFORM	3.745	83	4105	0.36	UG/L		92
35) 1,1,1-TRICHLOROETHANE	3.915	97	2497	0.27	UG/L	#	69
36) CYCLOHEXANE	3.962	56	14572	1.36	UG/L	#	54
37) CARBON TETRACHLORIDE	4.071	117	1906	0.28	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	3371m	0.41	UG/L		
39) BENZENE	4.288	78	9754	0.36	UG/L		99
40) T-AMYLMETHYL ETHER	4.425	73	4807	0.26	UG/L	#	71
43) 1,2-DICHLOROETHANE	4.308	62	3830	0.40	UG/L	#	79
44) TRICHLOROETHENE	4.930	95	2305	0.36	UG/L		96
45) METHYLCYCLOHEXANE	5.106	83	2498	0.35	UG/L	#	79
46) 1,2-DICHLOROPROPANE	5.156	63	2551	0.35	UG/L	#	63
47) DIBROMOMETHANE	5.264	93	1510	0.37	UG/L	#	78
49) BROMODICHLOROMETHANE	5.435	83	2148	0.27	UG/L	#	53

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168009.D
Acq On : 17 Jun 2011 10:00 am
Operator : LBD/MFF
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

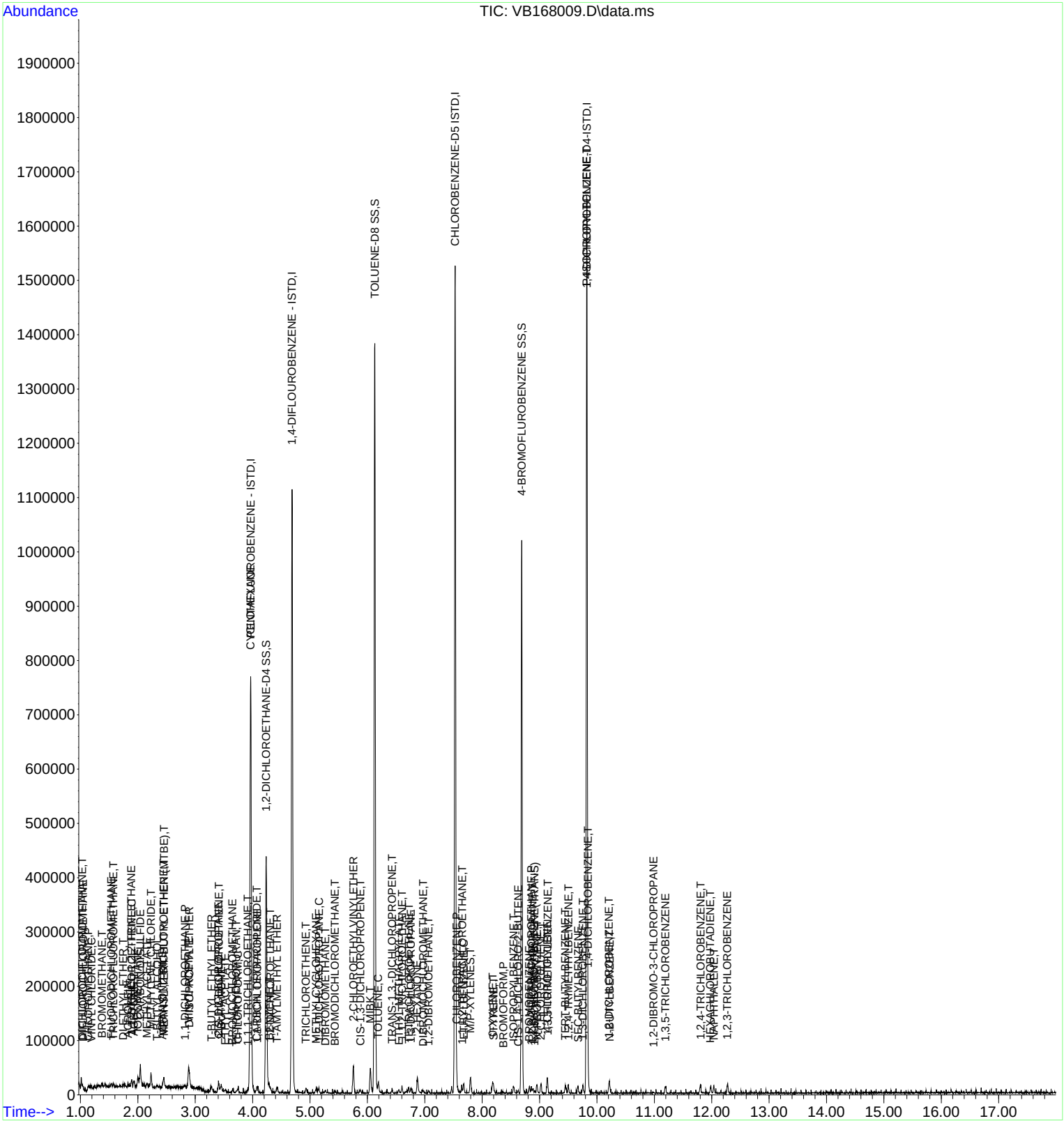
Quant Time: Jun 20 12:10:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2-CHLOROETHYLVINYLETHER	5.758	63	16748	3.41	UG/L	#	47
51) MIBK	6.051	43	30135	3.71	UG/L	#	68
52) CIS-1,3-DICHLOROPROPENE	5.878	75	1908	0.20	UG/L	#	12
53) TOLUENE	6.188	91	9549	0.35	UG/L		97
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	1556	0.19	UG/L	#	41
55) ETHYL METHACRYLATE	6.550	41	2482	0.34	UG/L	#	46
56) 1,1,2-TRICHLOROETHANE	6.603	97	2324	0.39	UG/L		89
57) 2-HEXANONE	6.868	43	19252	3.35	UG/L	#	68
58) TETRACHLOROETHENE	6.723	164	1848	0.40	UG/L	#	82
59) 1,3-DICHLOROPROPANE	6.756	76	3770	0.36	UG/L	#	52
60) DIBROMOCHLOROMETHANE	6.974	129	1363	0.24	UG/L	#	81
61) 1,2-DIBROMOETHANE	7.066	107	1868	0.30	UG/L	#	90
64) CHLOROBENZENE	7.557	112	6603	0.39	UG/L	#	52
65) 1,1,1,2-TETRACHLOROETHANE	7.654	131	1447	0.27	UG/L		93
66) ETHYLBENZENE	7.679	91	10151	0.35	UG/L	#	73
67) M/P-XYLENES	7.794	91	14891	0.68	UG/L		91
68) 0-XYLENE	8.181	91	7605	0.32	UG/L		96
69) STYRENE	8.198	104	5359	0.29	UG/L	#	82
70) BROMOFORM	8.371	173	559m	1.24	UG/L		
71) ISOPROPYLBENZENE	8.547	105	6473	0.30	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	1037	0.33	UG/L	#	26
73) 1,1,2,2-TETRACHLOROETHANE	8.853	83	3174	0.39	UG/L	#	84
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	950m	0.35	UG/L		
75) BROMOBENZENE	8.820	77	4575	0.37	UG/L	#	88
76) 1,2,3-TRICHLOROPROPANE	8.881	110	1026	0.45	UG/L		96
77) N-PROPYLBENZENE	8.957	91	10130	0.35	UG/L		100
78) 2-CHLOROT0LUENE	9.024	91	7417	0.38	UG/L		93
79) 1,3,5-TRIMETHYLBENZENE	9.141	105	7254	0.35	UG/L		86
80) 4-CHLOROTOLUENE	9.135	91	7292	0.32	UG/L		97
82) TERT-BUTYLBENZENE	9.447	119	5640	0.34	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.503	105	6618	0.29	UG/L		99
84) SEC-BUTYLBENZENE	9.673	105	6830	0.30	UG/L		97
85) 1,3-DICHLOROBENZENE	9.754	146	5003	0.39	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	6483	0.36	UG/L	#	77
87) 1,4-DICHLOROBENZENE	9.843	146	5978	0.45	UG/L	#	75
88) N-BUTYLBENZENE	10.225	91	5136	0.29	UG/L		93
89) 1,2-DICHLOROBENZENE	10.209	146	4854	0.38	UG/L		94
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	313m	0.26	UG/L		
91) 1,3,5-TRICHLOROBENZENE	11.190	180	2912	0.40	UG/L		89
92) 1,2,4-TRICHLOROBENZENE	11.809	180	3750	0.56	UG/L		88
93) HEXACHLOROBUTADIENE	11.977	225	1750m	0.72	UG/L		
94) NAPHTHALENE	12.038	128	7352	0.42	UG/L	#	90
95) 1,2,3-TRICHLOROBENZENE	12.272	180	4136	0.78	UG/L	#	91

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

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168009.D
Acq On : 17 Jun 2011 10:00 am
Operator : LBD/MFF
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 20 12:10:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168010.D
Acq On : 17 Jun 2011 10:32 am
Operator : LBD/MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 20 12:12:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	448615	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	723105	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	371730	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	342869	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	254360	25.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%				
42) TOLUENE-D8 SS	6.126	98	700622	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	273190	22.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.60%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	3793	0.65	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.043	51	6676	0.58	UG/L		94
5) CHLOROMETHANE	1.140	50	5322	0.43	UG/L		93
6) VINYL CHLORIDE	1.190	62	3620	0.54	UG/L	#	82
7) BROMOMETHANE	1.372	94	4243	1.38	UG/L	#	69
9) FLUORODICHLOROMETHANE	1.533	67	4863	0.56	UG/L	#	65
10) TRICHLOROFLUOROMETHANE	1.575	101	3914	0.60	UG/L		95
11) DI ETHYL ETHER	1.748	59	2866	0.60	UG/L	#	69
12) ACROLEIN	1.829	56	3704	5.54	UG/L	#	97
13) ACETONE	1.929	43	12751	6.39	UG/L	#	78
14) 1,1-DICHLOROETHENE	1.890	61	4284	0.56	UG/L		92
15) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	2185	0.63	UG/L		96
16) IODOMETHANE	1.999	142	35765m	5.67	UG/L		
17) METHYL ACETATE	2.158	43	7584	0.54	UG/L	#	73
18) T-BUTYL ALCOHOL	2.331	59	2505	3.94	UG/L	#	62
19) ACRYLONITRILE	2.431	53	1821	0.62	UG/L	#	89
20) METHYLENE CHLORIDE	2.231	49	13027	1.38	UG/L	#	71
21) CARBON DISULFIDE	2.047	76	43436	3.86	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	7768	0.50	UG/L		94
23) TRANS 1,2-DICHLOROETHENE	2.448	61	3788	0.53	UG/L	#	66
24) 1,1-DICHLOROETHANE	2.825	63	4916	0.48	UG/L	#	90
25) VINYL ACETATE	2.883	43	64062	5.49	UG/L	#	78
26) DI ISOPROPYL ETHER	2.894	45	12076	0.49	UG/L	#	69
27) 2-BUTANONE	3.446	43	20773	5.12	UG/L	#	86
28) T-BUTYL ETHYL ETHER	3.282	59	10134	0.40	UG/L		92
29) CIS-1,2-DICHLOROETHENE	3.405	61	5970	0.51	UG/L		99
30) 2,2-DICHLOROPROPANE	3.399	77	2452	0.32	UG/L	#	90
31) ETHYL ACETATE	3.525	43	7661	0.75	UG/L	#	83
32) BROMOCHLOROMETHANE	3.647	128	1454m	0.45	UG/L		
33) TETRAHYDROFURAN	3.714	42	1664m	0.56	UG/L		
34) CHLOROFORM	3.742	83	5585	0.49	UG/L		89
35) 1,1,1-TRICHLOROETHANE	3.918	97	3330m	0.36	UG/L		
36) CYCLOHEXANE	3.965	56	15753	1.47	UG/L	#	69
37) CARBON TETRACHLORIDE	4.066	117	2616	0.38	UG/L		87
38) 1,1-DICHLOROPROPENE	4.082	75	3851	0.47	UG/L	#	81
39) BENZENE	4.283	78	12242	0.45	UG/L		98
40) T-AMYLMETHYL ETHER	4.420	73	6214	0.33	UG/L	#	94
43) 1,2-DICHLOROETHANE	4.314	62	5443	0.57	UG/L	#	47
44) TRICHLOROETHENE	4.927	95	3138	0.49	UG/L	#	63
45) METHYLCYCLOHEXANE	5.108	83	3234	0.46	UG/L	#	73
46) 1,2-DICHLOROPROPANE	5.153	63	3286	0.46	UG/L	#	84
47) DIBROMOMETHANE	5.262	93	1784m	0.44	UG/L		
49) BROMODICHLOROMETHANE	5.432	83	2821	0.35	UG/L	#	81

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168010.D
Acq On : 17 Jun 2011 10:32 am
Operator : LBD/MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 20 12:12:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

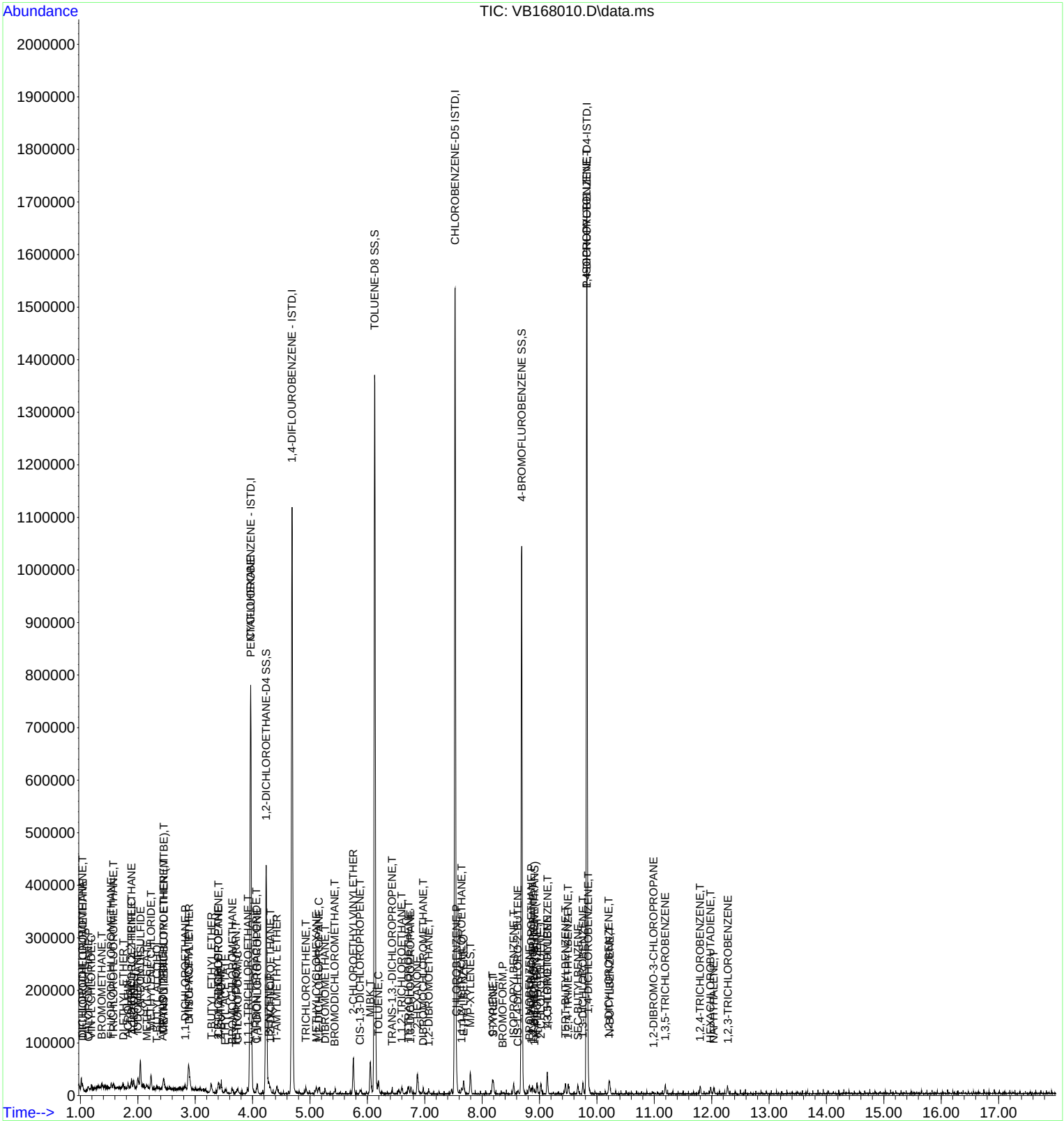
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) 2-CHLOROETHYLVINYLETHER	5.753	63	21959	4.51 UG/L #	49
51) MIBK	6.051	43	38529	4.78 UG/L #	70
52) CIS-1,3-DICHLOROPROPENE	5.870	75	3040	0.32 UG/L #	41
53) TOLUENE	6.193	91	13495	0.49 UG/L	95
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	2101	0.26 UG/L #	35
56) 1,1,2-TRICHLOROETHANE	6.598	97	2906	0.49 UG/L	95
57) 2-HEXANONE	6.868	43	25496	4.48 UG/L #	69
58) TETRACHLOROETHENE	6.718	164	1813	0.39 UG/L #	65
59) 1,3-DICHLOROPROPANE	6.751	76	5751	0.55 UG/L #	75
60) DIBROMOCHLOROMETHANE	6.971	129	1517	0.27 UG/L	99
61) 1,2-DIBROMOETHANE	7.072	107	2896m	0.47 UG/L	
64) CHLOROBENZENE	7.554	112	8808	0.52 UG/L #	52
65) 1,1,1,2-TETRACHLOROETHANE	7.641	131	1714	0.31 UG/L #	67
66) ETHYLBENZENE	7.677	91	13583	0.47 UG/L	93
67) M/P-XYLENES	7.794	91	19747	0.90 UG/L	87
68) 0-XYLENE	8.179	91	9806	0.41 UG/L	97
69) STYRENE	8.195	104	7176	0.38 UG/L #	75
70) BROMOFORM	8.357	173	947m	1.32 UG/L	
71) ISOPROPYLBENZENE	8.550	105	9404	0.43 UG/L	100
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	1308	0.42 UG/L #	23
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	4088	0.50 UG/L #	91
74) 1,4-DICHLORO-2-BUTENE(...	8.909	53	1340	0.49 UG/L #	30
75) BROMOBENZENE	8.826	77	6102	0.49 UG/L	85
76) 1,2,3-TRICHLOROPROPANE	8.887	110	1478m	0.64 UG/L	
77) N-PROPYLBENZENE	8.957	91	13140	0.45 UG/L	97
78) 2-CHLOROT0LUENE	9.021	91	8266	0.42 UG/L	88
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	8693	0.41 UG/L	100
80) 4-CHLOROTOLUENE	9.135	91	10394	0.46 UG/L	100
82) TERT-BUTYLBENZENE	9.450	119	6316	0.37 UG/L	92
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	8329	0.35 UG/L	97
84) SEC-BUTYLBENZENE	9.668	105	9150	0.39 UG/L	93
85) 1,3-DICHLOROBENZENE	9.754	146	6060	0.46 UG/L #	90
86) P-ISOPROPYLTOLUENE	9.821	119	7709	0.41 UG/L #	79
87) 1,4-DICHLOROBENZENE	9.849	146	7250	0.53 UG/L #	73
88) N-BUTYLBENZENE	10.223	91	6481	0.36 UG/L	95
89) 1,2-DICHLOROBENZENE	10.203	146	6882	0.53 UG/L	99
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	202m	0.16 UG/L	
91) 1,3,5-TRICHLOROBENZENE	11.188	180	3803	0.50 UG/L	98
92) 1,2,4-TRICHLOROBENZENE	11.796	180	3573	0.52 UG/L	92
93) HEXACHLOROBUTADIENE	11.980	225	2351m	0.94 UG/L	
94) NAPHTHALENE	12.035	128	6925	0.39 UG/L #	87
95) 1,2,3-TRICHLOROBENZENE	12.284	180	3531	0.65 UG/L	89

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168010.D
Acq On : 17 Jun 2011 10:32 am
Operator : LBD/MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 20 12:12:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168011.D
Acq On : 17 Jun 2011 11:04 am
Operator : LBD/MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 20 12:14:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	454006	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	724230	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	367522	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	342262	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	255806	25.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.00%				
42) TOLUENE-D8 SS	6.126	98	700480	25.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	274836	23.30	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.20%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	7831	1.33	UG/L		94
4) DIFLUOROCHLOROMETHANE	1.043	51	12749	1.09	UG/L		95
5) CHLOROMETHANE	1.140	50	9055	0.72	UG/L		97
6) VINYL CHLORIDE	1.190	62	6904	1.02	UG/L	#	85
7) BROMOMETHANE	1.374	94	5115	1.64	UG/L		99
8) CHLOROETHANE	1.425	64	3887	Below Cal		#	79
9) FLUORODICHLOROMETHANE	1.536	67	9476	1.08	UG/L		94
10) TRICHLOROFLUOROMETHANE	1.575	101	7890	1.20	UG/L		97
11) DI ETHYL ETHER	1.745	59	4820	0.99	UG/L	#	80
12) ACROLEIN	1.832	56	6352	9.39	UG/L	#	98
13) ACETONE	1.927	43	23805	11.79	UG/L	#	73
14) 1,1-DICHLOROETHENE	1.896	61	8148	1.05	UG/L		88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	4350	1.25	UG/L		88
16) IODOMETHANE	1.999	142	49105	7.69	UG/L	#	75
17) METHYL ACETATE	2.158	43	13257m	0.93	UG/L		
18) T-BUTYL ALCOHOL	2.325	59	5280	8.21	UG/L	#	43
19) ACRYLONITRILE	2.429	53	3614	1.21	UG/L		91
20) METHYLENE CHLORIDE	2.228	49	17016	1.79	UG/L	#	71
21) CARBON DISULFIDE	2.044	76	92939	8.17	UG/L	#	77
22) METHYL TERT-BUTYL ETHE...	2.451	73	15192	0.97	UG/L	#	86
23) TRANS 1,2-DICHLOROETHENE	2.451	61	7366	1.01	UG/L		88
24) 1,1-DICHLOROETHANE	2.822	63	9987	0.96	UG/L	#	81
25) VINYL ACETATE	2.886	43	137391	11.63	UG/L	#	78
26) DI ISOPROPYL ETHER	2.900	45	23893	0.96	UG/L	#	70
27) 2-BUTANONE	3.449	43	41521	10.11	UG/L	#	84
28) T-BUTYL ETHYL ETHER	3.276	59	21174	0.82	UG/L		92
29) CIS-1,2-DICHLOROETHENE	3.405	61	12122	1.02	UG/L		89
30) 2,2-DICHLOROPROPANE	3.407	77	5150	0.67	UG/L	#	77
31) ETHYL ACETATE	3.516	43	11342	1.09	UG/L	#	91
32) BROMOCHLOROMETHANE	3.656	128	3243	1.00	UG/L	#	76
33) TETRAHYDROFURAN	3.711	42	3261	1.08	UG/L	#	48
34) CHLOROFORM	3.742	83	11029	0.96	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.909	97	7074	0.77	UG/L	#	62
36) CYCLOHEXANE	3.965	56	21059	1.94	UG/L	#	63
37) CARBON TETRACHLORIDE	4.071	117	5372	0.77	UG/L		96
38) 1,1-DICHLOROPROPENE	4.079	75	7914	0.96	UG/L		95
39) BENZENE	4.283	78	25816	0.94	UG/L		97
40) T-AMYLMETHYL ETHER	4.420	73	13064m	0.69	UG/L		
43) 1,2-DICHLOROETHANE	4.314	62	10229	1.07	UG/L	#	90
44) TRICHLOROETHENE	4.933	95	6460	1.01	UG/L		95
45) METHYLCYCLOHEXANE	5.108	83	6664	0.95	UG/L	#	77
46) 1,2-DICHLOROPROPANE	5.148	63	7596	1.06	UG/L	#	74
47) DIBROMOMETHANE	5.262	93	3946	0.97	UG/L		95

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168011.D
Acq On : 17 Jun 2011 11:04 am
Operator : LBD/MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 20 12:14:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

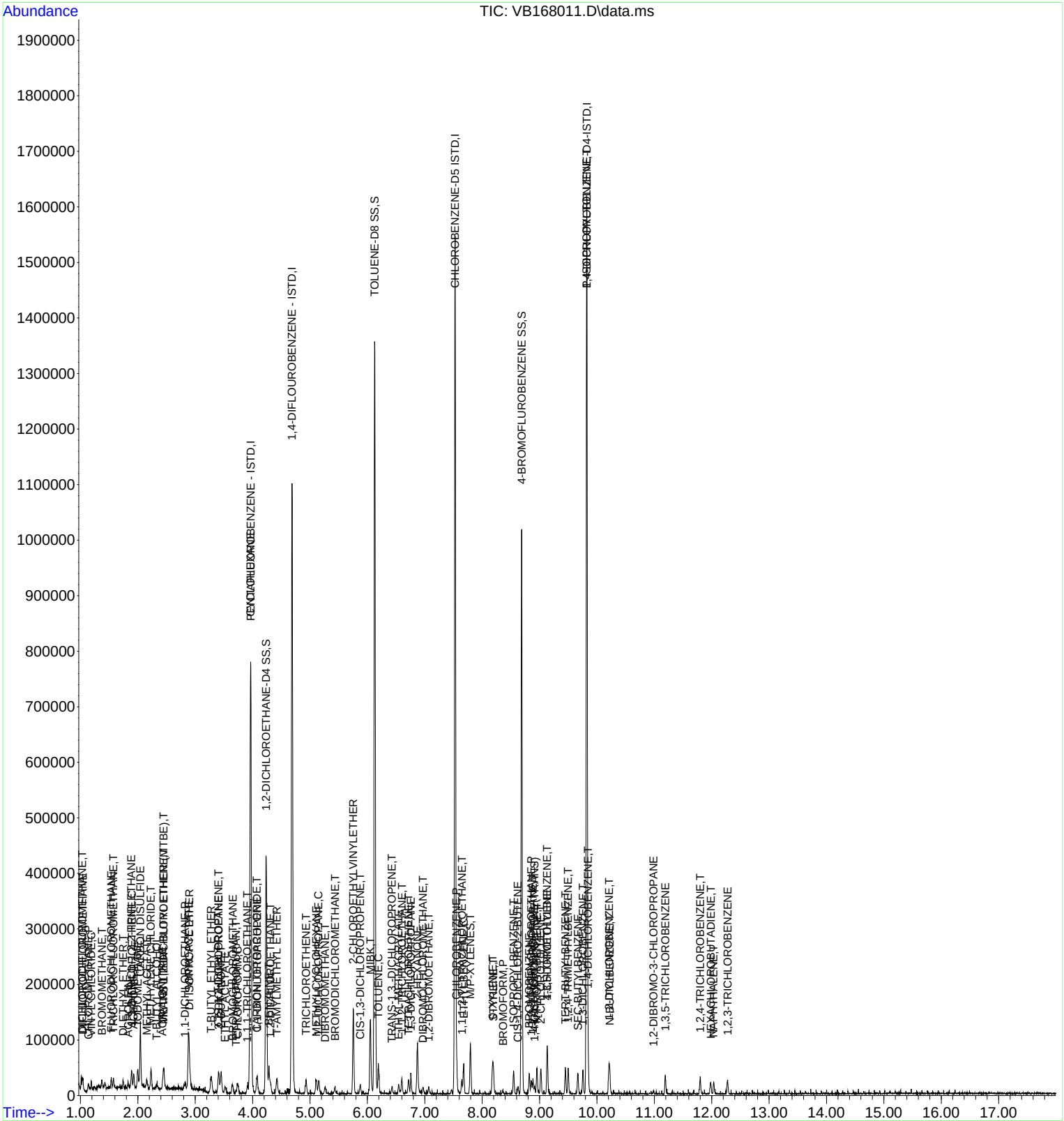
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
49) BROMODICHLOROMETHANE	5.438	83	5954	0.75 UG/L #	94
50) 2-CHLOROETHYLVINYLETHER	5.753	63	47897	9.83 UG/L #	46
51) MIBK	6.054	43	86691	10.75 UG/L #	71
52) CIS-1,3-DICHLOROPROPENE	5.875	75	6344	0.67 UG/L #	69
53) TOLUENE	6.190	91	27668	1.01 UG/L	99
54) TRANS-1,3,-DICHLOROPRO...	6.425	75	4411	0.54 UG/L #	64
55) ETHYL METHACRYLATE	6.545	41	6878	0.95 UG/L #	52
56) 1,1,2-TRICHLOROETHANE	6.603	97	6398	1.07 UG/L #	75
57) 2-HEXANONE	6.871	43	58121	10.19 UG/L #	70
58) TETRACHLOROETHENE	6.718	164	5078	1.10 UG/L	98
59) 1,3-DICHLOROPROPANE	6.759	76	11039	1.06 UG/L #	68
60) DIBROMOCHLOROMETHANE	6.968	129	3805	0.66 UG/L	93
61) 1,2-DIBROMOETHANE	7.069	107	5752	0.94 UG/L #	98
64) CHLOROBENZENE	7.554	112	18348	1.10 UG/L	91
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	4337	0.80 UG/L #	80
66) ETHYLBENZENE	7.680	91	28246	0.98 UG/L	96
67) M/P-XYLENES	7.797	91	44493	2.05 UG/L	85
68) 0-XYLENE	8.182	91	20955	0.88 UG/L	98
69) STYRENE	8.195	104	16285	0.87 UG/L #	87
70) BROMOFORM	8.366	173	1939m	1.53 UG/L	
71) ISOPROPYLBENZENE	8.550	105	19810	0.92 UG/L	99
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	2708	0.88 UG/L #	33
73) 1,1,2,2-TETRACHLOROETHANE	8.854	83	8341	1.03 UG/L #	93
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	2425	0.89 UG/L #	30
75) BROMOBENZENE	8.820	77	12553	1.01 UG/L	93
76) 1,2,3-TRICHLOROPROPANE	8.884	110	2475	1.09 UG/L	99
77) N-PROPYLBENZENE	8.954	91	30032	1.04 UG/L	98
78) 2-CHLOROT0LUENE	9.024	91	20401	1.05 UG/L	96
79) 1,3,5-TRIMETHYLBENZENE	9.132	105	19282	0.92 UG/L	98
80) 4-CHLOROTOLUENE	9.132	91	22539	1.00 UG/L	100
82) TERT-BUTYLBENZENE	9.450	119	14883	0.88 UG/L	96
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	19674	0.84 UG/L	97
84) SEC-BUTYLBENZENE	9.671	105	19853	0.84 UG/L	98
85) 1,3-DICHLOROBENZENE	9.754	146	14052	1.07 UG/L	97
86) P-ISOPROPYLTOLUENE	9.821	119	17670	0.95 UG/L #	87
87) 1,4-DICHLOROBENZENE	9.846	146	14947	1.10 UG/L	92
88) N-BUTYLBENZENE	10.226	91	16055	0.88 UG/L	99
89) 1,2-DICHLOROBENZENE	10.212	146	13697	1.05 UG/L	98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	737m	0.60 UG/L	
91) 1,3,5-TRICHLOROBENZENE	11.193	180	7570	1.00 UG/L	97
92) 1,2,4-TRICHLOROBENZENE	11.801	180	7176	1.05 UG/L	97
93) HEXACHLOROBUTADIENE	11.985	225	3533m	1.42 UG/L	
94) NAPHTHALENE	12.033	128	13392	0.75 UG/L	96
95) 1,2,3-TRICHLOROBENZENE	12.278	180	6099	1.13 UG/L #	95

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168011.D
Acq On : 17 Jun 2011 11:04 am
Operator : LBD/MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 20 12:14:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168012.D
Acq On : 17 Jun 2011 11:36 am
Operator : LBD/MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 12:15:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	446022	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	722369	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	365884	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	345117	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.238	65	253402	25.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.88%				
42) TOLUENE-D8 SS	6.126	98	706555	25.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.24%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	278024	23.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.72%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	12720	2.20	UG/L		94
4) DIFLUOROCHLOROMETHANE	1.045	51	22363	1.95	UG/L		99
5) CHLOROMETHANE	1.140	50	15470	1.25	UG/L		97
6) VINYL CHLORIDE	1.187	62	11522	1.73	UG/L		90
7) BROMOMETHANE	1.372	94	7710	2.52	UG/L		99
8) CHLOROETHANE	1.427	64	7201	0.78	UG/L		90
9) FLUORODICHLOROMETHANE	1.533	67	16947	1.96	UG/L		92
10) TRICHLOROFLUOROMETHANE	1.572	101	12806	1.99	UG/L		97
11) DI ETHYL ETHER	1.745	59	8648	1.81	UG/L	#	69
12) ACROLEIN	1.829	56	11138	16.76	UG/L	#	97
13) ACETONE	1.929	43	46750	23.57	UG/L	#	70
14) 1,1-DICHLOROETHENE	1.893	61	13827	1.82	UG/L	#	86
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	6778	1.98	UG/L		90
16) IODOMETHANE	1.996	142	73056	11.65	UG/L		91
17) METHYL ACETATE	2.161	43	27832	1.99	UG/L	#	82
18) T-BUTYL ALCOHOL	2.336	59	10504	16.63	UG/L	#	76
19) ACRYLONITRILE	2.428	53	5896	2.01	UG/L	#	87
20) METHYLENE CHLORIDE	2.230	49	26951	2.88	UG/L	#	68
21) CARBON DISULFIDE	2.044	76	160123	14.33	UG/L	#	76
22) METHYL TERT-BUTYL ETHE...	2.451	73	28729	1.86	UG/L		94
23) TRANS 1,2-DICHLOROETHENE	2.445	61	13132	1.84	UG/L	#	83
24) 1,1-DICHLOROETHANE	2.827	63	17345	1.71	UG/L		97
25) VINYL ACETATE	2.886	43	267626	23.06	UG/L	#	77
26) DI ISOPROPYL ETHER	2.905	45	42478	1.74	UG/L	#	77
27) 2-BUTANONE	3.455	43	85884	21.28	UG/L	#	88
28) T-BUTYL ETHYL ETHER	3.285	59	39990	1.57	UG/L	#	81
29) CIS-1,2-DICHLOROETHENE	3.410	61	20177	1.73	UG/L		97
30) 2,2-DICHLOROPROPANE	3.404	77	9377	1.24	UG/L	#	88
31) ETHYL ACETATE	3.516	43	22579	2.22	UG/L	#	80
32) BROMOCHLOROMETHANE	3.647	128	5872	1.84	UG/L	#	80
33) TETRAHYDROFURAN	3.714	42	4788	1.62	UG/L	#	77
34) CHLOROFORM	3.742	83	19841	1.76	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.909	97	12200	1.34	UG/L	#	92
36) CYCLOHEXANE	3.968	56	27466	2.58	UG/L		90
37) CARBON TETRACHLORIDE	4.079	117	8759	1.28	UG/L		93
38) 1,1-DICHLOROPROPENE	4.082	75	14041	1.74	UG/L		94
39) BENZENE	4.286	78	46165	1.71	UG/L		98
40) T-AMYLMETHYL ETHER	4.425	73	25001	1.34	UG/L	#	56
43) 1,2-DICHLOROETHANE	4.314	62	20534	2.15	UG/L		96
44) TRICHLOROETHENE	4.935	95	10868	1.70	UG/L		92
45) METHYLCYCLOHEXANE	5.108	83	11224	1.61	UG/L	#	87
46) 1,2-DICHLOROPROPANE	5.150	63	12825	1.79	UG/L	#	85
47) DIBROMOMETHANE	5.262	93	7970	1.96	UG/L		88

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168012.D
Acq On : 17 Jun 2011 11:36 am
Operator : LBD/MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 12:15:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

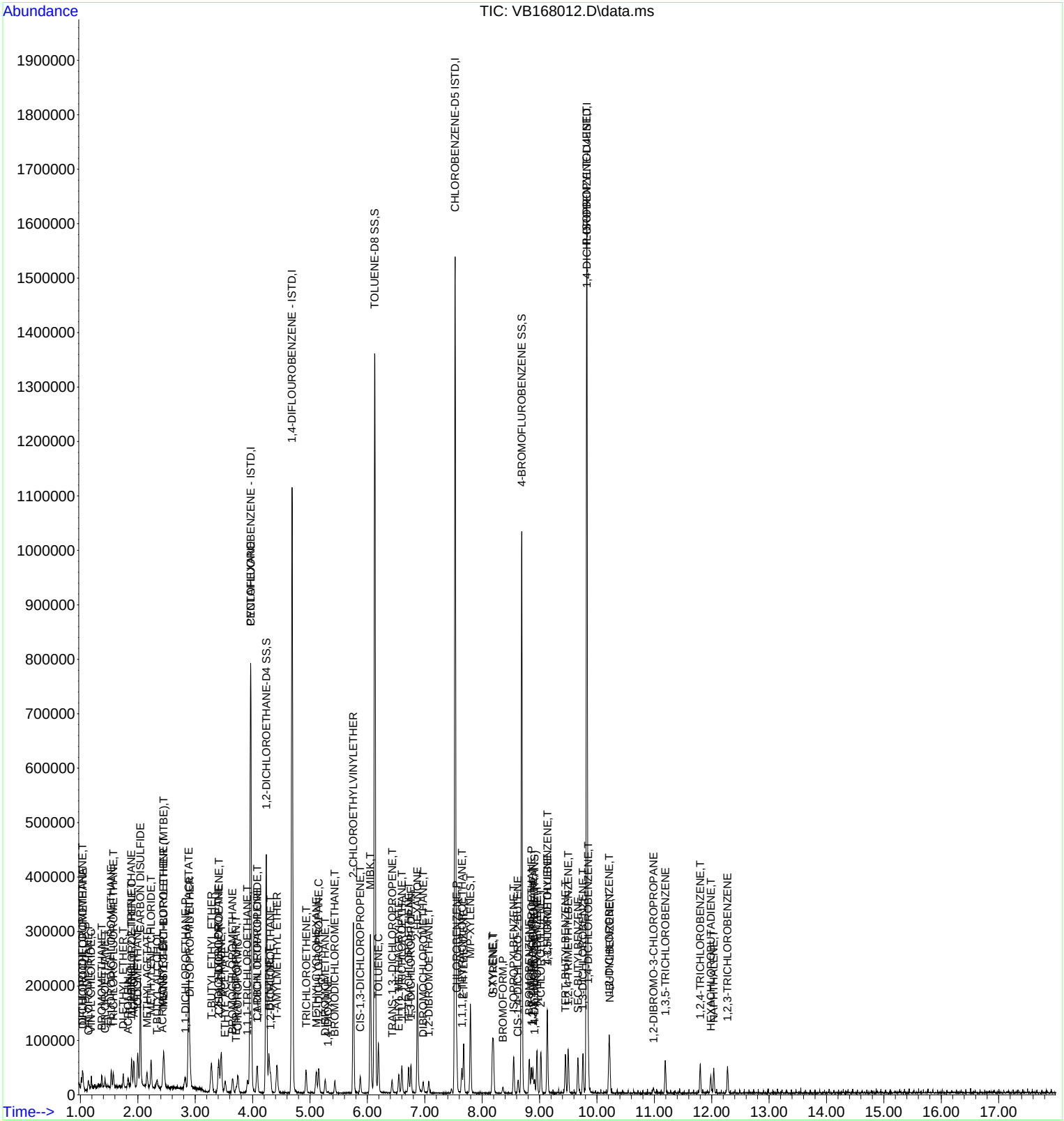
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.312	88	987m	15.66	UG/L		
49) BROMODICHLOROMETHANE	5.429	83	11063	1.39	UG/L	#	95
50) 2-CHLOROETHYLVINYLETHER	5.755	63	97825	20.12	UG/L	#	49
51) MIBK	6.051	43	185740	23.09	UG/L	#	69
52) CIS-1,3-DICHLOROPROPENE	5.875	75	11977	1.26	UG/L	#	63
53) TOLUENE	6.190	91	46341	1.70	UG/L		94
54) TRANS-1,3,-DICHLOROPRO...	6.433	75	7592	0.93	UG/L	#	51
55) ETHYL METHACRYLATE	6.547	41	12587	1.75	UG/L	#	59
56) 1,1,2-TRICHLOROETHANE	6.600	97	11830	1.99	UG/L		99
57) 2-HEXANONE	6.873	43	124571	21.89	UG/L	#	70
58) TETRACHLOROETHENE	6.720	164	8808	1.91	UG/L		95
59) 1,3-DICHLOROPROPANE	6.759	76	20784	2.00	UG/L	#	69
60) DIBROMOCHLOROMETHANE	6.974	129	7241	1.27	UG/L		97
61) 1,2-DIBROMOETHANE	7.069	107	11531	1.88	UG/L	#	95
64) CHLOROBENZENE	7.557	112	31054	1.87	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.649	131	8224	1.53	UG/L		98
66) ETHYLBENZENE	7.677	91	49228	1.72	UG/L		99
67) M/P-XYLENES	7.794	91	76007	3.51	UG/L		89
68) 0-XYLENE	8.179	91	38746	1.63	UG/L		96
69) STYRENE	8.195	104	30217	1.63	UG/L	#	81
70) BROMOFORM	8.360	173	3488	1.86	UG/L	#	92
71) ISOPROPYLBENZENE	8.549	105	33475	1.57	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	5169	1.69	UG/L	#	44
73) 1,1,2,2-TETRACHLOROETHANE	8.859	83	16705	2.06	UG/L	#	96
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	5008	1.85	UG/L	#	63
75) BROMOBENZENE	8.820	77	22374	1.81	UG/L		90
76) 1,2,3-TRICHLOROPROPANE	8.890	110	4832	2.14	UG/L		71
77) N-PROPYLBENZENE	8.957	91	50963	1.77	UG/L		97
78) 2-CHLOROT0LUENE	9.024	91	35057	1.82	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	35335	1.70	UG/L		94
80) 4-CHLOROTOLUENE	9.135	91	41097	1.83	UG/L		95
82) TERT-BUTYLBENZENE	9.453	119	25195	1.48	UG/L		97
83) 1,2,4-TRIMETHYLBENZENE	9.500	105	37000	1.56	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	34819	1.47	UG/L		100
85) 1,3-DICHLOROBENZENE	9.754	146	24675	1.86	UG/L		97
86) P-ISOPROPYLTOLUENE	9.818	119	29727	1.59	UG/L	#	93
87) 1,4-DICHLOROBENZENE	9.849	146	25763	1.88	UG/L	#	75
88) N-BUTYLBENZENE	10.223	91	26844	1.47	UG/L		99
89) 1,2-DICHLOROBENZENE	10.211	146	25078	1.92	UG/L		96
90) 1,2-DIBROMO-3-CHLOROPR...	10.987	75	1533	1.24	UG/L	#	57
91) 1,3,5-TRICHLOROBENZENE	11.190	180	14233	1.87	UG/L		94
92) 1,2,4-TRICHLOROBENZENE	11.801	180	12183	1.77	UG/L		97
93) HEXACHLOROBUTADIENE	11.985	225	5068	2.02	UG/L	#	91
94) NAPHTHALENE	12.035	128	27206	1.51	UG/L		97
95) 1,2,3-TRICHLOROBENZENE	12.275	180	11976	2.20	UG/L		97

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168012.D
Acq On : 17 Jun 2011 11:36 am
Operator : LBD/MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 12:15:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168013.D
Acq On : 17 Jun 2011 12:08 pm
Operator : LBD/MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 12:43:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	448204	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	723319	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	370813	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	347863	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	252741	25.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.08%				
42) TOLUENE-D8 SS	6.126	98	699945	25.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	284629	23.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	37775	6.50	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.045	51	64905	5.62	UG/L		100
5) CHLOROMETHANE	1.135	50	41356	3.32	UG/L		100
6) VINYL CHLORIDE	1.188	62	35226	5.25	UG/L		99
7) BROMOMETHANE	1.369	94	17847	5.80	UG/L		97
8) CHLOROETHANE	1.425	64	18582	4.17	UG/L		98
9) FLUORODICHLOROMETHANE	1.536	67	47662	5.48	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	39697	6.14	UG/L		97
11) DI ETHYL ETHER	1.745	59	23390	4.88	UG/L	#	82
12) ACROLEIN	1.826	56	25160	37.67	UG/L	#	94
13) ACETONE	1.927	43	111918	56.15	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.890	61	42088	5.50	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	20810	6.05	UG/L		97
16) IODOMETHANE	1.996	142	248782	39.46	UG/L	#	85
17) METHYL ACETATE	2.158	43	67985	4.84	UG/L	#	80
18) T-BUTYL ALCOHOL	2.334	59	25042	39.45	UG/L	#	60
19) ACRYLONITRILE	2.429	53	16027	5.43	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	53888	5.73	UG/L	#	69
21) CARBON DISULFIDE	2.044	76	553818	49.32	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	70600	4.55	UG/L		91
23) TRANS 1,2-DICHLOROETHENE	2.443	61	38254	5.33	UG/L		87
24) 1,1-DICHLOROETHANE	2.822	63	48356	4.73	UG/L		98
25) VINYL ACETATE	2.886	43	706578	60.59	UG/L	#	77
26) DI ISOPROPYL ETHER	2.900	45	115515	4.71	UG/L	#	73
27) 2-BUTANONE	3.449	43	223791	55.17	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.282	59	106485	4.16	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.413	61	59321	5.07	UG/L		92
30) 2,2-DICHLOROPROPANE	3.407	77	28781	3.78	UG/L		97
31) ETHYL ACETATE	3.522	43	55813	5.45	UG/L	#	92
32) BROMOCHLOROMETHANE	3.653	128	15280	4.78	UG/L	#	74
33) TETRAHYDROFURAN	3.709	42	13551	4.55	UG/L	#	82
34) CHLOROFORM	3.739	83	55893	4.93	UG/L		95
35) 1,1,1-TRICHLOROETHANE	3.909	97	38256	4.19	UG/L	#	92
36) CYCLOHEXANE	3.960	56	63976	5.98	UG/L	#	94
37) CARBON TETRACHLORIDE	4.074	117	29850	4.34	UG/L		100
38) 1,1-DICHLOROPROPENE	4.074	75	40281	4.97	UG/L		99
39) BENZENE	4.286	78	133072	4.90	UG/L		98
40) T-AMYLMETHYL ETHER	4.425	73	68474	3.66	UG/L	#	72
43) 1,2-DICHLOROETHANE	4.314	62	54663	5.71	UG/L		96
44) TRICHLOROETHENE	4.930	95	33825	5.29	UG/L		93
45) METHYLCYCLOHEXANE	5.109	83	36790	5.26	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.153	63	36357	5.07	UG/L	#	82
47) DIBROMOMETHANE	5.262	93	19430	4.78	UG/L		99

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168013.D
Acq On : 17 Jun 2011 12:08 pm
Operator : LBD/MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 12:43:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

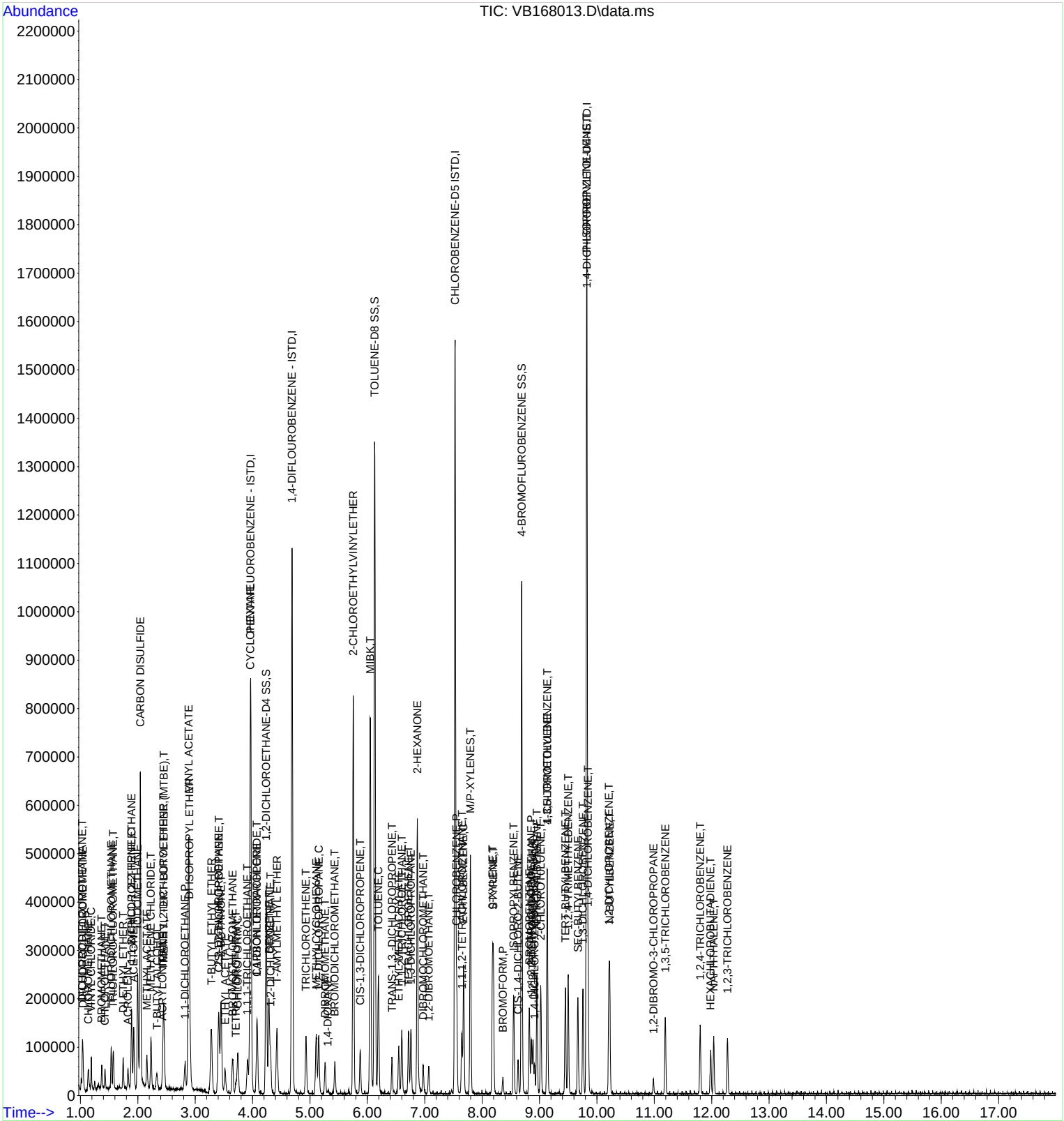
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.307	88	2230	35.33	UG/L	#	61
49) BROMODICHLOROMETHANE	5.432	83	32947	4.14	UG/L		97
50) 2-CHLOROETHYLVINYLETHER	5.755	63	266105	54.66	UG/L	#	49
51) MIBK	6.051	43	487276	60.49	UG/L	#	70
52) CIS-1,3-DICHLOROPROPENE	5.875	75	35041	3.70	UG/L	#	69
53) TOLUENE	6.193	91	141016	5.16	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	26445	3.24	UG/L	#	71
55) ETHYL METHACRYLATE	6.547	41	35878	4.99	UG/L	#	57
56) 1,1,2-TRICHLOROETHANE	6.600	97	30238	5.07	UG/L		93
57) 2-HEXANONE	6.871	43	334481	58.71	UG/L	#	71
58) TETRACHLOROETHENE	6.718	164	24086	5.23	UG/L		95
59) 1,3-DICHLOROPROPANE	6.759	76	53194	5.11	UG/L	#	70
60) DIBROMOCHLOROMETHANE	6.974	129	21773	3.81	UG/L		97
61) 1,2-DIBROMOETHANE	7.069	107	30301	4.94	UG/L		100
64) CHLOROBENZENE	7.554	112	89036	5.28	UG/L	#	90
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	24935	4.58	UG/L		99
66) ETHYLBENZENE	7.674	91	150453	5.18	UG/L		100
67) M/P-XYLENES	7.794	91	234629	10.69	UG/L		88
68) 0-XYLENE	8.179	91	120010	4.99	UG/L		98
69) STYRENE	8.196	104	94019	5.00	UG/L	#	86
70) BROMOFORM	8.360	173	12934	3.85	UG/L	#	99
71) ISOPROPYLBENZENE	8.550	105	108847	5.02	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	14713	4.74	UG/L	#	45
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	42661	5.20	UG/L		98
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	13352	4.86	UG/L	#	63
75) BROMOBENZENE	8.823	77	63777	5.09	UG/L		90
76) 1,2,3-TRICHLOROPROPANE	8.882	110	13225	5.77	UG/L		80
77) N-PROPYLBENZENE	8.954	91	159137	5.47	UG/L		97
78) 2-CHLOROT0LUENE	9.021	91	105308	5.39	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	110861	5.27	UG/L		95
80) 4-CHLOROTOLUENE	9.135	91	119427	5.25	UG/L		96
82) TERT-BUTYLBENZENE	9.450	119	78465	4.58	UG/L		93
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	113425	4.75	UG/L		96
84) SEC-BUTYLBENZENE	9.668	105	111824	4.68	UG/L		98
85) 1,3-DICHLOROBENZENE	9.757	146	70854	5.30	UG/L		99
86) P-ISOPROPYLTOLUENE	9.819	119	93535	4.95	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	71792	5.21	UG/L	#	93
88) N-BUTYLBENZENE	10.223	91	88724	4.81	UG/L		99
89) 1,2-DICHLOROBENZENE	10.209	146	67300	5.10	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	4070	3.25	UG/L		92
91) 1,3,5-TRICHLOROBENZENE	11.191	180	41837	5.46	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	34633	5.00	UG/L		98
93) HEXACHLOROBUTADIENE	11.980	225	15060	5.95	UG/L		98
94) NAPHTHALENE	12.035	128	71504	3.93	UG/L		96
95) 1,2,3-TRICHLOROBENZENE	12.275	180	28776	5.24	UG/L		96

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168013.D
Acq On : 17 Jun 2011 12:08 pm
Operator : LBD/MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 12:43:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168014.D
Acq On : 17 Jun 2011 12:39 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 06:02:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	453872	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	726162	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	371668	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	351481	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	253332	25.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%				
42) TOLUENE-D8 SS	6.126	98	698640	24.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	285599	23.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	76086	12.93	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	127515	10.91	UG/L		97
5) CHLOROMETHANE	1.135	50	79062	6.27	UG/L		100
6) VINYL CHLORIDE	1.188	62	67978	10.01	UG/L		98
7) BROMOMETHANE	1.369	94	31582	10.13	UG/L		96
8) CHLOROETHANE	1.425	64	35019	8.96	UG/L		97
9) FLUORODICHLOROMETHANE	1.533	67	96547	10.96	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	79036	12.07	UG/L		99
11) DI ETHYL ETHER	1.740	59	46323	9.55	UG/L	#	76
12) ACROLEIN	1.826	56	42623	63.02	UG/L	#	94
13) ACETONE	1.927	43	213196	105.63	UG/L	#	71
14) 1,1-DICHLOROETHENE	1.888	61	82376	10.63	UG/L		90
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	38677	11.10	UG/L		97
16) IODOMETHANE	1.994	142	563089	88.20	UG/L		88
17) METHYL ACETATE	2.158	43	126837	8.91	UG/L	#	81
18) T-BUTYL ALCOHOL	2.334	59	48581	75.58	UG/L	#	68
19) ACRYLONITRILE	2.426	53	29989	10.03	UG/L		94
20) METHYLENE CHLORIDE	2.228	49	100564	10.56	UG/L	#	68
21) CARBON DISULFIDE	2.041	76	1131802	99.53	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.456	73	141578	9.01	UG/L	#	90
23) TRANS 1,2-DICHLOROETHENE	2.443	61	75679	10.40	UG/L	#	84
24) 1,1-DICHLOROETHANE	2.819	63	94440	9.13	UG/L		99
25) VINYL ACETATE	2.883	43	1392388	117.90	UG/L	#	77
26) DI ISOPROPYL ETHER	2.903	45	224615	9.03	UG/L	#	75
27) 2-BUTANONE	3.449	43	437743	106.57	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	219320	8.45	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.410	61	119453	10.08	UG/L		93
30) 2,2-DICHLOROPROPANE	3.405	77	58950	7.65	UG/L		99
31) ETHYL ACETATE	3.522	43	102654	9.90	UG/L	#	91
32) BROMOCHLOROMETHANE	3.647	128	30682	9.47	UG/L	#	76
33) TETRAHYDROFURAN	3.709	42	27299	9.06	UG/L	#	84
34) CHLOROFORM	3.742	83	113288	9.87	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	80775	8.74	UG/L		94
36) CYCLOHEXANE	3.954	56	117384	10.83	UG/L	#	91
37) CARBON TETRACHLORIDE	4.071	117	62953	9.04	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	81397	9.92	UG/L		97
39) BENZENE	4.283	78	263644	9.58	UG/L		99
40) T-AMYLMETHYL ETHER	4.420	73	140721	7.43	UG/L	#	72
43) 1,2-DICHLOROETHANE	4.311	62	107380	11.18	UG/L		90
44) TRICHLOROETHENE	4.927	95	64866	10.10	UG/L		95
45) METHYLCYCLOHEXANE	5.108	83	73587	10.48	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.148	63	73935	10.27	UG/L	#	83
47) DIBROMOMETHANE	5.262	93	41264	10.11	UG/L		94

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168014.D
Acq On : 17 Jun 2011 12:39 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 06:02:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

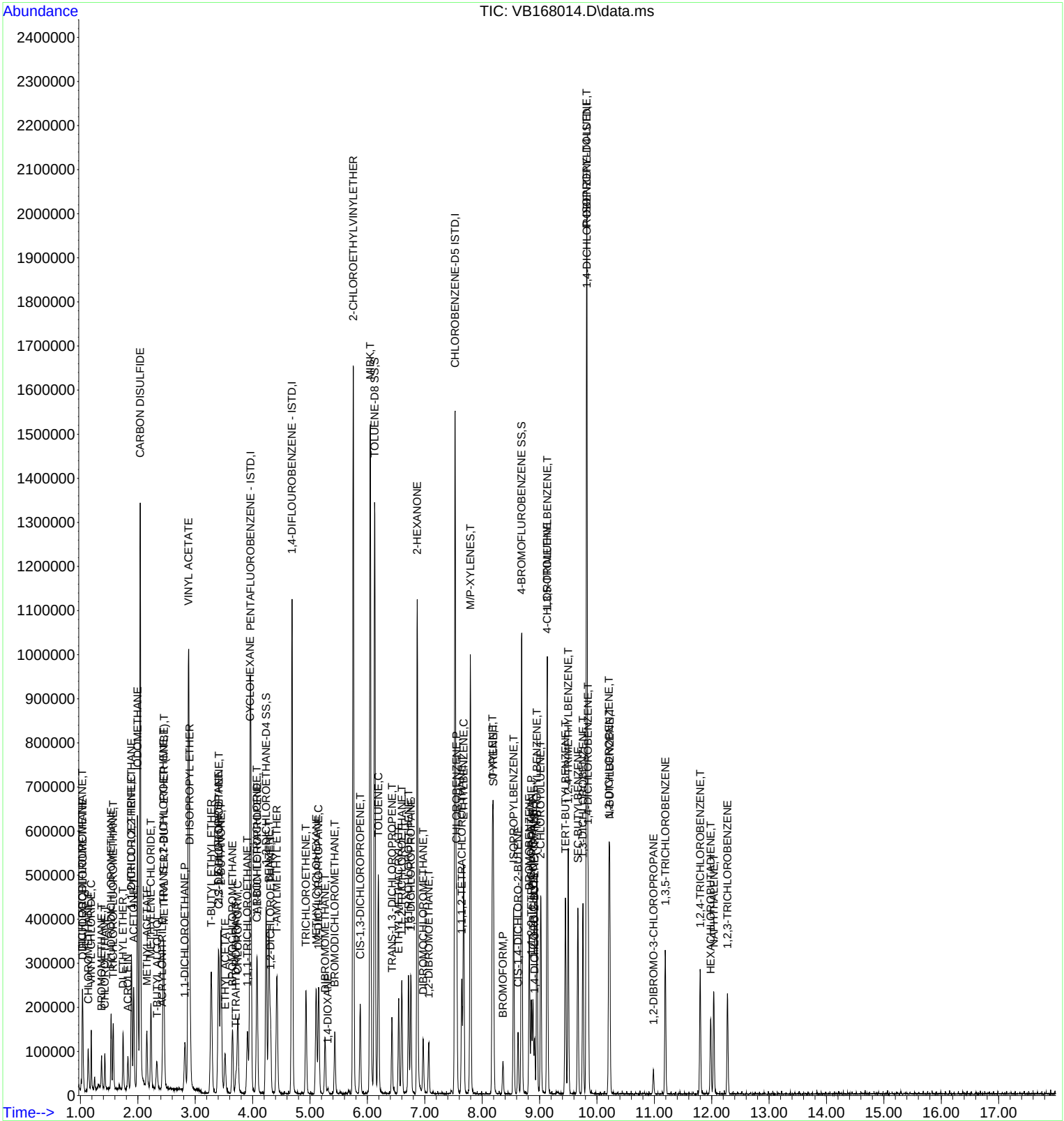
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	4955	78.20	UG/L	#	86
49) BROMODICHLOROMETHANE	5.429	83	70928	8.89	UG/L		98
50) 2-CHLOROETHYLVINYLETHER	5.753	63	536887	109.85	UG/L	#	51
51) MIBK	6.051	43	941739	116.44	UG/L	#	70
52) CIS-1,3-DICHLOROPROPENE	5.875	75	81842	8.60	UG/L	#	72
53) TOLUENE	6.193	91	280106	10.21	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	60338	7.37	UG/L	#	69
55) ETHYL METHACRYLATE	6.545	41	74711	10.34	UG/L	#	61
56) 1,1,2-TRICHLOROETHANE	6.600	97	62564	10.45	UG/L		99
57) 2-HEXANONE	6.868	43	651259	113.86	UG/L	#	71
58) TETRACHLOROETHENE	6.715	164	49126	10.62	UG/L		98
59) 1,3-DICHLOROPROPANE	6.759	76	107926	10.32	UG/L	#	69
60) DIBROMOCHLOROMETHANE	6.974	129	47610	8.29	UG/L		98
61) 1,2-DIBROMOETHANE	7.069	107	61811	10.05	UG/L		98
64) CHLOROBENZENE	7.554	112	182455	10.79	UG/L		93
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	53159	9.73	UG/L		100
66) ETHYLBENZENE	7.677	91	306207	10.52	UG/L		99
67) M/P-XYLENES	7.794	91	481649	21.89	UG/L		87
68) 0-XYLENE	8.179	91	246920	10.24	UG/L		99
69) STYRENE	8.195	104	200946	10.67	UG/L	#	87
70) BROMOFORM	8.360	173	28106	7.03	UG/L		99
71) ISOPROPYLBENZENE	8.547	105	225939	10.40	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	30936	9.95	UG/L	#	49
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	84608	10.29	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	27112	9.85	UG/L	#	71
75) BROMOBENZENE	8.820	77	124189	9.90	UG/L		92
76) 1,2,3-TRICHLOROPROPANE	8.887	110	24292	10.57	UG/L	#	66
77) N-PROPYLBENZENE	8.954	91	317988	10.90	UG/L		100
78) 2-CHLOROT0LUENE	9.018	91	210658	10.76	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	227353	10.78	UG/L		97
80) 4-CHLOROTOLUENE	9.132	91	247889	10.87	UG/L		95
82) TERT-BUTYLBENZENE	9.450	119	165793	9.58	UG/L		93
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	236283	9.79	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	235031	9.74	UG/L		100
85) 1,3-DICHLOROBENZENE	9.757	146	139451	10.33	UG/L		97
86) P-ISOPROPYLTOLUENE	9.818	119	192503	10.09	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	144800	10.40	UG/L		96
88) N-BUTYLBENZENE	10.223	91	186611	10.01	UG/L		98
89) 1,2-DICHLOROBENZENE	10.209	146	139095	10.43	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	8581	6.79	UG/L		86
91) 1,3,5-TRICHLOROBENZENE	11.190	180	84057	10.86	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.801	180	68970	9.86	UG/L		99
93) HEXACHLOROBUTADIENE	11.982	225	31840	12.45	UG/L		97
94) NAPHTHALENE	12.038	128	152444	8.29	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	56629	10.20	UG/L		97

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168014.D
Acq On : 17 Jun 2011 12:39 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 06:02:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168015.D
Acq On : 17 Jun 2011 1:11 pm
Operator : LBD/MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 12:17:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	462500	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	744649	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	378177	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	359518	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	254485	25.15	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.60%				
42) TOLUENE-D8 SS	6.126	98	715605	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	293205	24.16	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.64%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	138895	23.17	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	240911	20.23	UG/L		98
5) CHLOROMETHANE	1.135	50	154482	12.03	UG/L		99
6) VINYL CHLORIDE	1.188	62	136179	19.68	UG/L		99
7) BROMOMETHANE	1.363	94	53815	16.94	UG/L		99
8) CHLOROETHANE	1.422	64	70151	18.96	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	190661	21.24	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	152709	22.89	UG/L		100
11) DI ETHYL ETHER	1.743	59	94374	19.10	UG/L	#	77
12) ACROLEIN	1.826	56	80638	117.00	UG/L	#	91
13) ACETONE	1.927	43	406005	197.41	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.888	61	163782	20.74	UG/L	#	87
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	80727	22.73	UG/L		93
16) IODOMETHANE	1.994	142	1252425	192.53	UG/L		85
17) METHYL ACETATE	2.155	43	253182	17.45	UG/L	#	80
18) T-BUTYL ALCOHOL	2.331	59	89132	136.09	UG/L	#	67
19) ACRYLONITRILE	2.429	53	57093	18.73	UG/L	#	95
20) METHYLENE CHLORIDE	2.228	49	191084	19.69	UG/L	#	70
21) CARBON DISULFIDE	2.041	76	2257574	194.82	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	279995	17.48	UG/L		91
23) TRANS 1,2-DICHLOROETHENE	2.443	61	148197	20.00	UG/L		86
24) 1,1-DICHLOROETHANE	2.822	63	188439	17.87	UG/L		100
25) VINYL ACETATE	2.883	43	2791620	231.97	UG/L	#	77
26) DI ISOPROPYL ETHER	2.905	45	447967	17.68	UG/L	#	74
27) 2-BUTANONE	3.446	43	846194	202.17	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	445873	16.86	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	237806	19.70	UG/L		94
30) 2,2-DICHLOROPROPANE	3.407	77	120870	15.39	UG/L		99
31) ETHYL ACETATE	3.519	43	200708	19.00	UG/L	#	91
32) BROMOCHLOROMETHANE	3.650	128	60989	18.47	UG/L	#	77
33) TETRAHYDROFURAN	3.711	42	54505	17.75	UG/L	#	86
34) CHLOROFORM	3.742	83	221808	18.96	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	164723	17.50	UG/L		94
36) CYCLOHEXANE	3.960	56	221211	20.04	UG/L	#	87
37) CARBON TETRACHLORIDE	4.074	117	131101	18.46	UG/L		99
38) 1,1-DICHLOROPROPENE	4.077	75	166132	19.86	UG/L		97
39) BENZENE	4.283	78	528724	18.86	UG/L		100
40) T-AMYLMETHYL ETHER	4.425	73	287046	14.86	UG/L	#	74
43) 1,2-DICHLOROETHANE	4.311	62	211022	21.42	UG/L		92
44) TRICHLOROETHENE	4.930	95	132080	20.06	UG/L		94
45) METHYLCYCLOHEXANE	5.108	83	149865	20.81	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.153	63	145327	19.68	UG/L	#	82
47) DIBROMOMETHANE	5.259	93	83838	20.02	UG/L		96

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168015.D
Acq On : 17 Jun 2011 1:11 pm
Operator : LBD/MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 12:17:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

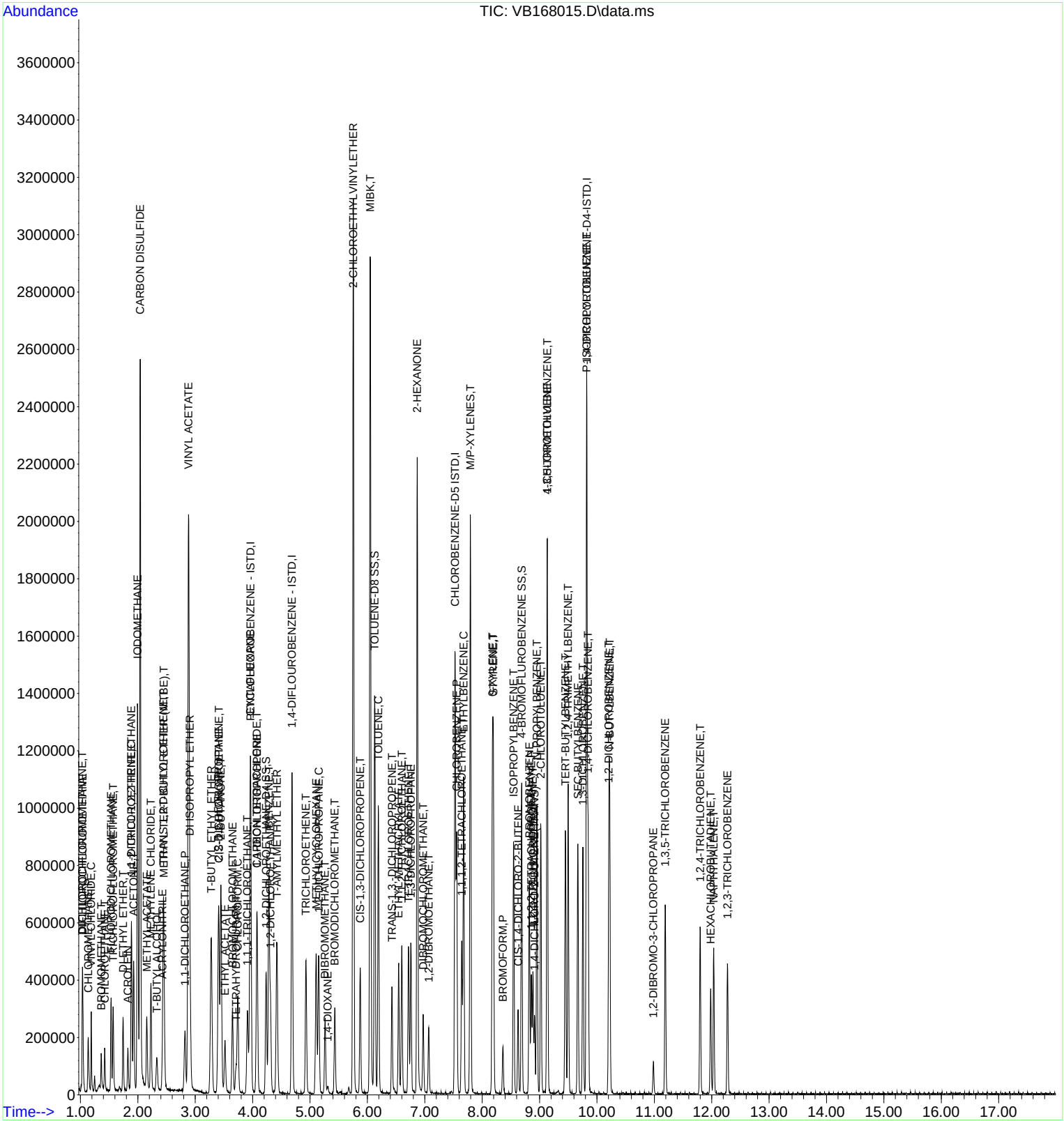
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	8735	134.44	UG/L	#	70
49) BROMODICHLOROMETHANE	5.429	83	156572	19.13	UG/L		98
50) 2-CHLOROETHYLVINYLETHER	5.755	63	1038640	207.24	UG/L	#	50
51) MIBK	6.048	43	1829270	220.56	UG/L	#	71
52) CIS-1,3-DICHLOROPROPENE	5.875	75	175925	18.02	UG/L	#	72
53) TOLUENE	6.190	91	562778	20.01	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	138359	16.48	UG/L	#	72
55) ETHYL METHACRYLATE	6.545	41	159442	21.52	UG/L	#	60
56) 1,1,2-TRICHLOROETHANE	6.600	97	126379	20.58	UG/L		99
57) 2-HEXANONE	6.868	43	1284511	218.99	UG/L	#	71
58) TETRACHLOROETHENE	6.718	164	96681	20.38	UG/L		97
59) 1,3-DICHLOROPROPANE	6.757	76	214735	20.02	UG/L	#	70
60) DIBROMOCHLOROMETHANE	6.971	129	107069	18.19	UG/L		99
61) 1,2-DIBROMOETHANE	7.069	107	126210	20.01	UG/L		99
64) CHLOROBENZENE	7.557	112	367590	21.37	UG/L		95
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	113712	20.46	UG/L		99
66) ETHYLBENZENE	7.677	91	619185	20.90	UG/L		100
67) M/P-XYLENES	7.794	91	970234	43.34	UG/L		87
68) 0-XYLENE	8.179	91	505948	20.62	UG/L		97
69) STYRENE	8.195	104	399785	20.86	UG/L	#	85
70) BROMOFORM	8.363	173	64707	14.50	UG/L		99
71) ISOPROPYLBENZENE	8.547	105	466556	21.11	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	66203	20.92	UG/L	#	57
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	166765	19.94	UG/L		100
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	58326	20.83	UG/L	#	76
75) BROMOBENZENE	8.823	77	255815	20.04	UG/L		92
76) 1,2,3-TRICHLOROPROPANE	8.884	110	49645	21.23	UG/L		99
77) N-PROPYLBENZENE	8.954	91	649736	21.88	UG/L		99
78) 2-CHLOROT0LUENE	9.021	91	423335	21.24	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	465223	21.67	UG/L		98
80) 4-CHLOROTOLUENE	9.132	91	495355	21.35	UG/L		96
82) TERT-BUTYLBENZENE	9.450	119	353720	19.98	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	489517	19.84	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	490184	19.85	UG/L		100
85) 1,3-DICHLOROBENZENE	9.757	146	288853	20.91	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	393026	20.13	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	295770	20.76	UG/L		96
88) N-BUTYLBENZENE	10.223	91	385741	20.23	UG/L		99
89) 1,2-DICHLOROBENZENE	10.206	146	284089	20.83	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	19124	14.79	UG/L		85
91) 1,3,5-TRICHLOROBENZENE	11.188	180	173024	21.85	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	146846	20.53	UG/L		98
93) HEXACHLOROBUTADIENE	11.982	225	64000	24.46	UG/L		97
94) NAPHTHALENE	12.035	128	315372	16.77	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	115494	20.35	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168015.D
Acq On : 17 Jun 2011 1:11 pm
Operator : LBD/MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 12:17:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168016.D
Acq On : 17 Jun 2011 1:42 pm
Operator : LBD/MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 14:12:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	464626	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	751265	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	384056	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	369571	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	251958	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
42) TOLUENE-D8 SS	6.129	98	720798	24.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	298084	24.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	397232	65.97	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	648813	54.23	UG/L		97
5) CHLOROMETHANE	1.135	50	410997	31.86	UG/L		96
6) VINYL CHLORIDE	1.187	62	352285	50.68	UG/L		100
7) BROMOMETHANE	1.369	94	165859	51.98	UG/L		99
8) CHLOROETHANE	1.425	64	170086	47.73	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	482711	53.52	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	391730	58.46	UG/L		100
11) DI ETHYL ETHER	1.742	59	237229	47.79	UG/L	#	78
12) ACROLEIN	1.826	56	211566	305.55	UG/L	#	92
13) ACETONE	1.926	43	1009234	488.48	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.890	61	409955	51.69	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	198690	55.70	UG/L		95
16) IODOMETHANE	1.996	142	3424567	524.02	UG/L		86
17) METHYL ACETATE	2.155	43	619608	42.51	UG/L	#	80
18) T-BUTYL ALCOHOL	2.328	59	227613	345.93	UG/L	#	72
19) ACRYLONITRILE	2.428	53	143456	46.85	UG/L		97
20) METHYLENE CHLORIDE	2.230	49	464708	47.67	UG/L	#	69
21) CARBON DISULFIDE	2.041	76	5692327	488.97	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	710403	44.15	UG/L		92
23) TRANS 1,2-DICHLOROETHENE	2.442	61	372814	50.07	UG/L		86
24) 1,1-DICHLOROETHANE	2.822	63	479563	45.28	UG/L		99
25) VINYL ACETATE	2.883	43	7119424	588.87	UG/L	#	77
26) DI ISOPROPYL ETHER	2.902	45	1106374	43.47	UG/L	#	73
27) 2-BUTANONE	3.446	43	2189784	520.77	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	1173494	44.18	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.410	61	609880	50.30	UG/L		93
30) 2,2-DICHLOROPROPANE	3.404	77	335616	42.53	UG/L		99
31) ETHYL ACETATE	3.516	43	498690	46.99	UG/L	#	90
32) BROMOCHLOROMETHANE	3.647	128	149066	44.94	UG/L	#	75
33) TETRAHYDROFURAN	3.711	42	139266	45.14	UG/L	#	86
34) CHLOROFORM	3.742	83	565883	48.16	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	447043	47.26	UG/L		95
36) CYCLOHEXANE	3.959	56	559713	50.46	UG/L	#	85
37) CARBON TETRACHLORIDE	4.074	117	359174	50.36	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	419281	49.90	UG/L		97
39) BENZENE	4.286	78	1322611	46.97	UG/L		99
40) T-AMYLMETHYL ETHER	4.422	73	775958	40.00	UG/L	#	79
43) 1,2-DICHLOROETHANE	4.311	62	535978	53.93	UG/L		93
44) TRICHLOROETHENE	4.930	95	332544	50.07	UG/L		98
45) METHYLCYCLOHEXANE	5.108	83	386689	53.21	UG/L	#	84
46) 1,2-DICHLOROPROPANE	5.153	63	367884	49.38	UG/L	#	84
47) DIBROMOMETHANE	5.262	93	212298	50.25	UG/L		97

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168016.D
Acq On : 17 Jun 2011 1:42 pm
Operator : LBD/MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 14:12:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

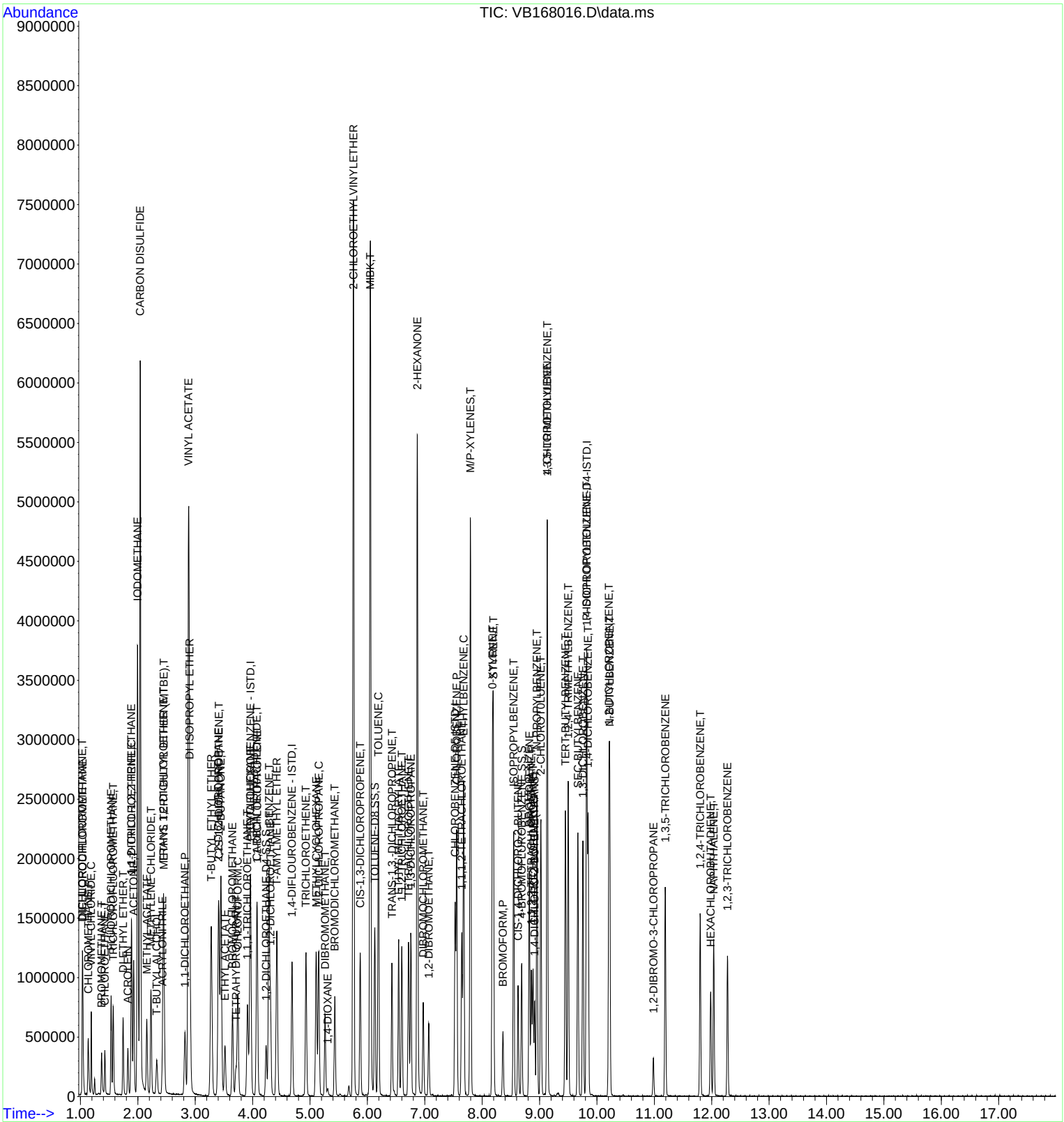
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	22324	340.56	UG/L	#	76
49) BROMODICHLOROMETHANE	5.432	83	427040	51.72	UG/L		100
50) 2-CHLOROETHYLVINYLETHER	5.758	63	2575750	509.41	UG/L	#	49
51) MIBK	6.051	43	4651321	555.89	UG/L	#	70
52) CIS-1,3-DICHLOROPROPENE	5.875	75	492568	50.02	UG/L	#	72
53) TOLUENE	6.193	91	1422408	50.13	UG/L		100
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	415811	49.10	UG/L	#	74
55) ETHYL METHACRYLATE	6.544	41	445339	59.59	UG/L	#	61
56) 1,1,2-TRICHLOROETHANE	6.600	97	316979	51.16	UG/L		100
57) 2-HEXANONE	6.871	43	3342662	564.86	UG/L	#	72
58) TETRACHLOROETHENE	6.717	164	245945	51.39	UG/L		96
59) 1,3-DICHLOROPROPANE	6.756	76	550165	50.84	UG/L	#	73
60) DIBROMOCHLOROMETHANE	6.974	129	310394	52.26	UG/L		99
61) 1,2-DIBROMOETHANE	7.069	107	333490	52.40	UG/L		99
64) CHLOROBENZENE	7.557	112	927711	53.10	UG/L		96
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	307256	54.44	UG/L		99
66) ETHYLBENZENE	7.677	91	1578838	52.48	UG/L		99
67) M/P-XYLENES	7.794	91	2416601	106.30	UG/L		87
68) 0-XYLENE	8.179	91	1301378	52.22	UG/L		97
69) STYRENE	8.195	104	1024083	52.63	UG/L	#	86
70) BROMOFORM	8.363	173	206132	43.08	UG/L		99
71) ISOPROPYLBENZENE	8.549	105	1223479	54.52	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	191033	59.43	UG/L	#	68
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	428018	50.39	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	163167	57.38	UG/L	#	84
75) BROMOBENZENE	8.823	77	648954	50.05	UG/L		94
76) 1,2,3-TRICHLOROPROPANE	8.887	110	123191	51.88	UG/L		100
77) N-PROPYLBENZENE	8.954	91	1667863	55.31	UG/L		100
78) 2-CHLOROT0LUENE	9.024	91	1093158	54.01	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	1168420	53.60	UG/L		97
80) 4-CHLOROTOLUENE	9.132	91	1240403	52.65	UG/L		96
82) TERT-BUTYLBENZENE	9.450	119	920178	50.56	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.500	105	1246085	49.12	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	1282953	50.55	UG/L		100
85) 1,3-DICHLOROBENZENE	9.757	146	747486	52.64	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	1025529	51.11	UG/L		98
87) 1,4-DICHLOROBENZENE	9.846	146	756750	51.67	UG/L		98
88) N-BUTYLBENZENE	10.223	91	987163	50.35	UG/L		99
89) 1,2-DICHLOROBENZENE	10.209	146	729811	52.06	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	56788	42.74	UG/L		89
91) 1,3,5-TRICHLOROBENZENE	11.190	180	456689	56.11	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	392924	53.43	UG/L		98
93) HEXACHLOROBUTADIENE	11.982	225	169276	62.94	UG/L		99
94) NAPHTHALENE	12.035	128	846420	43.78	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	299544	51.33	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168016.D
Acq On : 17 Jun 2011 1:42 pm
Operator : LBD/MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 14:12:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168017.D
Acq On : 17 Jun 2011 2:14 pm
Operator : LBD/MFF
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 20 12:19:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	469067	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.684	114	776154	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	400144	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	371939	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	260044	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
42) TOLUENE-D8 SS	6.132	98	748660	24.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	311802	24.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.12%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	773852	127.29	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	1259087	104.25	UG/L		97
5) CHLOROMETHANE	1.135	50	872508	67.00	UG/L		95
6) VINYL CHLORIDE	1.188	62	683643	97.42	UG/L		99
7) BROMOMETHANE	1.363	94	366303	113.72	UG/L		99
8) CHLOROETHANE	1.425	64	335430	94.57	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	938882	103.11	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	769402	113.73	UG/L		100
11) DI ETHYL ETHER	1.742	59	465395	92.87	UG/L	#	78
12) ACROLEIN	1.826	56	476880	682.20	UG/L	#	95
13) ACETONE	1.927	43	1947067	933.47	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.887	61	806969	100.78	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	384153	106.67	UG/L		96
16) IODOMETHANE	1.996	142	6406972	971.11	UG/L		86
17) METHYL ACETATE	2.155	43	1205002m	81.89	UG/L		
18) T-BUTYL ALCOHOL	2.331	59	456991	687.96	UG/L	#	73
19) ACRYLONITRILE	2.428	53	279695	90.49	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	899855	91.44	UG/L	#	70
21) CARBON DISULFIDE	2.041	76	10615335	903.23	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	1385735	85.31	UG/L		92
23) TRANS 1,2-DICHLOROETHENE	2.445	61	731975	97.38	UG/L		85
24) 1,1-DICHLOROETHANE	2.822	63	941677	88.07	UG/L		100
25) VINYL ACETATE	2.886	43	13396173	1097.56	UG/L	#	77
26) DI ISOPROPYL ETHER	2.905	45	2111145	82.17	UG/L	#	74
27) 2-BUTANONE	3.449	43	4231541	996.81	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	2357604	87.92	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	1182691	96.61	UG/L		93
30) 2,2-DICHLOROPROPANE	3.404	77	699996	87.86	UG/L		99
31) ETHYL ACETATE	3.519	43	980257	91.50	UG/L	#	90
32) BROMOCHLOROMETHANE	3.650	128	285072	85.13	UG/L	#	75
33) TETRAHYDROFURAN	3.708	42	288361	92.57	UG/L	#	86
34) CHLOROFORM	3.742	83	1112329	93.76	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.912	97	928493	97.23	UG/L		97
36) CYCLOHEXANE	3.957	56	1100199	98.25	UG/L	#	85
37) CARBON TETRACHLORIDE	4.074	117	755970	104.98	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	806676	95.09	UG/L		98
39) BENZENE	4.283	78	2585544	90.95	UG/L		100
40) T-AMYLMETHYL ETHER	4.422	73	1562158	79.76	UG/L	#	83
43) 1,2-DICHLOROETHANE	4.311	62	1044601	101.74	UG/L		93
44) TRICHLOROETHENE	4.930	95	657188	95.77	UG/L		97
45) METHYLCYCLOHEXANE	5.108	83	773021	102.97	UG/L	#	84
46) 1,2-DICHLOROPROPANE	5.153	63	739280	96.05	UG/L	#	85
47) DIBROMOMETHANE	5.265	93	420573	96.36	UG/L		96

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168017.D
Acq On : 17 Jun 2011 2:14 pm
Operator : LBD/MFF
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 20 12:19:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

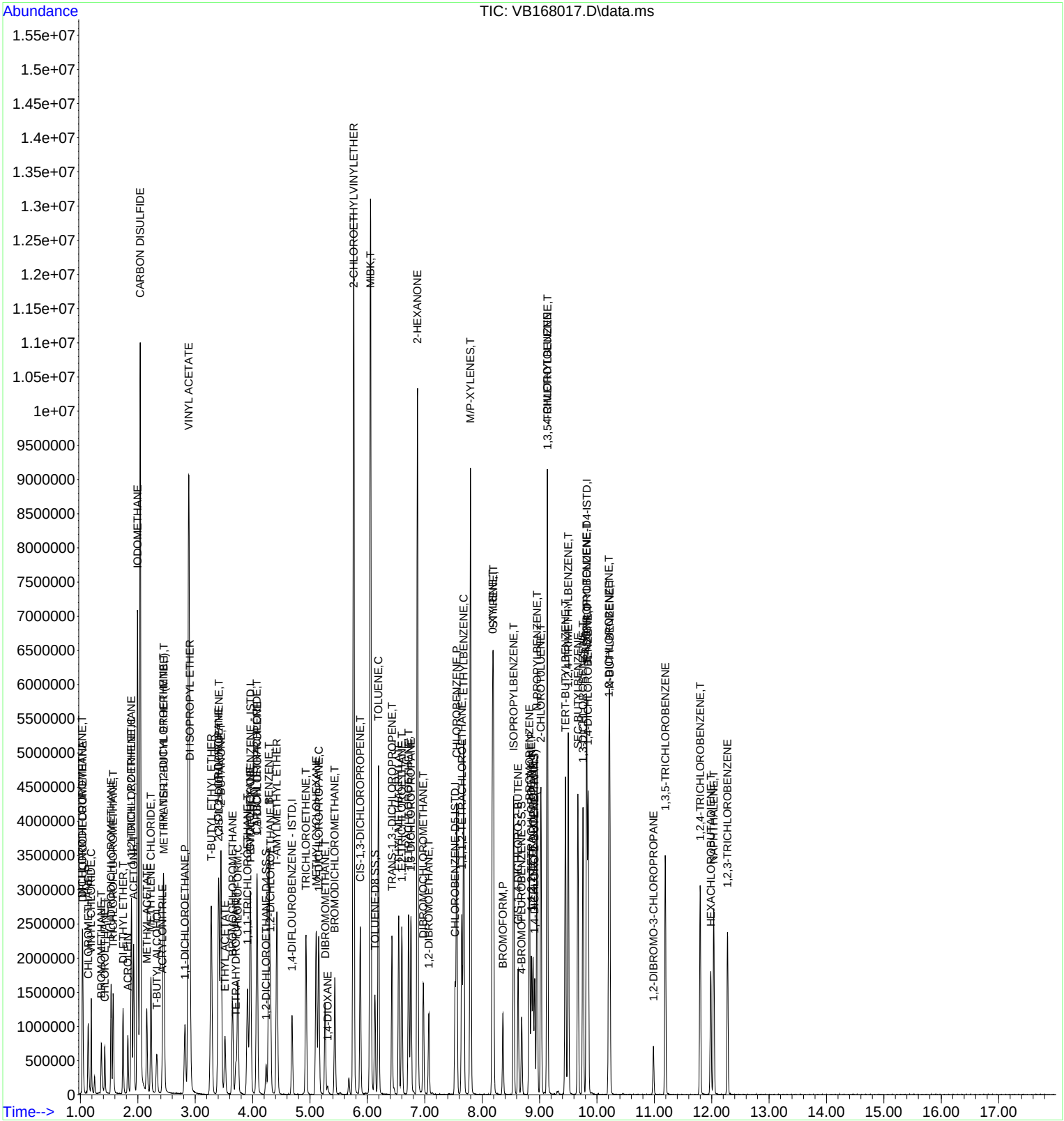
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.306	88	50834	750.62	UG/L	#	89
49) BROMODICHLOROMETHANE	5.432	83	881787	103.38	UG/L		99
50) 2-CHLOROETHYLVINYLETHER	5.761	63	4657306	891.54	UG/L	#	49
51) MIBK	6.054	43	8617823	996.91	UG/L	#	71
52) CIS-1,3-DICHLOROPROPENE	5.875	75	995963	97.90	UG/L	#	72
53) TOLUENE	6.193	91	2773867	94.62	UG/L		100
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	874765	99.97	UG/L	#	75
55) ETHYL METHACRYLATE	6.544	41	896082	116.06	UG/L	#	60
56) 1,1,2-TRICHLOROETHANE	6.600	97	616136	96.25	UG/L		99
57) 2-HEXANONE	6.874	43	6299222	1030.34	UG/L	#	72
58) TETRACHLOROETHENE	6.717	164	493198	99.74	UG/L		97
59) 1,3-DICHLOROPROPANE	6.759	76	1077110	96.35	UG/L	#	73
60) DIBROMOCHLOROMETHANE	6.974	129	660727	107.68	UG/L		99
61) 1,2-DIBROMOETHANE	7.072	107	665394	101.19	UG/L		99
64) CHLOROBENZENE	7.557	112	1829866	100.53	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	631159	107.33	UG/L		98
66) ETHYLBENZENE	7.677	91	3074318	98.07	UG/L		99
67) M/P-XYLENES	7.797	91	4620083	195.06	UG/L		88
68) 0-XYLENE	8.181	91	2506323	96.53	UG/L		98
69) STYRENE	8.195	104	1970846	97.21	UG/L	#	86
70) BROMOFORM	8.363	173	454761	89.98	UG/L		100
71) ISOPROPYLBENZENE	8.550	105	2430905	103.96	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	394729	117.86	UG/L	#	73
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	836329	94.50	UG/L		100
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	343083	115.81	UG/L		88
75) BROMOBENZENE	8.823	77	1271072	94.10	UG/L		94
76) 1,2,3-TRICHLOROPROPANE	8.887	110	246022	99.44	UG/L		99
77) N-PROPYLBENZENE	8.957	91	3279030	104.36	UG/L		100
78) 2-CHLOROT0LUENE	9.024	91	2129622	100.99	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	2256006	99.32	UG/L		98
80) 4-CHLOROTOLUENE	9.135	91	2377425	96.85	UG/L		97
82) TERT-BUTYLBENZENE	9.450	119	1839800	100.45	UG/L		97
83) 1,2,4-TRIMETHYLBENZENE	9.500	105	2448031	95.88	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	2550896	99.87	UG/L		100
85) 1,3-DICHLOROBENZENE	9.757	146	1470263	102.89	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	2093659	103.68	UG/L		98
87) 1,4-DICHLOROBENZENE	9.846	146	1496025	101.50	UG/L		98
88) N-BUTYLBENZENE	10.223	91	1951764	98.92	UG/L		99
89) 1,2-DICHLOROBENZENE	10.209	146	1434073	101.64	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	126832	94.84	UG/L		90
91) 1,3,5-TRICHLOROBENZENE	11.190	180	930036	113.54	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	798654	107.91	UG/L		98
93) HEXACHLOROBUTADIENE	11.985	225	337017	124.52	UG/L		99
94) NAPHTHALENE	12.035	128	1731145	88.98	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	606057	103.20	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168017.D
Acq On : 17 Jun 2011 2:14 pm
Operator : LBD/MFF
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 20 12:19:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168018.D
Acq On : 17 Jun 2011 2:45 pm
Operator : LBD/MFF
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 12:20:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	480555	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	814387	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	419066	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.827	152	384599	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	270487	25.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.92%				
42) TOLUENE-D8 SS	6.135	98	781099	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
63) 4-BROMOFLUROBENZENE SS	8.692	95	332236	24.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	1452613	233.23	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	2434127	196.72	UG/L		97
5) CHLOROMETHANE	1.134	50	1890442	141.70	UG/L		96
6) VINYL CHLORIDE	1.187	62	1326423	184.50	UG/L		99
7) BROMOMETHANE	1.358	94	525018	159.09	UG/L		97
8) CHLOROETHANE	1.416	64	628782	174.20	UG/L		99
9) FLUORODICHLOROMETHANE	1.530	67	1848285	198.14	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.567	101	1515115	218.60	UG/L		100
11) DI ETHYL ETHER	1.742	59	943800	183.83	UG/L	#	78
12) ACROLEIN	1.826	56	1191665	1663.99	UG/L		95
13) ACETONE	1.926	43	3851266	1802.26	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.887	61	1574114	191.89	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	746885	202.44	UG/L		96
16) IODOMETHANE	1.993	142	11891483	1759.31	UG/L	#	84
17) METHYL ACETATE	2.155	43	2492762	165.36	UG/L	#	81
18) T-BUTYL ALCOHOL	2.336	59	972246	1428.64	UG/L	#	77
19) ACRYLONITRILE	2.428	53	549125	173.40	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	1792323	177.78	UG/L	#	70
21) CARBON DISULFIDE	2.032	76	15792649	1311.62	UG/L	#	80
22) METHYL TERT-BUTYL ETHE...	2.451	73	2781666	167.15	UG/L		93
23) TRANS 1,2-DICHLOROETHENE	2.442	61	1426797	185.27	UG/L		86
24) 1,1-DICHLOROETHANE	2.822	63	1905389	173.93	UG/L		99
25) VINYL ACETATE	2.880	43	21435044	1714.20	UG/L	#	80
26) DI ISOPROPYL ETHER	2.908	45	4039537	153.46	UG/L	#	74
27) 2-BUTANONE	3.452	43	8413253	1934.51	UG/L	#	86
28) T-BUTYL ETHYL ETHER	3.279	59	4852672	176.63	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	2333067	186.03	UG/L		92
30) 2,2-DICHLOROPROPANE	3.404	77	1469029	179.98	UG/L		98
31) ETHYL ACETATE	3.519	43	2019167	183.97	UG/L	#	91
32) BROMOCHLOROMETHANE	3.653	128	558553	162.82	UG/L	#	76
33) TETRAHYDROFURAN	3.708	42	591925	185.48	UG/L	#	86
34) CHLOROFORM	3.742	83	2247642	184.93	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	1903013	194.52	UG/L		97
36) CYCLOHEXANE	3.957	56	2172185	189.35	UG/L	#	85
37) CARBON TETRACHLORIDE	4.071	117	1544981	209.43	UG/L		100
38) 1,1-DICHLOROPROPENE	4.079	75	1576225	181.36	UG/L		98
39) BENZENE	4.286	78	5039184	173.02	UG/L		100
40) T-AMYLMETHYL ETHER	4.422	73	3261957	162.57	UG/L	#	87
43) 1,2-DICHLOROETHANE	4.314	62	2093719	194.34	UG/L		93
44) TRICHLOROETHENE	4.930	95	1304662	181.20	UG/L		99
45) METHYLCYCLOHEXANE	5.108	83	1517942	192.70	UG/L	#	84
46) 1,2-DICHLOROPROPANE	5.153	63	1462080	181.04	UG/L	#	86
47) DIBROMOMETHANE	5.262	93	851064	185.84	UG/L		98

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168018.D
Acq On : 17 Jun 2011 2:45 pm
Operator : LBD/MFF
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 12:20:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

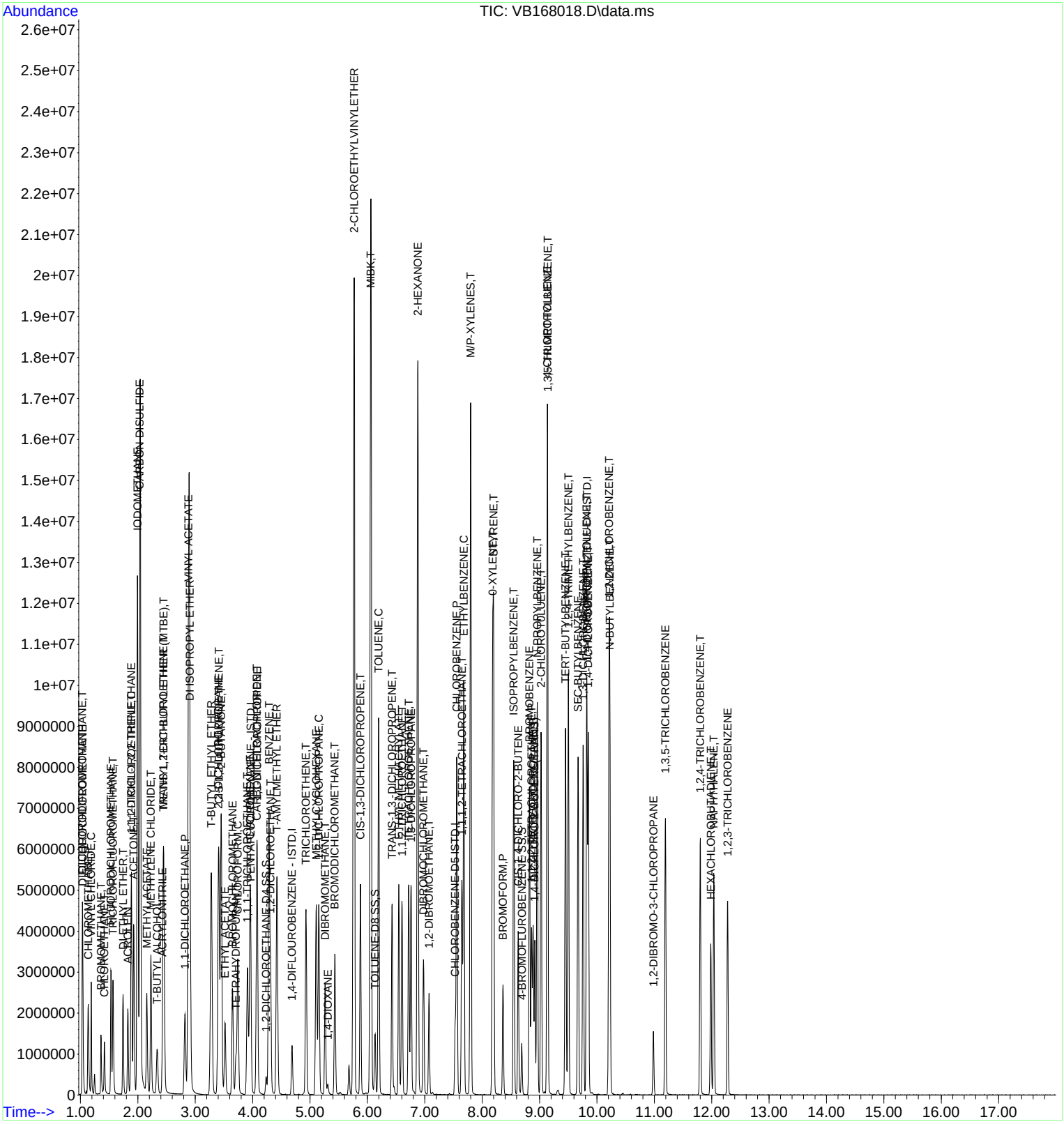
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.312	88	111193	1564.80	UG/L	#	91
49) BROMODICHLOROMETHANE	5.432	83	1827802	204.23	UG/L		100
50) 2-CHLOROETHYLVINYLETHER	5.769	63	8373113	1527.61	UG/L	#	52
51) MIBK	6.059	43	15479285	1706.58	UG/L	#	73
52) CIS-1,3-DICHLOROPROPENE	5.878	75	2061039	193.08	UG/L	#	71
53) TOLUENE	6.196	91	5418930	176.16	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.430	75	1846109	201.08	UG/L	#	75
55) ETHYL METHACRYLATE	6.547	41	1835712	226.60	UG/L	#	60
56) 1,1,2-TRICHLOROETHANE	6.603	97	1234504	183.79	UG/L		99
57) 2-HEXANONE	6.879	43	11803281	1839.98	UG/L	#	73
58) TETRACHLOROETHENE	6.720	164	1004970	193.70	UG/L		99
59) 1,3-DICHLOROPROPANE	6.762	76	2121937	180.90	UG/L	#	72
60) DIBROMOCHLOROMETHANE	6.977	129	1409229	218.88	UG/L		100
61) 1,2-DIBROMOETHANE	7.074	107	1350867	195.79	UG/L		100
64) CHLOROBENZENE	7.557	112	3670897	192.57	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	1308782	212.52	UG/L		99
66) ETHYLBENZENE	7.679	91	6028938	183.65	UG/L		100
67) M/P-XYLENES	7.799	91	8799829	354.75	UG/L		89
68) 0-XYLENE	8.181	91	4909167	180.53	UG/L		98
69) STYRENE	8.198	104	3850608	181.34	UG/L	#	86
70) BROMOFORM	8.363	173	1025952	192.54	UG/L		100
71) ISOPROPYLBENZENE	8.549	105	4830299	197.25	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	838476	239.06	UG/L	#	78
73) 1,1,2,2-TETRACHLOROETHANE	8.859	83	1709219	184.41	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	732287	236.02	UG/L		91
75) BROMOBENZENE	8.823	77	2535290	179.21	UG/L		97
76) 1,2,3-TRICHLOROPROPANE	8.887	110	495574	191.25	UG/L		99
77) N-PROPYLBENZENE	8.959	91	6477136	196.84	UG/L		99
78) 2-CHLOROT0LUENE	9.026	91	4280503	193.83	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.141	105	4421469	185.87	UG/L		98
80) 4-CHLOROTOLUENE	9.135	91	4616175	179.56	UG/L		97
82) TERT-BUTYLBENZENE	9.453	119	3742566	197.62	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.503	105	4879811	184.84	UG/L		99
84) SEC-BUTYLBENZENE	9.671	105	5103734	193.24	UG/L		99
85) 1,3-DICHLOROBENZENE	9.760	146	3019655	204.35	UG/L		98
86) P-ISOPROPYLTOLUENE	9.821	119	4247621	203.42	UG/L		98
87) 1,4-DICHLOROBENZENE	9.849	146	3066423	201.19	UG/L		98
88) N-BUTYLBENZENE	10.225	91	3819787	187.22	UG/L		99
89) 1,2-DICHLOROBENZENE	10.211	146	2914496	199.77	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	283522	205.03	UG/L		91
91) 1,3,5-TRICHLOROBENZENE	11.193	180	1893095	223.50	UG/L		100
92) 1,2,4-TRICHLOROBENZENE	11.801	180	1643615	214.77	UG/L		99
93) HEXACHLOROBUTADIENE	11.985	225	704200	251.62	UG/L		100
94) NAPHTHALENE	12.035	128	3533673	175.65	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.278	180	1250217	205.88	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168018.D
Acq On : 17 Jun 2011 2:45 pm
Operator : LBD/MFF
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 12:20:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168021.D
Acq On : 17 Jun 2011 4:19 pm
Operator : LBD/MFF
Sample : B032198-BS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 14:20:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	462453	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	745313	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	377671	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	358682	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	255693	24.69	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.76%				
42) TOLUENE-D8 SS	6.126	98	719670	25.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	287923	24.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	61141	8.24	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	73322	5.78	UG/L		99
5) CHLOROMETHANE	1.135	50	58478	6.52	UG/L		97
6) VINYL CHLORIDE	1.188	62	55463	8.18	UG/L		98
7) BROMOMETHANE	1.372	94	17098	5.00	UG/L		88
8) CHLOROETHANE	1.428	64	30195	8.53	UG/L		97
9) FLUORODICHLOROMETHANE	1.536	67	71526	7.59	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.573	101	68855	9.00	UG/L		98
11) DI ETHYL ETHER	1.743	59	47402	9.80	UG/L		99
12) ACROLEIN	1.826	56	19716	40.61	UG/L	#	100
13) ACETONE	1.927	43	281098	125.51	UG/L		100
14) 1,1-DICHLOROETHENE	1.890	61	80000	9.86	UG/L		98
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	37964	9.42	UG/L		98
16) IODOMETHANE	2.002	142	110181	5.94	UG/L		88
17) METHYL ACETATE	2.158	43	85364	6.29	UG/L		99
18) T-BUTYL ALCOHOL	2.334	59	37674	75.43	UG/L	#	90
19) ACRYLONITRILE	2.431	53	25482	8.20	UG/L		97
20) METHYLENE CHLORIDE	2.228	49	96109	10.00	UG/L		99
21) CARBON DISULFIDE	2.041	76	111646	11.12	UG/L		95
22) METHYL TERT-BUTYL ETHE...	2.454	73	134664	9.32	UG/L		99
23) TRANS 1,2-DICHLOROETHENE	2.445	61	80299	10.74	UG/L		99
24) 1,1-DICHLOROETHANE	2.822	63	94200	9.85	UG/L		98
25) VINYL ACETATE	2.883	43	1303395	94.41	UG/L		96
26) DI ISOPROPYL ETHER	2.906	45	205262	9.06	UG/L		100
27) 2-BUTANONE	3.449	43	436902	100.87	UG/L		100
28) T-BUTYL ETHYL ETHER	3.279	59	183024	8.32	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	113170	9.59	UG/L		97
30) 2,2-DICHLOROPROPANE	3.402	77	56209	9.63	UG/L		98
31) ETHYL ACETATE	3.516	43	75884	7.18	UG/L		99
32) BROMOCHLOROMETHANE	3.647	128	31452	10.61	UG/L		99
33) TETRAHYDROFURAN	3.711	42	23365	7.81	UG/L	#	61
34) CHLOROFORM	3.739	83	111848	10.10	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.912	97	80097	10.22	UG/L		95
36) CYCLOHEXANE	3.960	56	111743	9.76	UG/L		94
37) CARBON TETRACHLORIDE	4.068	117	63857	9.31	UG/L		100
38) 1,1-DICHLOROPROPENE	4.074	75	82368	10.20	UG/L		100
39) BENZENE	4.283	78	261114	10.15	UG/L		100
40) T-AMYLMETHYL ETHER	4.423	73	133173	9.46	UG/L	#	86
43) 1,2-DICHLOROETHANE	4.311	62	104834	9.96	UG/L		97
44) TRICHLOROETHENE	4.927	95	65480	10.28	UG/L		100
45) METHYLCYCLOHEXANE	5.106	83	66982	9.52	UG/L		99
46) 1,2-DICHLOROPROPANE	5.150	63	72588	10.20	UG/L		97
47) DIBROMOMETHANE	5.262	93	41966	10.42	UG/L		98

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168021.D
Acq On : 17 Jun 2011 4:19 pm
Operator : LBD/MFF
Sample : B032198-BS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 14:20:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

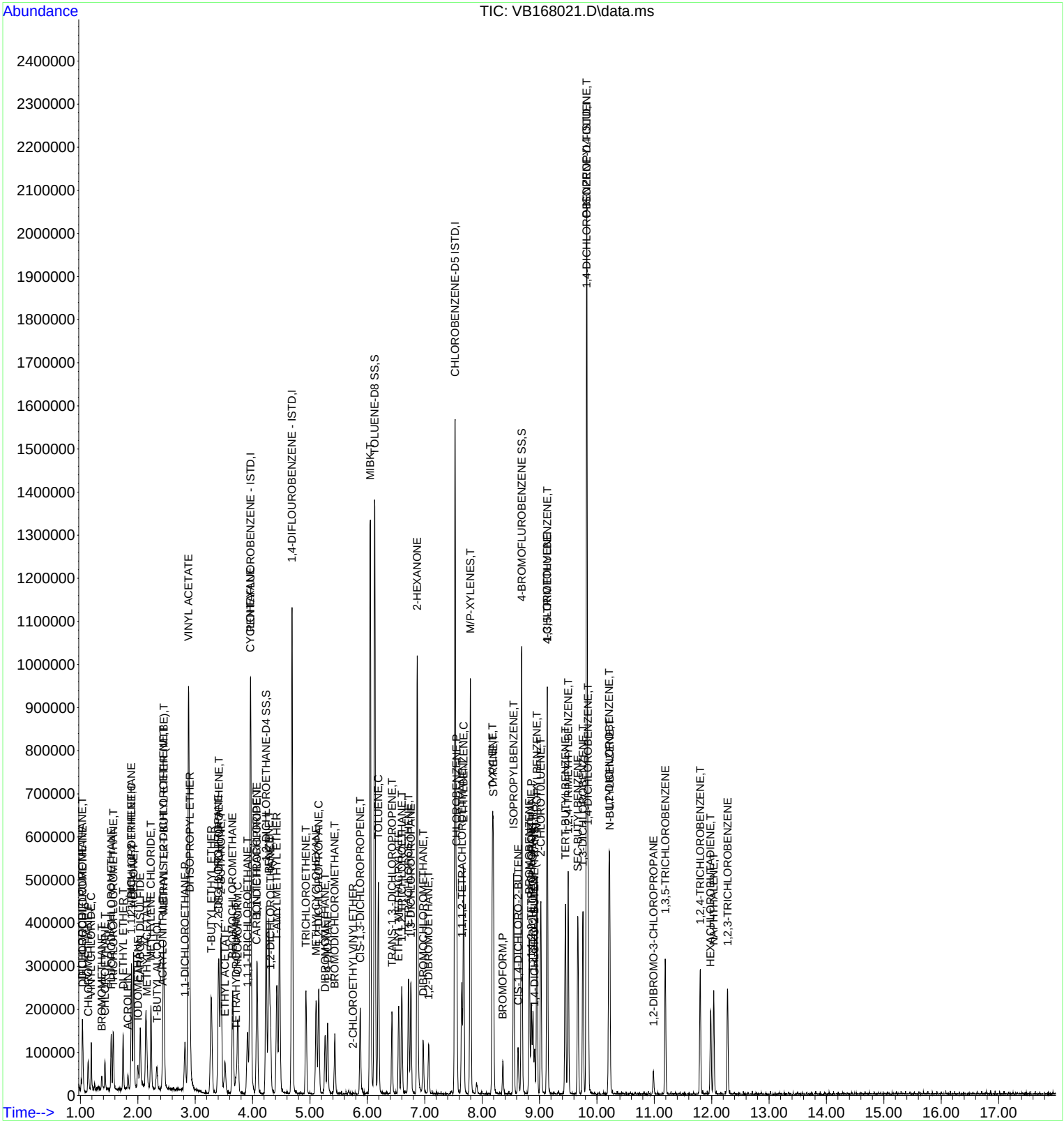
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	3759	78.44	UG/L	#	55
49) BROMODICHLOROMETHANE	5.432	83	70531	10.96	UG/L		99
50) 2-CHLOROETHYLVINYLETHER	5.750	63	975	0.20	UG/L		98
51) MIBK	6.048	43	839624	95.86	UG/L		96
52) CIS-1,3-DICHLOROPROPENE	5.875	75	78445	8.69	UG/L		98
53) TOLUENE	6.191	91	280772	10.39	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	66663	9.25	UG/L		96
55) ETHYL METHACRYLATE	6.545	41	70168	8.99	UG/L		97
56) 1,1,2-TRICHLOROETHANE	6.600	97	62490	10.17	UG/L		99
57) 2-HEXANONE	6.868	43	602055	99.24	UG/L		98
58) TETRACHLOROETHENE	6.715	164	50016	10.58	UG/L		98
59) 1,3-DICHLOROPROPANE	6.759	76	104952	9.78	UG/L		98
60) DIBROMOCHLOROMETHANE	6.974	129	46928	10.48	UG/L		99
61) 1,2-DIBROMOETHANE	7.066	107	62100	10.23	UG/L		99
64) CHLOROBENZENE	7.554	112	181352	10.26	UG/L		95
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	54319	10.16	UG/L		98
66) ETHYLBENZENE	7.677	91	303960	10.56	UG/L		100
67) M/P-XYLENES	7.794	91	479424	21.84	UG/L		99
68) 0-XYLENE	8.179	91	249979	11.01	UG/L		100
69) STYRENE	8.196	104	192254	10.91	UG/L		99
70) BROMOFORM	8.357	173	27233	8.56	UG/L		97
71) ISOPROPYLBENZENE	8.550	105	261801	12.44	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	21742	6.91	UG/L	#	70
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	79345	9.53	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.909	53	22511	7.94	UG/L	#	79
75) BROMOBENZENE	8.820	77	122799	9.98	UG/L		95
76) 1,2,3-TRICHLOROPROPANE	8.882	110	22800	9.02	UG/L		78
77) N-PROPYLBENZENE	8.954	91	316662	10.56	UG/L		98
78) 2-CHLOROT0LUENE	9.024	91	210469	10.54	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	217695	10.50	UG/L		99
80) 4-CHLOROTOLUENE	9.133	91	249288	11.03	UG/L		100
82) TERT-BUTYLBENZENE	9.450	119	167699	10.43	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	234816	10.80	UG/L		98
84) SEC-BUTYLBENZENE	9.665	105	236375	10.69	UG/L		98
85) 1,3-DICHLOROBENZENE	9.757	146	144022	10.31	UG/L		99
86) P-ISOPROPYLTOLUENE	9.819	119	197050	10.60	UG/L		98
87) 1,4-DICHLOROBENZENE	9.846	146	147103	9.94	UG/L		97
88) N-BUTYLBENZENE	10.223	91	181725	10.66	UG/L		99
89) 1,2-DICHLOROBENZENE	10.212	146	138104	9.96	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	8380	9.42	UG/L		95
91) 1,3,5-TRICHLOROBENZENE	11.191	180	78983	9.45	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.801	180	72082	9.50	UG/L		99
93) HEXACHLOROBUTADIENE	11.980	225	37565	11.69	UG/L		98
94) NAPHTHALENE	12.036	128	144547	9.15	UG/L		100
95) 1,2,3-TRICHLOROBENZENE	12.278	180	63013	10.32	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168021.D
Acq On : 17 Jun 2011 4:19 pm
Operator : LBD/MFF
Sample : B032198-BS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 14:20:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB220031.D	Calibration Date:	07/27/11 15:03
Sequence:	S001079	Injection Date:	08/08/11
Lab Sample ID:	S001079-CCV1	Injection Time:	21:12

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	106	0.1452923	0.1537446		5.8	20	
Acrylonitrile	A	10.0	10.7	0.201569	0.2148781		6.6	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.91	0.9133338	0.9054587		-0.9	20	
Benzene	A	10.0	10.2	1.669467	1.700272		1.8	20	
Bromobenzene	A	10.0	9.50	0.9777632	0.929292		-5.0	20	
Bromochloromethane	A	10.0	10.6	0.1923549	0.2037158		5.9	20	
Bromodichloromethane	A	10.0	10.2	0.25899	0.2649586		2.3	20	
Bromoform	L	10.0	7.77	0.2281527	0.1872586		-22.3	20	*
Bromomethane	A	10.0	8.79	0.2216584	0.1947272		-12.1	20	
2-Butanone (MEK)	A	100	91.1	0.2809751	0.255872		-8.9	20	
tert-Butyl Alcohol (TBA)	A	100	115	3.239931E-02	3.736173E-02		15.3	20	
n-Butylbenzene	A	10.0	9.06	1.425837	1.292354		-9.4	20	
sec-Butylbenzene	A	10.0	9.40	1.849629	1.739346		-6.0	20	
tert-Butylbenzene	A	10.0	9.22	1.345063	1.240627		-7.8	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.51	1.426552	1.213601		-14.9	20	
Carbon Disulfide	A	100	114	0.6515737	0.7456455		14.4	20	
Carbon Tetrachloride	A	10.0	8.77	0.4450766	0.3904108		-12.3	20	
Chlorobenzene	A	10.0	9.90	1.403769	1.389817		-1.0	20	
Chlorodibromomethane	A	10.0	9.73	0.1801905	0.175382		-2.7	20	
Chloroethane	A	10.0	10.7	0.2296499	0.24583		7.0	20	
Chloroform	A	10.0	9.81	0.7187301	0.7053477		-1.9	20	
Chloromethane	A	10.0	8.48	0.5815776	0.4931515		-15.2	20	
2-Chlorotoluene	A	10.0	9.79	1.586037	1.552713		-2.1	20	
4-Chlorotoluene	A	10.0	9.89	1.795125	1.774609		-1.1	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB220031.D	Calibration Date:	07/27/11 15:03
Sequence:	S001079	Injection Date:	08/08/11
Lab Sample ID:	S001079-CCV1	Injection Time:	21:12

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.77	7.444275E-02	6.525815E-02		-12.3	20	
1,2-Dibromoethane (EDB)	A	10.0	10.1	0.2443295	0.2465599		0.9	20	
Dibromomethane	A	10.0	10.0	0.1621583	0.1624836		0.2	20	
1,2-Dichlorobenzene	A	10.0	9.20	1.159424	1.066165		-8.0	20	
1,3-Dichlorobenzene	A	10.0	9.25	1.168051	1.080758		-7.5	20	
1,4-Dichlorobenzene	A	10.0	9.25	1.237775	1.145311		-7.5	20	
trans-1,4-Dichloro-2-butene	A	10.0	8.38	0.2252608	0.1888598		-16.2	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	7.28	0.48164	0.3506909		-27.2	20	*
1,1-Dichloroethane	A	10.0	10.3	0.6201722	0.6398122		3.2	20	
1,2-Dichloroethane	A	10.0	9.82	0.4234997	0.4159065		-1.8	20	
1,1-Dichloroethylene	A	10.0	10.7	0.5264971	0.5649269		7.3	20	
cis-1,2-Dichloroethylene	A	10.0	8.85	0.7658819	0.6780942		-11.5	20	
trans-1,2-Dichloroethylene	A	10.0	10.6	0.4848706	0.5129346		5.8	20	
1,2-Dichloropropane	A	10.0	9.86	0.2864455	0.2824186		-1.4	20	
1,3-Dichloropropane	A	10.0	10.1	0.4319773	0.43673		1.1	20	
2,2-Dichloropropane	A	10.0	8.40	0.3787333	0.3181003		-16.0	20	
1,1-Dichloropropene	A	10.0	10.1	0.5237433	0.5273672		0.7	20	
cis-1,3-Dichloropropene	L	10.0	8.59	0.3100981	0.3119865		-14.1	20	
trans-1,3-Dichloropropene	L	10.0	8.37	0.2432209	0.2381655		-16.3	20	
Diethyl Ether	A	10.0	10.6	0.3137275	0.3336566		6.4	20	
Diisopropyl Ether (DIPE)	A	10.0	10.4	1.469231	1.530096		4.1	20	
1,4-Dioxane	A	100	103	1.928818E-03	1.990545E-03		3.2	20	
Ethylbenzene	A	10.0	9.97	2.286557	2.280579		-0.3	20	
Hexachlorobutadiene	A	10.0	7.59	0.2687136	0.2040458		-24.1	20	*
2-Hexanone (MBK)	A	100	113	0.2441964	0.2750081		12.6	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB220031.D	Calibration Date:	07/27/11 15:03
Sequence:	S001079	Injection Date:	08/08/11
Lab Sample ID:	S001079-CCV1	Injection Time:	21:12

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	9.73	1.671789	1.626171		-2.7	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	8.87	1.554926	1.379804		-11.3	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.5	0.9371012	0.9868982		5.3	20	
Methylene Chloride	A	10.0	11.2	0.6234838	0.7014219		12.5	20	
4-Methyl-2-pentanone (MIBK)	A	100	112	0.3525659	0.3945614		11.9	20	
Naphthalene	A	10.0	6.24	1.321474	0.8245707		-37.6	20	*
n-Propylbenzene	A	10.0	9.74	2.381649	2.320546		-2.6	20	
Styrene	A	10.0	10.2	1.399753	1.421441		1.5	20	
1,1,1,2-Tetrachloroethane	A	10.0	8.91	0.424554	0.3780728		-10.9	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.74	0.6611161	0.6436241		-2.6	20	
Tetrachloroethylene	A	10.0	9.92	0.1903287	0.1888691		-0.8	20	
Tetrahydrofuran	A	10.0	9.84	0.1941693	0.1910689		-1.6	20	
Toluene	A	10.0	10.4	1.087647	1.132848		4.2	20	
1,2,3-Trichlorobenzene	A	10.0	5.65	0.5108128	0.2885678		-43.5	20	*
1,2,4-Trichlorobenzene	A	10.0	6.81	0.6346014	0.4321673		-31.9	20	*
1,3,5-Trichlorobenzene	A	10.0	7.86	0.6991139	0.5491856		-21.4	20	*
1,1,1-Trichloroethane	A	10.0	9.92	0.5084648	0.504287		-0.8	20	
1,1,2-Trichloroethane	A	10.0	9.90	0.2473233	0.2447773		-1.0	20	
Trichloroethylene	A	10.0	10.2	0.2565092	0.2629989		2.5	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.4	0.4960794	0.514212		3.7	20	
1,2,3-Trichloropropane	A	10.0	9.71	0.2007954	0.1950212		-2.9	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.2	0.2613222	0.2659876		1.8	20	
1,2,4-Trimethylbenzene	A	10.0	9.97	1.818957	1.812859		-0.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0217
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB220031.D	Calibration Date:	07/27/11 15:03
Sequence:	S001079	Injection Date:	08/08/11
Lab Sample ID:	S001079-CCV1	Injection Time:	21:12

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	9.91	1.646985	1.632395		-0.9	20
Vinyl Chloride	A	10.0	9.60	0.4396236	0.4222121		-4.0	20
m+p Xylene	A	20.0	20.6	1.743776	1.798081		3.1	20
o-Xylene	A	10.0	9.95	1.803451	1.79427		-0.5	20
1,2-Dichloroethane-d4	A	25.0	24.3	0.6718652	0.6533513		-2.8	
Toluene-d8	A	25.0	25.9	1.158452	1.198548		3.5	
4-Bromofluorobenzene	A	25.0	25.1	0.9177798	0.9204981		0.3	

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

* Values outside of QC limits

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220031.D
Acq On : 8 Aug 2011 9:12 pm
Operator : LBD/MFF
Sample : 8260STD 10PPB
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 09 04:30:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	PENTAFLUOROBENZENE - ISTD	30.000	30.000	0.0	99	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	25.000	24.311	2.8	96	0.00
3	T	DICHLORODIFLOUROMETHANE	10.000	7.281	27.2#	69	0.00
4		DIFLUOROCHLOROMETHANE	10.000	8.175	18.2	79	0.00
5	P	CHLOROMETHANE	10.000	8.480	15.2	93	0.00
6	C	VINYL CHLORIDE	10.000	9.604	4.0	93	0.00
7	T	BROMOMETHANE	10.000	8.785	12.1	92	0.00
8	T	CHLOROETHANE	10.000	10.705	-7.1	105	0.00
9		FLUORODICHLOROMETHANE	10.000	11.228	-12.3	106	0.00
10	T	TRICHLOROFLUOROMETHANE	10.000	10.366	-3.7	97	0.00
11	T	DI ETHYL ETHER	10.000	10.635	-6.3	108	0.00
12		ACROLEIN	100.000	133.308	-33.3#	147	0.00
13	T	ACETONE	100.000	105.817	-5.8	108	0.00
14	C	1,1-DICHLOROETHENE	10.000	10.730	-7.3	103	0.00
15		1,1,2-TRICL-1,2,2-TRIFLETHA	10.000	10.179	-1.8	103	0.00
16		IODOMETHANE	100.000	80.501	19.5	94	0.00
17		METHYL ACETATE	10.000	11.155	-11.5	116	0.00
18		T-BUTYL ALCOHOL	100.000	115.316	-15.3	115	0.00
19		ACRYLONITRILE	10.000	10.660	-6.6	107	0.00
20	T	METHYLENE CHLORIDE	10.000	11.250	-12.5	104	0.00
21		CARBON DISULFIDE	100.000	114.438	-14.4	99	0.00
22	T	METHYL TERT-BUTYL ETHER (MT	10.000	10.531	-5.3	104	0.00
23	T	TRANS 1,2-DICHLOROETHENE	10.000	10.579	-5.8	101	0.00
24	P	1,1-DICHLOROETHANE	10.000	10.317	-3.2	101	0.00
25		VINYL ACETATE	100.000	103.263	-3.3	99	0.00
26		DI ISOPROPYL ETHER	10.000	10.414	-4.1	102	0.00
27	T	2-BUTANONE	100.000	91.066	8.9	87	0.00
28		T-BUTYL ETHYL ETHER	10.000	8.507	14.9	83	0.00
29	T	CIS-1,2-DICHLOROETHENE	10.000	8.854	11.5	85	0.00
30		2,2-DICHLOROPROPANE	10.000	8.399	16.0	81	0.00
31		ETHYL ACETATE	10.000	9.383	6.2	94	0.00
32		BROMOCHLOROMETHANE	10.000	10.591	-5.9	99	0.00
33	T	TETRAHYDROFURAN	10.000	9.840	1.6	105	0.00
34	C	CHLOROFORM	10.000	9.814	1.9	93	0.00
35	T	1,1,1-TRICHLOROETHANE	10.000	9.918	0.8	93	0.00
36		CYCLOHEXANE	10.000	9.685	3.1	92	0.00
37	T	CARBON TETRACHLORIDE	10.000	8.772	12.3	93	0.00
38		1,1-DICHLOROPROPENE	10.000	10.069	-0.7	97	0.00
39	T	BENZENE	10.000	10.185	-1.9	96	0.00
40		T-AMYLMETHYL ETHER	10.000	9.914	0.9	96	0.00
41	I	1,4-DIFLOUROBENZENE - ISTD	30.000	30.000	0.0	100	0.00
42	S	TOLUENE-D8 SS	25.000	25.865	-3.5	104	0.00
43	T	1,2-DICHLOROETHANE	10.000	9.821	1.8	94	0.00
44	T	TRICHLOROETHENE	10.000	10.253	-2.5	98	0.00
45		METHYLCYCLOHEXANE	10.000	9.388	6.1	88	0.00
46	C	1,2-DICHLOROPROPANE	10.000	9.859	1.4	93	0.00

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220031.D
Acq On : 8 Aug 2011 9:12 pm
Operator : LBD/MFF
Sample : 8260STD 10PPB
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 09 04:30:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47	T	DIBROMOMETHANE	10.000	10.020	-0.2	96	0.00
48		1,4-DIOXANE	100.000	103.200	-3.2	98	0.00
49	T	BROMODICHLOROMETHANE	10.000	10.230	-2.3	91	0.00
50		2-CHLOROETHYLVINYLETHER	100.000	109.278	-9.3	96	0.00
51	T	MIBK	100.000	111.911	-11.9	102	0.00
52	T	CIS-1,3-DICHLOROPROPENE	10.000	8.594	14.1	93	0.00
53	C	TOLUENE	10.000	10.416	-4.2	98	0.00
54	T	TRANS-1,3,-DICHLOROPROPENE	10.000	8.369	16.3	96	0.00
55		ETHYL METHACRYLATE	10.000	9.538	4.6	97	0.00
56	T	1,1,2-TRICHLOROETHANE	10.000	9.897	1.0	95	0.00
57		2-HEXANONE	100.000	112.618	-12.6	103	0.00
58	T	TETRACHLOROETHENE	10.000	9.923	0.8	93	0.00
59		1,3-DICHLOROPROPANE	10.000	10.110	-1.1	98	0.00
60	T	DIBROMOCHLOROMETHANE	10.000	9.733	2.7	89	0.00
61	T	1,2-DIBROMOETHANE	10.000	10.091	-0.9	97	0.00
62	I	CHLOROBENZENE-D5 ISTD	30.000	30.000	0.0	103	0.00
63	S	4-BROMOFLUROBENZENE SS	25.000	25.074	-0.3	103	0.00
64	P	CHLOROBENZENE	10.000	9.901	1.0	97	0.00
65	T	1,1,1,2-TETRACHLOROETHANE	10.000	8.905	11.0	91	0.00
66	C	ETHYLBENZENE	10.000	9.974	0.3	95	0.00
67	T	M/P-XYLENES	20.000	20.623	-3.1	95	0.00
68	T	O-XYLENE	10.000	9.949	0.5	93	0.00
69	T	STYRENE	10.000	10.155	-1.5	90	0.00
70	P	BROMOFORM	10.000	7.767	22.3#	85	0.00
71	T	ISOPROPYLBENZENE	10.000	9.727	2.7	92	0.00
72		CIS-1,4-DICHLORO-2-BUTENE	10.000	8.673	13.3	89	0.00
73	P	1,1,2,2-TETRACHLOROETHANE	10.000	9.735	2.7	97	0.00
74		1,4-DICHLORO-2-BUTENE(TRANS	10.000	8.384	16.2	89	0.00
75		BROMOBENZENE	10.000	9.504	5.0	95	0.00
76	T	1,2,3-TRICHLOROPROPANE	10.000	9.712	2.9	102	0.00
77	T	N-PROPYLBENZENE	10.000	9.743	2.6	93	0.00
78	T	2-CHLOROTOLUENE	10.000	9.790	2.1	94	0.00
79	T	1,3,5-TRIMETHYLBENZENE	10.000	9.911	0.9	91	0.00
80		4-CHLOROTOLUENE	10.000	9.886	1.1	91	0.00
81	I	1,4-DICHLOROBENZENE-D4-ISTD	30.000	30.000	0.0	103	0.00
82	T	TERT-BUTYLBENZENE	10.000	9.224	7.8	90	0.00
83	T	1,2,4-TRIMETHYLBENZENE	10.000	9.966	0.3	92	0.00
84		SEC-BUTYLBENZENE	10.000	9.404	6.0	89	0.00
85	T	1,3-DICHLOROBENZENE	10.000	9.253	7.5	93	0.00
86	T	P-ISOPROPYLTOLUENE	10.000	8.874	11.3	86	0.00
87	T	1,4-DICHLOROBENZENE	10.000	9.253	7.5	95	0.00
88	T	N-BUTYLBENZENE	10.000	9.064	9.4	83	0.00
89	T	1,2-DICHLOROBENZENE	10.000	9.196	8.0	92	0.00
90		1,2-DIBROMO-3-CHLOROPROPANE	10.000	8.766	12.3	92	0.00
91		1,3,5-TRICHLOROBENZENE	10.000	7.855	21.4#	79	0.00

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220031.D
Acq On : 8 Aug 2011 9:12 pm
Operator : LBD/MFF
Sample : 8260STD 10PPB
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 09 04:30:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
92	T	1,2,4-TRICHLOROBENZENE	10.000	6.810	31.9#	76	0.00
93	T	HEXACHLOROBUTADIENE	10.000	7.593	24.1#	77	0.00
94	T	NAPHTHALENE	10.000	6.240	37.6#	65	0.00
95		1,2,3-TRICHLOROBENZENE	10.000	5.649	43.5#	61	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220031.D
Acq On : 8 Aug 2011 9:12 pm
Operator : LBD/MFF
Sample : 8260STD 10PPB
Misc :
ALS Vial : 31 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 09 2011

Quant Time: Aug 09 04:30:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	448566	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	728695	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	382220	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	361610	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	244226	24.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.24%				
42) TOLUENE-D8 SS	6.13	98	727813	25.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.48%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	293194	25.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	52436	7.28	UG/L		96
4) DIFLUOROCHLOROMETHANE	1.04	51	100540	8.18	UG/L		98
5) CHLOROMETHANE	1.13	50	73737	8.48	UG/L		98
6) VINYL CHLORIDE	1.19	62	63130	9.60	UG/L		96
7) BROMOMETHANE	1.37	94	29116	8.79	UG/L		99
8) CHLOROETHANE	1.42	64	36757	10.70	UG/L		99
9) FLUORODICHLOROMETHANE	1.53	67	102672	11.23	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.57	101	76886	10.37	UG/L		99
11) DI ETHYL ETHER	1.75	59	49889	10.64	UG/L		97
12) ACROLEIN	1.83	56	62782	133.31	UG/L	#	99
13) ACETONE	1.93	43	229882	105.82	UG/L		98
14) 1,1-DICHLOROETHENE	1.89	61	84469	10.73	UG/L		100
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	39771	10.18	UG/L		100
16) IODOMETHANE	1.99	142	528779	80.50	UG/L		98
17) METHYL ACETATE	2.16	43	146866	11.15	UG/L		99
18) T-BUTYL ALCOHOL	2.33	59	55864	115.32	UG/L		93
19) ACRYLONITRILE	2.42	53	32129	10.66	UG/L		96
20) METHYLENE CHLORIDE	2.23	49	104878	11.25	UG/L		98
21) CARBON DISULFIDE	2.04	76	1114904	114.44	UG/L		94
22) METHYL TERT-BUTYL ETHER (M	2.45	73	147563	10.53	UG/L		98
23) TRANS 1,2-DICHLOROETHENE	2.45	61	76695	10.58	UG/L		97
24) 1,1-DICHLOROETHANE	2.82	63	95666	10.32	UG/L		99
25) VINYL ACETATE	2.88	43	1382788	103.26	UG/L		97
26) DI ISOPROPYL ETHER	2.90	45	228783	10.41	UG/L		98
27) 2-BUTANONE	3.45	43	382585	91.07	UG/L		99
28) T-BUTYL ETHYL ETHER	3.28	59	181460	8.51	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.41	61	101390	8.85	UG/L		100
30) 2,2-DICHLOROPROPANE	3.40	77	47563	8.40	UG/L		99
31) ETHYL ACETATE	3.52	43	96222	9.38	UG/L		98
32) BROMOCHLOROMETHANE	3.65	128	30460	10.59	UG/L		97
33) TETRAHYDROFURAN	3.71	42	28569	9.84	UG/L		96
34) CHLOROFORM	3.74	83	105465	9.81	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.91	97	75402	9.92	UG/L		97
36) CYCLOHEXANE	3.96	56	107507	9.69	UG/L		93
37) CARBON TETRACHLORIDE	4.07	117	58375	8.77	UG/L		98
38) 1,1-DICHLOROPROPENE	4.07	75	78853	10.07	UG/L		98
39) BENZENE	4.28	78	254228	10.18	UG/L		100

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220031.D
Acq On : 8 Aug 2011 9:12 pm
Operator : LBD/MFF
Sample : 8260STD 10PPB
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 09 04:30:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	135386	9.91	UG/L	#	89
43) 1,2-DICHLOROETHANE	4.31	62	101023	9.82	UG/L		98
44) TRICHLOROETHENE	4.93	95	63882	10.25	UG/L		97
45) METHYLCYCLOHEXANE	5.11	83	64589	9.39	UG/L		99
46) 1,2-DICHLOROPROPANE	5.15	63	68599	9.86	UG/L		98
47) DIBROMOMETHANE	5.26	93	39467	10.02	UG/L		98
48) 1,4-DIOXANE	5.31	88	4835	103.20	UG/L	#	88
49) BROMODICHLOROMETHANE	5.43	83	64358	10.23	UG/L		98
50) 2-CHLOROETHYLVINYLETHER	5.76	63	516960	109.28	UG/L		98
51) MIBK	6.05	43	958383	111.91	UG/L		97
52) CIS-1,3-DICHLOROPROPENE	5.88	75	75781	8.59	UG/L		98
53) TOLUENE	6.19	91	275167	10.42	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	57850	8.37	UG/L		98
55) ETHYL METHACRYLATE	6.54	41	72797	9.54	UG/L		97
56) 1,1,2-TRICHLOROETHANE	6.60	97	59456	9.90	UG/L		96
57) 2-HEXANONE	6.87	43	667990	112.62	UG/L		99
58) TETRACHLOROETHENE	6.72	164	45876	9.92	UG/L		96
59) 1,3-DICHLOROPROPANE	6.76	76	106081	10.11	UG/L		98
60) DIBROMOCHLOROMETHANE	6.97	129	42600	9.73	UG/L		98
61) 1,2-DIBROMOETHANE	7.07	107	59889	10.09	UG/L		99
64) CHLOROBENZENE	7.56	112	177072	9.90	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.65	131	48169	8.91	UG/L		98
66) ETHYLBENZENE	7.68	91	290561	9.97	UG/L		100
67) M/P-XYLENES	7.79	91	458175	20.62	UG/L		98
68) 0-XYLENE	8.18	91	228602	9.95	UG/L		97
69) STYRENE	8.20	104	181101	10.15	UG/L		98
70) BROMOFORM	8.36	173	23858	7.77	UG/L	#	98
71) ISOPROPYLBENZENE	8.55	105	207185	9.73	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.63	53	27617	8.67	UG/L	#	70
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	82002	9.74	UG/L		100
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	24062	8.38	UG/L	#	83
75) BROMOBENZENE	8.82	77	118398	9.50	UG/L		93
76) 1,2,3-TRICHLOROPROPANE	8.88	110	24847	9.71	UG/L		73
77) N-PROPYLBENZENE	8.95	91	295653	9.74	UG/L		98
78) 2-CHLOROTOLUENE	9.02	91	197826	9.79	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	207978	9.91	UG/L		98
80) 4-CHLOROTOLUENE	9.13	91	226097	9.89	UG/L		99
82) TERT-BUTYLBENZENE	9.45	119	149541	9.22	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	218516	9.97	UG/L		98
84) SEC-BUTYLBENZENE	9.67	105	209655	9.40	UG/L		97
85) 1,3-DICHLOROBENZENE	9.75	146	130271	9.25	UG/L		100
86) P-ISOPROPYLTOLUENE	9.82	119	166317	8.87	UG/L		99
87) 1,4-DICHLOROBENZENE	9.84	146	138052	9.25	UG/L		97
88) N-BUTYLBENZENE	10.22	91	155776	9.06	UG/L		98
89) 1,2-DICHLOROBENZENE	10.21	146	128512	9.20	UG/L		100
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	7866	8.77	UG/L		86
91) 1,3,5-TRICHLOROBENZENE	11.19	180	66197	7.86	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.80	180	52092	6.81	UG/L		100
93) HEXACHLOROBUTADIENE	11.98	225	24595	7.59	UG/L		99
94) NAPHTHALENE	12.04	128	99391	6.24	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.27	180	34783	5.65	UG/L		98

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220031.D
Acq On : 8 Aug 2011 9:12 pm
Operator : LBD/MFF
Sample : 8260STD 10PPB
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 09 04:30:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220031.D
Acq On : 8 Aug 2011 9:12 pm
Operator : LBD/MFF
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Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
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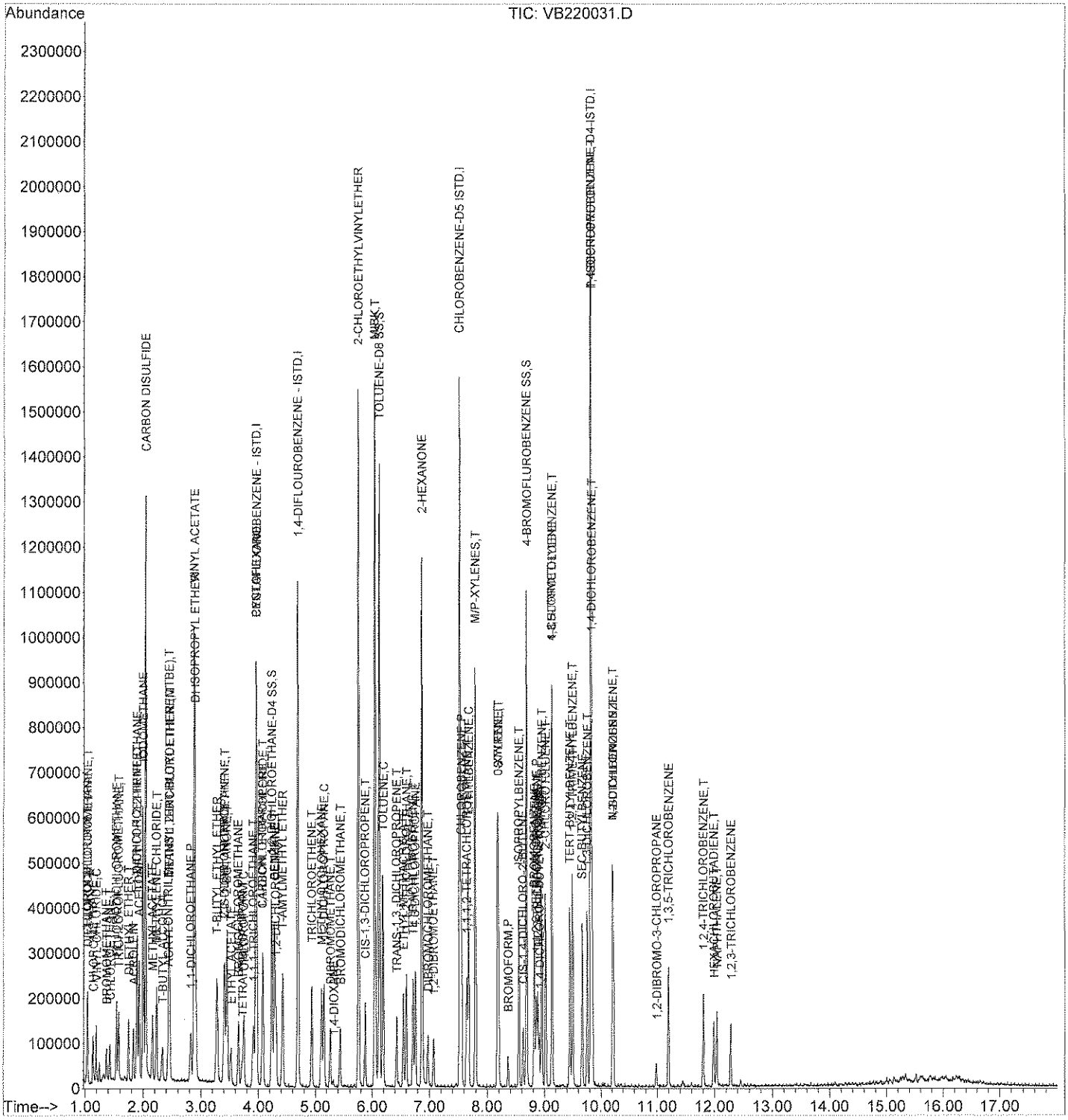


con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

VOLATILES QC DATA

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

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-BLK1	File ID:	VB220036.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/08/11 23:48
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

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

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

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-BLK1	File ID:	VB220036.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/08/11 23:48
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

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

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

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-BLK1	File ID:	VB220036.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/08/11 23:48
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220036.D
Acq On : 8 Aug 2011 11:48 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 36 Sample Multiplier: 1

CHECKED BY: MARK FLANIVE AUG 09 2011

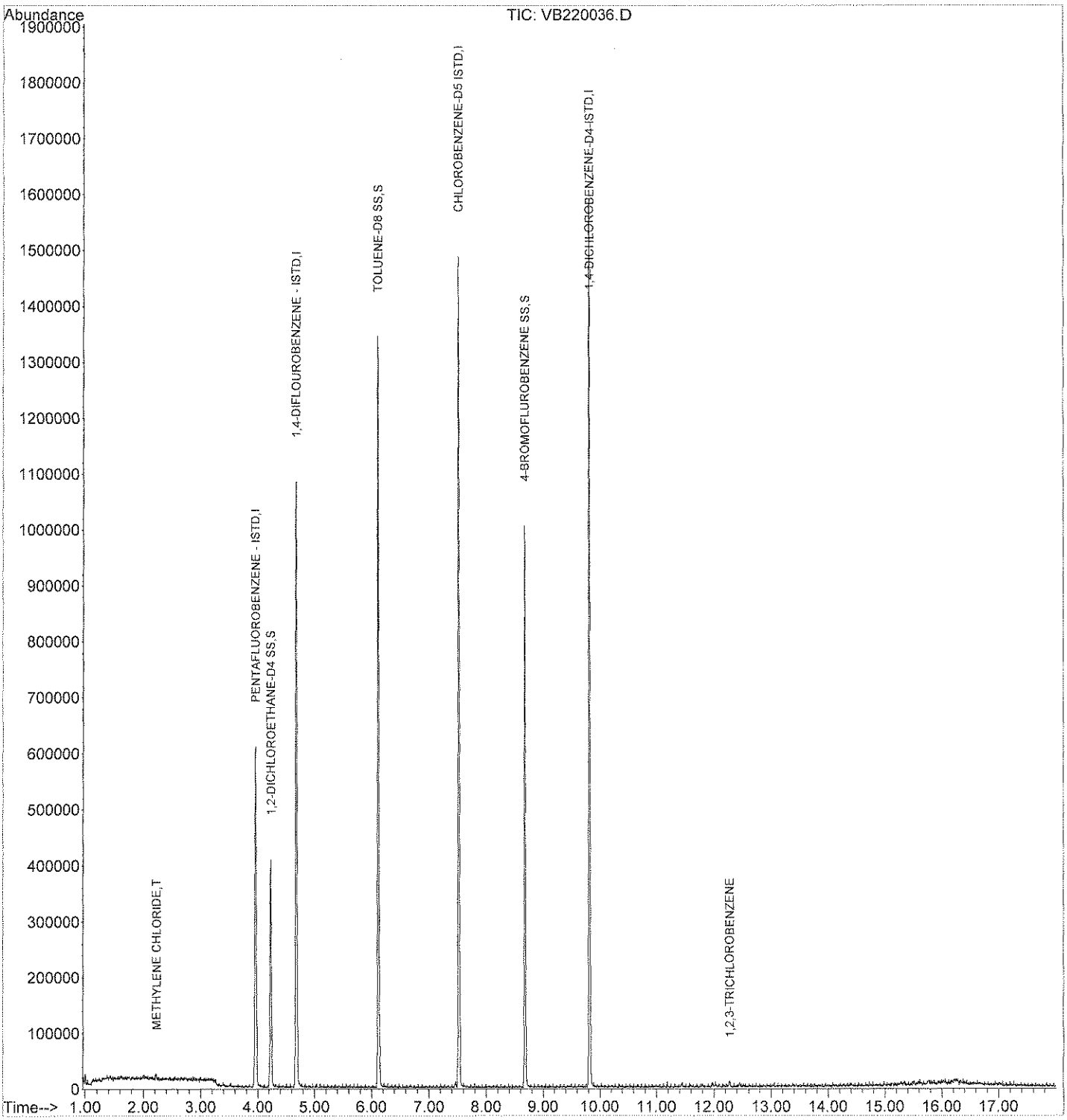
Quant Time: Aug 09 08:37:39 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

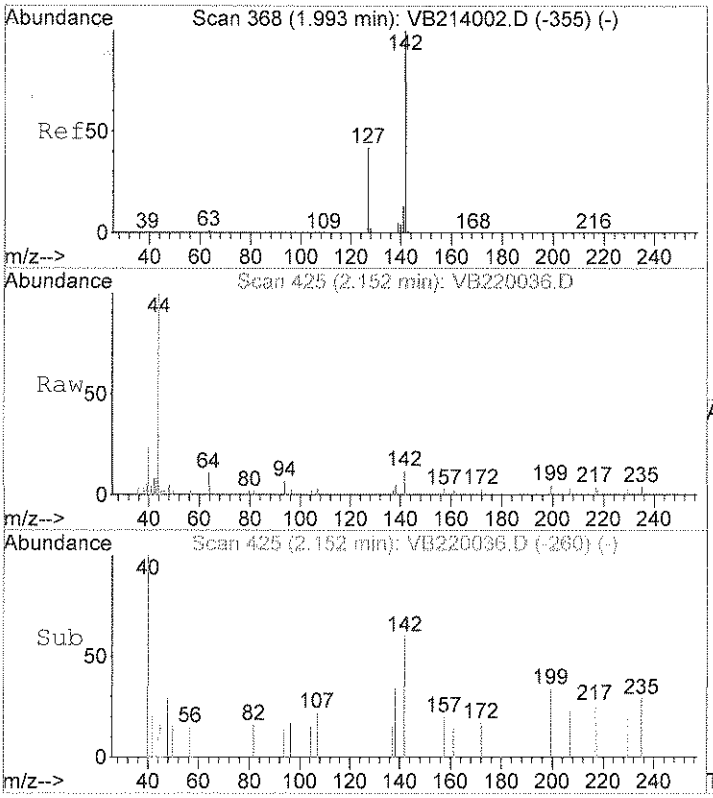
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	350416	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	709203	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	366868	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	327764	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	234254	29.85	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.40%			
42) TOLUENE-D8 SS	6.13	98	692200	25.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.12%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	262441	23.38	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.52%			
Target Compounds						Qvalue
16) IODOMETHANE	2.15	142	566	Below Cal		89
20) METHYLENE CHLORIDE	2.22	49	3897	0.54	UG/L	93
95) 1,2,3-TRICHLOROBENZENE	12.28	180	2203	0.39	UG/L #	87

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

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220036.D
Acq On : 8 Aug 2011 11:48 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 09 08:37:39 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

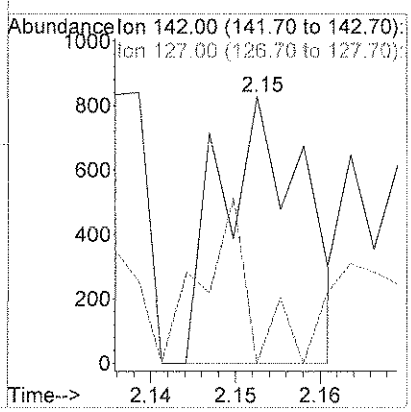


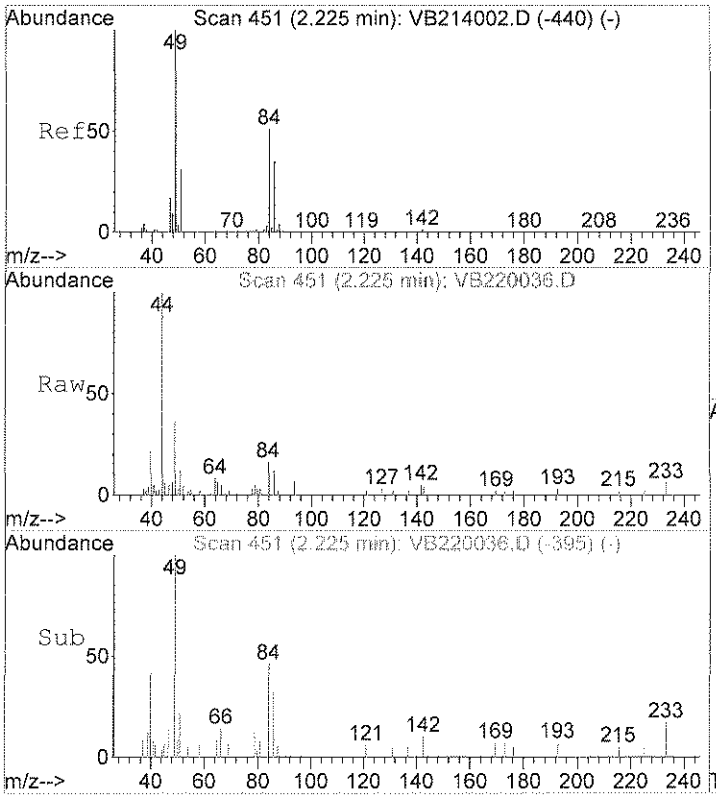


#16
IODOMETHANE
Concen: Below Cal
RT: 2.15 min Scan# 425
Delta R.T. 0.16 min
Lab File: VB220036.D
Acq: 8 Aug 2011 11:48 pm

Tgt Ion:142 Resp: 566

Ion	Ratio	Lower	Upper
142	100		
127	35.9	34.5	51.7

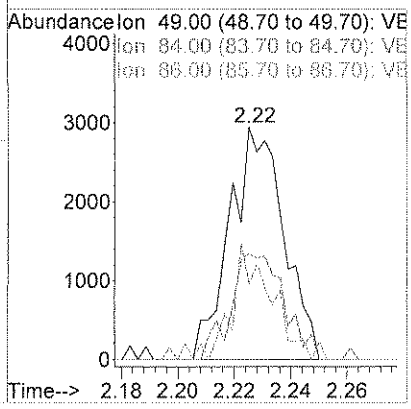


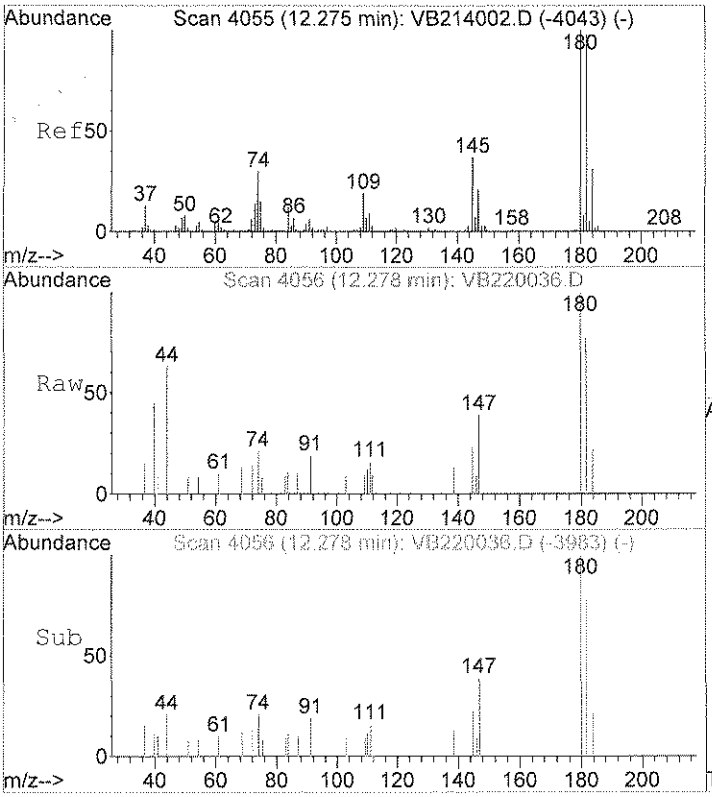


#20
METHYLENE CHLORIDE
Concen: 0.54 UG/L
RT: 2.22 min Scan# 451
Delta R.T. -0.00 min
Lab File: VB220036.D
Acq: 8 Aug 2011 11:48 pm

Tgt Ion: 49 Resp: 3897

Ion	Ratio	Lower	Upper
49	100		
84	44.9	41.1	61.7
86	35.6	26.5	39.7

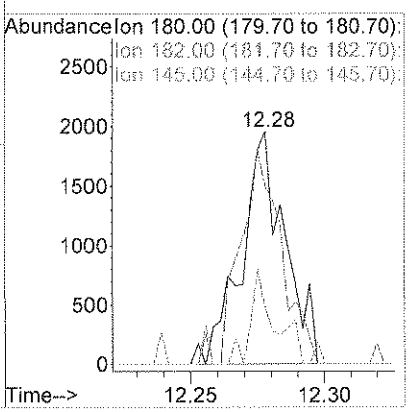




#95
1,2,3-TRICHLOROBENZENE
Concen: 0.39 UG/L
RT: 12.28 min Scan# 4056
Delta R.T. 0.00 min
Lab File: VB220036.D
Acq: 8 Aug 2011 11:48 pm

Tgt Ion:180 Resp: 2203

Ion	Ratio	Lower	Upper
180	100		
182	88.7	81.2	121.8
145	23.2	24.9	37.3#



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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-BS1	File ID:	VB220033.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/08/11 22:15
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	123	0.54	50	
107-13-1	Acrylonitrile	10.7	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.0	0.11	0.50	
71-43-2	Benzene	11.4	0.050	1.0	
108-86-1	Bromobenzene	10.2	0.10	1.0	
74-97-5	Bromochloromethane	11.9	0.10	1.0	
75-27-4	Bromodichloromethane	10.6	0.080	0.50	
75-25-2	Bromoform	8.50	0.25	1.0	
74-83-9	Bromomethane	5.48	0.38	2.0	
78-93-3	2-Butanone (MEK)	111	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	113	3.5	20	V-16
104-51-8	n-Butylbenzene	9.90	0.050	1.0	
135-98-8	sec-Butylbenzene	10.6	0.050	1.0	
98-06-6	tert-Butylbenzene	10.6	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	8.13	0.070	0.50	
75-15-0	Carbon Disulfide	12.0	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.86	0.090	5.0	
108-90-7	Chlorobenzene	10.7	0.050	1.0	
124-48-1	Chlorodibromomethane	10.6	0.12	1.0	
75-00-3	Chloroethane	10.5	0.33	2.0	
67-66-3	Chloroform	11.4	0.040	2.0	
74-87-3	Chloromethane	8.69	0.13	2.0	
95-49-8	2-Chlorotoluene	10.8	0.050	1.0	
106-43-4	4-Chlorotoluene	11.0	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.2	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.3	0.14	0.50	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-BS1	File ID:	VB220033.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/08/11 22:15
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.3	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.2	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.4	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.2	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.15	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.49	0.040	2.0	
75-34-3	1,1-Dichloroethane	12.2	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.6	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.9	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.1	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	13.1	0.070	1.0	L-07
78-87-5	1,2-Dichloropropane	10.6	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.6	0.080	0.50	
594-20-7	2,2-Dichloropropane	9.07	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.5	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	8.92	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.76	0.12	0.50	
60-29-7	Diethyl Ether	12.1	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.1	0.030	0.50	
123-91-1	1,4-Dioxane	107	3.5	50	V-16
100-41-4	Ethylbenzene	11.0	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.38	0.26	1.0	V-05
591-78-6	2-Hexanone (MBK)	111	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.3	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.3	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.6	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-BS1	File ID:	VB220033.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/08/11 22:15
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	12.3	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	110	0.22	10	
91-20-3	Naphthalene	8.42	0.21	2.0	V-05
103-65-1	n-Propylbenzene	10.5	0.040	1.0	
100-42-5	Styrene	11.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.6	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.6	0.18	0.50	
127-18-4	Tetrachloroethylene	10.8	0.14	1.0	
109-99-9	Tetrahydrofuran	9.60	1.0	10	
108-88-3	Toluene	11.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	7.84	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	8.26	0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene	8.61	0.40	1.0	V-05
71-55-6	1,1,1-Trichloroethane	11.3	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.1	0.080	1.0	
79-01-6	Trichloroethylene	11.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.7	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.54	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.4	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.9	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.7	0.060	1.0	
75-01-4	Vinyl Chloride	10.2	0.16	2.0	
108383/106423	m+p Xylene	22.5	0.070	2.0	
95-47-6	o-Xylene	11.1	0.050	1.0	

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220033.D
Acq On : 8 Aug 2011 10:15 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 33 Sample Multiplier: 1

AUG 09 2011

Quant Time: Aug 09 04:31:44 2011
CHECKED BY: MARK FLAHIVE
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	449806	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	752773	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	385963	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	359153	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	246738	24.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.96%				
42) TOLUENE-D8 SS	6.13	98	731473	25.16	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	295152	25.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	68536	9.49	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.04	51	77271	6.27	UG/L		100
5) CHLOROMETHANE	1.13	50	75781	8.69	UG/L		97
6) VINYL CHLORIDE	1.19	62	67208	10.20	UG/L		95
7) BROMOMETHANE	1.37	94	18198	5.48	UG/L		95
8) CHLOROETHANE	1.42	64	36017	10.46	UG/L		96
9) FLUORODICHLOROMETHANE	1.53	67	86750	9.46	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.57	101	79609	10.70	UG/L		99
11) DI ETHYL ETHER	1.74	59	56723	12.06	UG/L		97
12) ACROLEIN	1.83	56	48764	103.26	UG/L	#	96
13) ACETONE	1.93	43	268739	123.36	UG/L		98
14) 1,1-DICHLOROETHENE	1.89	61	94149	11.93	UG/L		96
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.88	101	44785	11.43	UG/L		100
16) IODOMETHANE	1.99	142	85914	2.20	UG/L		97
17) METHYL ACETATE	2.16	43	131300	9.94	UG/L		98
18) T-BUTYL ALCOHOL	2.33	59	55023	113.27	UG/L		93
19) ACRYLONITRILE	2.43	53	32419	10.73	UG/L		94
20) METHYLENE CHLORIDE	2.23	49	114951	12.30	UG/L		99
21) CARBON DISULFIDE	2.04	76	117054	11.98	UG/L		94
22) METHYL TERT-BUTYL ETHER (M	2.45	73	162815	11.59	UG/L		98
23) TRANS 1,2-DICHLOROETHENE	2.44	61	95118	13.08	UG/L		100
24) 1,1-DICHLOROETHANE	2.82	63	113541	12.21	UG/L		99
25) VINYL ACETATE	2.88	43	1452185	108.15	UG/L		97
26) DI ISOPROPYL ETHER	2.91	45	243879	11.07	UG/L		99
27) 2-BUTANONE	3.45	43	467440	110.96	UG/L		97
28) T-BUTYL ETHYL ETHER	3.28	59	173826	8.13	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.41	61	115940	10.10	UG/L		95
30) 2,2-DICHLOROPROPANE	3.41	77	51490	9.07	UG/L		95
31) ETHYL ACETATE	3.52	43	85666	8.33	UG/L		98
32) BROMOCHLOROMETHANE	3.65	128	34391	11.92	UG/L		98
33) TETRAHYDROFURAN	3.71	42	27941	9.60	UG/L	#	61
34) CHLOROFORM	3.74	83	122984	11.41	UG/L		97
35) 1,1,1-TRICHLOROETHANE	3.91	97	86373	11.33	UG/L		97
36) CYCLOHEXANE	3.96	56	115417	10.37	UG/L		92
37) CARBON TETRACHLORIDE	4.07	117	65814	9.86	UG/L		99
38) 1,1-DICHLOROPROPENE	4.07	75	90355	11.51	UG/L		98
39) BENZENE	4.29	78	284738	11.38	UG/L		99

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220033.D
Acq On : 8 Aug 2011 10:15 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 09 04:31:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.43	73	150814	11.01	UG/L	#	88
43) 1,2-DICHLOROETHANE	4.31	62	112619	10.60	UG/L		99
44) TRICHLOROETHENE	4.93	95	73876	11.48	UG/L		93
45) METHYLCYCLOHEXANE	5.11	83	67322	9.47	UG/L		98
46) 1,2-DICHLOROPROPANE	5.15	63	76022	10.58	UG/L		98
47) DIBROMOMETHANE	5.26	93	45838	11.27	UG/L		99
48) 1,4-DIOXANE	5.31	88	5166	106.74	UG/L	#	52
49) BROMODICHLOROMETHANE	5.43	83	68714	10.57	UG/L		96
51) MIBK	6.05	43	974213	110.12	UG/L		98
52) CIS-1,3-DICHLOROPROPENE	5.88	75	81373	8.92	UG/L		98
53) TOLUENE	6.19	91	306205	11.22	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	71678	9.76	UG/L		99
55) ETHYL METHACRYLATE	6.54	41	77938	9.88	UG/L		96
56) 1,1,2-TRICHLOROETHANE	6.60	97	68753	11.08	UG/L		99
57) 2-HEXANONE	6.87	43	677431	110.56	UG/L		99
58) TETRACHLOROETHENE	6.72	164	51531	10.79	UG/L		95
59) 1,3-DICHLOROPROPANE	6.76	76	114963	10.61	UG/L		98
60) DIBROMOCHLOROMETHANE	6.97	129	47945	10.60	UG/L		99
61) 1,2-DIBROMOETHANE	7.07	107	69471	11.33	UG/L		100
64) CHLOROBENZENE	7.56	112	194014	10.74	UG/L		96
65) 1,1,1,2-TETRACHLOROETHANE	7.64	131	57860	10.59	UG/L		96
66) ETHYLBENZENE	7.68	91	322161	10.95	UG/L		99
67) M/P-XYLENES	7.79	91	505185	22.52	UG/L		99
68) O-XYLENE	8.18	91	258025	11.12	UG/L		100
69) STYRENE	8.20	104	202933	11.27	UG/L		97
70) BROMOFORM	8.36	173	27553	8.50	UG/L		97
71) ISOPROPYLBENZENE	8.55	105	265296	12.33	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	24587	7.65	UG/L	#	68
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	90035	10.59	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	23625	8.15	UG/L	#	80
75) BROMOBENZENE	8.82	77	128486	10.21	UG/L		97
76) 1,2,3-TRICHLOROPROPANE	8.88	110	24638	9.54	UG/L		71
77) N-PROPYLBENZENE	8.95	91	321780	10.50	UG/L		99
78) 2-CHLOROTOLUENE	9.02	91	220013	10.78	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.13	105	226620	10.70	UG/L		97
80) 4-CHLOROTOLUENE	9.14	91	255044	11.04	UG/L		99
82) TERT-BUTYLBENZENE	9.45	119	169894	10.55	UG/L		99
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	236813	10.87	UG/L		97
84) SEC-BUTYLBENZENE	9.67	105	234580	10.59	UG/L		97
85) 1,3-DICHLOROBENZENE	9.76	146	144939	10.36	UG/L		98
86) P-ISOPROPYLTOLUENE	9.82	119	190909	10.26	UG/L		100
87) 1,4-DICHLOROBENZENE	9.85	146	151389	10.22	UG/L		97
88) N-BUTYLBENZENE	10.23	91	168956	9.90	UG/L		98
89) 1,2-DICHLOROBENZENE	10.21	146	141405	10.19	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	9098	10.21	UG/L		83
91) 1,3,5-TRICHLOROBENZENE	11.19	180	72086	8.61	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.80	180	62749	8.26	UG/L		95
93) HEXACHLOROBUTADIENE	11.99	225	30163	9.38	UG/L		99
94) NAPHTHALENE	12.04	128	133262	8.42	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.27	180	47950	7.84	UG/L		98

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220033.D
Acq On : 8 Aug 2011 10:15 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 09 04:31:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220033.D
Acq On : 8 Aug 2011 10:15 pm
Operator : LBD/MFF
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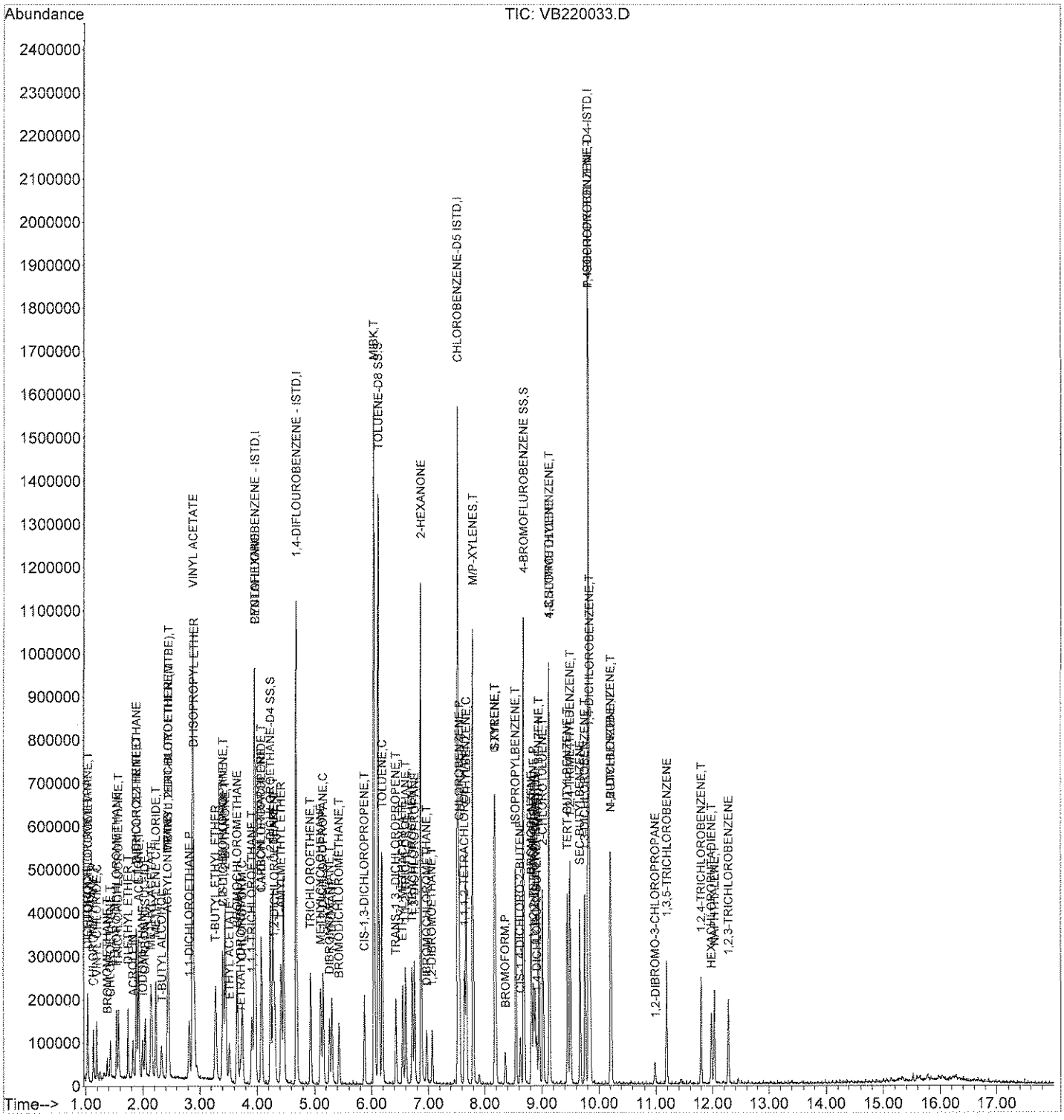

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-BSD1	File ID:	VB220034.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/08/11 22:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	133	0.54	50	
107-13-1	Acrylonitrile	10.8	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.4	0.11	0.50	
71-43-2	Benzene	11.1	0.050	1.0	
108-86-1	Bromobenzene	9.98	0.10	1.0	
74-97-5	Bromochloromethane	12.4	0.10	1.0	
75-27-4	Bromodichloromethane	10.6	0.080	0.50	
75-25-2	Bromoform	8.85	0.25	1.0	
74-83-9	Bromomethane	5.49	0.38	2.0	
78-93-3	2-Butanone (MEK)	121	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	126	3.5	20	V-16
104-51-8	n-Butylbenzene	9.73	0.050	1.0	
135-98-8	sec-Butylbenzene	10.0	0.050	1.0	
98-06-6	tert-Butylbenzene	10.1	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	8.30	0.070	0.50	
75-15-0	Carbon Disulfide	10.5	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.84	0.090	5.0	
108-90-7	Chlorobenzene	10.7	0.050	1.0	
124-48-1	Chlorodibromomethane	10.8	0.12	1.0	
75-00-3	Chloroethane	10.1	0.33	2.0	
67-66-3	Chloroform	10.9	0.040	2.0	
74-87-3	Chloromethane	8.35	0.13	2.0	
95-49-8	2-Chlorotoluene	10.5	0.050	1.0	
106-43-4	4-Chlorotoluene	10.8	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	11.1	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.6	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-BSD1	File ID:	VB220034.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/08/11 22:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.9	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.2	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.3	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.1	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.89	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.40	0.040	2.0	
75-34-3	1,1-Dichloroethane	11.2	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.9	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.1	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.3	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	12.3	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.0	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.0	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.61	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.1	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	8.89	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.94	0.12	0.50	
60-29-7	Diethyl Ether	12.3	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.7	0.030	0.50	
123-91-1	1,4-Dioxane	135	3.5	50	L-07, V-16
100-41-4	Ethylbenzene	10.5	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.41	0.26	1.0	V-05
591-78-6	2-Hexanone (MBK)	122	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.1	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	9.87	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.3	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-BSD1	File ID:	VB220034.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/08/11 22:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.7	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	121	0.22	10	
91-20-3	Naphthalene	9.71	0.21	2.0	V-05
103-65-1	n-Propylbenzene	10.4	0.040	1.0	
100-42-5	Styrene	10.9	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.93	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.9	0.18	0.50	
127-18-4	Tetrachloroethylene	11.1	0.14	1.0	
109-99-9	Tetrahydrofuran	10.6	1.0	10	
108-88-3	Toluene	11.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.92	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	9.01	0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene	8.83	0.40	1.0	V-05
71-55-6	1,1,1-Trichloroethane	11.1	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.5	0.080	1.0	
79-01-6	Trichloroethylene	11.4	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.2	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.85	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.4	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.5	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.4	0.060	1.0	
75-01-4	Vinyl Chloride	9.54	0.16	2.0	
108383/106423	m+p Xylene	22.0	0.070	2.0	
95-47-6	o-Xylene	10.8	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220034.D
Acq On : 8 Aug 2011 10:46 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 34 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 09 2...

Quant Time: Aug 09 04:31:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	445646	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	734693	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	382274	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	358459	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	243165	24.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.44%				
42) TOLUENE-D8 SS	6.13	98	731396	25.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.12%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	288299	24.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.60%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	67281	9.40	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.04	51	71615	5.86	UG/L		97
5) CHLOROMETHANE	1.13	50	72172	8.35	UG/L		98
6) VINYL CHLORIDE	1.19	62	62322	9.54	UG/L		99
7) BROMOMETHANE	1.37	94	18074	5.49	UG/L		98
8) CHLOROETHANE	1.42	64	34368	10.07	UG/L		95
9) FLUORODICHLOROMETHANE	1.54	67	79577	8.76	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.57	101	74873	10.16	UG/L		98
11) DI ETHYL ETHER	1.74	59	57292	12.29	UG/L		99
12) ACROLEIN	1.83	56	48195	103.01	UG/L	#	97
13) ACETONE	1.93	43	286954	132.95	UG/L		99
14) 1,1-DICHLOROETHENE	1.89	61	86770	11.09	UG/L		99
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	40520	10.44	UG/L		97
17) METHYL ACETATE	2.16	43	139898	10.70	UG/L		100
18) T-BUTYL ALCOHOL	2.33	59	60799	126.33	UG/L	#	89
19) ACRYLONITRILE	2.43	53	32356	10.81	UG/L		96
20) METHYLENE CHLORIDE	2.23	49	108078	11.67	UG/L		98
21) CARBON DISULFIDE	2.04	76	101462	10.48	UG/L		97
22) METHYL TERT-BUTYL ETHER (M	2.45	73	156686	11.26	UG/L		98
23) TRANS 1,2-DICHLOROETHENE	2.44	61	88562	12.30	UG/L		100
24) 1,1-DICHLOROETHANE	2.82	63	102787	11.16	UG/L		99
25) VINYL ACETATE	2.89	43	1404921	105.60	UG/L		97
26) DI ISOPROPYL ETHER	2.91	45	233157	10.68	UG/L		100
27) 2-BUTANONE	3.45	43	506240	121.29	UG/L		97
28) T-BUTYL ETHYL ETHER	3.28	59	175977	8.30	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.41	61	116700	10.26	UG/L		95
30) 2,2-DICHLOROPROPANE	3.41	77	48467	8.61	UG/L		95
31) ETHYL ACETATE	3.52	43	91202	8.95	UG/L		99
32) BROMOCHLOROMETHANE	3.65	128	35444	12.40	UG/L		93
33) TETRAHYDROFURAN	3.71	42	30707	10.65	UG/L	#	61
34) CHLOROFORM	3.74	83	116727	10.93	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.91	97	84081	11.13	UG/L		96
36) CYCLOHEXANE	3.96	56	112203	10.17	UG/L		91
37) CARBON TETRACHLORIDE	4.07	117	65077	9.84	UG/L		96
38) 1,1-DICHLOROPROPENE	4.08	75	86121	11.07	UG/L		100
39) BENZENE	4.29	78	276205	11.14	UG/L		100
40) T-AMYLMETHYL ETHER	4.43	73	154126	11.36	UG/L	#	90

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220034.D
Acq On : 8 Aug 2011 10:46 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 09 04:31:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 1,2-DICHLOROETHANE	4.31	62	113091	10.90	UG/L		98
44) TRICHLOROETHENE	4.93	95	71602	11.40	UG/L		94
45) METHYLCYCLOHEXANE	5.11	83	63896	9.21	UG/L		98
46) 1,2-DICHLOROPROPANE	5.16	63	76794	10.95	UG/L		98
47) DIBROMOMETHANE	5.26	93	43260	10.89	UG/L		97
48) 1,4-DIOXANE	5.31	88	6357	134.58	UG/L	#	63
49) BROMODICHLOROMETHANE	5.43	83	67273	10.61	UG/L		99
51) MIBK	6.05	43	1044317	120.95	UG/L		98
52) CIS-1,3-DICHLOROPROPENE	5.88	75	79201	8.89	UG/L		99
53) TOLUENE	6.19	91	295160	11.08	UG/L		99
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	71525	9.94	UG/L		99
55) ETHYL METHACRYLATE	6.54	41	79466	10.33	UG/L		96
56) 1,1,2-TRICHLOROETHANE	6.60	97	69746	11.52	UG/L		99
57) 2-HEXANONE	6.87	43	726600	121.50	UG/L		99
58) TETRACHLOROETHENE	6.72	164	51863	11.13	UG/L		99
59) 1,3-DICHLOROPROPANE	6.76	76	115877	10.95	UG/L		97
60) DIBROMOCHLOROMETHANE	6.97	129	47797	10.83	UG/L		98
61) 1,2-DIBROMOETHANE	7.07	107	69530	11.62	UG/L		98
64) CHLOROBENZENE	7.55	112	191367	10.70	UG/L		96
65) 1,1,1,2-TETRACHLOROETHANE	7.65	131	53724	9.93	UG/L		97
66) ETHYLBENZENE	7.68	91	305424	10.48	UG/L		99
67) M/P-XYLENES	7.80	91	487811	21.95	UG/L		99
68) O-XYLENE	8.18	91	248047	10.79	UG/L		100
69) STYRENE	8.20	104	195174	10.94	UG/L		97
70) BROMOFORM	8.36	173	28903	8.85	UG/L	#	97
71) ISOPROPYLBENZENE	8.55	105	257076	12.07	UG/L		97
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	24840	7.80	UG/L	#	72
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	91780	10.89	UG/L		98
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	22650	7.89	UG/L	#	84
75) BROMOBENZENE	8.82	77	124287	9.98	UG/L		98
76) 1,2,3-TRICHLOROPROPANE	8.88	110	25206	9.85	UG/L		94
77) N-PROPYLBENZENE	8.95	91	316298	10.42	UG/L		98
78) 2-CHLOROTOLUENE	9.02	91	211353	10.46	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	217772	10.38	UG/L		98
80) 4-CHLOROTOLUENE	9.14	91	248287	10.85	UG/L		100
82) TERT-BUTYLBENZENE	9.45	119	162175	10.09	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	228160	10.50	UG/L		99
84) SEC-BUTYLBENZENE	9.67	105	221825	10.04	UG/L		97
85) 1,3-DICHLOROBENZENE	9.75	146	143129	10.26	UG/L		99
86) P-ISOPROPYLTOLUENE	9.82	119	183441	9.87	UG/L		99
87) 1,4-DICHLOROBENZENE	9.85	146	149794	10.13	UG/L		97
88) N-BUTYLBENZENE	10.22	91	165751	9.73	UG/L		96
89) 1,2-DICHLOROBENZENE	10.21	146	141825	10.24	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	9873	11.10	UG/L		86
91) 1,3,5-TRICHLOROBENZENE	11.19	180	73801	8.83	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.80	180	68342	9.01	UG/L		97
93) HEXACHLOROBUTADIENE	11.98	225	30205	9.41	UG/L		98
94) NAPHTHALENE	12.04	128	153286	9.71	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	54470	8.92	UG/L		97

Data Path : C:\MSDCHEM\1\DATA\080811\
Data File : VB220034.D
Acq On : 8 Aug 2011 10:46 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 09 04:31:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDCHEM\1\DATA\080811\
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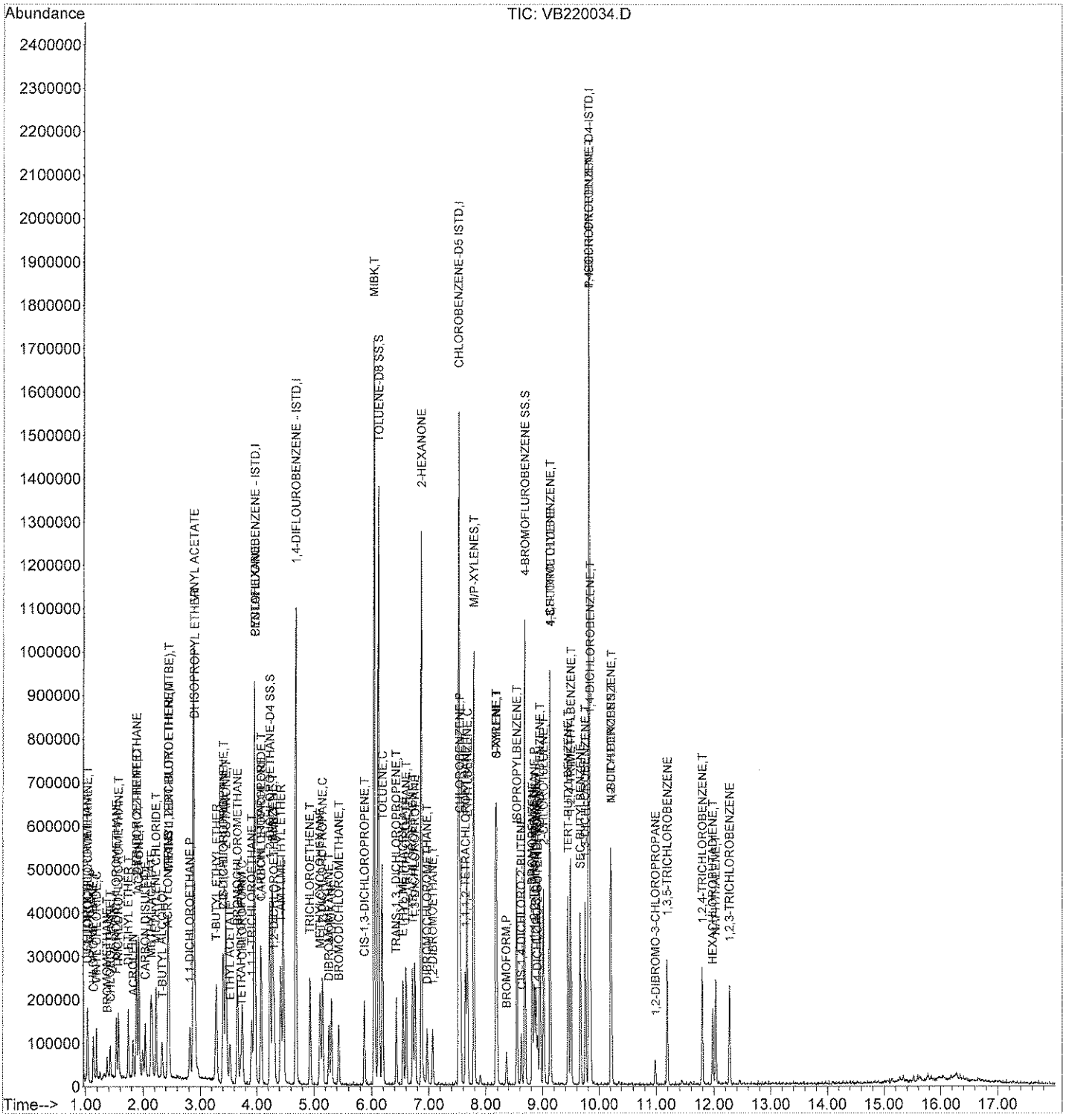

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-MS1	File ID:	VB220045.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/09/11 04:30
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	110	0.54	50	
107-13-1	Acrylonitrile	10.6	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	9.36	0.11	0.50	
71-43-2	Benzene	11.2	0.050	1.0	
108-86-1	Bromobenzene	9.32	0.10	1.0	
74-97-5	Bromochloromethane	11.4	0.10	1.0	
75-27-4	Bromodichloromethane	10.2	0.080	0.50	
75-25-2	Bromoform	8.02	0.25	1.0	
74-83-9	Bromomethane	5.52	0.38	2.0	MS-09
78-93-3	2-Butanone (MEK)	97.0	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	92.4	3.5	20	V-16
104-51-8	n-Butylbenzene	7.42	0.050	1.0	
135-98-8	sec-Butylbenzene	7.98	0.050	1.0	
98-06-6	tert-Butylbenzene	8.24	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	7.34	0.070	0.50	
75-15-0	Carbon Disulfide	10.4	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.63	0.090	5.0	
108-90-7	Chlorobenzene	10.1	0.050	1.0	
124-48-1	Chlorodibromomethane	10.3	0.12	1.0	
75-00-3	Chloroethane	10.5	0.33	2.0	
67-66-3	Chloroform	11.2	0.040	2.0	
74-87-3	Chloromethane	6.73	0.13	2.0	MS-09
95-49-8	2-Chlorotoluene	9.48	0.050	1.0	
106-43-4	4-Chlorotoluene	9.58	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.51	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.8	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-MS1	File ID:	VB220045.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/09/11 04:30
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.8	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	8.93	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	8.73	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	8.71	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	6.69	0.77	2.0	MS-09
75-71-8	Dichlorodifluoromethane (Freon 12)	5.60	0.040	2.0	MS-09
75-34-3	1,1-Dichloroethane	11.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.6	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.8	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.18	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	12.6	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.4	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.3	0.080	0.50	
594-20-7	2,2-Dichloropropane	7.16	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.0	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	7.86	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	8.58	0.12	0.50	
60-29-7	Diethyl Ether	11.6	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.8	0.030	0.50	
123-91-1	1,4-Dioxane	80.1	3.5	50	V-16
100-41-4	Ethylbenzene	9.97	0.050	1.0	
87-68-3	Hexachlorobutadiene	5.37	0.26	1.0	MS-09, V-05
591-78-6	2-Hexanone (MBK)	105	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.5	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	7.95	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.8	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-MS1	File ID:	VB220045.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/09/11 04:30
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.2	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	106	0.22	10	
91-20-3	Naphthalene	4.66	0.21	2.0	MS-09, V-05
103-65-1	n-Propylbenzene	9.07	0.040	1.0	
100-42-5	Styrene	9.61	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.50	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.89	0.18	0.50	
127-18-4	Tetrachloroethylene	10.7	0.14	1.0	
109-99-9	Tetrahydrofuran	8.49	1.0	10	
108-88-3	Toluene	10.8	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	3.88	0.22	5.0	V-05, MS-09
120-82-1	1,2,4-Trichlorobenzene	5.40	0.11	1.0	MS-09, V-05
108-70-3	1,3,5-Trichlorobenzene	6.13	0.40	1.0	MS-09, V-05
71-55-6	1,1,1-Trichloroethane	11.2	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.7	0.080	1.0	
79-01-6	Trichloroethylene	12.0	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.3	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.15	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.6	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.01	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.10	0.060	1.0	
75-01-4	Vinyl Chloride	8.66	0.16	2.0	
108383/106423	m+p Xylene	20.8	0.070	2.0	
95-47-6	o-Xylene	10.1	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220045.D
Acq On : 9 Aug 2011 4:30 am
Operator : LBD/MFF
Sample : 11H0217-03 MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 09 2011

Quant Time: Aug 09 09:01:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	414500	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	680490	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	357301	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	340282	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	230242	24.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.20%				
42) TOLUENE-D8 SS	6.13	98	682492	25.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.88%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	275672	25.22	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.88%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	37289	5.60	UG/L		97
4) DIFLUOROCHLOROMETHANE	1.04	51	56635	4.98	UG/L		100
5) CHLOROMETHANE	1.13	50	54075	6.73	UG/L		98
6) VINYL CHLORIDE	1.19	62	52585	8.66	UG/L		98
7) BROMOMETHANE	1.37	94	16899	5.52	UG/L		98
8) CHLOROETHANE	1.43	64	33410	10.53	UG/L		96
9) FLUORODICHLOROMETHANE	1.53	67	79751	9.44	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.57	101	70895	10.34	UG/L		100
11) DI ETHYL ETHER	1.74	59	50195	11.58	UG/L		96
12) ACROLEIN	1.83	56	89956	206.71	UG/L	#	97
13) ACETONE	1.92	43	221580	110.38	UG/L		100
14) 1,1-DICHLOROETHENE	1.89	61	86102	11.84	UG/L		98
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	41826	11.58	UG/L		100
16) IODOMETHANE	2.00	142	39520	Below Cal			97
17) METHYL ACETATE	2.16	43	95919	7.88	UG/L		98
18) T-BUTYL ALCOHOL	2.33	59	41341	92.35	UG/L	#	83
19) ACRYLONITRILE	2.43	53	29523	10.60	UG/L	#	81
20) METHYLENE CHLORIDE	2.23	49	96238	11.17	UG/L		98
21) CARBON DISULFIDE	2.04	76	93764	10.42	UG/L	#	94
22) METHYL TERT-BUTYL ETHER (M	2.45	73	139179	10.75	UG/L		97
23) TRANS 1,2-DICHLOROETHENE	2.44	61	84087	12.55	UG/L		97
24) 1,1-DICHLOROETHANE	2.82	63	101491	11.84	UG/L		98
25) VINYL ACETATE	2.88	43	1322699	106.89	UG/L		97
26) DI ISOPROPYL ETHER	2.90	45	218926	10.78	UG/L		100
27) 2-BUTANONE	3.45	43	376553	97.00	UG/L		99
28) T-BUTYL ETHYL ETHER	3.27	59	144665	7.34	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.41	61	97190	9.18	UG/L		99
30) 2,2-DICHLOROPROPANE	3.40	77	37450	7.16	UG/L		99
31) ETHYL ACETATE	3.52	43	65908	6.96	UG/L	#	95
32) BROMOCHLOROMETHANE	3.65	128	30209	11.37	UG/L		99
33) TETRAHYDROFURAN	3.71	42	22769	8.49	UG/L	#	54
34) CHLOROFORM	3.74	83	110694	11.15	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.91	97	78481	11.17	UG/L		97
36) CYCLOHEXANE	3.96	56	101441	9.89	UG/L		93
37) CARBON TETRACHLORIDE	4.07	117	59199	9.63	UG/L		99
38) 1,1-DICHLOROPROPENE	4.08	75	79507	10.99	UG/L		99
39) BENZENE	4.28	78	258809	11.22	UG/L		100

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220045.D
Acq On : 9 Aug 2011 4:30 am
Operator : LBD/MFF
Sample : 11H0217-03 MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 09 09:01:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	118149	9.36	UG/L	#	82
43) 1,2-DICHLOROETHANE	4.31	62	101838	10.60	UG/L		99
44) TRICHLOROETHENE	4.93	95	70069	12.04	UG/L		97
45) METHYLCYCLOHEXANE	5.11	83	56425	8.78	UG/L		96
46) 1,2-DICHLOROPROPANE	5.15	63	67883	10.45	UG/L		96
47) DIBROMOMETHANE	5.26	93	39523	10.75	UG/L		98
48) 1,4-DIOXANE	5.31	88	3504	80.09	UG/L	#	68
49) BROMODICHLOROMETHANE	5.43	83	59897	10.20	UG/L		99
51) MIBK	6.05	43	851093	106.42	UG/L		97
52) CIS-1,3-DICHLOROPROPENE	5.88	75	64363	7.86	UG/L		99
53) TOLUENE	6.19	91	266492	10.80	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	55636	8.58	UG/L		97
55) ETHYL METHACRYLATE	6.54	41	67271	9.44	UG/L		97
56) 1,1,2-TRICHLOROETHANE	6.60	97	60164	10.72	UG/L		98
57) 2-HEXANONE	6.87	43	581953	105.06	UG/L		99
58) TETRACHLOROETHENE	6.72	164	46300	10.72	UG/L		99
59) 1,3-DICHLOROPROPANE	6.76	76	101222	10.33	UG/L		97
60) DIBROMOCHLOROMETHANE	6.97	129	42161	10.32	UG/L		99
61) 1,2-DIBROMOETHANE	7.07	107	59695	10.77	UG/L		98
64) CHLOROBENZENE	7.55	112	168669	10.09	UG/L		96
65) 1,1,1,2-TETRACHLOROETHANE	7.65	131	48039	9.50	UG/L		98
66) ETHYLBENZENE	7.68	91	271436	9.97	UG/L		100
67) M/P-XYLENES	7.79	91	432300	20.82	UG/L		100
68) 0-XYLENE	8.18	91	216528	10.08	UG/L		100
69) STYRENE	8.20	104	160184	9.61	UG/L		99
70) BROMOFORM	8.36	173	23419	8.02	UG/L	#	96
71) ISOPROPYLBENZENE	8.55	105	228334	11.47	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	20803	6.99	UG/L	#	64
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	77863	9.89	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	17954	6.69	UG/L	#	83
75) BROMOBENZENE	8.82	77	108568	9.32	UG/L		97
76) 1,2,3-TRICHLOROPROPANE	8.88	110	21891	9.15	UG/L		99
77) N-PROPYLBENZENE	8.95	91	257374	9.07	UG/L		100
78) 2-CHLOROTOLUENE	9.02	91	179104	9.48	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	178534	9.10	UG/L		97
80) 4-CHLOROTOLUENE	9.13	91	204755	9.58	UG/L		100
82) TERT-BUTYLBENZENE	9.45	119	125689	8.24	UG/L		99
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	185978	9.01	UG/L		98
84) SEC-BUTYLBENZENE	9.67	105	167375	7.98	UG/L		99
85) 1,3-DICHLOROBENZENE	9.75	146	115626	8.73	UG/L		98
86) P-ISOPROPYLTOLUENE	9.82	119	140285	7.95	UG/L		98
87) 1,4-DICHLOROBENZENE	9.85	146	122260	8.71	UG/L		96
88) N-BUTYLBENZENE	10.22	91	119997	7.42	UG/L		99
89) 1,2-DICHLOROBENZENE	10.21	146	117490	8.93	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	6339	7.51	UG/L		95
91) 1,3,5-TRICHLOROBENZENE	11.19	180	48597	6.13	UG/L		97
92) 1,2,4-TRICHLOROBENZENE	11.80	180	38875	5.40	UG/L		99
93) HEXACHLOROBUTADIENE	11.99	225	16371	5.37	UG/L		96
94) NAPHTHALENE	12.04	128	69778	4.66	UG/L		100
95) 1,2,3-TRICHLOROBENZENE	12.28	180	22487	3.88	UG/L		98

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220045.D
Acq On : 9 Aug 2011 4:30 am
Operator : LBD/MFF
Sample : 11H0217-03 MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

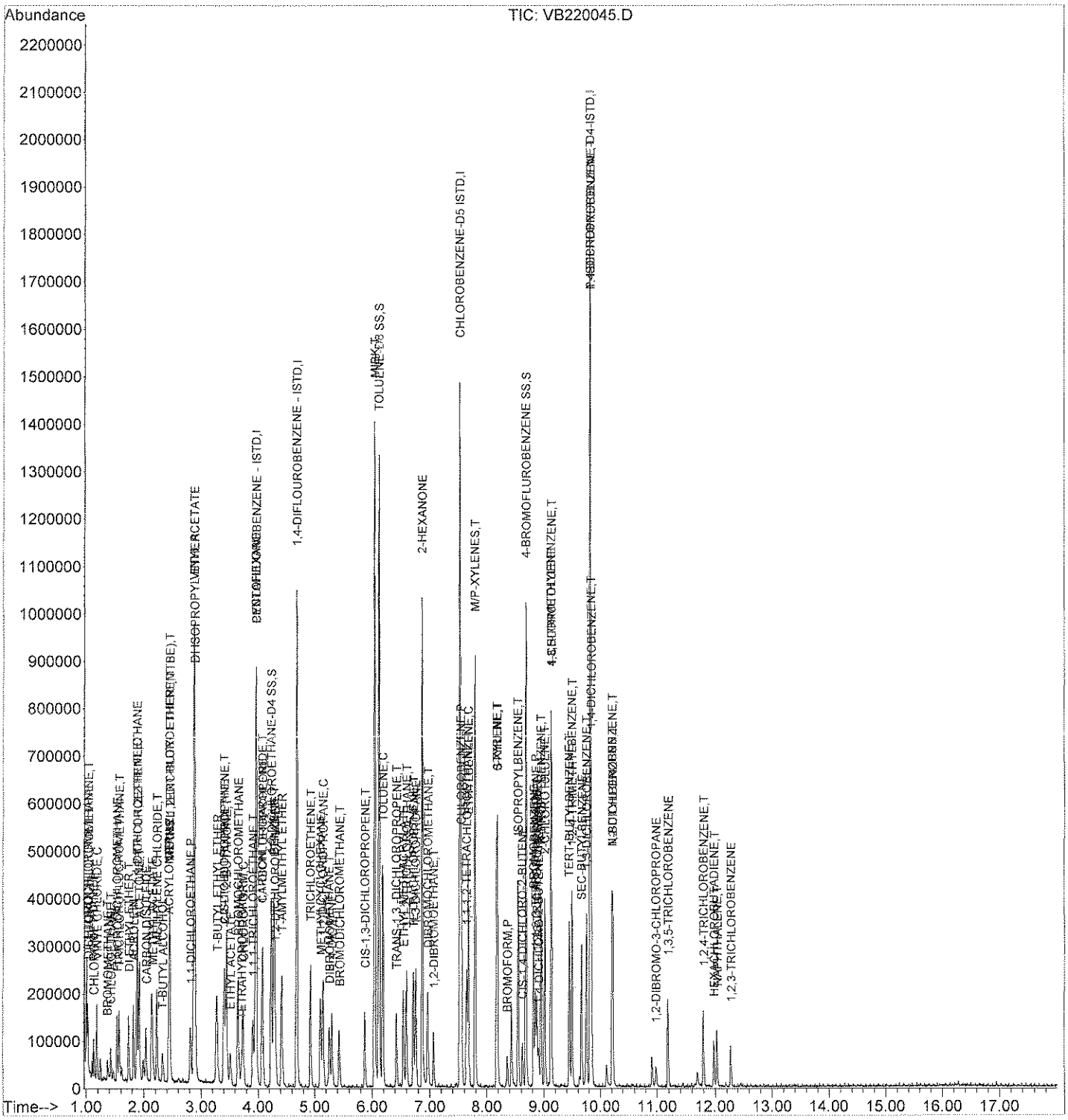
Quant Time: Aug 09 09:01:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220045.D
Acq On : 9 Aug 2011 4:30 am
Operator : LBD/MFF
Sample : 11H0217-03 MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 09 09:01:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-MSD1	File ID:	VB220046.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/09/11 05:01
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	106	0.54	50	
107-13-1	Acrylonitrile	10.4	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	9.11	0.11	0.50	
71-43-2	Benzene	10.8	0.050	1.0	
108-86-1	Bromobenzene	8.80	0.10	1.0	
74-97-5	Bromochloromethane	11.0	0.10	1.0	
75-27-4	Bromodichloromethane	9.38	0.080	0.50	
75-25-2	Bromoform	7.60	0.25	1.0	
74-83-9	Bromomethane	5.24	0.38	2.0	MS-09
78-93-3	2-Butanone (MEK)	98.8	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	92.8	3.5	20	V-16
104-51-8	n-Butylbenzene	7.16	0.050	1.0	
135-98-8	sec-Butylbenzene	7.76	0.050	1.0	
98-06-6	tert-Butylbenzene	7.85	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	7.09	0.070	0.50	
75-15-0	Carbon Disulfide	10.2	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.81	0.090	5.0	
108-90-7	Chlorobenzene	9.62	0.050	1.0	
124-48-1	Chlorodibromomethane	9.05	0.12	1.0	
75-00-3	Chloroethane	10.3	0.33	2.0	
67-66-3	Chloroform	10.6	0.040	2.0	
74-87-3	Chloromethane	6.29	0.13	2.0	MS-09
95-49-8	2-Chlorotoluene	8.77	0.050	1.0	
106-43-4	4-Chlorotoluene	9.26	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.15	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	9.93	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-MSD1	File ID:	VB220046.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/09/11 05:01
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.2	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	8.29	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	8.17	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	8.30	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	6.50	0.77	2.0	MS-09
75-71-8	Dichlorodifluoromethane (Freon 12)	6.37	0.040	2.0	MS-09
75-34-3	1,1-Dichloroethane	11.0	0.090	1.0	
107-06-2	1,2-Dichloroethane	9.74	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.1	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.68	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	12.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.63	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.54	0.080	0.50	
594-20-7	2,2-Dichloropropane	7.14	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.8	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	7.29	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	8.20	0.12	0.50	
60-29-7	Diethyl Ether	10.7	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.1	0.030	0.50	
123-91-1	1,4-Dioxane	78.6	3.5	50	V-16
100-41-4	Ethylbenzene	9.50	0.050	1.0	
87-68-3	Hexachlorobutadiene	5.44	0.26	1.0	MS-09, V-05
591-78-6	2-Hexanone (MBK)	100	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	10.5	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	7.84	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.0	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0217
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035049-MSD1	File ID:	VB220046.D
Sampled:		Prepared:	08/08/11 10:16	Analyzed:	08/09/11 05:01
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035049	Sequence:	S001079	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.5	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	101	0.22	10	
91-20-3	Naphthalene	5.67	0.21	2.0	MS-09, V-05
103-65-1	n-Propylbenzene	8.55	0.040	1.0	
100-42-5	Styrene	9.36	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	8.72	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.17	0.18	0.50	
127-18-4	Tetrachloroethylene	10.1	0.14	1.0	
109-99-9	Tetrahydrofuran	7.69	1.0	10	
108-88-3	Toluene	10.3	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	4.87	0.22	5.0	MS-09, V-05
120-82-1	1,2,4-Trichlorobenzene	5.44	0.11	1.0	MS-09, V-05
108-70-3	1,3,5-Trichlorobenzene	5.84	0.40	1.0	MS-09, V-05
71-55-6	1,1,1-Trichloroethane	10.9	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.0	0.080	1.0	
79-01-6	Trichloroethylene	12.0	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.9	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	8.68	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	13.1	0.11	1.0	MS-24
95-63-6	1,2,4-Trimethylbenzene	8.55	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	8.47	0.060	1.0	
75-01-4	Vinyl Chloride	8.26	0.16	2.0	
108383/106423	m+p Xylene	19.4	0.070	2.0	
95-47-6	o-Xylene	9.26	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220046.D
Acq On : 9 Aug 2011 5:01 am
Operator : LBD/MFF
Sample : 11H0217-03 MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

CHECKED BY: MARK KLAHNE AUG 09 2011

Quant Time: Aug 09 09:02:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	423887	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	700035	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	364251	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	341228	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	232667	24.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
42) TOLUENE-D8 SS	6.13	98	699320	25.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.48%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	279441	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	43330	6.37	UG/L		96
4) DIFLUOROCHLOROMETHANE	1.04	51	58480	5.03	UG/L		99
5) CHLOROMETHANE	1.13	50	51698	6.29	UG/L		99
6) VINYL CHLORIDE	1.19	62	51335	8.26	UG/L		98
7) BROMOMETHANE	1.37	94	16410	5.24	UG/L		95
8) CHLOROETHANE	1.42	64	33485	10.32	UG/L		100
9) FLUORODICHLOROMETHANE	1.53	67	77480	8.97	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.57	101	76229	10.88	UG/L		99
11) DI ETHYL ETHER	1.74	59	47319	10.67	UG/L		97
12) ACROLEIN	1.83	56	76913	172.82	UG/L	#	99
13) ACETONE	1.93	43	218584	106.47	UG/L		97
14) 1,1-DICHLOROETHENE	1.89	61	82896	11.14	UG/L		96
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.88	101	48435	13.12	UG/L		95
16) IODOMETHANE	1.99	142	46426	Below Cal			95
17) METHYL ACETATE	2.16	43	102105	8.21	UG/L		98
18) T-BUTYL ALCOHOL	2.33	59	42486	92.81	UG/L	#	82
19) ACRYLONITRILE	2.43	53	29549	10.38	UG/L		98
20) METHYLENE CHLORIDE	2.23	49	92835	10.54	UG/L		97
21) CARBON DISULFIDE	2.04	76	93571	10.16	UG/L		95
22) METHYL TERT-BUTYL ETHER (M	2.45	73	132817	10.03	UG/L	#	87
23) TRANS 1,2-DICHLOROETHENE	2.44	61	82965	12.11	UG/L		98
24) 1,1-DICHLOROETHANE	2.82	63	96354	11.00	UG/L		97
25) VINYL ACETATE	2.88	43	1329715	105.08	UG/L		97
26) DI ISOPROPYL ETHER	2.90	45	210213	10.13	UG/L		99
27) 2-BUTANONE	3.45	43	392321	98.82	UG/L		100
28) T-BUTYL ETHYL ETHER	3.27	59	142950	7.09	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.41	61	104741	9.68	UG/L		96
30) 2,2-DICHLOROPROPANE	3.40	77	38215	7.14	UG/L	#	93
31) ETHYL ACETATE	3.52	43	69672	7.19	UG/L		97
32) BROMOCHLOROMETHANE	3.65	128	30026	11.05	UG/L		94
33) TETRAHYDROFURAN	3.71	42	21111	7.69	UG/L	#	60
34) CHLOROFORM	3.74	83	107189	10.55	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.91	97	78210	10.89	UG/L		95
36) CYCLOHEXANE	3.96	56	113752	10.84	UG/L		95
37) CARBON TETRACHLORIDE	4.07	117	61707	9.81	UG/L		97
38) 1,1-DICHLOROPROPENE	4.08	75	79569	10.75	UG/L		98
39) BENZENE	4.29	78	253485	10.75	UG/L		100

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Data File : VB220046.D
Acq On : 9 Aug 2011 5:01 am
Operator : LBD/MFF
Sample : 11H0217-03 MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 09 09:02:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.43	73	117618	9.11	UG/L	#	83
43) 1,2-DICHLOROETHANE	4.31	62	96283	9.74	UG/L		98
44) TRICHLOROETHENE	4.93	95	71876	12.01	UG/L		100
45) METHYLCYCLOHEXANE	5.11	83	71047	10.75	UG/L		95
46) 1,2-DICHLOROPROPANE	5.15	63	64365	9.63	UG/L		96
47) DIBROMOMETHANE	5.26	93	38684	10.22	UG/L		97
48) 1,4-DIOXANE	5.31	88	3540	78.65	UG/L	#	33
49) BROMODICHLOROMETHANE	5.43	83	56689	9.38	UG/L		99
51) MIBK	6.05	43	834923	101.49	UG/L		97
52) CIS-1,3-DICHLOROPROPENE	5.87	75	61143	7.29	UG/L		100
53) TOLUENE	6.19	91	261782	10.31	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	54265	8.20	UG/L		98
55) ETHYL METHACRYLATE	6.54	41	64186	8.75	UG/L		96
56) 1,1,2-TRICHLOROETHANE	6.60	97	57913	10.03	UG/L		98
57) 2-HEXANONE	6.87	43	571851	100.36	UG/L		99
58) TETRACHLOROETHENE	6.71	164	44822	10.09	UG/L		98
59) 1,3-DICHLOROPROPANE	6.76	76	96170	9.54	UG/L		98
60) DIBROMOCHLOROMETHANE	6.97	129	38033	9.05	UG/L		97
61) 1,2-DIBROMOETHANE	7.07	107	56615	9.93	UG/L		100
64) CHLOROBENZENE	7.56	112	164004	9.62	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.64	131	44942	8.72	UG/L		96
66) ETHYLBENZENE	7.68	91	263679	9.50	UG/L		100
67) M/P-XYLENES	7.79	91	411606	19.44	UG/L		99
68) 0-XYLENE	8.18	91	202787	9.26	UG/L		99
69) STYRENE	8.19	104	159154	9.36	UG/L		98
70) BROMOFORM	8.36	173	21995	7.60	UG/L	#	98
71) ISOPROPYLBENZENE	8.55	105	213707	10.53	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	19912	6.56	UG/L	#	63
73) 1,1,2,2-TETRACHLOROETHANE	8.85	83	73574	9.17	UG/L		100
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	17777	6.50	UG/L	#	81
75) BROMOBENZENE	8.82	77	104516	8.80	UG/L		95
76) 1,2,3-TRICHLOROPROPANE	8.89	110	21167	8.68	UG/L		83
77) N-PROPYLBENZENE	8.95	91	247099	8.55	UG/L		100
78) 2-CHLOROTOLUENE	9.02	91	168901	8.77	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	169344	8.47	UG/L		97
80) 4-CHLOROTOLUENE	9.13	91	201768	9.26	UG/L		99
82) TERT-BUTYLBENZENE	9.45	119	120073	7.85	UG/L		100
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	176991	8.55	UG/L		97
84) SEC-BUTYLBENZENE	9.67	105	163333	7.76	UG/L		97
85) 1,3-DICHLOROBENZENE	9.76	146	108574	8.17	UG/L		99
86) P-ISOPROPYLTOLUENE	9.82	119	138660	7.84	UG/L		99
87) 1,4-DICHLOROBENZENE	9.85	146	116862	8.30	UG/L		97
88) N-BUTYLBENZENE	10.22	91	116058	7.16	UG/L		98
89) 1,2-DICHLOROBENZENE	10.21	146	109374	8.29	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.99	75	6903	8.15	UG/L		88
91) 1,3,5-TRICHLOROBENZENE	11.19	180	46417	5.84	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.80	180	39232	5.44	UG/L		98
93) HEXACHLOROBUTADIENE	11.98	225	16636	5.44	UG/L		95
94) NAPHTHALENE	12.04	128	85286	5.67	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	28290	4.87	UG/L		95

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Operator : LBD/MFF
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Misc :
ALS Vial : 46 Sample Multiplier: 1

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Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDChem\1\DATA\080811\
Data File : VB220046.D
Acq On : 9 Aug 2011 5:01 am
Operator : LBD/MFF
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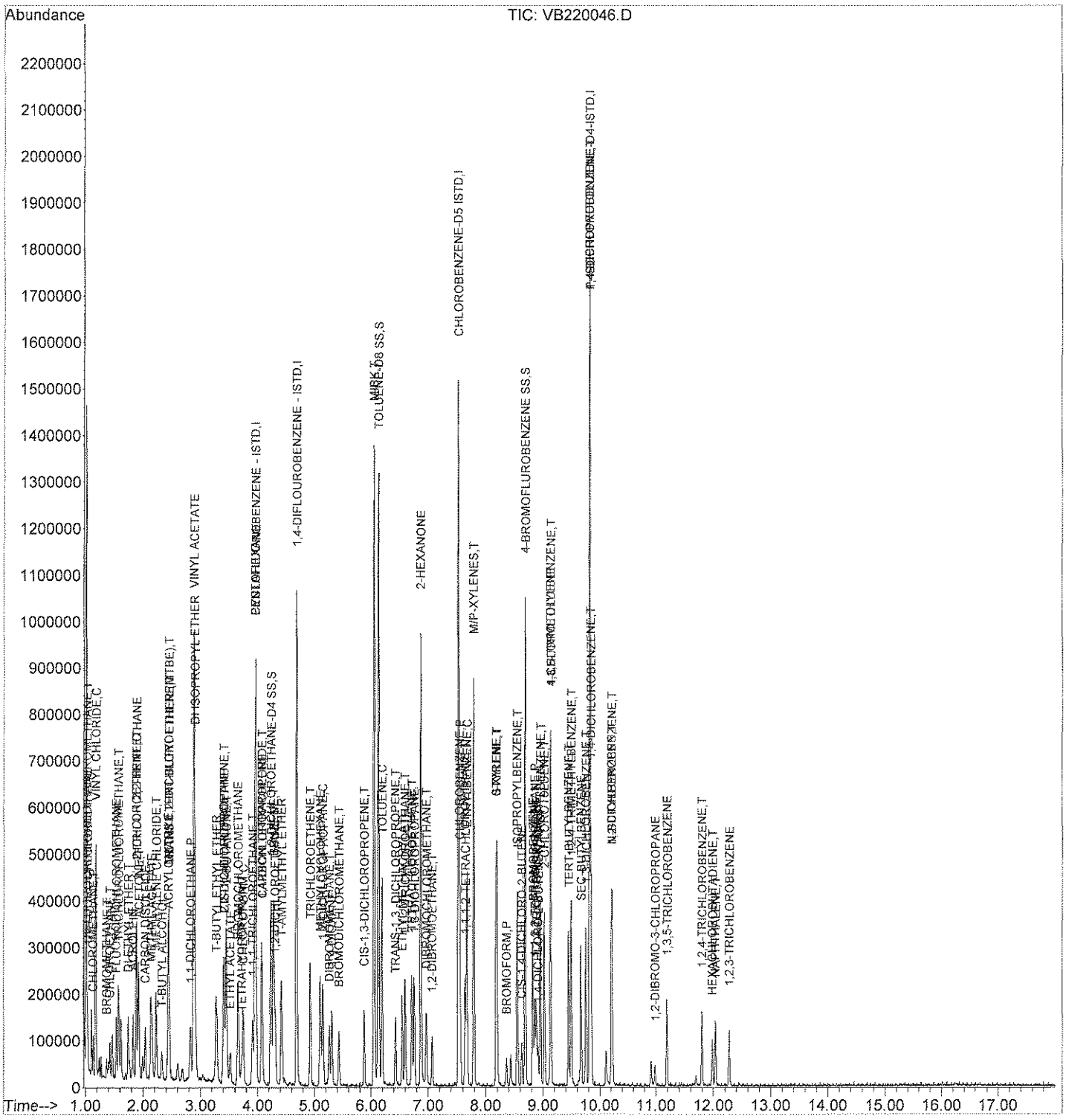


con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

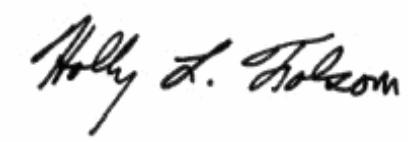
August 12, 2011

Brian Cervi
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.02
Laboratory Work Order Number: 11H0217

Enclosed are results of analyses for samples received by the laboratory on August 5, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

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

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Brian Cervi

REPORT DATE: 8/12/2011

PURCHASE ORDER NUMBER: 002699.ID25.02

PROJECT NUMBER: 002699.ID25.02

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0217

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

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-08022011	11H0217-01	Ground Water		SW-846 8260C	
PW18-25	11H0217-02	Ground Water		SW-846 8260C	
PW18-50	11H0217-03	Ground Water		SW-846 8260C	
PW18-75	11H0217-04	Ground Water		SW-846 8260C	
PW18-100	11H0217-05	Ground Water		SW-846 8260C	
PW18-125	11H0217-06	Ground Water		SW-846 8260C	
PW18-150	11H0217-07	Ground Water		SW-846 8260C	
PW18-175	11H0217-08	Ground Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

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

SW-846 8260C

Qualifications:

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

Analyte & Samples(s) Qualified:

1,4-Dioxane, trans-1,2-Dichloroethylene

B035049-BSD1, B035049-BS1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3,5-Trichlorobenzene, Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12), Hexachlorobutadiene, Naphthalene, trans-1,4-Dichloro-2-butene

11H0217-03[PW18-50], B035049-MS1, B035049-MSD1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)

B035049-MSD1

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3,5-Trichlorobenzene, Hexachlorobutadiene, Naphthalene

11H0217-01[TB-08022011], 11H0217-02[PW18-25], 11H0217-03[PW18-50], 11H0217-04[PW18-75], 11H0217-05[PW18-100], 11H0217-06[PW18-125], 11H0217-07[PW18-150], 11H0217-08[PW18-175], B035049-BLK1, B035049-BS1, B035049-BSD1, B035049-MS1, B035049-MSD1

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

Analyte & Samples(s) Qualified:

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

11H0217-01[TB-08022011], 11H0217-02[PW18-25], 11H0217-03[PW18-50], 11H0217-04[PW18-75], 11H0217-05[PW18-100], 11H0217-06[PW18-125], 11H0217-07[PW18-150], 11H0217-08[PW18-175], B035049-BLK1, B035049-BS1, B035049-BSD1, B035049-MS1, B035049-MSD1

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

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

Michael A. Erickson
Laboratory Director

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: TB-08022011 | Sampled: 8/2/2011 07:30

Sample ID: 11H0217-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 0:20	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: TB-08022011 | Sampled: 8/2/2011 07:30

Sample ID: 11H0217-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:20	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:20	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		8/9/11 0:20
Toluene-d8	121	70-130		8/9/11 0:20
4-Bromofluorobenzene	95.0	70-130		8/9/11 0:20

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-25 | Sampled: 8/2/2011 16:10

Sample ID: 11H0217-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 0:51	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-25 | Sampled: 8/2/2011 16:10

Sample ID: 11H0217-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:51	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:51	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 0:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		8/9/11 0:51
Toluene-d8	102	70-130		8/9/11 0:51
4-Bromofluorobenzene	97.6	70-130		8/9/11 0:51

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-50 | Sampled: 8/2/2011 16:43

Sample ID: 11H0217-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Bromomethane	ND	2.0	µg/L	1	MS-09	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Chloromethane	ND	2.0	µg/L	1	MS-09	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	MS-09	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	MS-09	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-50 | Sampled: 8/2/2011 16:43

Sample ID: 11H0217-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1	MS-09, V-05	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Naphthalene	ND	2.0	µg/L	1	MS-09, V-05	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	MS-09, V-05	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	MS-09, V-05	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05, MS-09	SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		8/9/11 1:23
Toluene-d8	101	70-130		8/9/11 1:23
4-Bromofluorobenzene	101	70-130		8/9/11 1:23

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-75 | Sampled: 8/3/2011 10:20

Sample ID: 11H0217-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Benzene	1.5	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 1:54	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-75 | Sampled: 8/3/2011 10:20

Sample ID: 11H0217-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 1:54	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 1:54	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 1:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		8/9/11 1:54
Toluene-d8	101	70-130		8/9/11 1:54
4-Bromofluorobenzene	97.1	70-130		8/9/11 1:54

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-100 | Sampled: 8/3/2011 15:35

Sample ID: 11H0217-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 2:25	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-100 | Sampled: 8/3/2011 15:35

Sample ID: 11H0217-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:25	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Methyl tert-Butyl Ether (MTBE)	1.4	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:25	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Tetrachloroethylene	5.2	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		8/9/11 2:25
Toluene-d8	101	70-130		8/9/11 2:25
4-Bromofluorobenzene	99.1	70-130		8/9/11 2:25

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-125 | Sampled: 8/3/2011 17:50

Sample ID: 11H0217-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 2:56	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-125 | Sampled: 8/3/2011 17:50

Sample ID: 11H0217-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:56	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:56	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Tetrachloroethylene	74	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Trichloroethylene	1.6	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 2:56	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		8/9/11 2:56
Toluene-d8	101	70-130		8/9/11 2:56
4-Bromofluorobenzene	97.2	70-130		8/9/11 2:56

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-150 | Sampled: 8/3/2011 13:35

Sample ID: 11H0217-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 3:27	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-150 | Sampled: 8/3/2011 13:35

Sample ID: 11H0217-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:27	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:27	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	102	70-130		8/9/11	3:27
Toluene-d8	100	70-130		8/9/11	3:27
4-Bromofluorobenzene	96.7	70-130		8/9/11	3:27

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-175 | Sampled: 8/3/2011 16:25

Sample ID: 11H0217-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 3:58	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,1-Dichloroethane	1.9	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0217

Date Received: 8/5/2011

Field Sample #: PW18-175 | Sampled: 8/3/2011 16:25

Sample ID: 11H0217-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:58	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:58	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Tetrachloroethylene	54	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/8/11	8/9/11 3:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	102	70-130		8/9/11 3:58	
Toluene-d8	101	70-130		8/9/11 3:58	
4-Bromofluorobenzene	93.9	70-130		8/9/11 3:58	

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0217-01 [TB-08022011]	B035049	5	5.00	08/08/11
11H0217-02 [PW18-25]	B035049	5	5.00	08/08/11
11H0217-03 [PW18-50]	B035049	5	5.00	08/08/11
11H0217-04 [PW18-75]	B035049	5	5.00	08/08/11
11H0217-05 [PW18-100]	B035049	5	5.00	08/08/11
11H0217-06 [PW18-125]	B035049	5	5.00	08/08/11
11H0217-07 [PW18-150]	B035049	5	5.00	08/08/11
11H0217-08 [PW18-175]	B035049	5	5.00	08/08/11

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035049 - SW-846 5030B										
Blank (B035049-BLK1)				Prepared & Analyzed: 08/08/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	1.0	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	1.0	µg/L							V-05
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B035049 - SW-846 5030B											
Blank (B035049-BLK1)				Prepared & Analyzed: 08/08/11							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L							V-05	
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L							V-05	
1,2,4-Trichlorobenzene	ND	1.0	µg/L							V-05	
1,3,5-Trichlorobenzene	ND	1.0	µg/L							V-05	
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*29.8*		µg/L	25.0		119	70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*23.4*		µg/L	25.0		93.5	70-130				
LCS (B035049-BS1)				Prepared & Analyzed: 08/08/11							
Acetone	123	50	µg/L	100		123	70-160				†
Acrylonitrile	10.7	5.0	µg/L	10.0		107	70-130				
tert-Amyl Methyl Ether (TAME)	11.0	0.50	µg/L	10.0		110	70-130				
Benzene	11.4	1.0	µg/L	10.0		114	70-130				
Bromobenzene	10.2	1.0	µg/L	10.0		102	70-130				
Bromochloromethane	11.9	1.0	µg/L	10.0		119	70-130				
Bromodichloromethane	10.6	0.50	µg/L	10.0		106	70-130				
Bromoform	8.50	1.0	µg/L	10.0		85.0	70-130				
Bromomethane	5.48	2.0	µg/L	10.0		54.8	40-160				†
2-Butanone (MEK)	111	20	µg/L	100		111	40-160				†
tert-Butyl Alcohol (TBA)	113	20	µg/L	100		113	40-160			V-16	†
n-Butylbenzene	9.90	1.0	µg/L	10.0		99.0	70-130				
sec-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
tert-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
tert-Butyl Ethyl Ether (TBEE)	8.13	0.50	µg/L	10.0		81.3	70-130				
Carbon Disulfide	12.0	2.0	µg/L	10.0		120	70-130				
Carbon Tetrachloride	9.86	5.0	µg/L	10.0		98.6	70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
Chlorodibromomethane	10.6	1.0	µg/L	10.0		106	70-130				
Chloroethane	10.5	2.0	µg/L	10.0		105	70-130				
Chloroform	11.4	2.0	µg/L	10.0		114	70-130				
Chloromethane	8.69	2.0	µg/L	10.0		86.9	40-160				†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B035049 - SW-846 5030B												
LCS (B035049-BS1)				Prepared & Analyzed: 08/08/11								
4-Chlorotoluene	11.0	1.0	µg/L	10.0		110		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.2	5.0	µg/L	10.0		102		70-130				
1,2-Dibromoethane (EDB)	11.3	0.50	µg/L	10.0		113		70-130				
Dibromomethane	11.3	1.0	µg/L	10.0		113		70-130				
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130				
1,3-Dichlorobenzene	10.4	1.0	µg/L	10.0		104		70-130				
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130				
trans-1,4-Dichloro-2-butene	8.15	2.0	µg/L	10.0		81.5		70-130				
Dichlorodifluoromethane (Freon 12)	9.49	2.0	µg/L	10.0		94.9		40-160				†
1,1-Dichloroethane	12.2	1.0	µg/L	10.0		122		70-130				
1,2-Dichloroethane	10.6	1.0	µg/L	10.0		106		70-130				
1,1-Dichloroethylene	11.9	1.0	µg/L	10.0		119		70-130				
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101		70-130				
trans-1,2-Dichloroethylene	13.1	1.0	µg/L	10.0		**131**	*	70-130			L-07	
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106		70-130				
1,3-Dichloropropane	10.6	0.50	µg/L	10.0		106		70-130				
2,2-Dichloropropane	9.07	1.0	µg/L	10.0		90.7		40-130				†
1,1-Dichloropropene	11.5	2.0	µg/L	10.0		115		70-130				
cis-1,3-Dichloropropene	8.92	0.50	µg/L	10.0		89.2		70-130				
trans-1,3-Dichloropropene	9.76	0.50	µg/L	10.0		97.6		70-130				
Diethyl Ether	12.1	2.0	µg/L	10.0		121		70-130				
Diisopropyl Ether (DIPE)	11.1	0.50	µg/L	10.0		111		70-130				
1,4-Dioxane	107	50	µg/L	100		107		40-130			V-16	†
Ethylbenzene	11.0	1.0	µg/L	10.0		110		70-130				
Hexachlorobutadiene	9.38	1.0	µg/L	10.0		93.8		70-130			V-05	
2-Hexanone (MBK)	111	10	µg/L	100		111		70-160				†
Isopropylbenzene (Cumene)	12.3	1.0	µg/L	10.0		123		70-130				
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.0		103		70-130				
Methyl tert-Butyl Ether (MTBE)	11.6	1.0	µg/L	10.0		116		70-130				
Methylene Chloride	12.3	5.0	µg/L	10.0		123		70-130				
4-Methyl-2-pentanone (MIBK)	110	10	µg/L	100		110		70-160				†
Naphthalene	8.42	2.0	µg/L	10.0		84.2		40-130			V-05	†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
Styrene	11.3	1.0	µg/L	10.0		113		70-130				
1,1,1,2-Tetrachloroethane	10.6	1.0	µg/L	10.0		106		70-130				
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0		106		70-130				
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108		70-130				
Tetrahydrofuran	9.60	10	µg/L	10.0		96.0		70-130				
Toluene	11.2	1.0	µg/L	10.0		112		70-130				
1,2,3-Trichlorobenzene	7.84	5.0	µg/L	10.0		78.4		70-130			V-05	
1,2,4-Trichlorobenzene	8.26	1.0	µg/L	10.0		82.6		70-130			V-05	
1,3,5-Trichlorobenzene	8.61	1.0	µg/L	10.0		86.1		70-130			V-05	
1,1,1-Trichloroethane	11.3	1.0	µg/L	10.0		113		70-130				
1,1,2-Trichloroethane	11.1	1.0	µg/L	10.0		111		70-130				
Trichloroethylene	11.5	1.0	µg/L	10.0		115		70-130				
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107		70-130				
1,2,3-Trichloropropane	9.54	2.0	µg/L	10.0		95.4		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4	1.0	µg/L	10.0		114		70-130				
1,2,4-Trimethylbenzene	10.9	1.0	µg/L	10.0		109		70-130				
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.0		107		70-130				
Vinyl Chloride	10.2	2.0	µg/L	10.0		102		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B035049 - SW-846 5030B											
LCS (B035049-BS1)				Prepared & Analyzed: 08/08/11							
m+p Xylene	22.5	2.0	µg/L	20.0		113	70-130				
o-Xylene	11.1	1.0	µg/L	10.0		111	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		98.0	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100	70-130				
LCS Dup (B035049-BSD1)				Prepared & Analyzed: 08/08/11							
Acetone	133	50	µg/L	100		133	70-160	7.48	25		†
Acrylonitrile	10.8	5.0	µg/L	10.0		108	70-130	0.743	25		
tert-Amyl Methyl Ether (TAME)	11.4	0.50	µg/L	10.0		114	70-130	3.13	25		
Benzene	11.1	1.0	µg/L	10.0		111	70-130	2.13	25		
Bromobenzene	9.98	1.0	µg/L	10.0		99.8	70-130	2.28	25		
Bromochloromethane	12.4	1.0	µg/L	10.0		124	70-130	3.95	25		
Bromodichloromethane	10.6	0.50	µg/L	10.0		106	70-130	0.378	25		
Bromoform	8.85	1.0	µg/L	10.0		88.5	70-130	4.03	25		
Bromomethane	5.49	2.0	µg/L	10.0		54.9	40-160	0.182	25		†
2-Butanone (MEK)	121	20	µg/L	100		121	40-160	8.90	25		†
tert-Butyl Alcohol (TBA)	126	20	µg/L	100		126	40-160	10.9	25	V-16	†
n-Butylbenzene	9.73	1.0	µg/L	10.0		97.3	70-130	1.73	25		
sec-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130	5.33	25		
tert-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130	4.46	25		
tert-Butyl Ethyl Ether (TBEE)	8.30	0.50	µg/L	10.0		83.0	70-130	2.07	25		
Carbon Disulfide	10.5	2.0	µg/L	10.0		105	70-130	13.4	25		
Carbon Tetrachloride	9.84	5.0	µg/L	10.0		98.4	70-130	0.203	25		
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	0.373	25		
Chlorodibromomethane	10.8	1.0	µg/L	10.0		108	70-130	2.15	25		
Chloroethane	10.1	2.0	µg/L	10.0		101	70-130	3.80	25		
Chloroform	10.9	2.0	µg/L	10.0		109	70-130	4.30	25		
Chloromethane	8.35	2.0	µg/L	10.0		83.5	40-160	3.99	25		†
2-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130	3.01	25		
4-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130	1.74	25		
1,2-Dibromo-3-chloropropane (DBCP)	11.1	5.0	µg/L	10.0		111	70-130	8.35	25		
1,2-Dibromoethane (EDB)	11.6	0.50	µg/L	10.0		116	70-130	2.53	25		
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130	3.43	25		
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	0.489	25		
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	0.970	25		
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	0.885	25		
trans-1,4-Dichloro-2-butene	7.89	2.0	µg/L	10.0		78.9	70-130	3.24	25		
Dichlorodifluoromethane (Freon 12)	9.40	2.0	µg/L	10.0		94.0	40-160	0.953	25		†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112	70-130	8.99	25		
1,2-Dichloroethane	10.9	1.0	µg/L	10.0		109	70-130	2.79	25		
1,1-Dichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	7.30	25		
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	1.57	25		
trans-1,2-Dichloroethylene	12.3	1.0	µg/L	10.0		123	70-130	6.15	25		
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110	70-130	3.44	25		
1,3-Dichloropropane	11.0	0.50	µg/L	10.0		110	70-130	3.15	25		
2,2-Dichloropropane	8.61	1.0	µg/L	10.0		86.1	40-130	5.20	25		†
1,1-Dichloropropene	11.1	2.0	µg/L	10.0		111	70-130	3.90	25		
cis-1,3-Dichloropropene	8.89	0.50	µg/L	10.0		88.9	70-130	0.337	25		
trans-1,3-Dichloropropene	9.94	0.50	µg/L	10.0		99.4	70-130	1.83	25		
Diethyl Ether	12.3	2.0	µg/L	10.0		123	70-130	1.89	25		
Diisopropyl Ether (DIPE)	10.7	0.50	µg/L	10.0		107	70-130	3.59	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B035049 - SW-846 5030B												
LCS Dup (B035049-BSD1)				Prepared & Analyzed: 08/08/11								
1,4-Dioxane	135	50	µg/L	100		**135**	*	40-130	23.1	50	L-07, V-16	† ‡
Ethylbenzene	10.5	1.0	µg/L	10.0		105		70-130	4.39	25		
Hexachlorobutadiene	9.41	1.0	µg/L	10.0		94.1		70-130	0.319	25	V-05	
2-Hexanone (MBK)	122	10	µg/L	100		122		70-160	9.43	25		†
Isopropylbenzene (Cumene)	12.1	1.0	µg/L	10.0		121		70-130	2.13	25		
p-Isopropyltoluene (p-Cymene)	9.87	1.0	µg/L	10.0		98.7		70-130	3.87	25		
Methyl tert-Butyl Ether (MTBE)	11.3	1.0	µg/L	10.0		113		70-130	2.89	25		
Methylene Chloride	11.7	5.0	µg/L	10.0		117		70-130	5.26	25		
4-Methyl-2-pentanone (MIBK)	121	10	µg/L	100		121		70-160	9.37	25		†
Naphthalene	9.71	2.0	µg/L	10.0		97.1		40-130	14.2	25	V-05	†
n-Propylbenzene	10.4	1.0	µg/L	10.0		104		70-130	0.765	25		
Styrene	10.9	1.0	µg/L	10.0		109		70-130	2.97	25		
1,1,1,2-Tetrachloroethane	9.93	1.0	µg/L	10.0		99.3		70-130	6.43	25		
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.0		109		70-130	2.79	25		
Tetrachloroethylene	11.1	1.0	µg/L	10.0		111		70-130	3.10	25		
Tetrahydrofuran	10.6	10	µg/L	10.0		106		70-130	10.4	25		
Toluene	11.1	1.0	µg/L	10.0		111		70-130	1.26	25		
1,2,3-Trichlorobenzene	8.92	5.0	µg/L	10.0		89.2		70-130	12.9	25	V-05	
1,2,4-Trichlorobenzene	9.01	1.0	µg/L	10.0		90.1		70-130	8.69	25	V-05	
1,3,5-Trichlorobenzene	8.83	1.0	µg/L	10.0		88.3		70-130	2.52	25	V-05	
1,1,1-Trichloroethane	11.1	1.0	µg/L	10.0		111		70-130	1.78	25		
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0		115		70-130	3.89	25		
Trichloroethylene	11.4	1.0	µg/L	10.0		114		70-130	0.699	25		
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102		70-130	5.18	25		
1,2,3-Trichloropropane	9.85	2.0	µg/L	10.0		98.5		70-130	3.20	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104		70-130	9.05	25		
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.0		105		70-130	3.46	25		
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.0		104		70-130	3.04	25		
Vinyl Chloride	9.54	2.0	µg/L	10.0		95.4		40-160	6.69	25		†
m+p Xylene	22.0	2.0	µg/L	20.0		110		70-130	2.56	25		
o-Xylene	10.8	1.0	µg/L	10.0		108		70-130	3.01	25		
Surrogate: 1,2-Dichloroethane-d4	*24.4*		µg/L	25.0		97.4		70-130				
Surrogate: Toluene-d8	*25.8*		µg/L	25.0		103		70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.6		70-130				
Matrix Spike (B035049-MS1)		**Source: 11H0217-03**		Prepared: 08/08/11 Analyzed: 08/09/11								
Acetone	110	50	µg/L	100	6.26	104		70-130				
Acrylonitrile	10.6	5.0	µg/L	10.0	ND	106		70-130				
tert-Amyl Methyl Ether (TAME)	9.36	0.50	µg/L	10.0	ND	93.6		70-130				
Benzene	11.2	1.0	µg/L	10.0	ND	112		70-130				
Bromobenzene	9.32	1.0	µg/L	10.0	ND	93.2		70-130				
Bromochloromethane	11.4	1.0	µg/L	10.0	ND	114		70-130				
Bromodichloromethane	10.2	0.50	µg/L	10.0	ND	102		70-130				
Bromoform	8.02	1.0	µg/L	10.0	ND	80.2		70-130				
Bromomethane	5.52	2.0	µg/L	10.0	ND	**55.2**	*	70-130			MS-09	
2-Butanone (MEK)	97.0	20	µg/L	100	ND	97.0		70-130				
tert-Butyl Alcohol (TBA)	92.4	20	µg/L	100	ND	92.4		70-130			V-16	
n-Butylbenzene	7.42	1.0	µg/L	10.0	ND	74.2		70-130				
sec-Butylbenzene	7.98	1.0	µg/L	10.0	ND	79.8		70-130				
tert-Butylbenzene	8.24	1.0	µg/L	10.0	ND	82.4		70-130				
tert-Butyl Ethyl Ether (TBEE)	7.34	0.50	µg/L	10.0	ND	73.4		70-130				
Carbon Disulfide	10.4	2.0	µg/L	10.0	ND	104		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B035049 - SW-846 5030B											
Matrix Spike (B035049-MS1)	**Source: 11H0217-03**			Prepared: 08/08/11 Analyzed: 08/09/11							
Carbon Tetrachloride	9.63	5.0	µg/L	10.0	ND	96.3		70-130			
Chlorobenzene	10.1	1.0	µg/L	10.0	ND	101		70-130			
Chlorodibromomethane	10.3	1.0	µg/L	10.0	ND	103		70-130			
Chloroethane	10.5	2.0	µg/L	10.0	ND	105		70-130			
Chloroform	11.2	2.0	µg/L	10.0	0.450	107		70-130			
Chloromethane	6.73	2.0	µg/L	10.0	ND	**67.3**	*	70-130			MS-09
2-Chlorotoluene	9.48	1.0	µg/L	10.0	ND	94.8		70-130			
4-Chlorotoluene	9.58	1.0	µg/L	10.0	ND	95.8		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.51	5.0	µg/L	10.0	ND	75.1		70-130			
1,2-Dibromoethane (EDB)	10.8	0.50	µg/L	10.0	ND	108		70-130			
Dibromomethane	10.8	1.0	µg/L	10.0	ND	108		70-130			
1,2-Dichlorobenzene	8.93	1.0	µg/L	10.0	ND	89.3		70-130			
1,3-Dichlorobenzene	8.73	1.0	µg/L	10.0	ND	87.3		70-130			
1,4-Dichlorobenzene	8.71	1.0	µg/L	10.0	ND	87.1		70-130			
trans-1,4-Dichloro-2-butene	6.69	2.0	µg/L	10.0	ND	**66.9**	*	70-130			MS-09
Dichlorodifluoromethane (Freon 12)	5.60	2.0	µg/L	10.0	ND	**56.0**	*	70-130			MS-09
1,1-Dichloroethane	11.8	1.0	µg/L	10.0	ND	118		70-130			
1,2-Dichloroethane	10.6	1.0	µg/L	10.0	ND	106		70-130			
1,1-Dichloroethylene	11.8	1.0	µg/L	10.0	ND	118		70-130			
cis-1,2-Dichloroethylene	9.18	1.0	µg/L	10.0	ND	91.8		70-130			
trans-1,2-Dichloroethylene	12.6	1.0	µg/L	10.0	ND	126		70-130			
1,2-Dichloropropane	10.4	1.0	µg/L	10.0	ND	104		70-130			
1,3-Dichloropropane	10.3	0.50	µg/L	10.0	ND	103		70-130			
2,2-Dichloropropane	7.16	1.0	µg/L	10.0	ND	71.6		70-130			
1,1-Dichloropropene	11.0	2.0	µg/L	10.0	ND	110		70-130			
cis-1,3-Dichloropropene	7.86	0.50	µg/L	10.0	ND	78.6		70-130			
trans-1,3-Dichloropropene	8.58	0.50	µg/L	10.0	ND	85.8		70-130			
Diethyl Ether	11.6	2.0	µg/L	10.0	ND	116		70-130			
Diisopropyl Ether (DIPE)	10.8	0.50	µg/L	10.0	ND	108		70-130			
1,4-Dioxane	80.1	50	µg/L	100	ND	80.1		70-130			V-16
Ethylbenzene	9.97	1.0	µg/L	10.0	ND	99.7		70-130			
Hexachlorobutadiene	5.37	1.0	µg/L	10.0	ND	**53.7**	*	70-130			MS-09, V-05
2-Hexanone (MBK)	105	10	µg/L	100	ND	105		70-130			
Isopropylbenzene (Cumene)	11.5	1.0	µg/L	10.0	ND	115		70-130			
p-Isopropyltoluene (p-Cymene)	7.95	1.0	µg/L	10.0	ND	79.5		70-130			
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0	ND	108		70-130			
Methylene Chloride	11.2	5.0	µg/L	10.0	ND	112		70-130			
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100	ND	106		70-130			
Naphthalene	4.66	2.0	µg/L	10.0	ND	**46.6**	*	70-130			MS-09, V-05
n-Propylbenzene	9.07	1.0	µg/L	10.0	ND	90.7		70-130			
Styrene	9.61	1.0	µg/L	10.0	ND	96.1		70-130			
1,1,1,2-Tetrachloroethane	9.50	1.0	µg/L	10.0	ND	95.0		70-130			
1,1,2,2-Tetrachloroethane	9.89	0.50	µg/L	10.0	ND	98.9		70-130			
Tetrachloroethylene	10.7	1.0	µg/L	10.0	ND	107		70-130			
Tetrahydrofuran	8.49	10	µg/L	10.0	ND	84.9		70-130			
Toluene	10.8	1.0	µg/L	10.0	ND	108		70-130			
1,2,3-Trichlorobenzene	3.88	5.0	µg/L	10.0	ND	**38.8**	*	70-130			V-05, MS-09
1,2,4-Trichlorobenzene	5.40	1.0	µg/L	10.0	ND	**54.0**	*	70-130			MS-09, V-05
1,3,5-Trichlorobenzene	6.13	1.0	µg/L	10.0	ND	**61.3**	*	70-130			MS-09, V-05
1,1,1-Trichloroethane	11.2	1.0	µg/L	10.0	ND	112		70-130			
1,1,2-Trichloroethane	10.7	1.0	µg/L	10.0	ND	107		70-130			
Trichloroethylene	12.0	1.0	µg/L	10.0	0.970	111		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B035049 - SW-846 5030B											
Matrix Spike (B035049-MS1)	**Source: 11H0217-03**			Prepared: 08/08/11 Analyzed: 08/09/11							
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0	ND	103		70-130			
1,2,3-Trichloropropane	9.15	2.0	µg/L	10.0	ND	91.5		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	1.0	µg/L	10.0	ND	116		70-130			
1,2,4-Trimethylbenzene	9.01	1.0	µg/L	10.0	ND	90.1		70-130			
1,3,5-Trimethylbenzene	9.10	1.0	µg/L	10.0	ND	91.0		70-130			
Vinyl Chloride	8.66	2.0	µg/L	10.0	ND	86.6		70-130			
m+p Xylene	20.8	2.0	µg/L	20.0	ND	104		70-130			
o-Xylene	10.1	1.0	µg/L	10.0	ND	101		70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.2		70-130			
Surrogate: Toluene-d8	*26.0*		µg/L	25.0		104		70-130			
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101		70-130			
Matrix Spike Dup (B035049-MSD1)	**Source: 11H0217-03**			Prepared: 08/08/11 Analyzed: 08/09/11							
Acetone	106	50	µg/L	100	6.26	100		70-130	3.61	30	
Acrylonitrile	10.4	5.0	µg/L	10.0	ND	104		70-130	2.10	30	
tert-Amyl Methyl Ether (TAME)	9.11	0.50	µg/L	10.0	ND	91.1		70-130	2.71	30	
Benzene	10.8	1.0	µg/L	10.0	ND	108		70-130	4.28	30	
Bromobenzene	8.80	1.0	µg/L	10.0	ND	88.0		70-130	5.74	30	
Bromochloromethane	11.0	1.0	µg/L	10.0	ND	110		70-130	2.85	30	
Bromodichloromethane	9.38	0.50	µg/L	10.0	ND	93.8		70-130	8.38	30	
Bromoform	7.60	1.0	µg/L	10.0	ND	76.0		70-130	5.38	30	
Bromomethane	5.24	2.0	µg/L	10.0	ND	**52.4**	*	70-130	5.20	30	MS-09
2-Butanone (MEK)	98.8	20	µg/L	100	ND	98.8		70-130	1.86	30	
tert-Butyl Alcohol (TBA)	92.8	20	µg/L	100	ND	92.8		70-130	0.497	30	V-16
n-Butylbenzene	7.16	1.0	µg/L	10.0	ND	71.6		70-130	3.57	30	
sec-Butylbenzene	7.76	1.0	µg/L	10.0	ND	77.6		70-130	2.80	30	
tert-Butylbenzene	7.85	1.0	µg/L	10.0	ND	78.5		70-130	4.85	30	
tert-Butyl Ethyl Ether (TBEE)	7.09	0.50	µg/L	10.0	ND	70.9		70-130	3.47	30	
Carbon Disulfide	10.2	2.0	µg/L	10.0	ND	102		70-130	2.53	30	
Carbon Tetrachloride	9.81	5.0	µg/L	10.0	ND	98.1		70-130	1.85	30	
Chlorobenzene	9.62	1.0	µg/L	10.0	ND	96.2		70-130	4.77	30	
Chlorodibromomethane	9.05	1.0	µg/L	10.0	ND	90.5		70-130	13.1	30	
Chloroethane	10.3	2.0	µg/L	10.0	ND	103		70-130	2.01	30	
Chloroform	10.6	2.0	µg/L	10.0	0.450	101		70-130	5.53	30	
Chloromethane	6.29	2.0	µg/L	10.0	ND	**62.9**	*	70-130	6.76	30	MS-09
2-Chlorotoluene	8.77	1.0	µg/L	10.0	ND	87.7		70-130	7.78	30	
4-Chlorotoluene	9.26	1.0	µg/L	10.0	ND	92.6		70-130	3.40	30	
1,2-Dibromo-3-chloropropane (DBCP)	8.15	5.0	µg/L	10.0	ND	81.5		70-130	8.17	30	
1,2-Dibromoethane (EDB)	9.93	0.50	µg/L	10.0	ND	99.3		70-130	8.12	30	
Dibromomethane	10.2	1.0	µg/L	10.0	ND	102		70-130	5.05	30	
1,2-Dichlorobenzene	8.29	1.0	µg/L	10.0	ND	82.9		70-130	7.43	30	
1,3-Dichlorobenzene	8.17	1.0	µg/L	10.0	ND	81.7		70-130	6.63	30	
1,4-Dichlorobenzene	8.30	1.0	µg/L	10.0	ND	83.0		70-130	4.82	30	
trans-1,4-Dichloro-2-butene	6.50	2.0	µg/L	10.0	ND	**65.0**	*	70-130	2.88	30	MS-09
Dichlorodifluoromethane (Freon 12)	6.37	2.0	µg/L	10.0	ND	**63.7**	*	70-130	12.9	30	MS-09
1,1-Dichloroethane	11.0	1.0	µg/L	10.0	ND	110		70-130	7.36	30	
1,2-Dichloroethane	9.74	1.0	µg/L	10.0	ND	97.4		70-130	8.46	30	
1,1-Dichloroethylene	11.1	1.0	µg/L	10.0	ND	111		70-130	6.09	30	
cis-1,2-Dichloroethylene	9.68	1.0	µg/L	10.0	ND	96.8		70-130	5.30	30	
trans-1,2-Dichloroethylene	12.1	1.0	µg/L	10.0	ND	121		70-130	3.57	30	
1,2-Dichloropropane	9.63	1.0	µg/L	10.0	ND	96.3		70-130	8.17	30	
1,3-Dichloropropane	9.54	0.50	µg/L	10.0	ND	95.4		70-130	7.95	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B035049 - SW-846 5030B											
Matrix Spike Dup (B035049-MSD1)	**Source: 11H0217-03**			Prepared: 08/08/11 Analyzed: 08/09/11							
2,2-Dichloropropane	7.14	1.0	µg/L	10.0	ND	71.4		70-130	0.280	30	
1,1-Dichloropropene	10.8	2.0	µg/L	10.0	ND	108		70-130	2.21	30	
cis-1,3-Dichloropropene	7.29	0.50	µg/L	10.0	ND	72.9		70-130	7.52	30	
trans-1,3-Dichloropropene	8.20	0.50	µg/L	10.0	ND	82.0		70-130	4.53	30	
Diethyl Ether	10.7	2.0	µg/L	10.0	ND	107		70-130	8.18	30	
Diisopropyl Ether (DIPE)	10.1	0.50	µg/L	10.0	ND	101		70-130	6.22	30	
1,4-Dioxane	78.6	50	µg/L	100	ND	78.6		70-130	1.81	30	V-16
Ethylbenzene	9.50	1.0	µg/L	10.0	ND	95.0		70-130	4.83	30	
Hexachlorobutadiene	5.44	1.0	µg/L	10.0	ND	**54.4**	*	70-130	1.30	30	MS-09, V-05
2-Hexanone (MBK)	100	10	µg/L	100	ND	100		70-130	4.58	30	
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.0	ND	105		70-130	8.55	30	
p-Isopropyltoluene (p-Cymene)	7.84	1.0	µg/L	10.0	ND	78.4		70-130	1.39	30	
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	µg/L	10.0	ND	100		70-130	6.93	30	
Methylene Chloride	10.5	5.0	µg/L	10.0	ND	105		70-130	5.80	30	
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100	ND	101		70-130	4.74	30	
Naphthalene	5.67	2.0	µg/L	10.0	ND	**56.7**	*	70-130	19.6	30	MS-09, V-05
n-Propylbenzene	8.55	1.0	µg/L	10.0	ND	85.5		70-130	5.90	30	
Styrene	9.36	1.0	µg/L	10.0	ND	93.6		70-130	2.64	30	
1,1,1,2-Tetrachloroethane	8.72	1.0	µg/L	10.0	ND	87.2		70-130	8.56	30	
1,1,2,2-Tetrachloroethane	9.17	0.50	µg/L	10.0	ND	91.7		70-130	7.56	30	
Tetrachloroethylene	10.1	1.0	µg/L	10.0	ND	101		70-130	6.05	30	
Tetrahydrofuran	7.69	10	µg/L	10.0	ND	76.9		70-130	9.89	30	
Toluene	10.3	1.0	µg/L	10.0	ND	103		70-130	4.64	30	
1,2,3-Trichlorobenzene	4.87	5.0	µg/L	10.0	ND	**48.7**	*	70-130	22.6	30	MS-09, V-05
1,2,4-Trichlorobenzene	5.44	1.0	µg/L	10.0	ND	**54.4**	*	70-130	0.738	30	MS-09, V-05
1,3,5-Trichlorobenzene	5.84	1.0	µg/L	10.0	ND	**58.4**	*	70-130	4.85	30	MS-09, V-05
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0	ND	109		70-130	2.54	30	
1,1,2-Trichloroethane	10.0	1.0	µg/L	10.0	ND	100		70-130	6.65	30	
Trichloroethylene	12.0	1.0	µg/L	10.0	0.970	110		70-130	0.249	30	
Trichlorofluoromethane (Freon 11)	10.9	2.0	µg/L	10.0	ND	109		70-130	5.09	30	
1,2,3-Trichloropropane	8.68	2.0	µg/L	10.0	ND	86.8		70-130	5.27	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.1	1.0	µg/L	10.0	ND	**131**	*	70-130	12.5	30	MS-24
1,2,4-Trimethylbenzene	8.55	1.0	µg/L	10.0	ND	85.5		70-130	5.24	30	
1,3,5-Trimethylbenzene	8.47	1.0	µg/L	10.0	ND	84.7		70-130	7.17	30	
Vinyl Chloride	8.26	2.0	µg/L	10.0	ND	82.6		70-130	4.73	30	
m+p Xylene	19.4	2.0	µg/L	20.0	ND	97.2		70-130	6.86	20	
o-Xylene	9.26	1.0	µg/L	10.0	ND	92.6		70-130	8.48	30	
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		98.0		70-130			
Surrogate: Toluene-d8	*25.9*		µg/L	25.0		103		70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100		70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,NC,ME
Acrylonitrile	CT,NY,NC,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,NC,ME
Benzene	CT,NH,NY,NC,ME,RI
Bromobenzene	NC
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME,RI
Bromoform	CT,NH,NY,NC,ME,RI
Bromomethane	CT,NH,NY,NC,ME,RI
2-Butanone (MEK)	CT,NH,NY,NC,ME
tert-Butyl Alcohol (TBA)	NH,NY,NC,ME
n-Butylbenzene	NY,NC,ME
sec-Butylbenzene	NY,NC,ME
tert-Butylbenzene	NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,NC,ME
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME,RI
Chlorobenzene	CT,NH,NY,NC,ME,RI
Chlorodibromomethane	CT,NH,NY,NC,ME,RI
Chloroethane	CT,NH,NY,NC,ME,RI
Chloroform	CT,NH,NY,NC,ME,RI
Chloromethane	CT,NH,NY,NC,ME,RI
2-Chlorotoluene	NY,NC,ME
4-Chlorotoluene	NY,NC,ME
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NY,NC,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,ME,RI
1,1-Dichloroethane	CT,NH,NY,NC,ME,RI
1,2-Dichloroethane	CT,NH,NY,NC,ME,RI
1,1-Dichloroethylene	CT,NH,NY,NC,ME,RI
cis-1,2-Dichloroethylene	NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME,RI
1,2-Dichloropropane	CT,NH,NY,NC,ME,RI
1,3-Dichloropropane	NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NH,NY,NC,ME
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME,RI

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Hexachlorobutadiene	CT,NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	NY,NC,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC,ME
Methylene Chloride	CT,NH,NY,NC,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC,ME
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	CT,NH,NY,NC,ME
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME,RI
Tetrachloroethylene	CT,NH,NY,NC,ME,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME,RI
1,2,3-Trichlorobenzene	NH,NY,NC,ME
1,2,4-Trichlorobenzene	CT,NH,NY,NC,ME
1,3,5-Trichlorobenzene	NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,ME,RI
Trichloroethylene	CT,NH,NY,NC,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME,RI
1,2,3-Trichloropropane	NH,NY,NC,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,NC
1,2,4-Trimethylbenzene	NY,NC,ME
1,3,5-Trimethylbenzene	NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME,RI
m+p Xylene	CT,NH,NY,NC,ME,RI
o-Xylene	CT,NH,NY,NC,ME,RI

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

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 1

1110217

Company Name: Ecology & Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: B. Kroon / R. Watt
Project Location: Farmingdale, NY
Sampled By: M. Horanburg / M. Cheplowitz

Telephone: 716-684-8060
Project # 002699.1D25.02
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: per contract
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOCs (8260)	ANALYSIS REQUESTED
-01	TB-08022011	8/2/11	0730		X	GW	C	X	
-02	PW18-25	8/2/11	1610		X	GW	L	X	
-03	PW18-50	8/2/11	1643		X	GW	L	X	*Xtra vol. for MS/MSD
-04	PW18-75	8/3/11	1020		X	GW	L	X	
-05	PW18-100	8/3/11	1535		X	GW	L	X	
-06	PW18-125	8/3/11	1750		X	GW	L	X	
-07	PW18-150	8/4/11	1335		X	GW	L	X	
-08	PW18-175	8/4/11	1625		X	GW	L	X	

M. Horanburg 8/4/11

3	# of Containers
H	** Preservation
V	***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

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

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

Comments:

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

Relinquished by: (signature) M. Horanburg	Date/Time: 8/4/11 1725
Received by: (signature)	Date/Time: 8/5/11 0957
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day per contract
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA Accredited Laboratory
NELAC & AIHA Certified
WBE/DBE Certified

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

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Friday, 08/05/2011 at 9:57 A.M.

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Signed By:
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Additional Information

Type: Package

Shipment Progress

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Sample Receipt Checklist

CLIENT NAME: Ecology & Env RECEIVED BY: CEC DATE: 8/5/11

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

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

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

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

Temperature °C by Temp blank 5-0° Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

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

Containers received at Con-Test

	# of containers			# of containers
1 Liter Amber			8 oz amber/clear jar	
500 mL Amber			4 oz amber/clear jar	
250 mL Amber (8oz amber)			2 oz amber/clear jar	
1 Liter Plastic			Air Cassette	
500 mL Plastic			Hg/Hopcalite Tube	
250 mL plastic			Plastic Bag / Ziploc	
40 mL Vial - type listed below	29		PM 2.5 / PM 10	
Colisure / bacteria bottle			PUF Cartridge	
Dissolved Oxygen bottle			SOC Kit	
Encore			TO-17 Tubes	
Flashpoint bottle			Non-ConTest Container	
Perchlorate Kit			Other glass jar	
Other			Other	

Laboratory Comments:

40 mL vials: # HCl 29 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

Doc# 277

Rev. 1 Ma

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VOA

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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11H0373-01	110	93.0	96.8
11H0373-02	111	98.7	96.8
11H0373-03	110	94.8	95.8
11H0373-04	108	94.3	97.2
B035298-BLK1	104	94.0	95.4
B035298-BS1	98.5	104	99.4
B035298-BSD1	99.1	103	99.0
B035298-MS1	100	103	100
B035298-MSD1	100	103	99.8

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW15-75

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035298	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035298-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11H0373-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	100	11.2	121	110		70 - 130
Acrylonitrile	10.0	ND	10.5	105		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	ND	7.11	71.1		70 - 130
Benzene	10.0	0.580	9.84	92.6		70 - 130
Bromobenzene	10.0	ND	9.54	95.4		70 - 130
Bromochloromethane	10.0	ND	10.6	106		70 - 130
Bromodichloromethane	10.0	ND	9.89	98.9		70 - 130
Bromoform	10.0	ND	8.61	86.1		70 - 130
Bromomethane	10.0	ND	6.37	63.7	*	70 - 130
2-Butanone (MEK)	100	1.48	104	103		70 - 130
tert-Butyl Alcohol (TBA)	100	ND	115	115		70 - 130
n-Butylbenzene	10.0	ND	8.84	88.4		70 - 130
sec-Butylbenzene	10.0	ND	8.65	86.5		70 - 130
tert-Butylbenzene	10.0	ND	8.19	81.9		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	ND	6.16	61.6	*	70 - 130
Carbon Disulfide	10.0	0.530	8.25	77.2		70 - 130
Carbon Tetrachloride	10.0	ND	9.90	99.0		70 - 130
Chlorobenzene	10.0	0.620	10.7	101		70 - 130
Chlorodibromomethane	10.0	ND	9.60	96.0		70 - 130
Chloroethane	10.0	ND	8.04	80.4		70 - 130
Chloroform	10.0	0.840	10.4	95.4		70 - 130
Chloromethane	10.0	ND	4.73	47.3	*	70 - 130
2-Chlorotoluene	10.0	ND	9.82	98.2		70 - 130
4-Chlorotoluene	10.0	ND	10.1	101		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	9.53	95.3		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW15-75

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035298	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035298-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11H0373-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	ND	10.0	100		70 - 130
Dibromomethane	10.0	ND	9.97	99.7		70 - 130
1,2-Dichlorobenzene	10.0	0.770	9.94	91.7		70 - 130
1,3-Dichlorobenzene	10.0	ND	9.21	92.1		70 - 130
1,4-Dichlorobenzene	10.0	0.130	9.20	90.7		70 - 130
trans-1,4-Dichloro-2-butene	10.0	ND	8.37	83.7		70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	ND	4.10	41.0	*	70 - 130
1,1-Dichloroethane	10.0	1.52	11.9	104		70 - 130
1,2-Dichloroethane	10.0	0.710	11.1	104		70 - 130
1,1-Dichloroethylene	10.0	1.22	11.8	106		70 - 130
cis-1,2-Dichloroethylene	10.0	0.780	9.27	84.9		70 - 130
trans-1,2-Dichloroethylene	10.0	ND	11.0	110		70 - 130
1,2-Dichloropropane	10.0	ND	9.18	91.8		70 - 130
1,3-Dichloropropane	10.0	ND	9.20	92.0		70 - 130
2,2-Dichloropropane	10.0	ND	7.41	74.1		70 - 130
1,1-Dichloropropene	10.0	ND	9.49	94.9		70 - 130
cis-1,3-Dichloropropene	10.0	ND	6.86	68.6	*	70 - 130
trans-1,3-Dichloropropene	10.0	ND	7.86	78.6		70 - 130
Diethyl Ether	10.0	ND	8.88	88.8		70 - 130
Diisopropyl Ether (DIPE)	10.0	ND	9.01	90.1		70 - 130
1,4-Dioxane	100	ND	151	151	*	70 - 130
Ethylbenzene	10.0	ND	9.81	98.1		70 - 130
Hexachlorobutadiene	10.0	ND	7.42	74.2		70 - 130
2-Hexanone (MBK)	100	ND	113	113		70 - 130
Isopropylbenzene (Cumene)	10.0	ND	11.4	114		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW15-75

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035298	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035298-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11H0373-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	ND	8.69	86.9		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	1.58	10.2	86.6		70 - 130
Methylene Chloride	10.0	ND	9.64	96.4		70 - 130
4-Methyl-2-pentanone (MIBK)	100	ND	110	110		70 - 130
Naphthalene	10.0	ND	6.48	64.8	*	70 - 130
n-Propylbenzene	10.0	ND	9.95	99.5		70 - 130
Styrene	10.0	ND	10.4	104		70 - 130
1,1,1,2-Tetrachloroethane	10.0	ND	10.0	100		70 - 130
1,1,2,2-Tetrachloroethane	10.0	ND	10.6	106		70 - 130
Tetrachloroethylene	10.0	2.07	13.5	115		70 - 130
Tetrahydrofuran	10.0	ND	8.48	84.8		70 - 130
Toluene	10.0	0.270	10.1	98.1		70 - 130
1,2,3-Trichlorobenzene	10.0	ND	6.06	60.6	*	70 - 130
1,2,4-Trichlorobenzene	10.0	ND	6.48	64.8	*	70 - 130
1,3,5-Trichlorobenzene	10.0	ND	7.12	71.2		70 - 130
1,1,1-Trichloroethane	10.0	0.460	11.0	105		70 - 130
1,1,2-Trichloroethane	10.0	0.160	9.83	96.7		70 - 130
Trichloroethylene	10.0	122	150	279	*	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	0.610	10.6	99.4		70 - 130
1,2,3-Trichloropropane	10.0	ND	9.85	98.5		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	10.0	100		70 - 130
1,2,4-Trimethylbenzene	10.0	ND	9.01	90.1		70 - 130
1,3,5-Trimethylbenzene	10.0	ND	9.86	98.6		70 - 130
Vinyl Chloride	10.0	ND	5.89	58.9	*	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW15-75

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035298	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035298-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11H0373-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
m+p Xylene	20.0	ND	21.0	105	70 - 130
o-Xylene	10.0	ND	9.52	95.2	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW15-75

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035298	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035298-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11H0373-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	119	108		1.43	30	70 - 130
Acrylonitrile	10.0	10.1	101		3.59	30	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	7.81	78.1		9.38	30	70 - 130
Benzene	10.0	10.7	101		8.00	30	70 - 130
Bromobenzene	10.0	10.6	106		10.1	30	70 - 130
Bromochloromethane	10.0	11.4	114		7.73	30	70 - 130
Bromodichloromethane	10.0	11.2	112		12.8	30	70 - 130
Bromoform	10.0	9.10	91.0		5.53	30	70 - 130
Bromomethane	10.0	7.60	76.0		17.6	30	70 - 130
2-Butanone (MEK)	100	104	102		0.549	30	70 - 130
tert-Butyl Alcohol (TBA)	100	114	114		0.800	30	70 - 130
n-Butylbenzene	10.0	9.41	94.1		6.25	30	70 - 130
sec-Butylbenzene	10.0	9.26	92.6		6.81	30	70 - 130
tert-Butylbenzene	10.0	8.86	88.6		7.86	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	6.82	68.2	*	10.2	30	70 - 130
Carbon Disulfide	10.0	9.02	84.9		8.92	30	70 - 130
Carbon Tetrachloride	10.0	9.78	97.8		1.22	30	70 - 130
Chlorobenzene	10.0	11.9	112		10.0	30	70 - 130
Chlorodibromomethane	10.0	11.1	111		14.2	30	70 - 130
Chloroethane	10.0	8.55	85.5		6.15	30	70 - 130
Chloroform	10.0	11.5	107		10.3	30	70 - 130
Chloromethane	10.0	4.95	49.5	*	4.55	30	70 - 130
2-Chlorotoluene	10.0	10.9	109		10.1	30	70 - 130
4-Chlorotoluene	10.0	11.6	116		13.3	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.71	97.1		1.87	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW15-75

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035298	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035298-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11H0373-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	10.7	107		6.28	30	70 - 130
Dibromomethane	10.0	11.1	111		10.8	30	70 - 130
1,2-Dichlorobenzene	10.0	11.1	104		11.2	30	70 - 130
1,3-Dichlorobenzene	10.0	10.0	100		8.32	30	70 - 130
1,4-Dichlorobenzene	10.0	9.93	98.0		7.63	30	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.93	89.3		6.47	30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	3.75	37.5	*	8.92	30	70 - 130
1,1-Dichloroethane	10.0	13.0	115		8.85	30	70 - 130
1,2-Dichloroethane	10.0	12.1	114		8.56	30	70 - 130
1,1-Dichloroethylene	10.0	12.0	108		1.93	30	70 - 130
cis-1,2-Dichloroethylene	10.0	10.4	95.8		11.1	30	70 - 130
trans-1,2-Dichloroethylene	10.0	11.8	118		6.48	30	70 - 130
1,2-Dichloropropane	10.0	9.70	97.0		5.51	30	70 - 130
1,3-Dichloropropane	10.0	10.2	102		10.0	30	70 - 130
2,2-Dichloropropane	10.0	8.14	81.4		9.39	30	70 - 130
1,1-Dichloropropene	10.0	9.83	98.3		3.52	30	70 - 130
cis-1,3-Dichloropropene	10.0	7.84	78.4		13.3	30	70 - 130
trans-1,3-Dichloropropene	10.0	8.84	88.4		11.7	30	70 - 130
Diethyl Ether	10.0	10.1	101		13.2	30	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.3	103		13.1	30	70 - 130
1,4-Dioxane	100	143	143	*	6.01	30	70 - 130
Ethylbenzene	10.0	10.9	109		10.5	30	70 - 130
Hexachlorobutadiene	10.0	9.26	92.6		22.1	30	70 - 130
2-Hexanone (MBK)	100	114	114		0.343	30	70 - 130
Isopropylbenzene (Cumene)	10.0	12.1	121		6.64	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW15-75

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035298	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035298-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11H0373-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	9.20	92.0		5.70	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.1	94.8		7.70	30	70 - 130
Methylene Chloride	10.0	10.6	106		9.30	30	70 - 130
4-Methyl-2-pentanone (MIBK)	100	112	112		1.57	30	70 - 130
Naphthalene	10.0	7.07	70.7		8.71	30	70 - 130
n-Propylbenzene	10.0	10.6	106		6.61	30	70 - 130
Styrene	10.0	11.3	113		9.03	30	70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.3	113		12.2	30	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.9	109		2.89	30	70 - 130
Tetrachloroethylene	10.0	13.9	118		2.48	30	70 - 130
Tetrahydrofuran	10.0	8.63	86.3		1.75	30	70 - 130
Toluene	10.0	11.0	108		9.00	30	70 - 130
1,2,3-Trichlorobenzene	10.0	7.20	72.0		17.2	30	70 - 130
1,2,4-Trichlorobenzene	10.0	7.42	74.2		13.5	30	70 - 130
1,3,5-Trichlorobenzene	10.0	7.91	79.1		10.5	30	70 - 130
1,1,1-Trichloroethane	10.0	11.4	110		4.29	30	70 - 130
1,1,2-Trichloroethane	10.0	11.1	109		12.0	30	70 - 130
Trichloroethylene	10.0	137	145	*	9.30	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.1	94.9		4.36	30	70 - 130
1,2,3-Trichloropropane	10.0	10.5	105		6.67	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.67	96.7		3.75	30	70 - 130
1,2,4-Trimethylbenzene	10.0	9.85	98.5		8.91	30	70 - 130
1,3,5-Trimethylbenzene	10.0	11.0	110		10.8	30	70 - 130
Vinyl Chloride	10.0	6.34	63.4	*	7.36	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW15-75

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B035298	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B035298-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11H0373-04
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
m+p Xylene	20.0	23.2	116	9.95	20	70 - 130
o-Xylene	10.0	11.1	111	15.2	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035298	Laboratory ID:	B035298-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	120	120	70 - 160
Acrylonitrile	10.0	10.2	102	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	8.65	86.5	70 - 130
Benzene	10.0	9.79	97.9	70 - 130
Bromobenzene	10.0	10.2	102	70 - 130
Bromochloromethane	10.0	11.5	115	70 - 130
Bromodichloromethane	10.0	10.8	108	70 - 130
Bromoform	10.0	9.25	92.5	70 - 130
Bromomethane	10.0	6.54	65.4	40 - 160
2-Butanone (MEK)	100	104	104	40 - 160
tert-Butyl Alcohol (TBA)	100	109	109	40 - 160
n-Butylbenzene	10.0	8.94	89.4	70 - 130
sec-Butylbenzene	10.0	9.19	91.9	70 - 130
tert-Butylbenzene	10.0	9.19	91.9	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	7.12	71.2	70 - 130
Carbon Disulfide	10.0	9.51	95.1	70 - 130
Carbon Tetrachloride	10.0	9.37	93.7	70 - 130
Chlorobenzene	10.0	11.1	111	70 - 130
Chlorodibromomethane	10.0	10.9	109	70 - 130
Chloroethane	10.0	9.09	90.9	70 - 130
Chloroform	10.0	10.1	101	70 - 130
Chloromethane	10.0	6.80	68.0	40 - 160
2-Chlorotoluene	10.0	10.8	108	70 - 130
4-Chlorotoluene	10.0	11.3	113	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.98	99.8	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.0	110	70 - 130
Dibromomethane	10.0	10.7	107	70 - 130
1,2-Dichlorobenzene	10.0	9.91	99.1	70 - 130
1,3-Dichlorobenzene	10.0	10.2	102	70 - 130
1,4-Dichlorobenzene	10.0	9.90	99.0	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.71	87.1	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035298	Laboratory ID:	B035298-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	7.62	76.2		40 - 160
1,1-Dichloroethane	10.0	10.4	104		70 - 130
1,2-Dichloroethane	10.0	11.1	111		70 - 130
1,1-Dichloroethylene	10.0	10.5	105		70 - 130
cis-1,2-Dichloroethylene	10.0	8.94	89.4		70 - 130
trans-1,2-Dichloroethylene	10.0	11.1	111		70 - 130
1,2-Dichloropropane	10.0	10.2	102		70 - 130
1,3-Dichloropropane	10.0	10.2	102		70 - 130
2,2-Dichloropropane	10.0	8.06	80.6		40 - 130
1,1-Dichloropropene	10.0	9.59	95.9		70 - 130
cis-1,3-Dichloropropene	10.0	7.93	79.3		70 - 130
trans-1,3-Dichloropropene	10.0	9.03	90.3		70 - 130
Diethyl Ether	10.0	10.7	107		70 - 130
Diisopropyl Ether (DIPE)	10.0	9.60	96.0		70 - 130
1,4-Dioxane	100	160	160	*	40 - 130
Ethylbenzene	10.0	10.5	105		70 - 130
Hexachlorobutadiene	10.0	10.1	101		70 - 130
2-Hexanone (MBK)	100	112	112		70 - 160
Isopropylbenzene (Cumene)	10.0	11.8	118		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	9.33	93.3		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.61	96.1		70 - 130
Methylene Chloride	10.0	11.5	115		70 - 130
4-Methyl-2-pentanone (MIBK)	100	109	109		70 - 160
Naphthalene	10.0	7.87	78.7		40 - 130
n-Propylbenzene	10.0	10.5	105		70 - 130
Styrene	10.0	11.4	114		70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.1	111		70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.0	110		70 - 130
Tetrachloroethylene	10.0	10.8	108		70 - 130
Tetrahydrofuran	10.0	8.89	88.9		70 - 130
Toluene	10.0	10.6	106		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035298	Laboratory ID:	B035298-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	8.36	83.6	70 - 130
1,2,4-Trichlorobenzene	10.0	8.18	81.8	70 - 130
1,3,5-Trichlorobenzene	10.0	8.64	86.4	70 - 130
1,1,1-Trichloroethane	10.0	10.4	104	70 - 130
1,1,2-Trichloroethane	10.0	10.6	106	70 - 130
Trichloroethylene	10.0	10.3	103	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.17	91.7	70 - 130
1,2,3-Trichloropropane	10.0	10.1	101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.93	99.3	70 - 130
1,2,4-Trimethylbenzene	10.0	9.92	99.2	70 - 130
1,3,5-Trimethylbenzene	10.0	10.7	107	70 - 130
Vinyl Chloride	10.0	7.37	73.7	40 - 160
m+p Xylene	20.0	22.2	111	70 - 130
o-Xylene	10.0	10.9	109	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	128	128	6.20	25	70 - 160
Acrylonitrile	10.0	9.78	97.8	4.11	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	8.95	89.5	3.41	25	70 - 130
Benzene	10.0	10.5	105	7.28	25	70 - 130
Bromobenzene	10.0	10.7	107	4.50	25	70 - 130
Bromochloromethane	10.0	11.9	119	3.08	25	70 - 130
Bromodichloromethane	10.0	11.1	111	2.46	25	70 - 130
Bromoform	10.0	9.59	95.9	3.61	25	70 - 130
Bromomethane	10.0	7.53	75.3	14.1	25	40 - 160
2-Butanone (MEK)	100	107	107	3.13	25	40 - 160
tert-Butyl Alcohol (TBA)	100	113	113	3.18	25	40 - 160
n-Butylbenzene	10.0	9.48	94.8	5.86	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035298	Laboratory ID:	B035298-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	9.95	99.5	7.94	25	70 - 130
tert-Butylbenzene	10.0	9.80	98.0	6.42	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	7.47	74.7	4.80	25	70 - 130
Carbon Disulfide	10.0	10.3	103	8.36	25	70 - 130
Carbon Tetrachloride	10.0	10.5	105	11.2	25	70 - 130
Chlorobenzene	10.0	11.5	115	3.44	25	70 - 130
Chlorodibromomethane	10.0	11.4	114	4.58	25	70 - 130
Chloroethane	10.0	9.99	99.9	9.43	25	70 - 130
Chloroform	10.0	10.8	108	6.33	25	70 - 130
Chloromethane	10.0	7.30	73.0	7.09	25	40 - 160
2-Chlorotoluene	10.0	11.5	115	6.09	25	70 - 130
4-Chlorotoluene	10.0	12.0	120	5.77	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.6	106	6.50	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.1	111	1.00	25	70 - 130
Dibromomethane	10.0	11.4	114	5.97	25	70 - 130
1,2-Dichlorobenzene	10.0	10.7	107	7.57	25	70 - 130
1,3-Dichlorobenzene	10.0	10.8	108	5.91	25	70 - 130
1,4-Dichlorobenzene	10.0	10.8	108	8.23	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.57	85.7	1.62	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.98	79.8	4.62	25	40 - 160
1,1-Dichloroethane	10.0	11.4	114	9.33	25	70 - 130
1,2-Dichloroethane	10.0	11.4	114	3.11	25	70 - 130
1,1-Dichloroethylene	10.0	11.5	115	9.45	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.59	95.9	7.02	25	70 - 130
trans-1,2-Dichloroethylene	10.0	12.4	124	10.9	25	70 - 130
1,2-Dichloropropane	10.0	10.7	107	4.99	25	70 - 130
1,3-Dichloropropane	10.0	10.3	103	0.876	25	70 - 130
2,2-Dichloropropane	10.0	8.95	89.5	10.5	25	40 - 130
1,1-Dichloropropene	10.0	10.2	102	5.97	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035298	Laboratory ID:	B035298-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	8.21	82.1		3.47	25	70 - 130
trans-1,3-Dichloropropene	10.0	9.28	92.8		2.73	25	70 - 130
Diethyl Ether	10.0	11.3	113		5.17	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.2	102		6.45	25	70 - 130
1,4-Dioxane	100	163	163	*	1.86	50	40 - 130
Ethylbenzene	10.0	11.2	112		6.53	25	70 - 130
Hexachlorobutadiene	10.0	10.7	107		5.68	25	70 - 130
2-Hexanone (MBK)	100	112	112		0.626	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.8	128		8.23	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.1	101		7.63	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.2	102		5.66	25	70 - 130
Methylene Chloride	10.0	11.9	119		3.93	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	110	110		0.686	25	70 - 160
Naphthalene	10.0	8.00	80.0		1.64	25	40 - 130
n-Propylbenzene	10.0	11.0	110		4.72	25	70 - 130
Styrene	10.0	11.8	118		4.13	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.7	117		4.82	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.7	107		2.40	25	70 - 130
Tetrachloroethylene	10.0	11.3	113		4.35	25	70 - 130
Tetrahydrofuran	10.0	8.36	83.6		6.14	25	70 - 130
Toluene	10.0	10.8	108		1.69	25	70 - 130
1,2,3-Trichlorobenzene	10.0	8.40	84.0		0.477	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.13	81.3		0.613	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.89	88.9		2.85	25	70 - 130
1,1,1-Trichloroethane	10.0	11.1	111		6.97	25	70 - 130
1,1,2-Trichloroethane	10.0	10.9	109		2.78	25	70 - 130
Trichloroethylene	10.0	11.2	112		8.20	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.5	105		13.8	25	70 - 130
1,2,3-Trichloropropane	10.0	10.4	104		2.93	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035298	Laboratory ID:	B035298-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.7	107	7.56	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.9	109	9.32	25	70 - 130
1,3,5-Trimethylbenzene	10.0	11.2	112	5.11	25	70 - 130
Vinyl Chloride	10.0	8.17	81.7	10.3	25	40 - 160
m+p Xylene	20.0	23.5	118	5.63	25	70 - 130
o-Xylene	10.0	11.6	116	6.58	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Blank ID:	B035298-BLK1	Batch:	B035298

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B035298-MSD1	VB223024.D	00:29
Matrix Spike	B035298-MS1	VB223023.D	23:57
LCS Dup	B035298-BSD1	VB223006.D	14:47
LCS	B035298-BS1	VB223005.D	14:10
PW15-75	11H0373-04	VB223022.D	23:25
PW15-50	11H0373-03	VB223021.D	22:52
PW15-25	11H0373-02	VB223020.D	22:20
TB-08082011	11H0373-01	VB223014.D	19:06

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Lab File ID:	VB223003.D	Injection Date:	08/11/11
Instrument ID:	GCMSVOA2	Injection Time:	13:02
Sequence:	S001080	Lab Sample ID:	S001080-TUN1

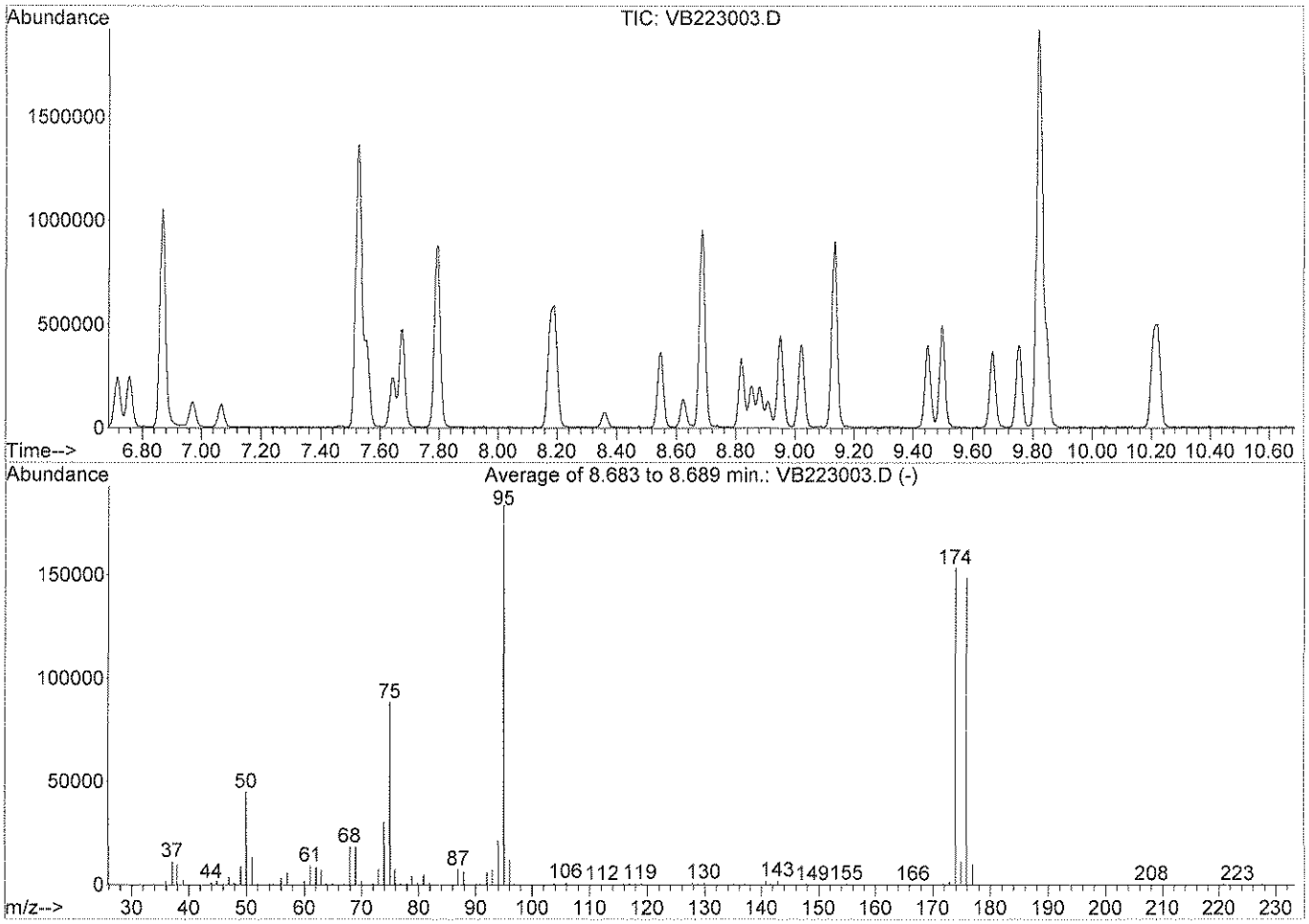
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	24.4	PASS
75	30 - 60% of 95	48.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.55	PASS
173	Less than 2% of 174	1.14	PASS
174	50 - 200% of 95	83.4	PASS
175	5 - 9% of 174	7.39	PASS
176	95 - 101% of 174	97.1	PASS
177	5 - 9% of 176	6.48	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001080-CCV1	VB223003.D	08/11/2011	13:02:00
LCS	B035298-BS1	VB223005.D	08/11/2011	14:10:00
LCS Dup	B035298-BSD1	VB223006.D	08/11/2011	14:47:00
Blank	B035298-BLK1	VB223008.D	08/11/2011	15:52:00
TB-08082011	11H0373-01	VB223014.D	08/11/2011	19:06:00
PW15-25	11H0373-02	VB223020.D	08/11/2011	22:20:00
PW15-50	11H0373-03	VB223021.D	08/11/2011	22:52:00
PW15-75	11H0373-04	VB223022.D	08/11/2011	23:25:00
Matrix Spike	B035298-MS1	VB223023.D	08/11/2011	23:57:00
Matrix Spike Dup	B035298-MSD1	VB223024.D	08/12/2011	0:29:00

Data Path : C:\MSDCHEM\1\DATA\081111\
Data File : VB223003.D
Acq On : 11 Aug 2011 1:02 pm
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Mon Jun 20 12:36:24 2011



AutoFind: Scans 2767, 2768, 2769; Background Corrected with Scan 2753

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.4	44858	PASS
75	95	30	60	48.2	88414	PASS
95	95	100	100	100.0	183594	PASS
96	95	5	9	6.6	12031	PASS
173	174	0.00	2	1.1	1743	PASS
174	95	50	100	83.4	153152	PASS
175	174	5	9	7.4	11314	PASS
176	174	95	101	97.1	148714	PASS
177	176	5	9	6.5	9631	PASS

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001080	Instrument:	GCMSVOA2
		Calibration:	1100023

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001080-CCV1)			*Lab File ID: VB223003.D*			*Analyzed: 08/11/11 13:02*			
Pentafluorobenzene	417698	3.96	448204	3.97	93	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	648678	4.69	723319	4.69	90	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	319520	7.53	370813	7.53	86	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	328187	9.82	347863	9.82	94	50 - 200	0.0000	+/-0.50	
LCS (B035298-BS1)			*Lab File ID: VB223005.D*			*Analyzed: 08/11/11 14:10*			
Pentafluorobenzene	428952	3.96	417698	3.96	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	667778	4.68	648678	4.69	103	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	327935	7.53	319520	7.53	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	337684	9.82	328187	9.82	103	50 - 200	0.0000	+/-0.50	
LCS Dup (B035298-BSD1)			*Lab File ID: VB223006.D*			*Analyzed: 08/11/11 14:47*			
Pentafluorobenzene	428034	3.96	417698	3.96	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	678319	4.69	648678	4.69	105	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	330687	7.53	319520	7.53	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	335574	9.82	328187	9.82	102	50 - 200	0.0000	+/-0.50	
Blank (B035298-BLK1)			*Lab File ID: VB223008.D*			*Analyzed: 08/11/11 15:52*			
Pentafluorobenzene	395808	3.97	417698	3.96	95	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	634426	4.69	648678	4.69	98	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	309278	7.53	319520	7.53	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	297680	9.82	328187	9.82	91	50 - 200	0.0000	+/-0.50	
TB-08082011 (11H0373-01)			*Lab File ID: VB223014.D*			*Analyzed: 08/11/11 19:06*			
Pentafluorobenzene	371938	3.97	417698	3.96	89	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	606037	4.69	648678	4.69	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	301661	7.53	319520	7.53	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	288864	9.82	328187	9.82	88	50 - 200	0.0000	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001080	Instrument:	GCMSVOA2
		Calibration:	1100023

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW15-25 (11H0373-02)			*Lab File ID: VB223020.D*			*Analyzed: 08/11/11 22:20*			
Pentafluorobenzene	362403	3.97	417698	3.96	87	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	596489	4.69	648678	4.69	92	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	294006	7.53	319520	7.53	92	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	295770	9.82	328187	9.82	90	50 - 200	0.0000	+/-0.50	
PW15-50 (11H0373-03)			*Lab File ID: VB223021.D*			*Analyzed: 08/11/11 22:52*			
Pentafluorobenzene	365298	3.96	417698	3.96	87	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	599798	4.69	648678	4.69	92	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	300041	7.53	319520	7.53	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	286880	9.82	328187	9.82	87	50 - 200	0.0000	+/-0.50	
PW15-75 (11H0373-04)			*Lab File ID: VB223022.D*			*Analyzed: 08/11/11 23:25*			
Pentafluorobenzene	372404	3.97	417698	3.96	89	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	601415	4.69	648678	4.69	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	296541	7.53	319520	7.53	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	291050	9.82	328187	9.82	89	50 - 200	0.0000	+/-0.50	
Matrix Spike (B035298-MS1)			*Lab File ID: VB223023.D*			*Analyzed: 08/11/11 23:57*			
Pentafluorobenzene	399541	3.97	417698	3.96	96	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	620757	4.69	648678	4.69	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	307729	7.53	319520	7.53	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	316757	9.82	328187	9.82	97	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B035298-MSD1)			*Lab File ID: VB223024.D*			*Analyzed: 08/12/11 00:29*			
Pentafluorobenzene	411267	3.96	417698	3.96	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	635662	4.69	648678	4.69	98	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	311955	7.53	319520	7.53	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	324977	9.82	328187	9.82	99	50 - 200	0.0000	+/-0.50	

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-08082011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0373-01	File ID:	VB223014.D
Sampled:	08/08/11 08:15	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 19:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08082011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0373-01	File ID:	VB223014.D
Sampled:	08/08/11 08:15	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 19:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08082011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0373-01	File ID:	VB223014.D
Sampled:	08/08/11 08:15	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 19:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08082011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0373-01	File ID:	VB223014.D
Sampled:	08/08/11 08:15	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 19:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223014.D
Acq On : 11 Aug 2011 7:06 pm
Operator : LBD/MFF
Sample : 11H0373-01@ tb
Misc :
ALS Vial : 14 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 12 2011

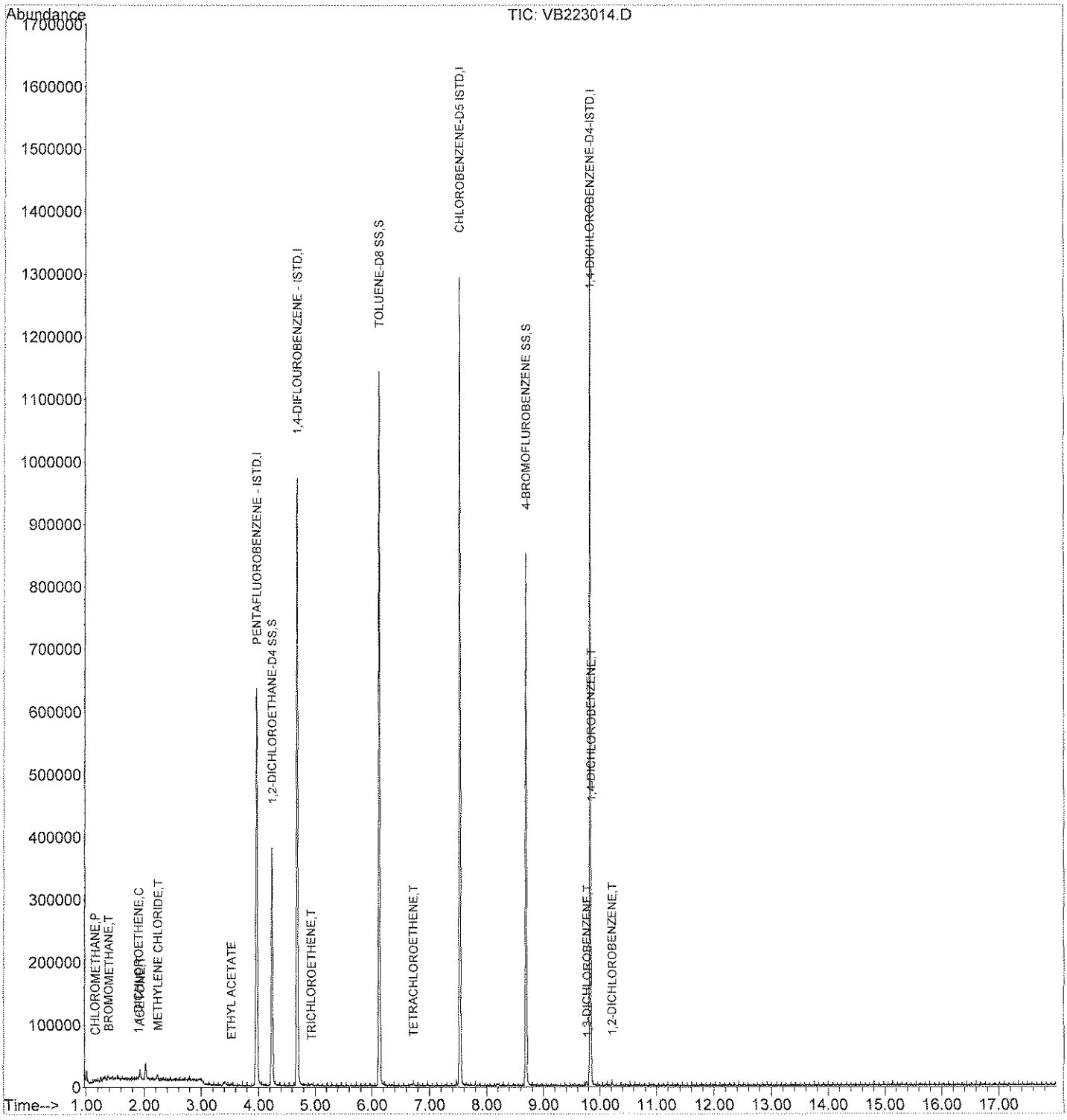
Quant Time: Aug 12 08:32:42 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

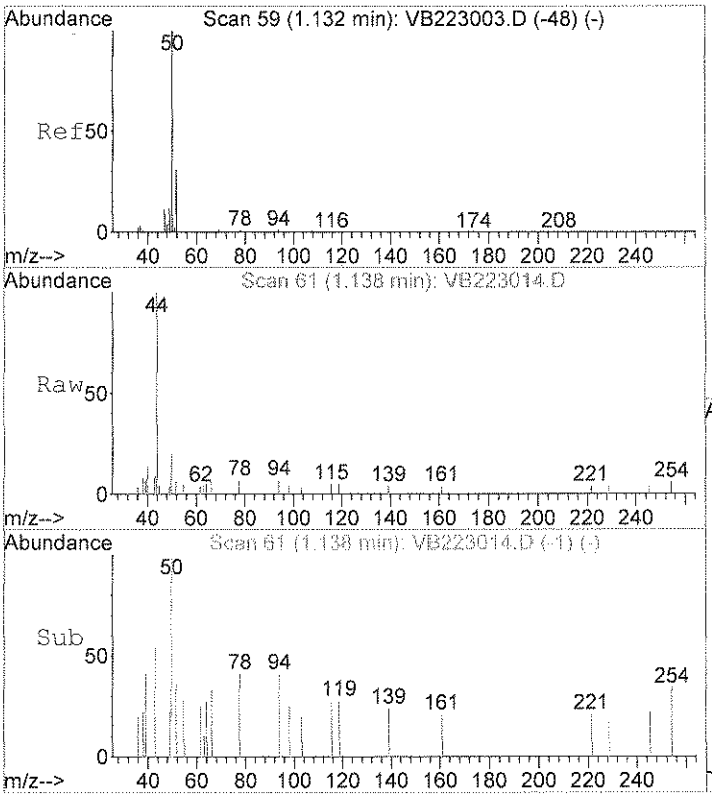
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	371938	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	606037	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	301661	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	288864	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	228446	27.43	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.72%			
42) TOLUENE-D8 SS	6.13	98	566018	24.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.76%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	214495	23.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.96%			
Target Compounds						Qvalue
5) CHLOROMETHANE	1.14	50	1264m	0.18	UG/L	
7) BROMOMETHANE	1.38	94	2725m	0.99	UG/L	
13) ACETONE	1.93	43	13707	7.61	UG/L	100
14) 1,1-DICHLOROETHENE	1.89	61	795	0.12	UG/L #	17
16) IODOMETHANE	2.07	142	251	Below Cal		98
20) METHYLENE CHLORIDE	2.23	49	3461	0.45	UG/L	95
31) ETHYL ACETATE	3.52	43	2786m	0.33	UG/L	
44) TRICHLOROETHENE	4.92	95	642m	0.12	UG/L	
58) TETRACHLOROETHENE	6.71	164	987m	0.26	UG/L	
85) 1,3-DICHLOROBENZENE	9.75	146	2029	0.18	UG/L #	73
87) 1,4-DICHLOROBENZENE	9.85	146	2404	0.20	UG/L #	26
89) 1,2-DICHLOROBENZENE	10.20	146	1135	0.10	UG/L #	62

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223014.D
Acq On : 11 Aug 2011 7:06 pm
Operator : LBD/MFF
Sample : 11H0373-01@ tb
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 08:32:42 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

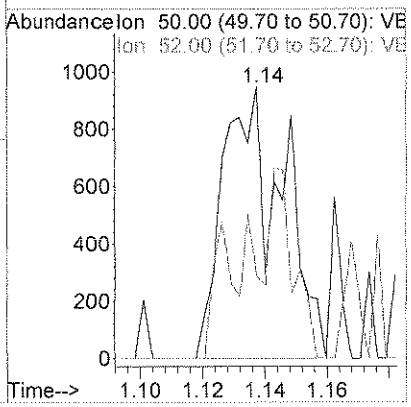


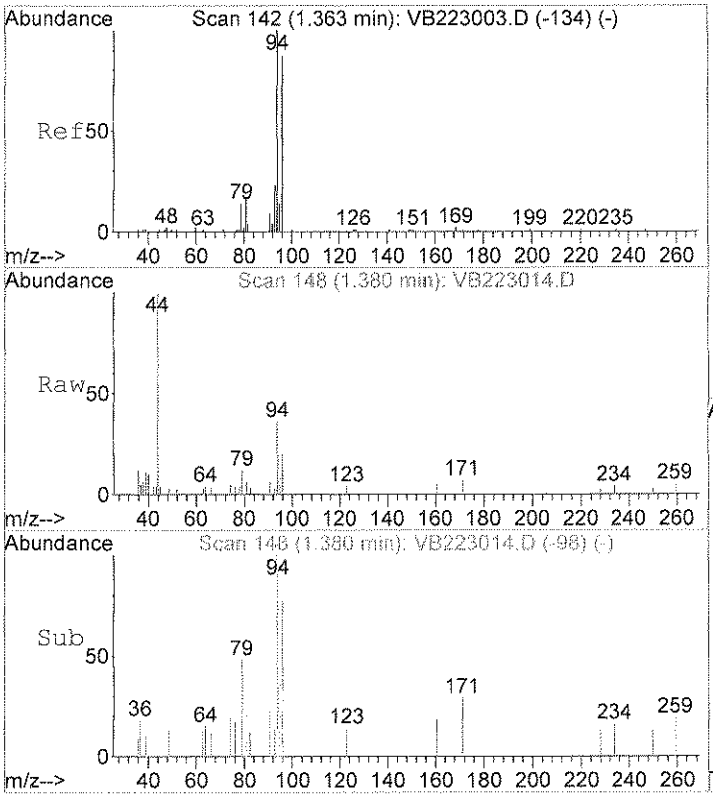


#5
CHLOROMETHANE
Concen: 0.18 UG/L m
RT: 1.14 min Scan# 61
Delta R.T. 0.00 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion: 50 Resp: 1264

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	36.8#

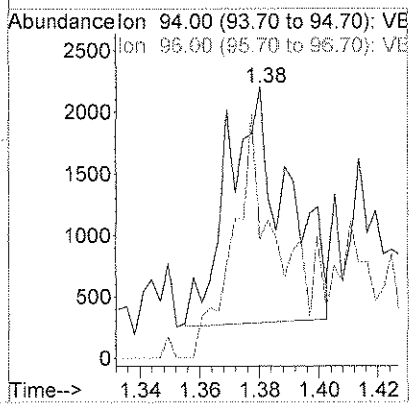


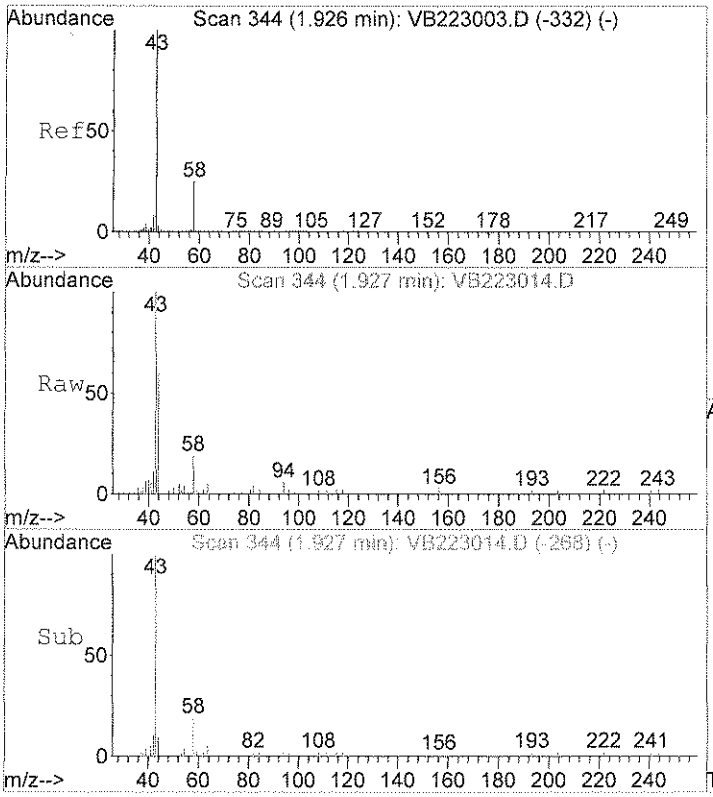


#7
BROMOMETHANE
Concen: 0.99 UG/L m
RT: 1.38 min Scan# 148
Delta R.T. 0.02 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion: 94 Resp: 2725

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.0	111.0#

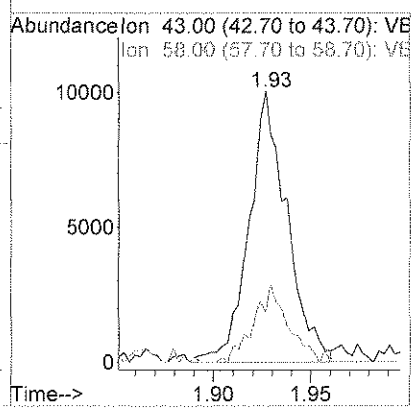


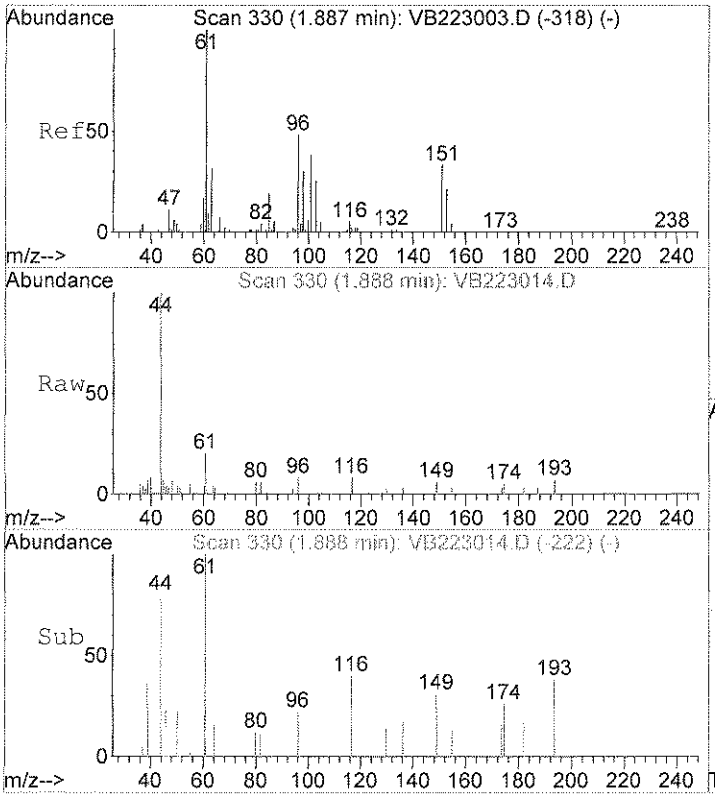


#13
ACETONE
Concen: 7.61 UG/L
RT: 1.93 min Scan# 344
Delta R.T. 0.00 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion: 43 Resp: 13707

Ion	Ratio	Lower	Upper
43	100		
58	25.4	20.2	30.2

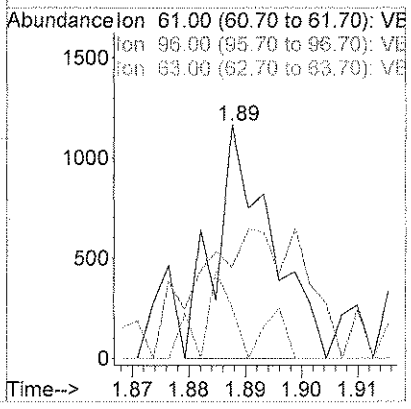


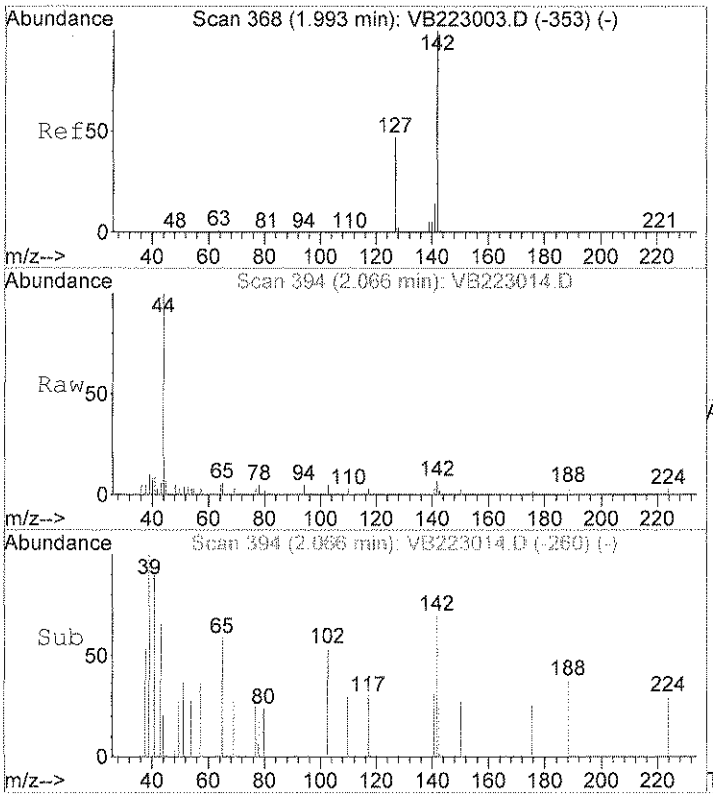


#14
1,1-DICHLOROETHENE
Concen: 0.12 UG/L
RT: 1.89 min Scan# 330
Delta R.T. 0.00 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion: 61 Resp: 795

Ion	Ratio	Lower	Upper
61	100		
96	118.1	39.8	59.8#
63	0.0	24.6	37.0#

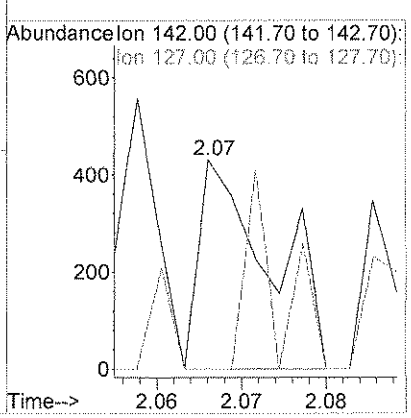


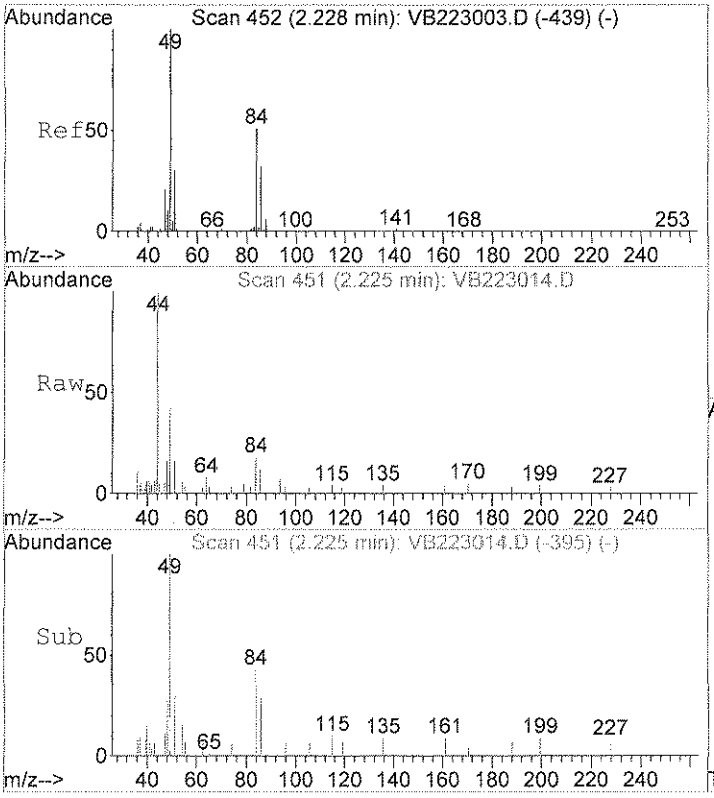


#16
IODOMETHANE
Concen: Below Cal
RT: 2.07 min Scan# 394
Delta R.T. 0.07 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion:142 Resp: 251

Ion	Ratio	Lower	Upper
142	100		
127	44.6	34.5	51.7

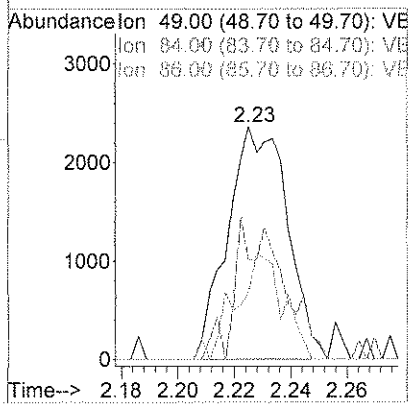


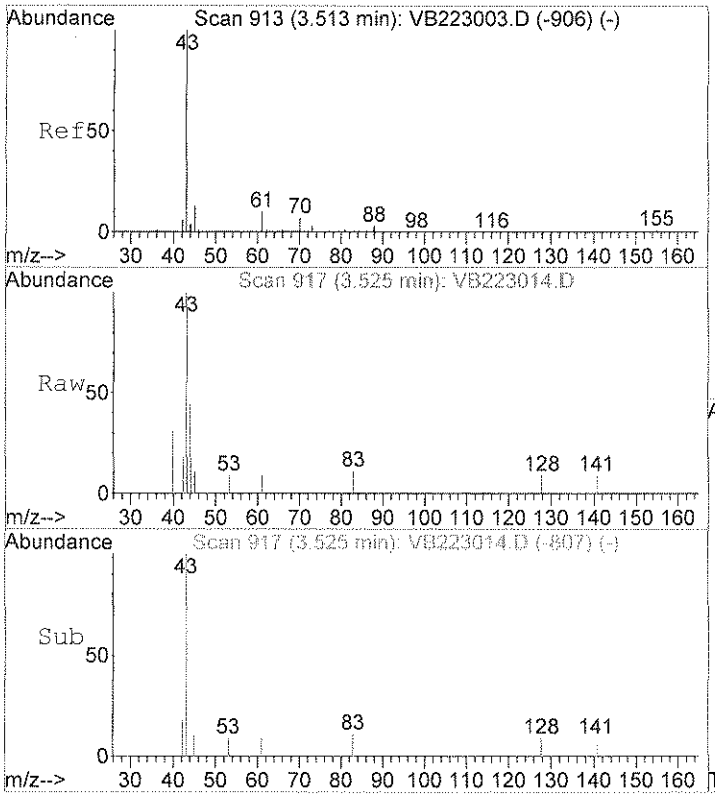


#20
METHYLENE CHLORIDE
Concen: 0.45 UG/L
RT: 2.23 min Scan# 451
Delta R.T. -0.00 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion: 49 Resp: 3461

Ion	Ratio	Lower	Upper
49	100		
84	48.6	41.1	61.7
86	36.3	26.5	39.7

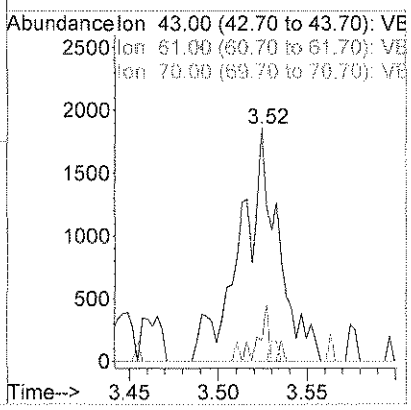


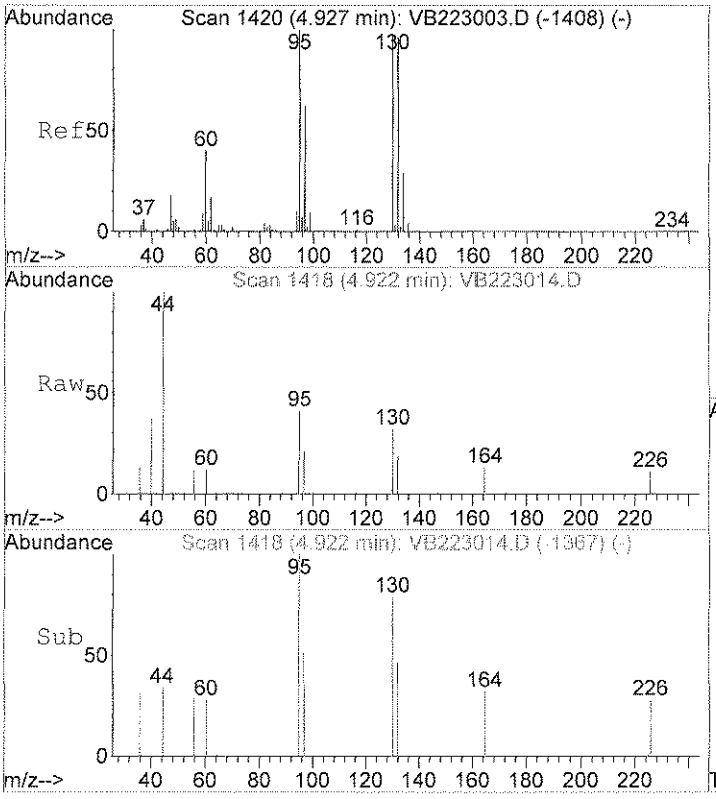


#31
ETHYL ACETATE
Concen: 0.33 UG/L m
RT: 3.52 min Scan# 917
Delta R.T. 0.01 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion: 43 Resp: 2786

Ion	Ratio	Lower	Upper
43	100		
61	5.8	9.4	14.2#
70	0.0	6.3	9.5#

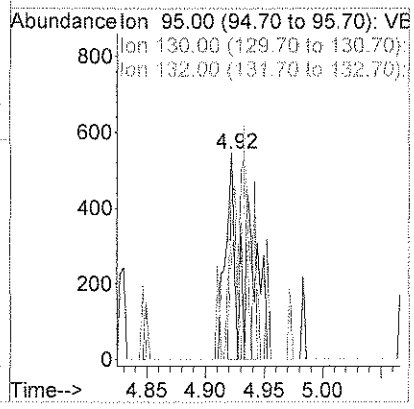


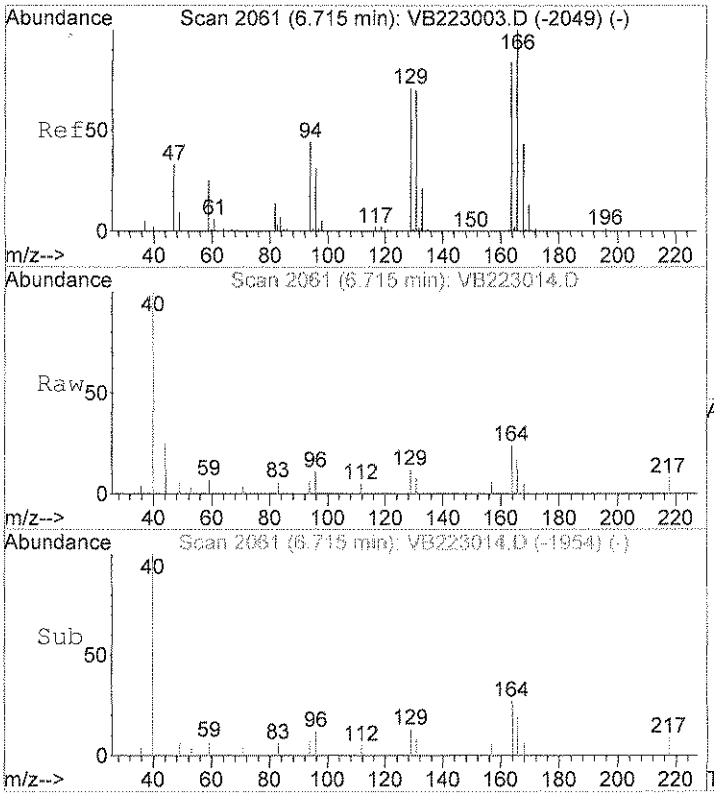


#44
TRICHLOROETHENE
Concen: 0.12 UG/L m
RT: 4.92 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion: 95 Resp: 642

Ion	Ratio	Lower	Upper
95	100		
130	0.0	77.0	115.6#
132	0.0	78.0	117.0#

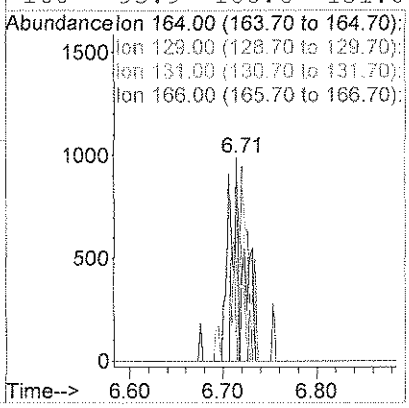


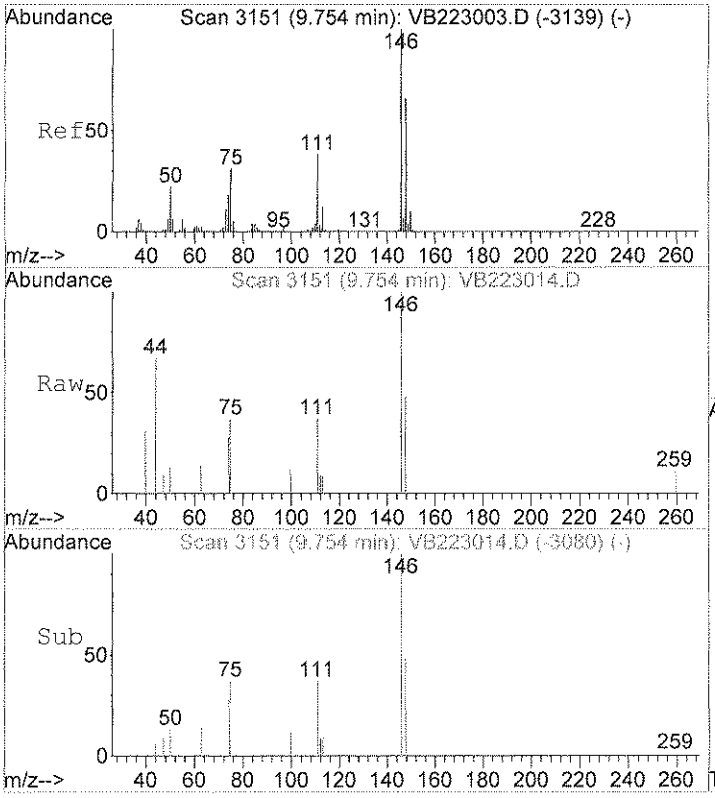


#58
TETRACHLOROETHENE
Concen: 0.26 UG/L m
RT: 6.71 min Scan# 2061
Delta R.T. -0.00 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion:164 Resp: 987

Ion	Ratio	Lower	Upper
164	100		
129	0.0	70.1	105.1#
131	0.0	70.2	105.4#
166	93.9	100.6	151.0#

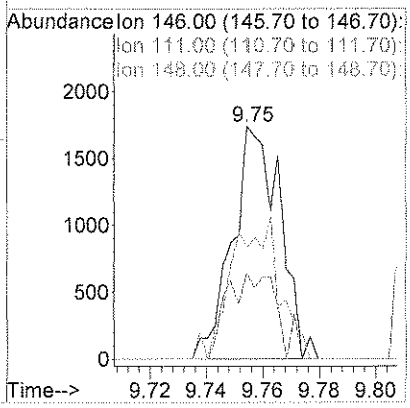


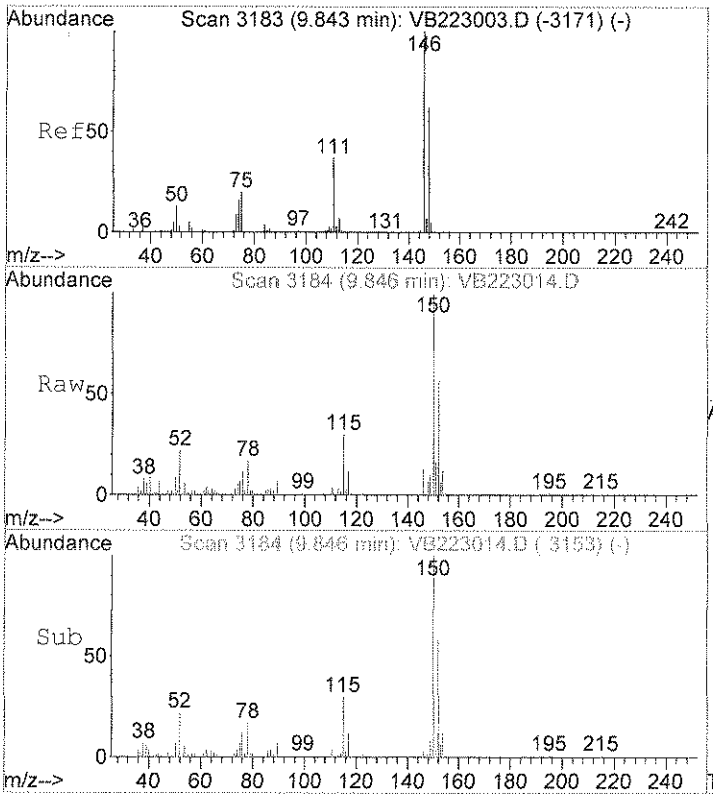


#85
1,3-DICHLOROBENZENE
Concen: 0.18 UG/L
RT: 9.75 min Scan# 3151
Delta R.T. -0.00 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion:146 Resp: 2029

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.3	46.9#
148	60.9	51.0	76.6

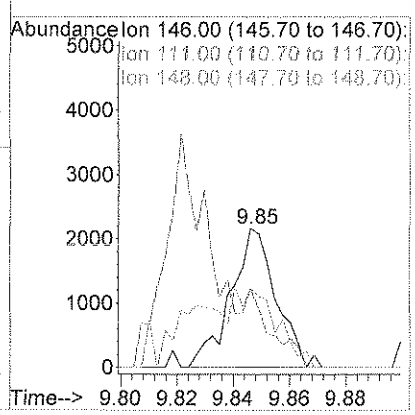


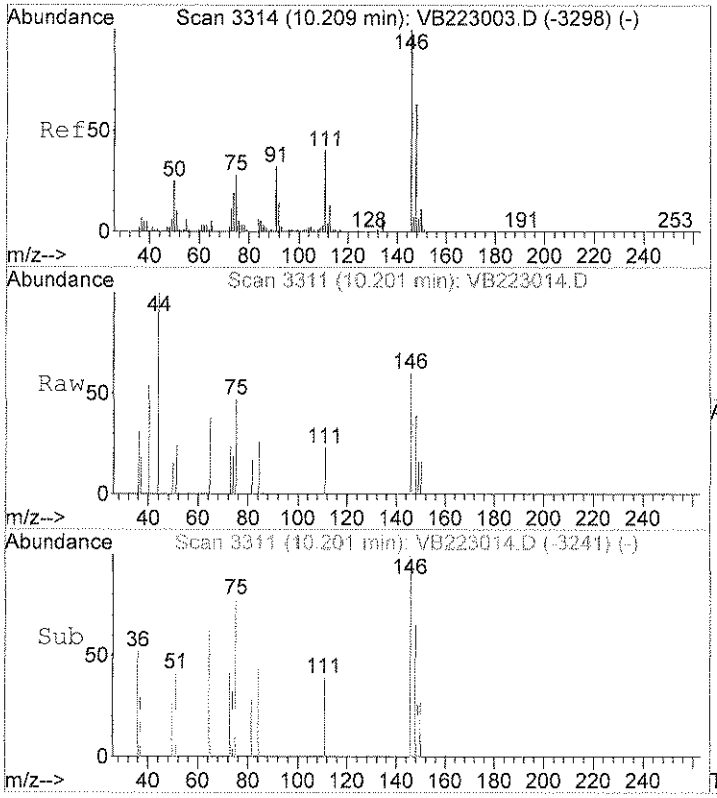


#87
1,4-DICHLOROBENZENE
Concen: 0.20 UG/L
RT: 9.85 min Scan# 3184
Delta R.T. 0.00 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

Tgt Ion:146 Resp: 2404

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.1	45.1#
148	0.0	50.8	76.2#

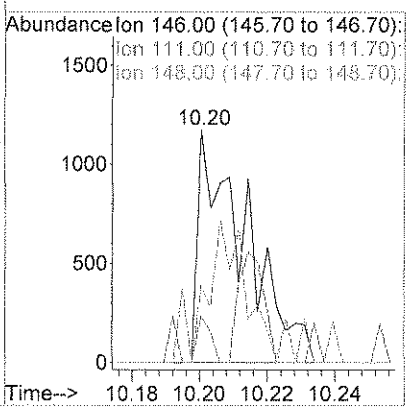




#89
1,2-DICHLOROBENZENE
Concen: 0.10 UG/L
RT: 10.20 min Scan# 3311
Delta R.T. -0.01 min
Lab File: VB223014.D
Acq: 11 Aug 2011 7:06 pm

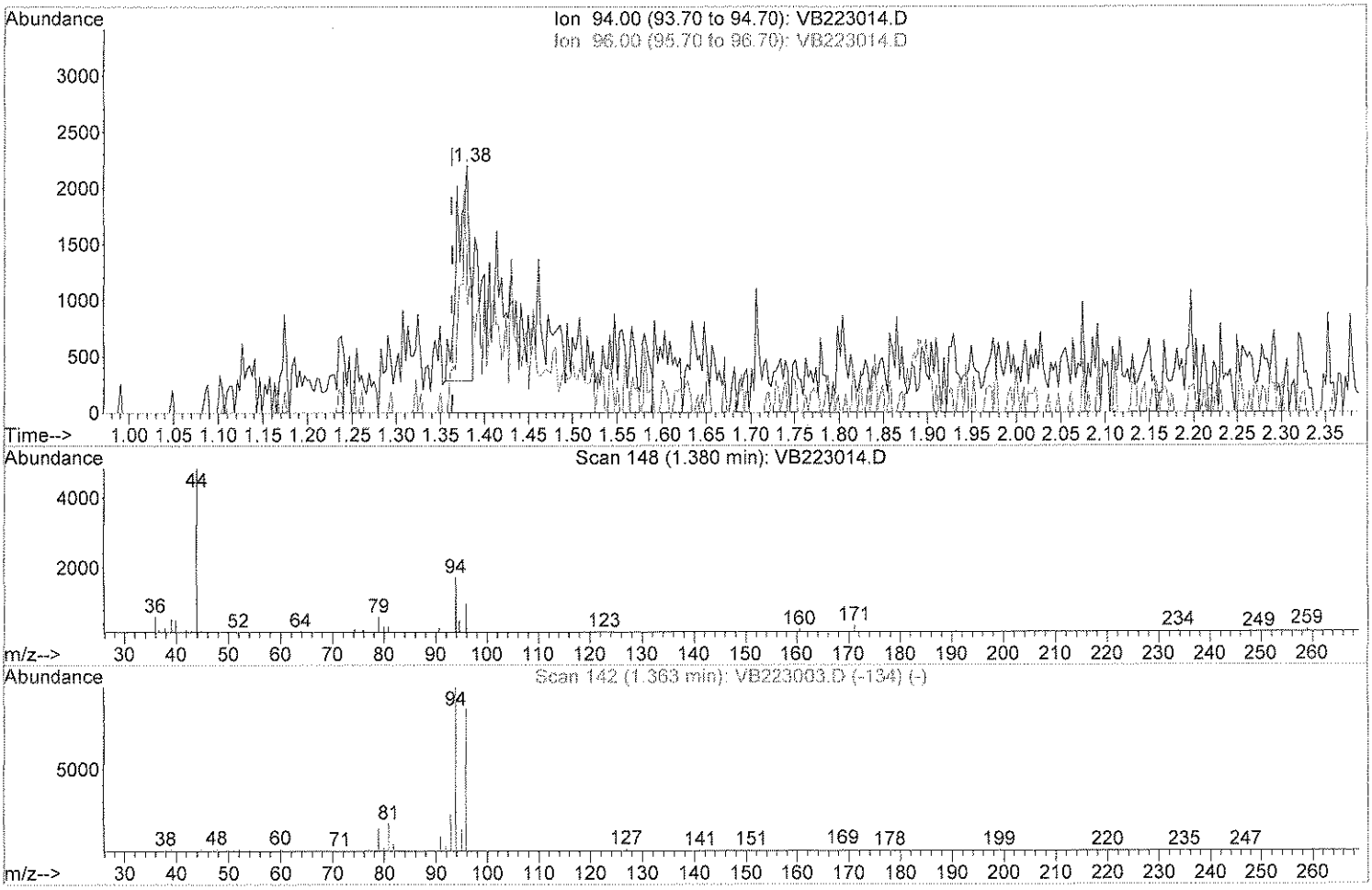
Tgt Ion:146 Resp: 1135

Ion	Ratio	Lower	Upper
146	100		
111	0.0	32.2	48.4#
148	47.1	50.9	76.3#



Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223014.D
Acq On : 11 Aug 2011 7:06 pm
Operator : LBD/MFF
Sample : 11H0373-01@ tb
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 08:06:04 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223014.D

(7) BROMOMETHANE (T)

1.380min (+0.017) 0.68UG/L

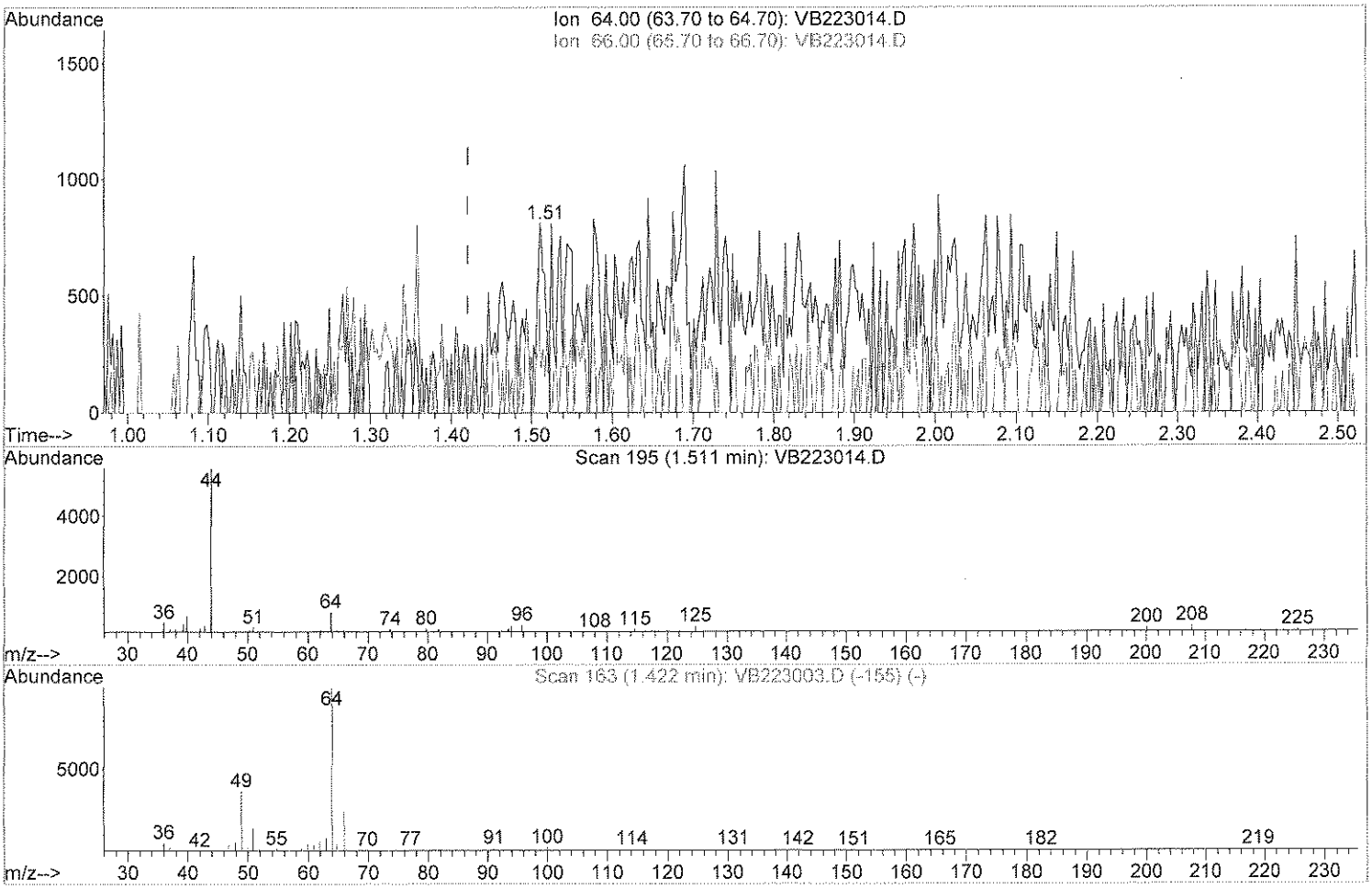
response 1855

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	108.36
0.00	0.00	0.00
0.00	0.00	0.00

3

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223014.D
Acq On : 11 Aug 2011 7:06 pm
Operator : LBD/MFF
Sample : 11H0373-01@ tb
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 08:06:04 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223014.D

(8) CHLOROETHANE (T)

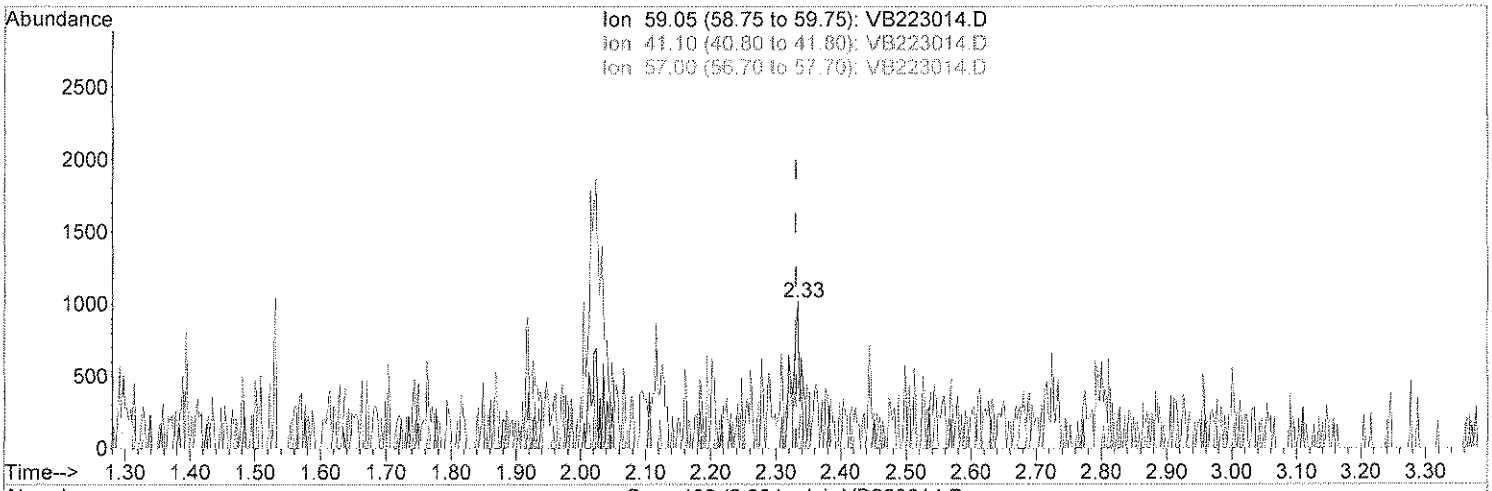
1.511min (+0.090) 0.22UG/L

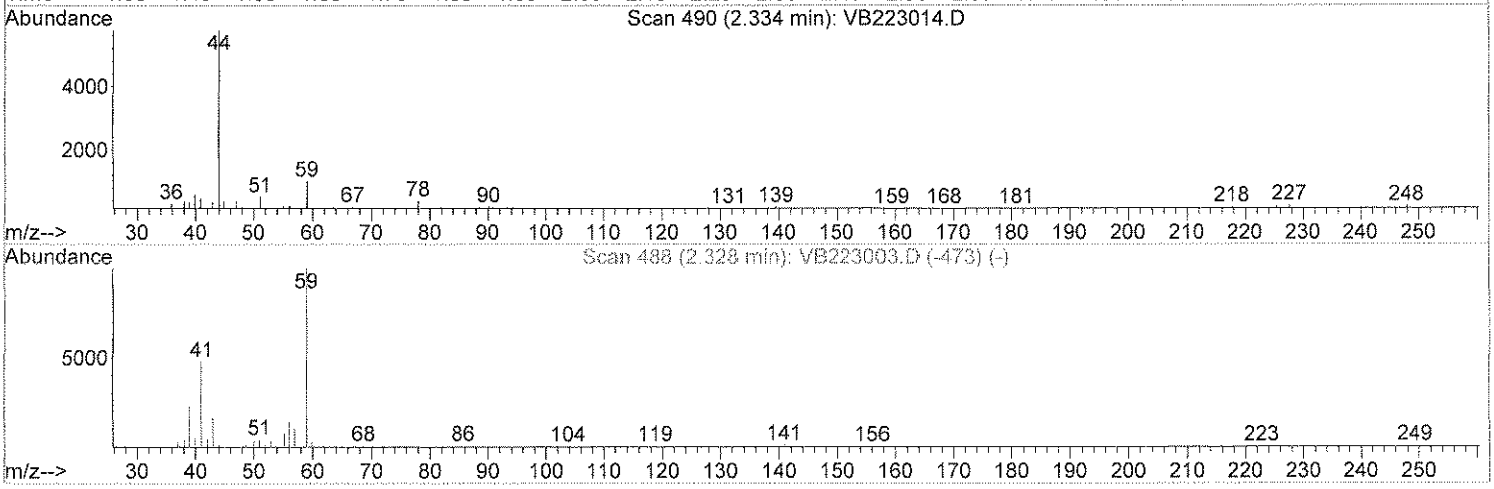
response 620

Ion	Exp%	Act%
64.00	100	100
66.00	30.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223014.D
Acq On : 11 Aug 2011 7:06 pm
Operator : LBD/MFF
Sample : 11H0373-01@ tb
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 08:06:04 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration





TIC: VB223014.D

(18) T-BUTYL ALCOHOL

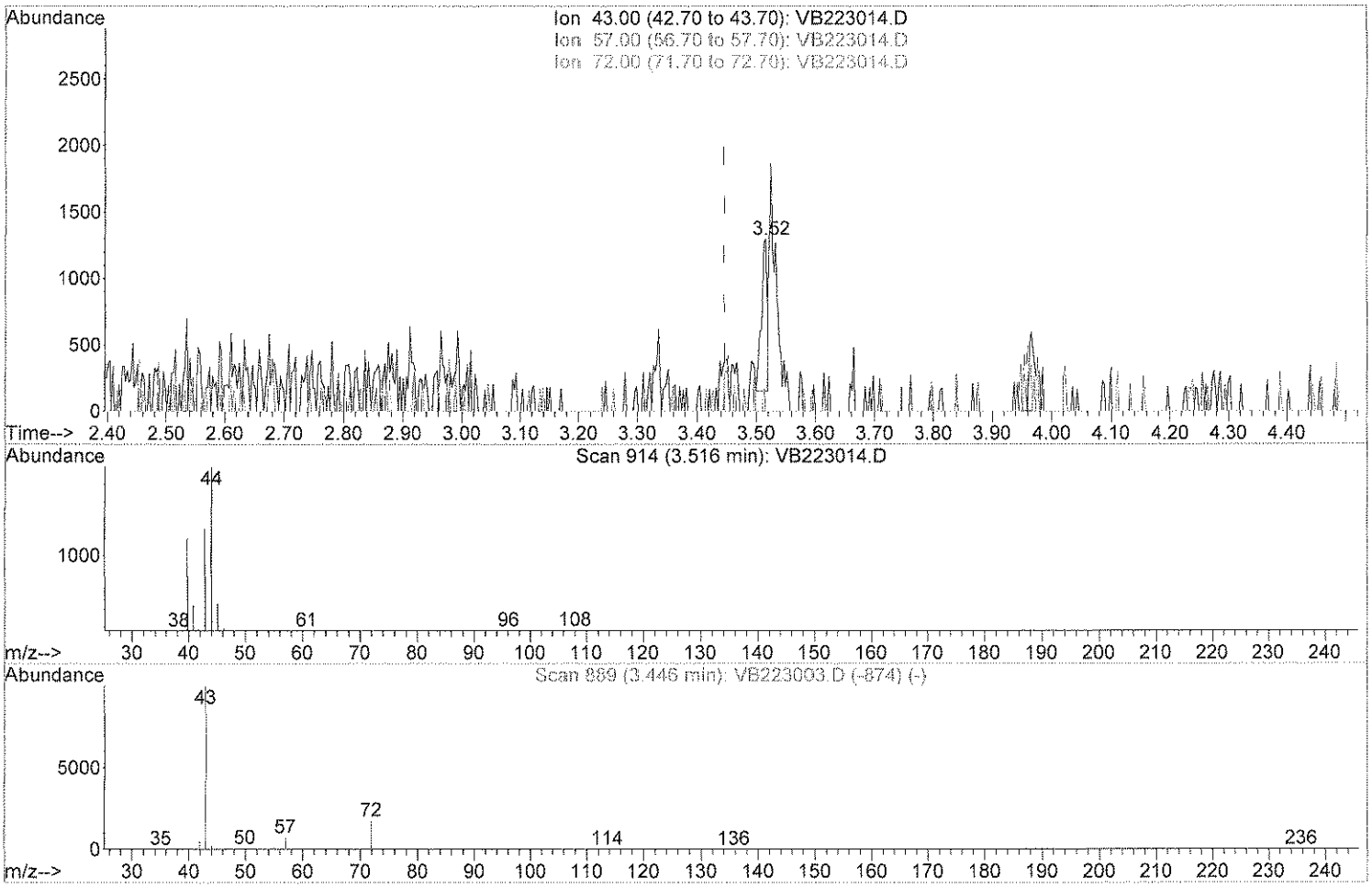
2.334min (+0.003) 1.72UG/L

response 690

Ion	Exp%	Act%
59.05	100	100
41.10	34.90	0.00#
57.00	11.00	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223014.D
Acq On : 11 Aug 2011 7:06 pm
Operator : LBD/MFF
Sample : 11H0373-01@ tb
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 08:06:04 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223014.D

(27) 2-BUTANONE (T)

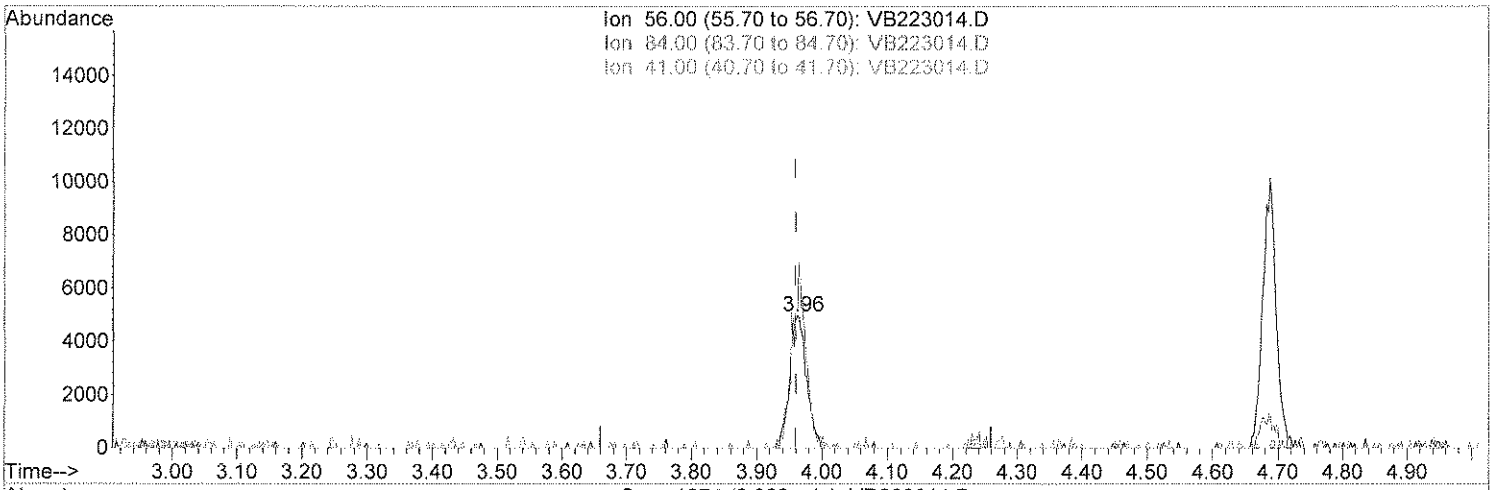
3.516min (+0.070) 0.22UG/L

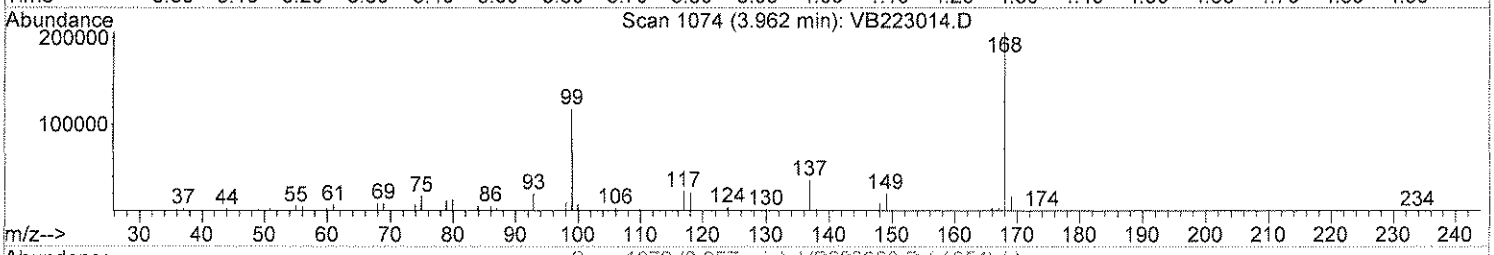
response 782

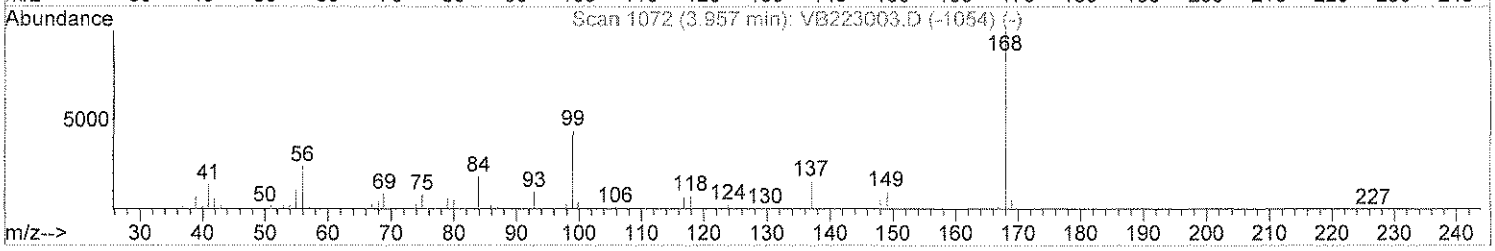
Ion	Exp%	Act%
43.00	100	100
57.00	7.10	0.00#
72.00	18.50	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223014.D
Acq On : 11 Aug 2011 7:06 pm
Operator : LBD/MFF
Sample : 11H0373-01@ tb
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 08:06:04 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration







TIC: VB223014.D

(36) CYCLOHEXANE

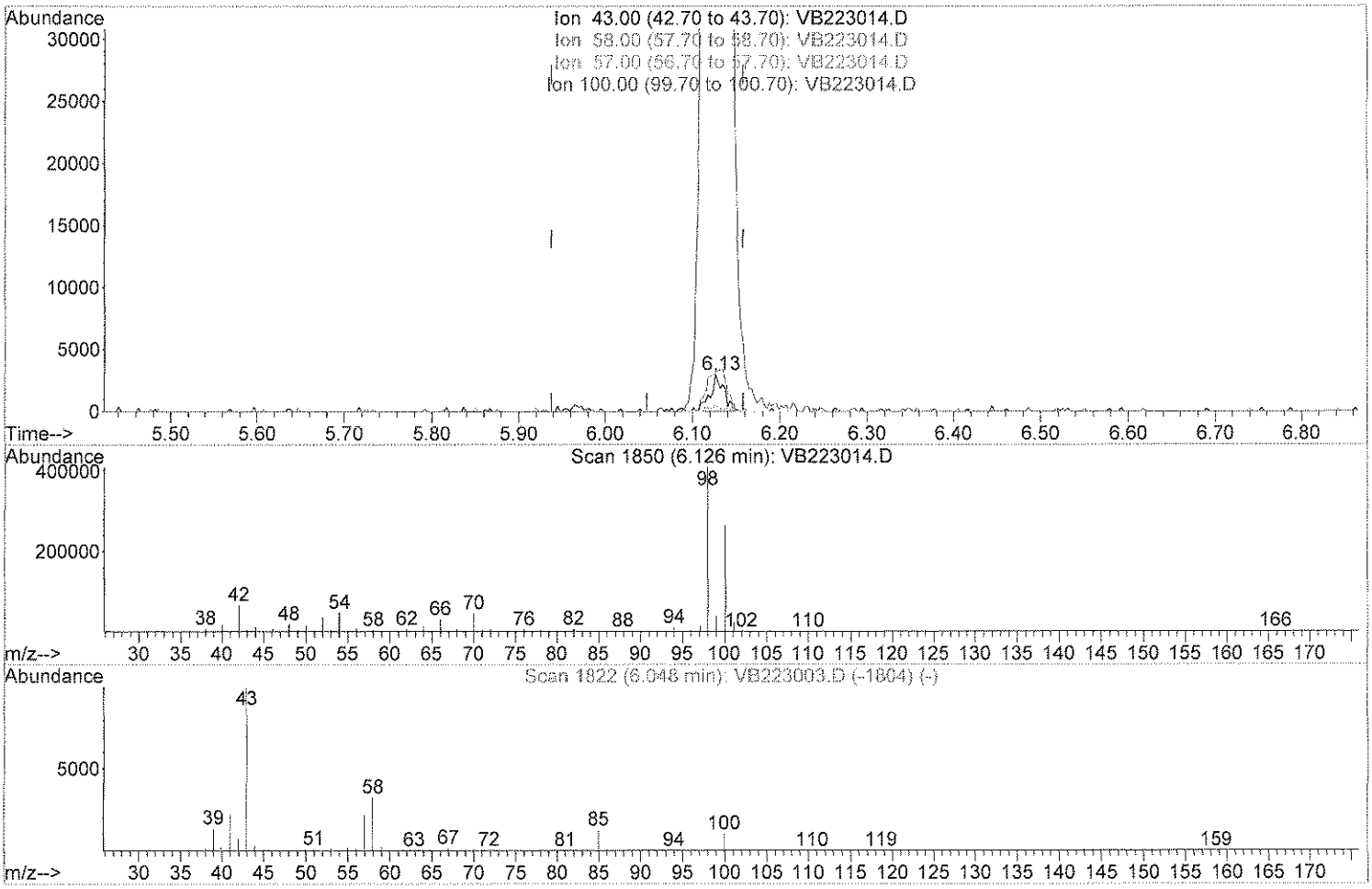
3.962min (+0.003) 0.96UG/L

response 8816

Ion	Exp%	Act%
56.00	100	100
84.00	67.60	115.43#
41.00	59.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223014.D
Acq On : 11 Aug 2011 7:06 pm
Operator : LBD/MFF
Sample : 11H0373-01@ tb
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 12 08:06:04 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223014.D

(51) MIBK (T)

6.126min (+0.078) 0.45UG/L

response 3173

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	163.28#
57.00	24.10	0.00#
100.00	11.00	11304.66#

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-02	File ID:	VB223020.D
Sampled:	08/08/11 10:25	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 22:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW15-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-02	File ID:	VB223020.D
Sampled:	08/08/11 10:25	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 22:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW15-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-02	File ID:	VB223020.D
Sampled:	08/08/11 10:25	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 22:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW15-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-02	File ID:	VB223020.D
Sampled:	08/08/11 10:25	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 22:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223020.D
Acq On : 11 Aug 2011 10:20 pm
Operator : LBD/MFF
Sample : 11H0373-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 12 2011

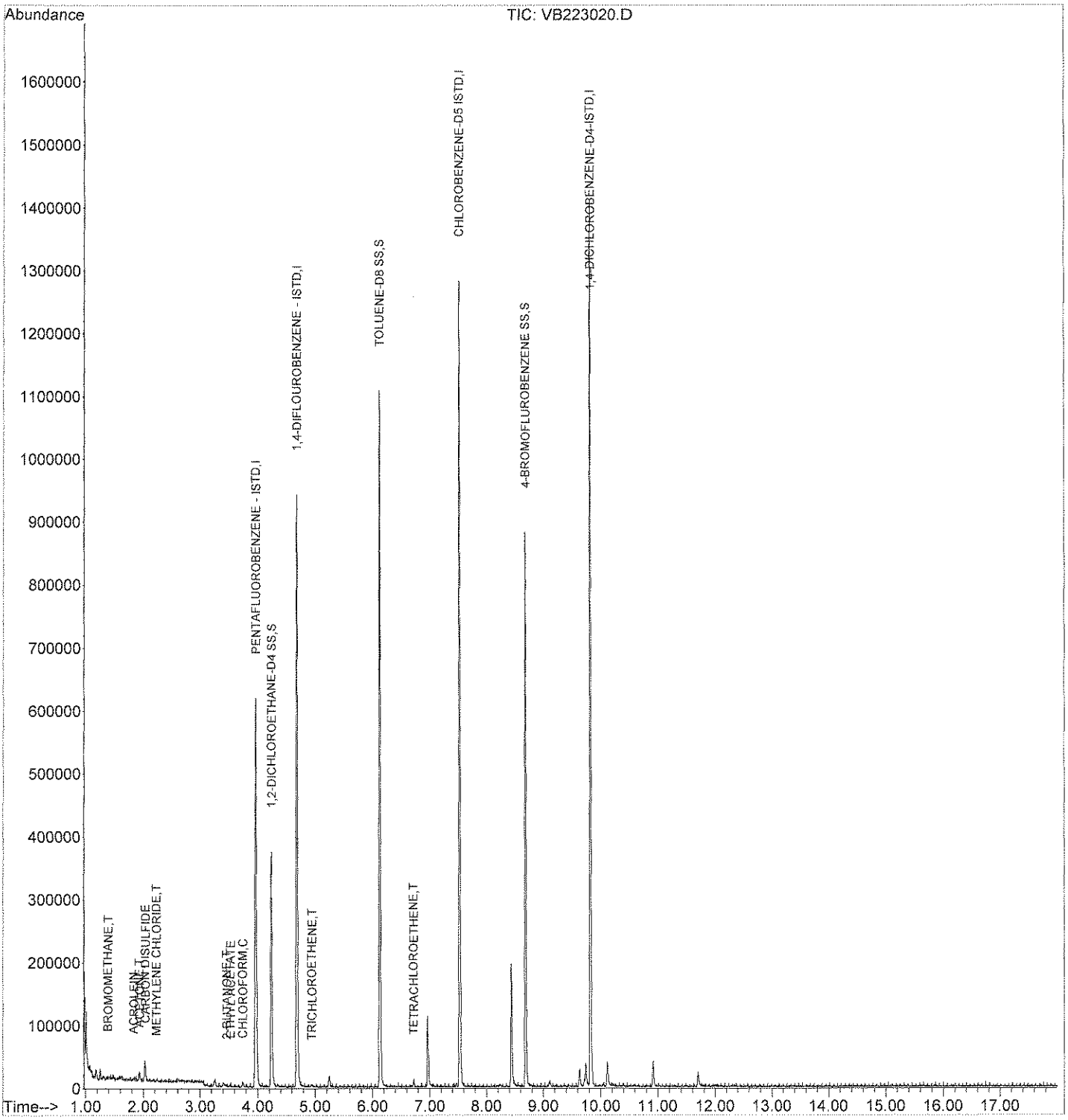
Quant Time: Aug 12 08:42:42 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

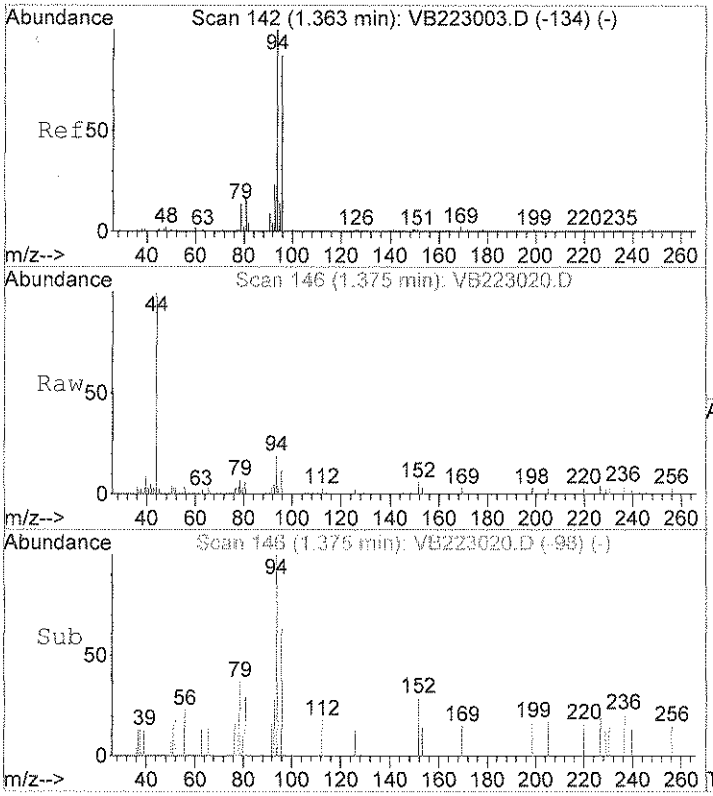
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	362403	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	596489	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	294006	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	295770	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	225773	27.82	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.28%			
42) TOLUENE-D8 SS	6.13	98	557246	24.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.76%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	222007	24.68	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.72%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.37	94	1050	0.39	UG/L #	67
12) ACROLEIN	1.82	56	914	2.40	UG/L #	13
13) ACETONE	1.93	43	13058	7.44	UG/L	99
16) IODOMETHANE	2.01	142	524	Below Cal		89
20) METHYLENE CHLORIDE	2.23	49	900	0.12	UG/L #	66
21) CARBON DISULFIDE	2.04	76	1416	0.18	UG/L #	70
27) 2-BUTANONE	3.46	43	2234m	0.66	UG/L	
31) ETHYL ACETATE	3.52	43	2606	0.31	UG/L #	89
34) CHLOROFORM	3.74	83	3393m	0.39	UG/L	
44) TRICHLOROETHENE	4.93	95	810	0.16	UG/L #	1
58) TETRACHLOROETHENE	6.71	164	1100	0.29	UG/L	88

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223020.D
Acq On : 11 Aug 2011 10:20 pm
Operator : LBD/MFF
Sample : 11H0373-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 12 08:42:42 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

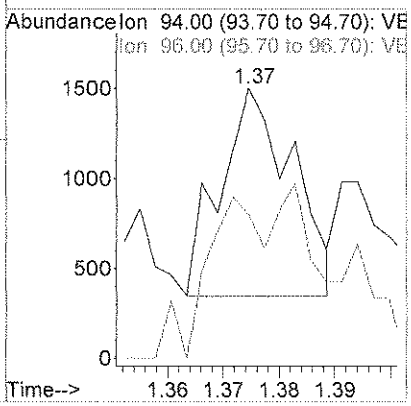


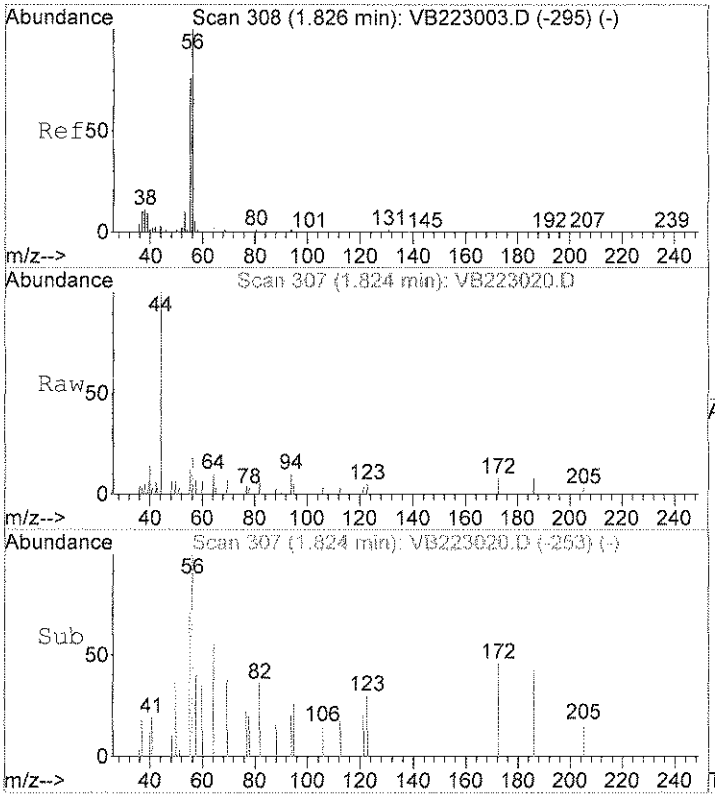


#7
BROMOMETHANE
Concen: 0.39 UG/L
RT: 1.37 min Scan# 146
Delta R.T. 0.01 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion: 94 Resp: 1050

Ion	Ratio	Lower	Upper
94	100		
96	60.8	74.0	111.0#

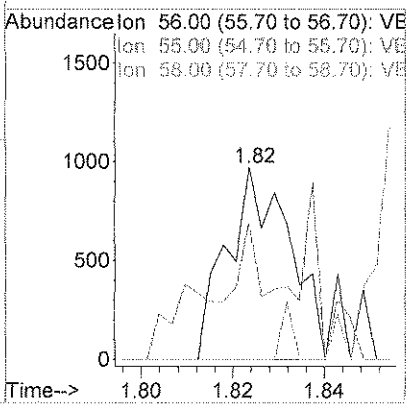


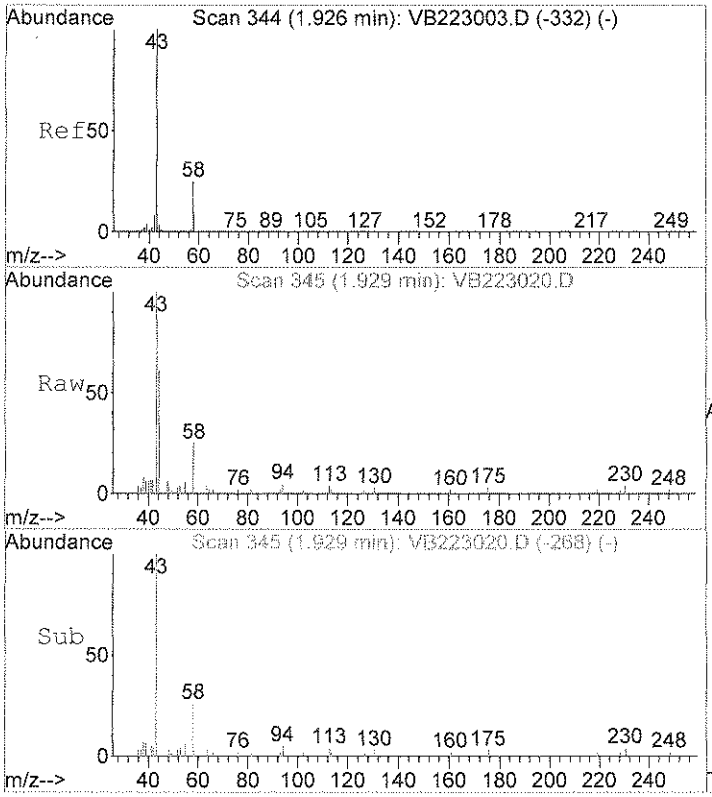


#12
ACROLEIN
Concen: 2.40 UG/L
RT: 1.82 min Scan# 307
Delta R.T. -0.00 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion: 56 Resp: 914

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.0	88.6#
58	0.0	0.4	0.6#

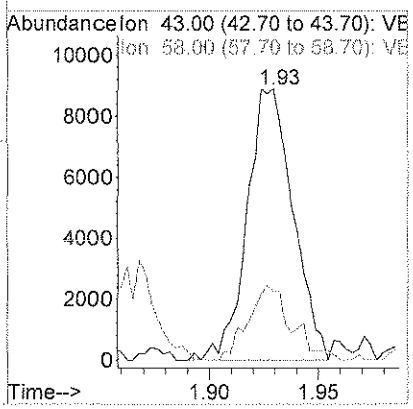


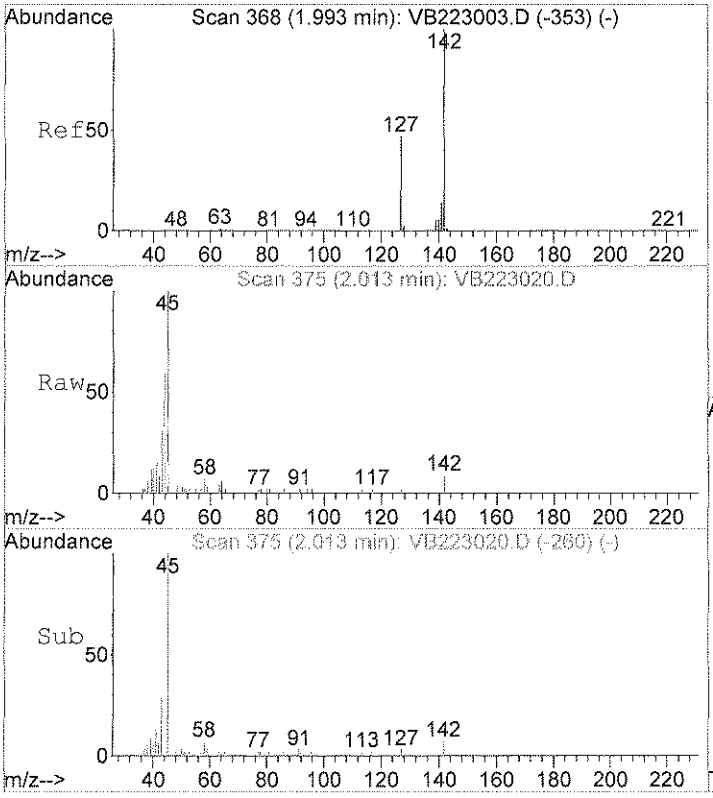


#13
ACETONE
Concen: 7.44 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion: 43 Resp: 13058

Ion	Ratio	Lower	Upper
43	100		
58	25.7	20.2	30.2

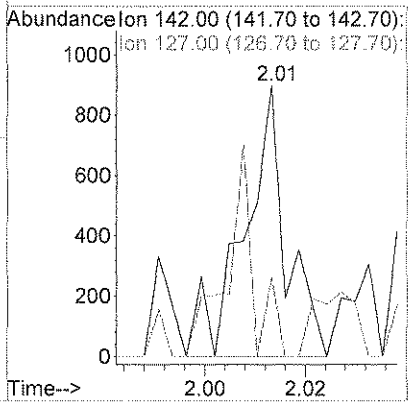


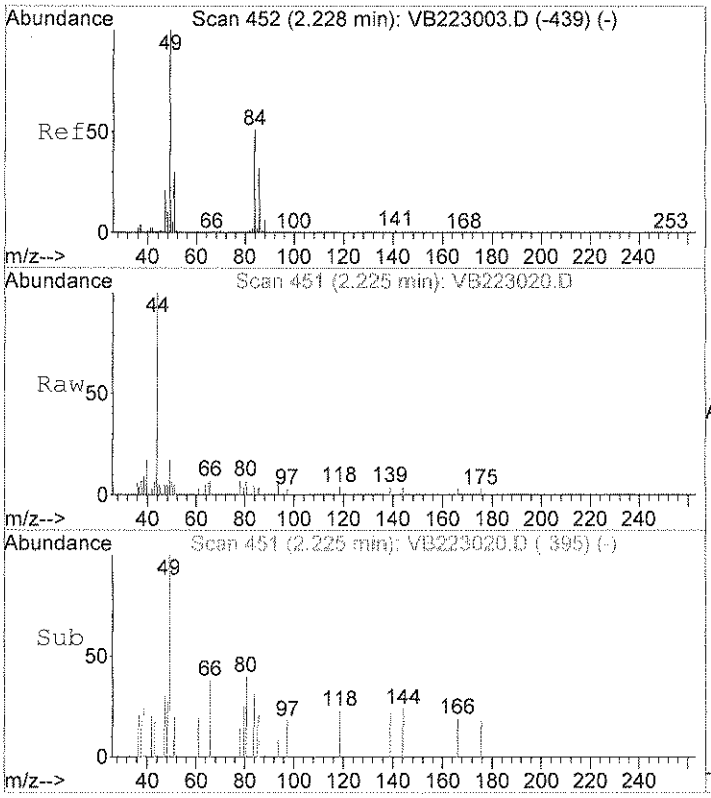


#16
IODOMETHANE
Concen: Below Cal
RT: 2.01 min Scan# 375
Delta R.T. 0.02 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion:142 Resp: 524

Ion	Ratio	Lower	Upper
142	100		
127	50.0	34.5	51.7

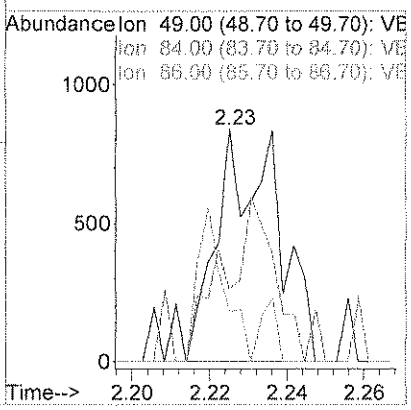


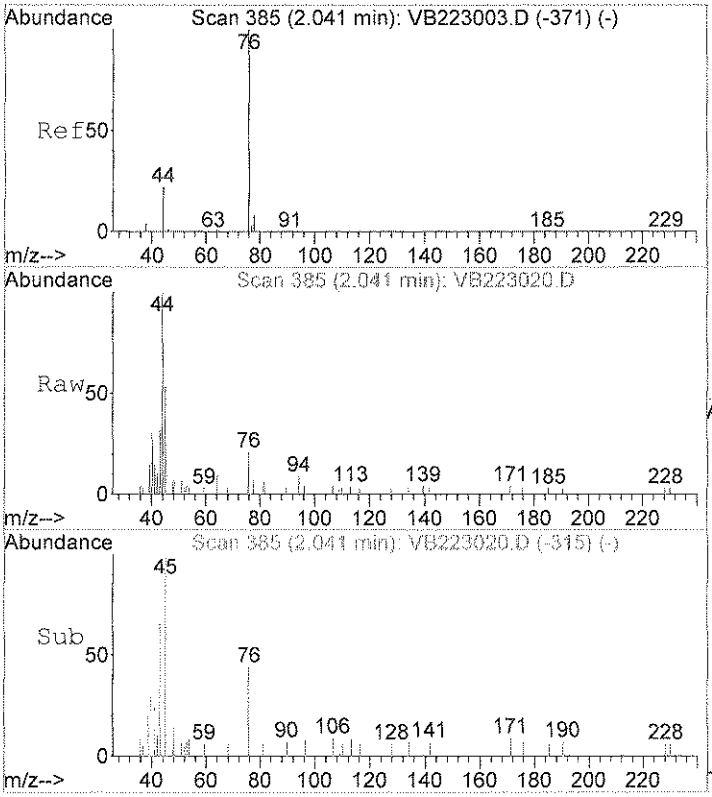


#20
METHYLENE CHLORIDE
Concen: 0.12 UG/L
RT: 2.23 min Scan# 451
Delta R.T. -0.00 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion: 49 Resp: 900

Ion	Ratio	Lower	Upper
49	100		
84	63.9	41.1	61.7#
86	0.0	26.5	39.7#

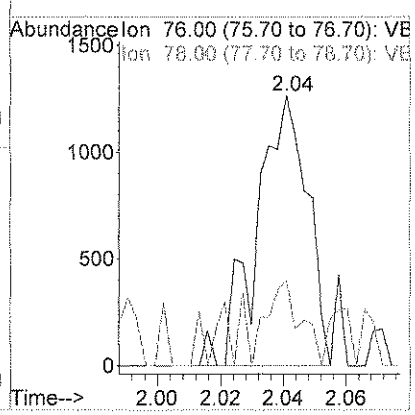


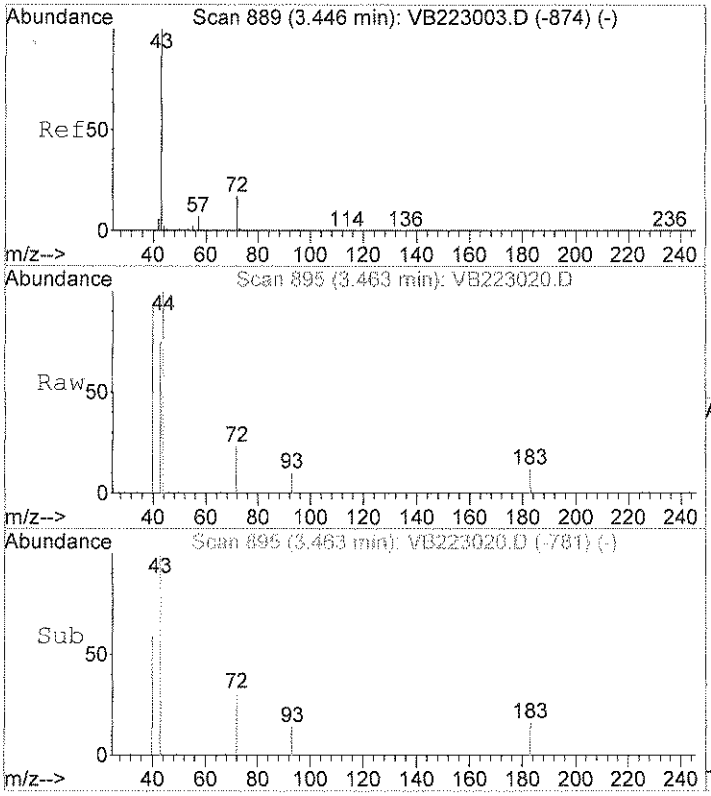


#21
CARBON DISULFIDE
Concen: 0.18 UG/L
RT: 2.04 min Scan# 385
Delta R.T. 0.00 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion: 76 Resp: 1416

Ion	Ratio	Lower	Upper
76	100		
78	0.0	9.3	13.9#

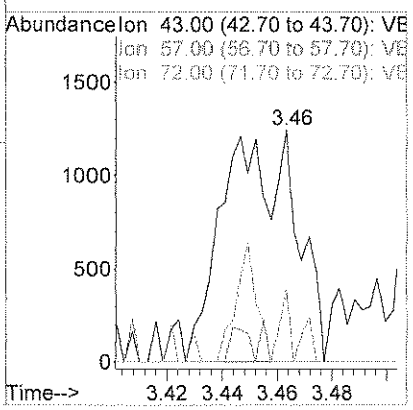


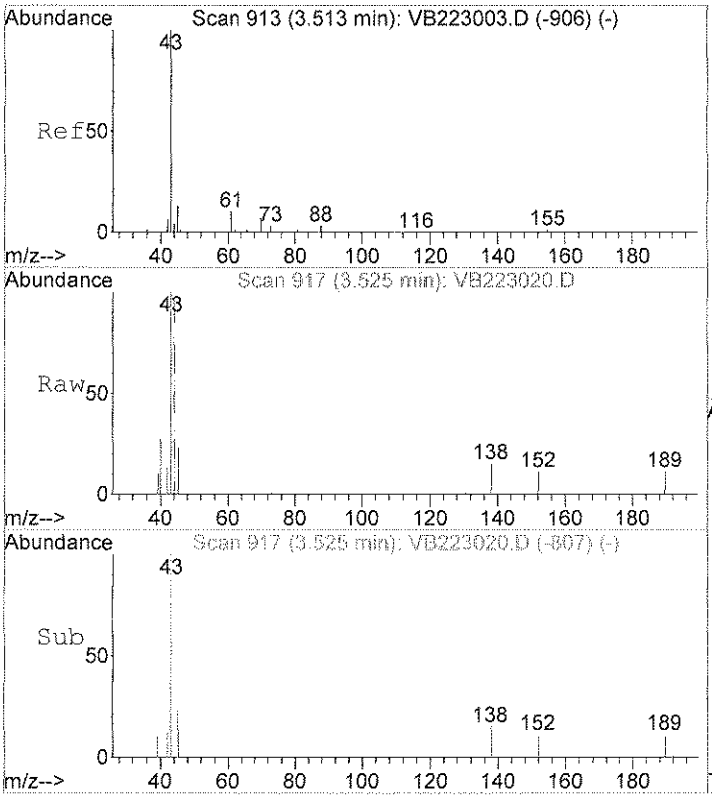


#27
2-BUTANONE
Concen: 0.66 UG/L m
RT: 3.46 min Scan# 895
Delta R.T. 0.02 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion: 43 Resp: 2234

Ion	Ratio	Lower	Upper
43	100		
57	0.0	5.7	8.5#
72	0.0	14.8	22.2#

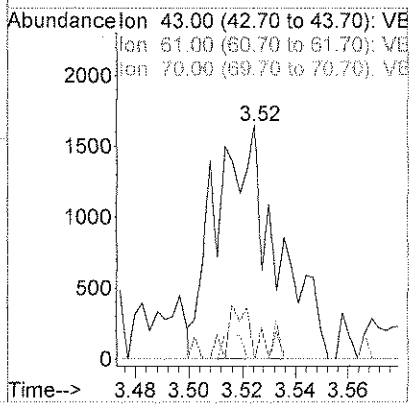


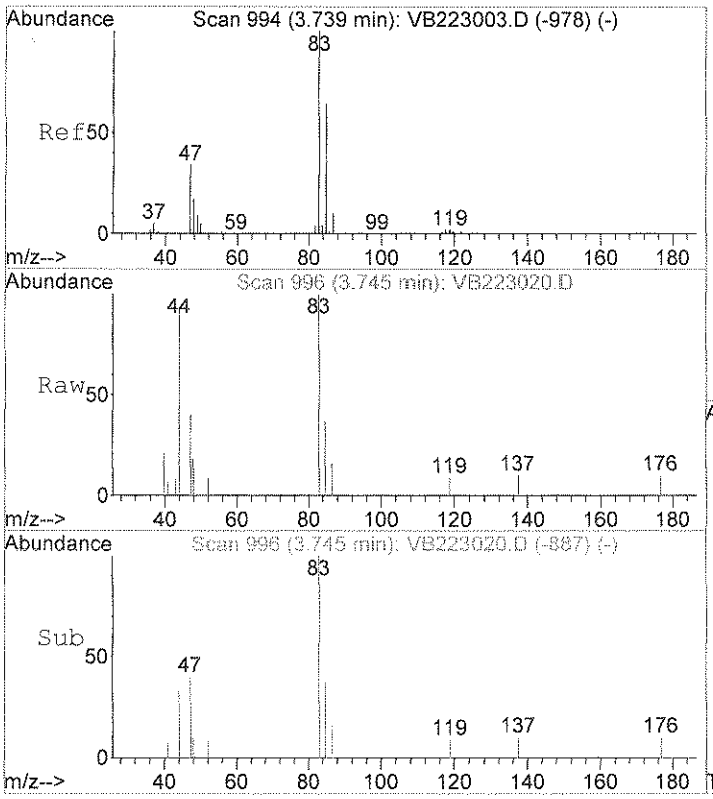


#31
ETHYL ACETATE
Concen: 0.31 UG/L
RT: 3.52 min Scan# 917
Delta R.T. 0.01 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion: 43 Resp: 2606

Ion	Ratio	Lower	Upper
43	100		
61	10.2	9.4	14.2
70	0.0	6.3	9.5#

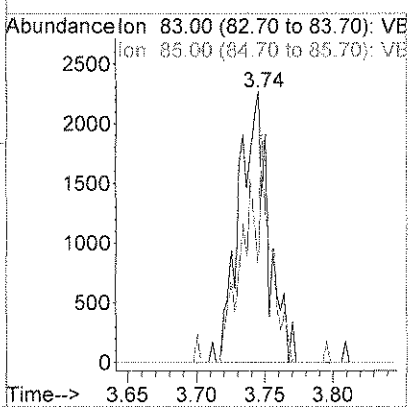


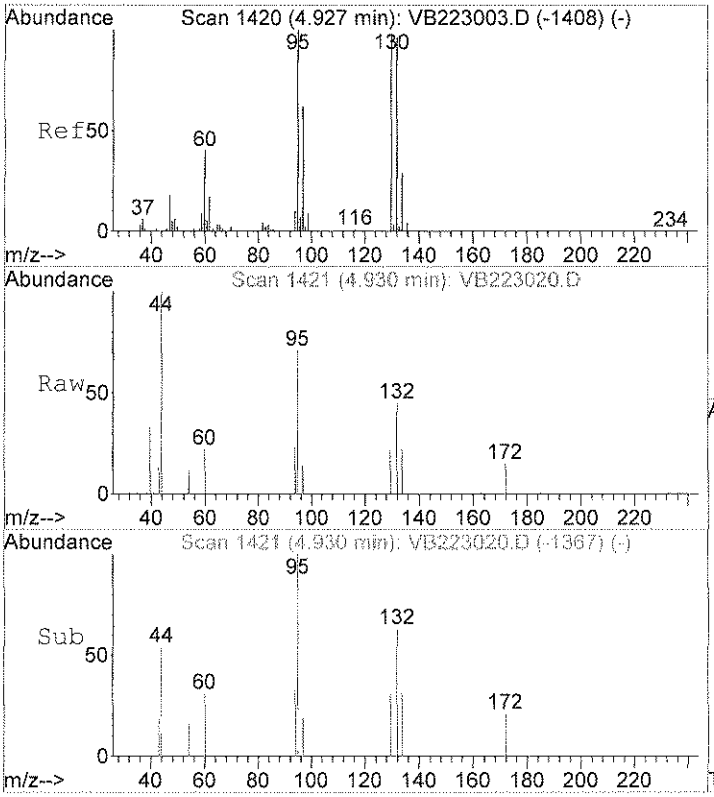


#34
CHLOROFORM
Concen: 0.39 UG/L m
RT: 3.74 min Scan# 996
Delta R.T. 0.00 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion: 83 Resp: 3393

Ion	Ratio	Lower	Upper
83	100		
85	40.0	51.2	76.8#

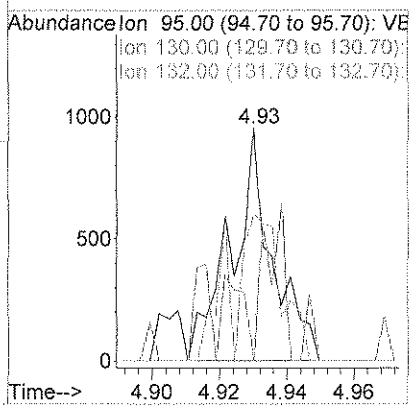


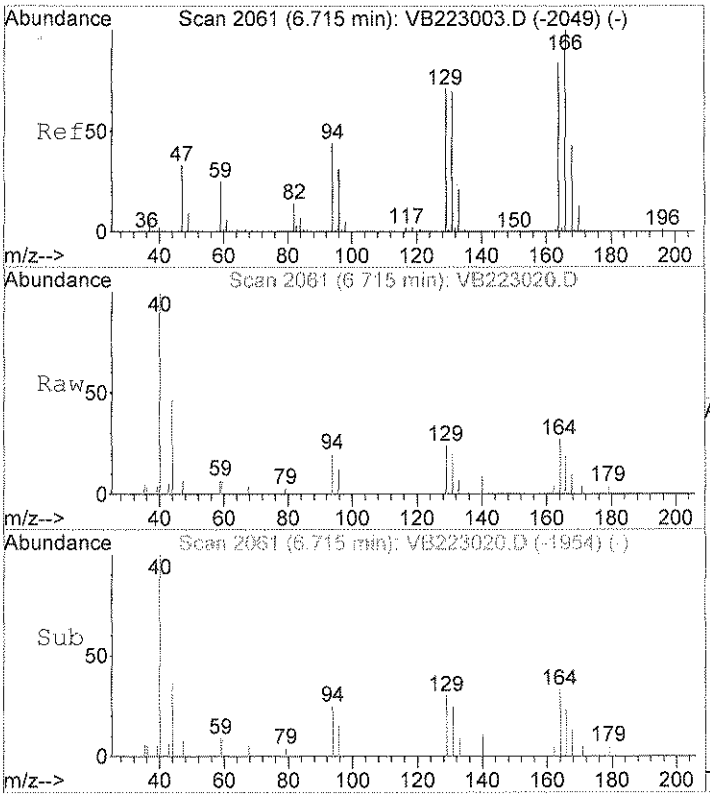


#44
TRICHLOROETHENE
Concen: 0.16 UG/L
RT: 4.93 min Scan# 1421
Delta R.T. 0.00 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

Tgt Ion: 95 Resp: 810

Ion	Ratio	Lower	Upper
95	100		
130	0.0	77.0	115.6#
132	0.0	78.0	117.0#

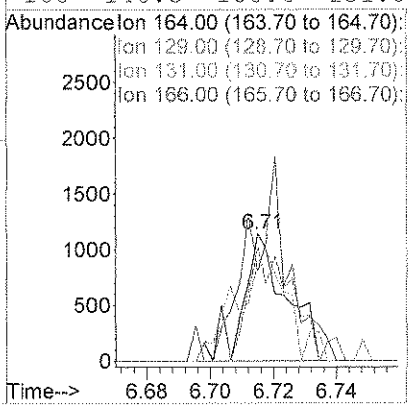




#58
TETRACHLOROETHENE
Concen: 0.29 UG/L
RT: 6.71 min Scan# 2061
Delta R.T. -0.00 min
Lab File: VB223020.D
Acq: 11 Aug 2011 10:20 pm

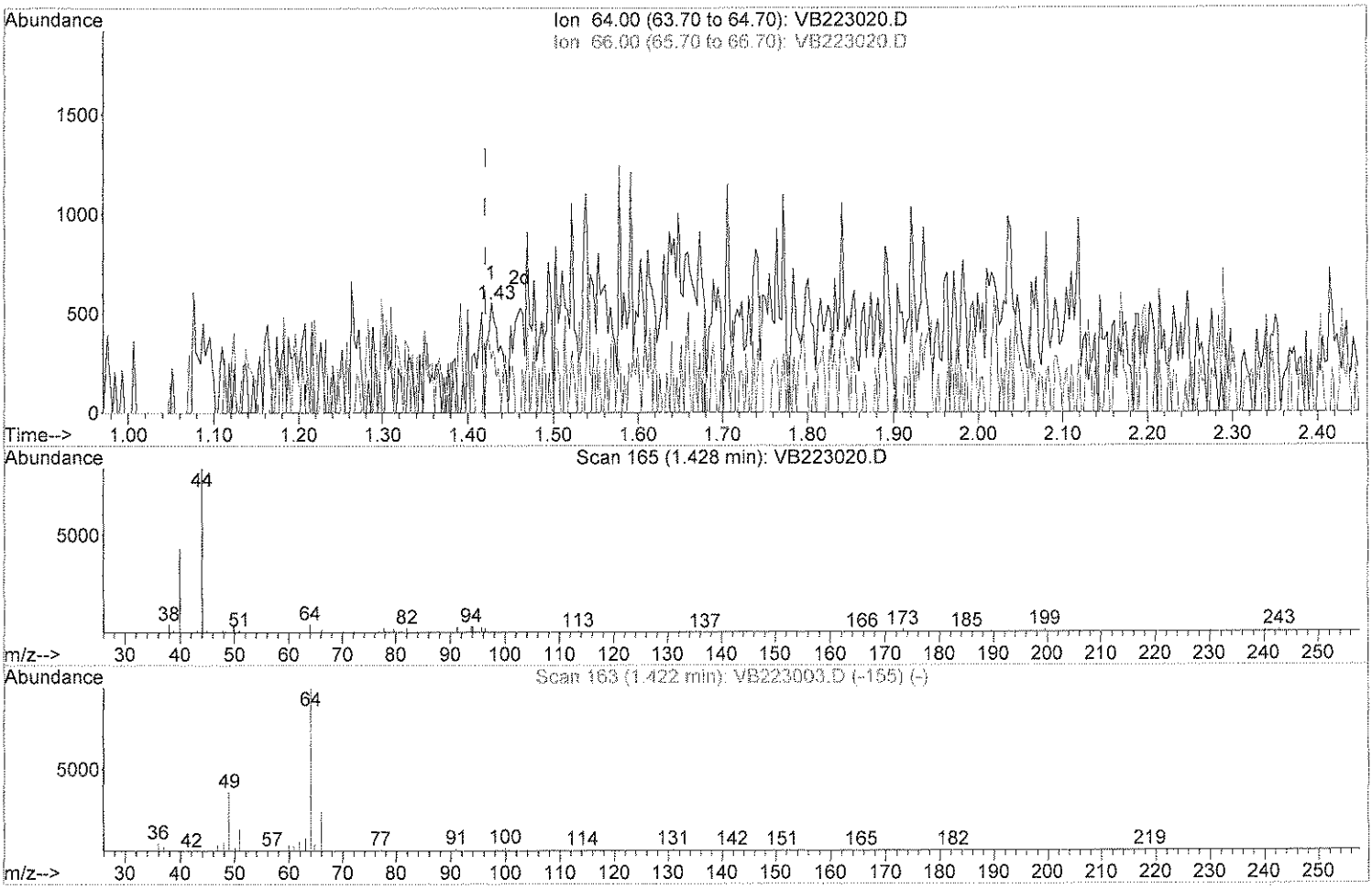
Tgt Ion:164 Resp: 1100

Ion	Ratio	Lower	Upper
164	100		
129	92.9	70.1	105.1
131	102.7	70.2	105.4
166	140.5	100.6	151.0



Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223020.D
Acq On : 11 Aug 2011 10:20 pm
Operator : LBD/MFF
Sample : 11H0373-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 12 08:06:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223020.D

(8) CHLOROETHANE (T)

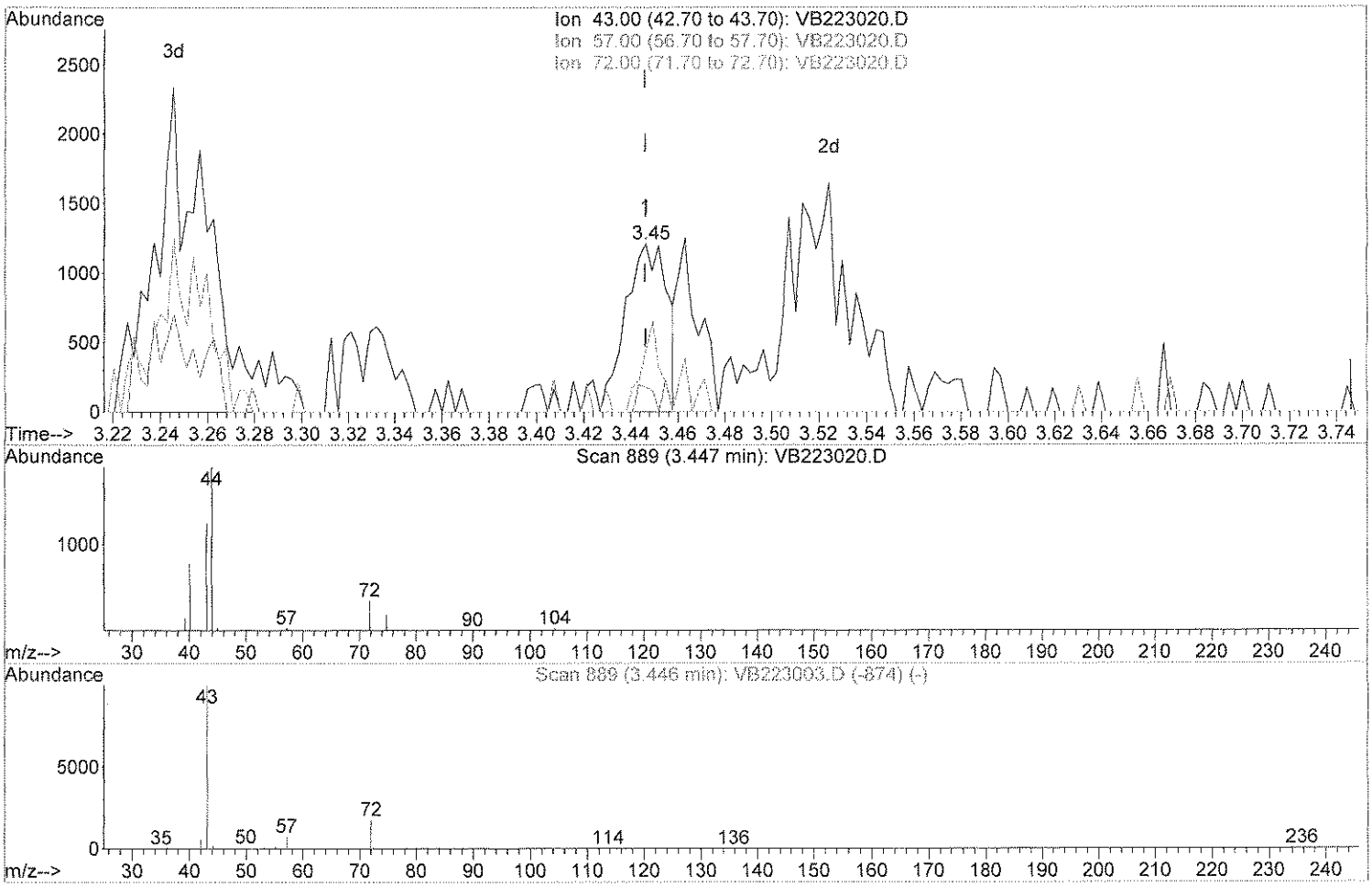
1.428min (+0.007) 0.20UG/L

response 560

Ion	Exp%	Act%
64.00	100	100
66.00	30.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223020.D
Acq On : 11 Aug 2011 10:20 pm
Operator : LBD/MFF
Sample : 11H0373-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 12 08:06:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223020.D

(27) 2-BUTANONE (T)

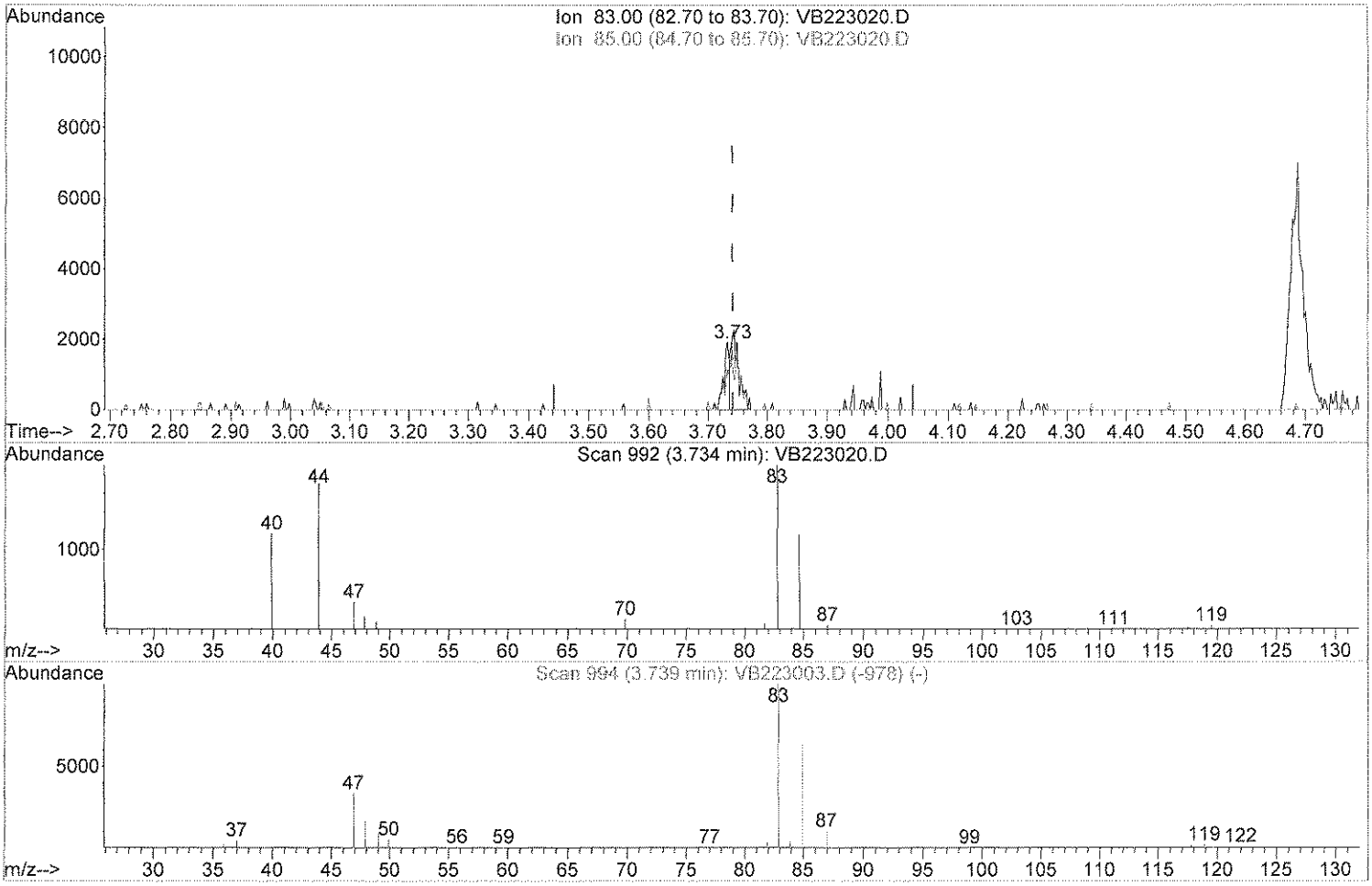
3.447min (+0.000) 0.43UG/L

response 1463

Ion	Exp%	Act%
43.00	100	100
57.00	7.10	0.00#
72.00	18.50	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223020.D
Acq On : 11 Aug 2011 10:20 pm
Operator : LBD/MFF
Sample : 11H0373-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 12 08:06:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223020.D

(34) CHLOROFORM (C)

3.734min (-0.008) 0.15UG/L

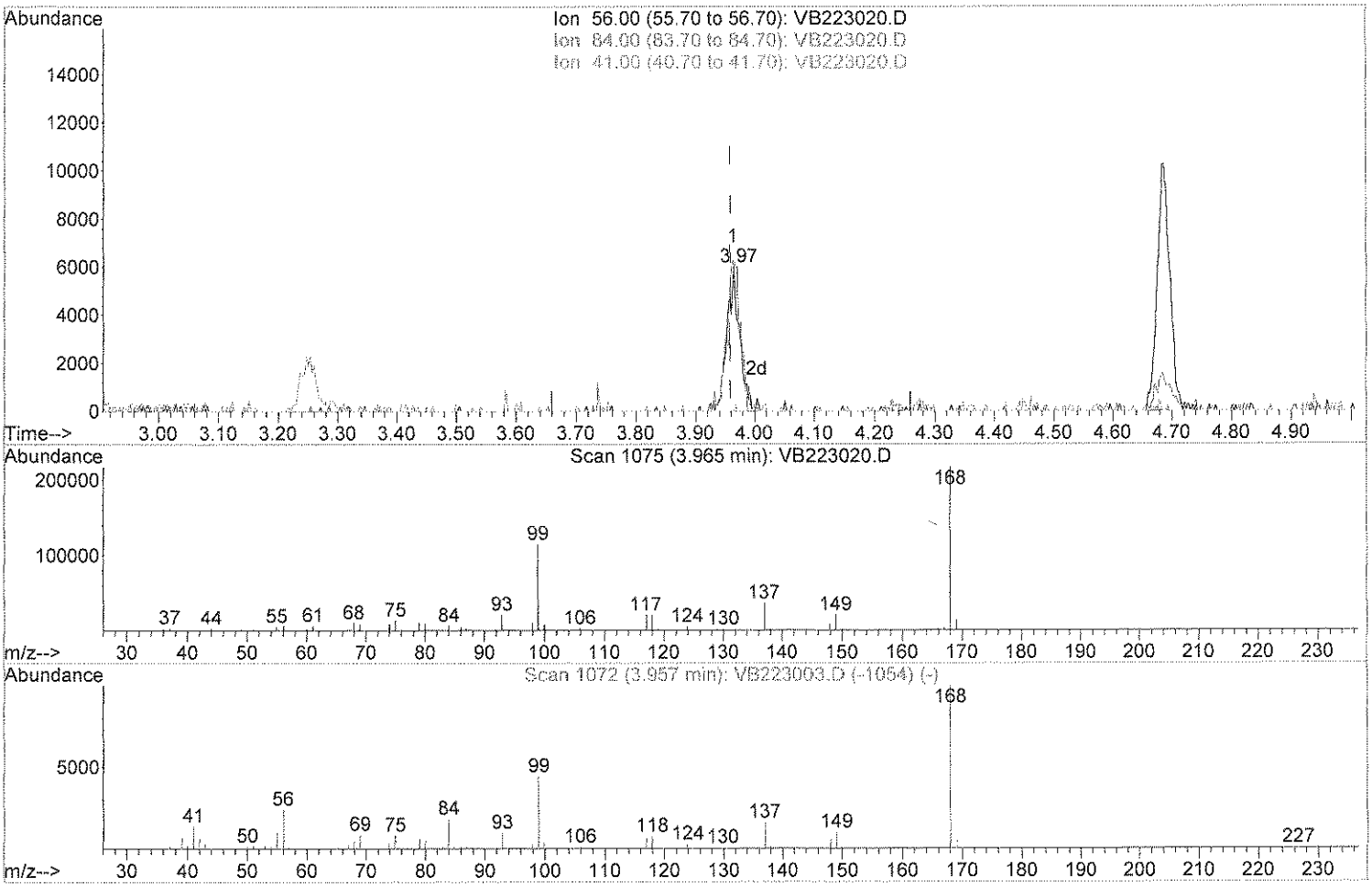
response 1284

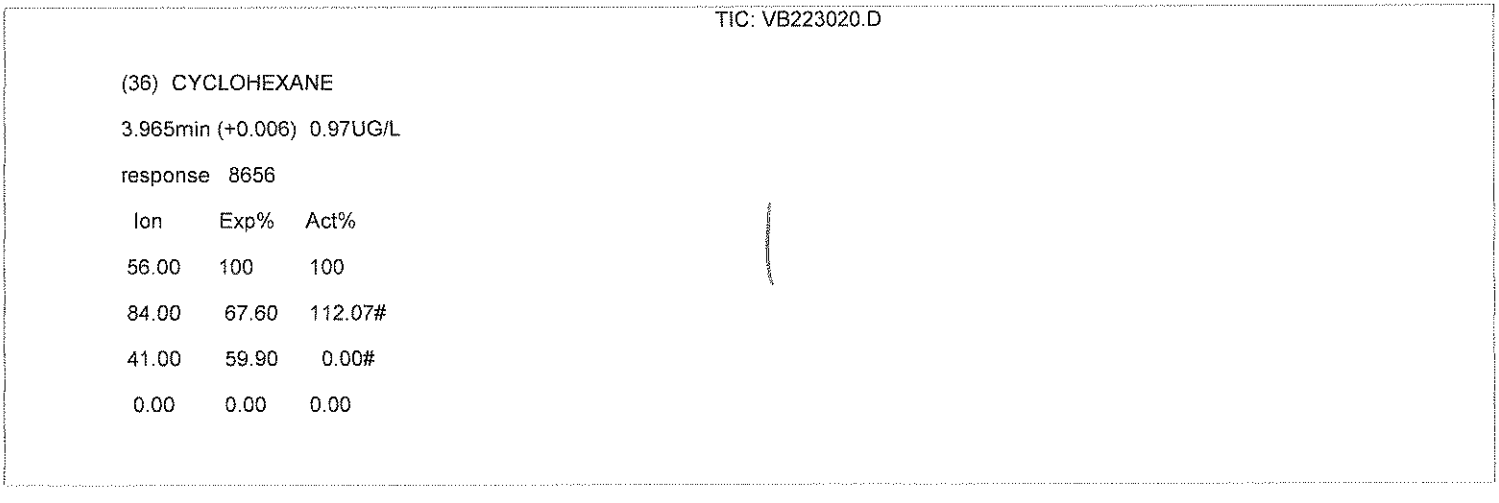
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	105.76#
0.00	0.00	0.00
0.00	0.00	0.00

3

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223020.D
Acq On : 11 Aug 2011 10:20 pm
Operator : LBD/MFF
Sample : 11H0373-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 12 08:06:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration





(36) CYCLOHEXANE

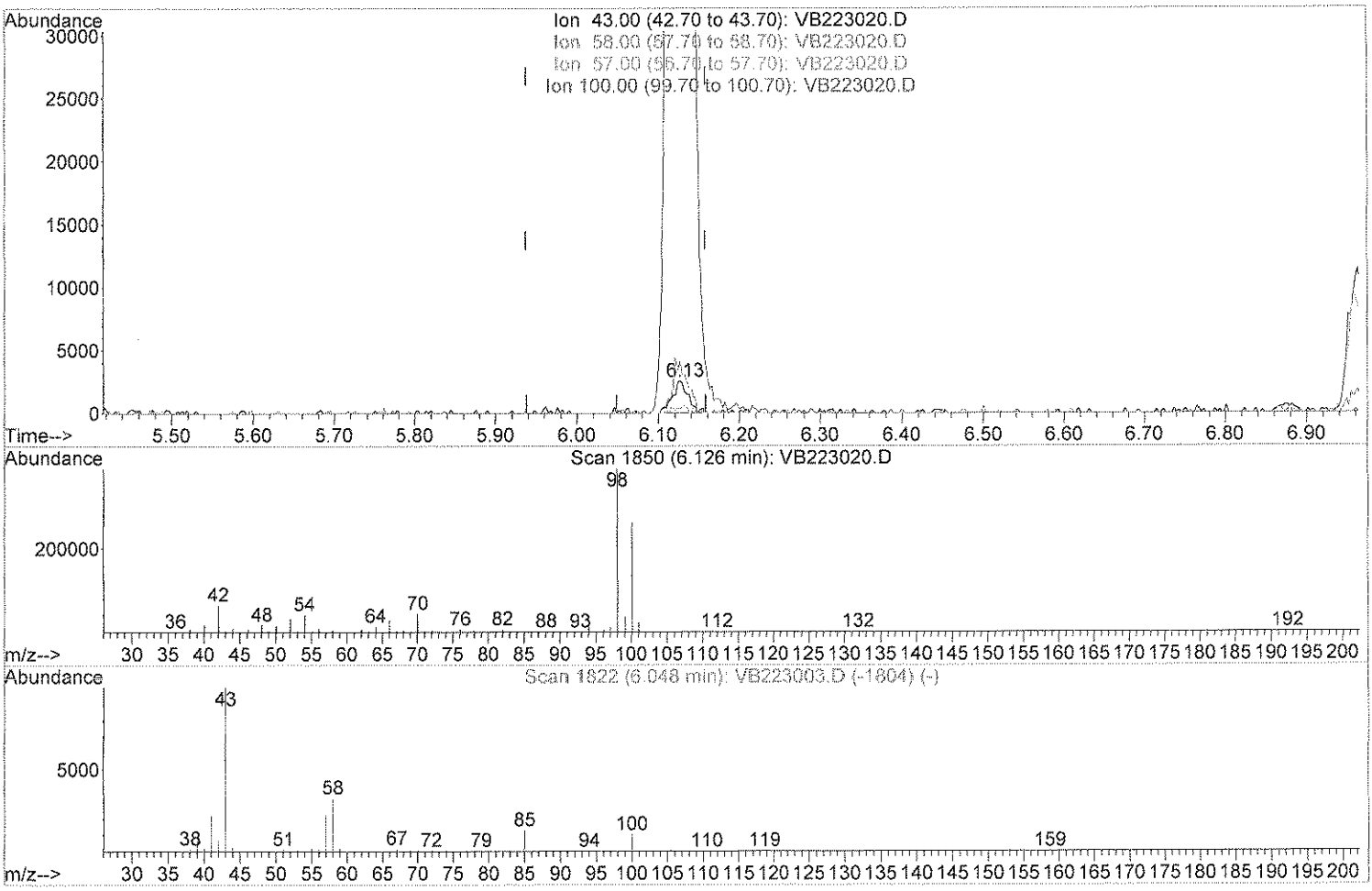
3.965min (+0.006) 0.97UG/L

response 8656

Ion	Exp%	Act%
56.00	100	100
84.00	67.60	112.07#
41.00	59.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223020.D
Acq On : 11 Aug 2011 10:20 pm
Operator : LBD/MFF
Sample : 11H0373-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 12 08:06:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223020.D

(51) MIBK (T)

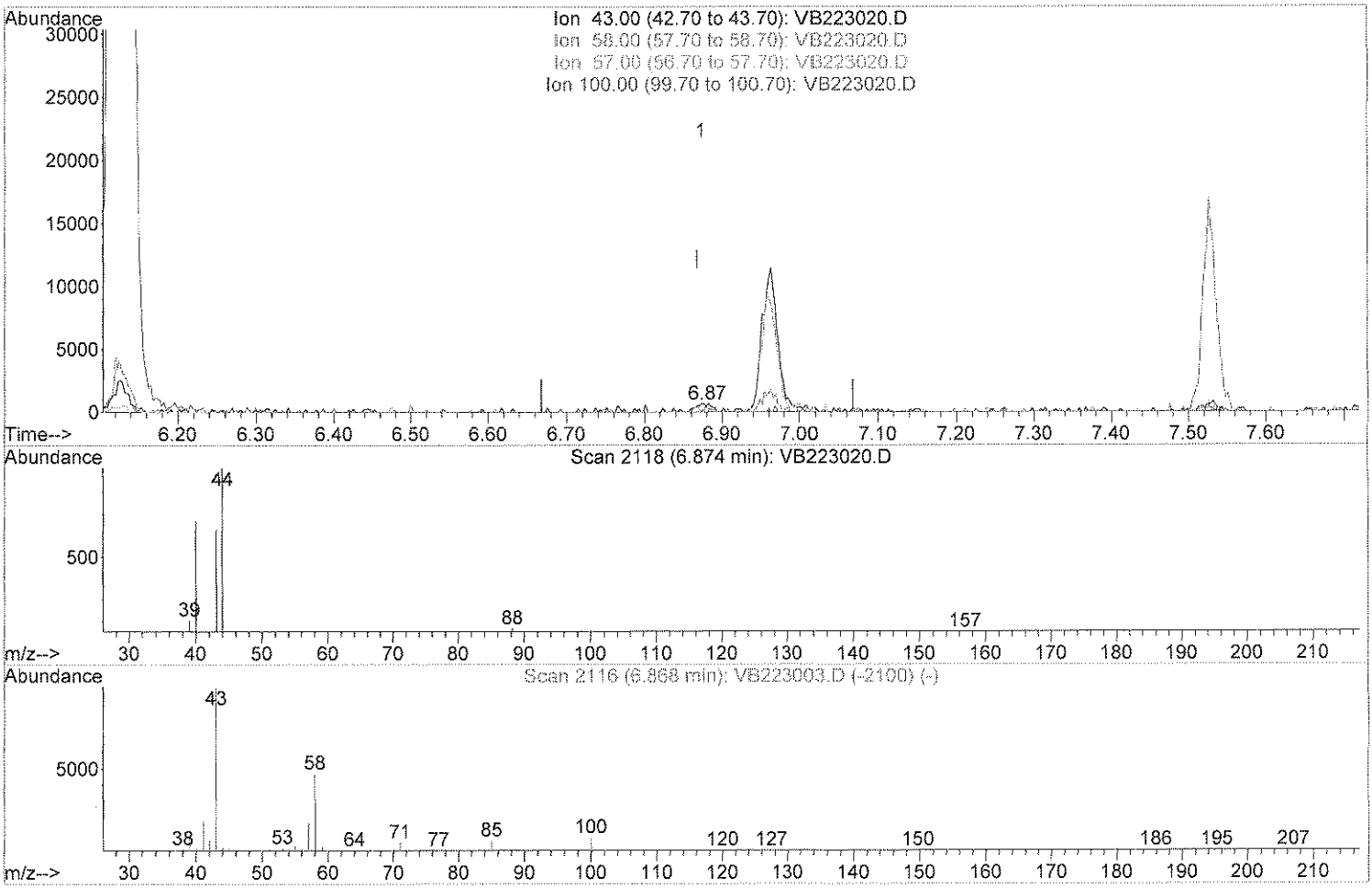
6.126min (+0.078) 0.46UG/L

response 3234

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	166.42#
57.00	24.10	0.00#
100.00	11.00	10939.58#

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223020.D
Acq On : 11 Aug 2011 10:20 pm
Operator : LBD/MFF
Sample : 11H0373-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 12 08:06:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223020.D

(57) 2-HEXANONE

6.874min (+0.006) 0.17UG/L

response 810

Ion	Exp%	Act%
43.00	100	100
58.00	49.40	0.00#
57.00	17.60	0.00#
100.00	8.20	0.00#

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-03	File ID:	VB223021.D
Sampled:	08/09/11 08:05	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 22:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW15-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-03	File ID:	VB223021.D
Sampled:	08/09/11 08:05	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 22:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW15-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-03	File ID:	VB223021.D
Sampled:	08/09/11 08:05	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 22:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW15-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-03	File ID:	VB223021.D
Sampled:	08/09/11 08:05	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 22:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023	Instrument:	GCMSVOA2

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223021.D
Acq On : 11 Aug 2011 10:52 pm
Operator : LBD/MFF
Sample : 11H0373-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 12 08:45:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

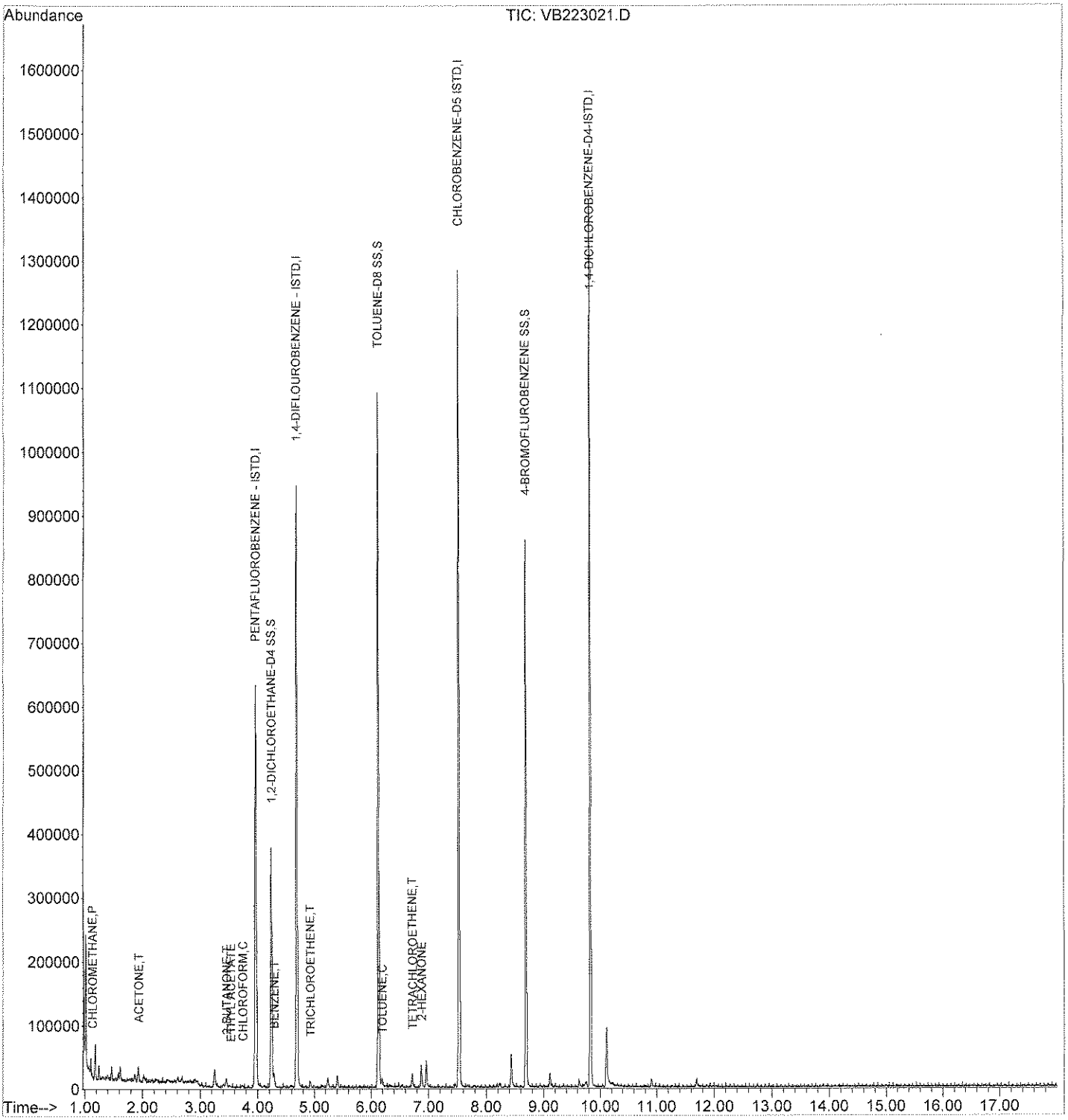
CHECKED BY: LAUREN DAMBORAGIAN AUG 12 2011

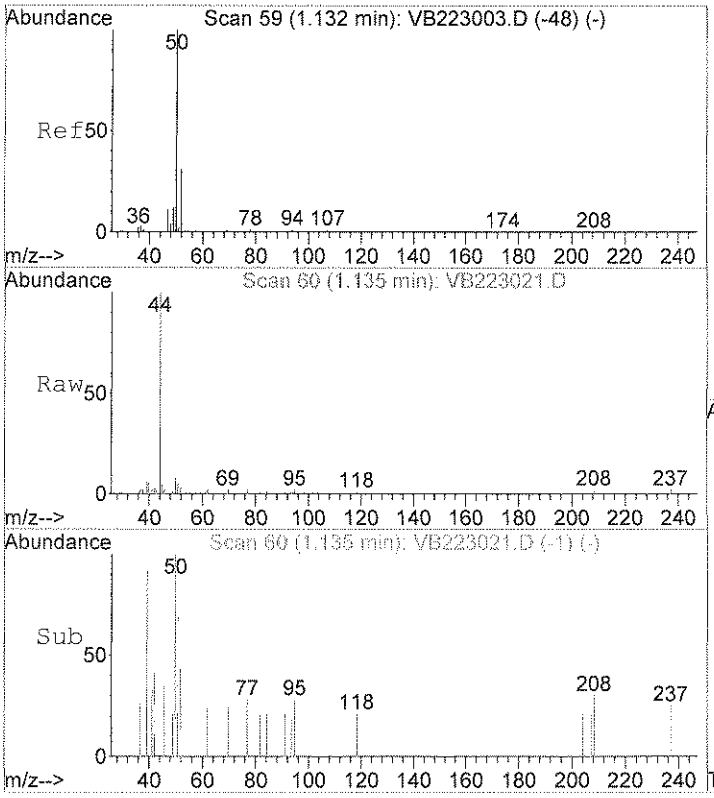
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	365298	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	599798	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	300041	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	286880	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	224813	27.48	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.92%			
42) TOLUENE-D8 SS	6.13	98	554480	23.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.76%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	217486	23.69	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.76%			
Target Compounds						Qvalue
5) CHLOROMETHANE	1.13	50	870	0.12	UG/L #	44
13) ACETONE	1.93	43	20553	11.62	UG/L	99
16) IODOMETHANE	2.00	142	334	Below Cal	#	33
27) 2-BUTANONE	3.45	43	15774	4.61	UG/L #	85
31) ETHYL ACETATE	3.53	43	3093m	0.37	UG/L	
34) CHLOROFORM	3.74	83	1756m	0.20	UG/L	
39) BENZENE	4.29	78	13448	0.66	UG/L	100
44) TRICHLOROETHENE	4.93	95	2164	0.42	UG/L	94
53) TOLUENE	6.19	91	5211	0.24	UG/L	100
57) 2-HEXANONE	6.87	43	20381	4.17	UG/L #	90
58) TETRACHLOROETHENE	6.72	164	3823m	1.00	UG/L	

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223021.D
Acq On : 11 Aug 2011 10:52 pm
Operator : LBD/MFF
Sample : 11H0373-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 12 08:45:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

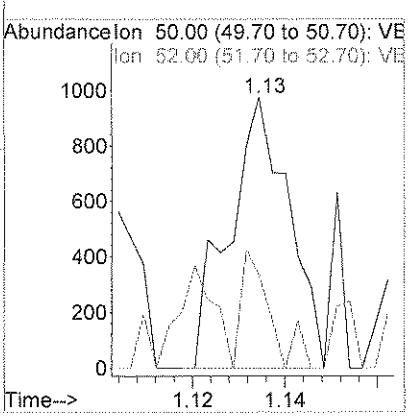


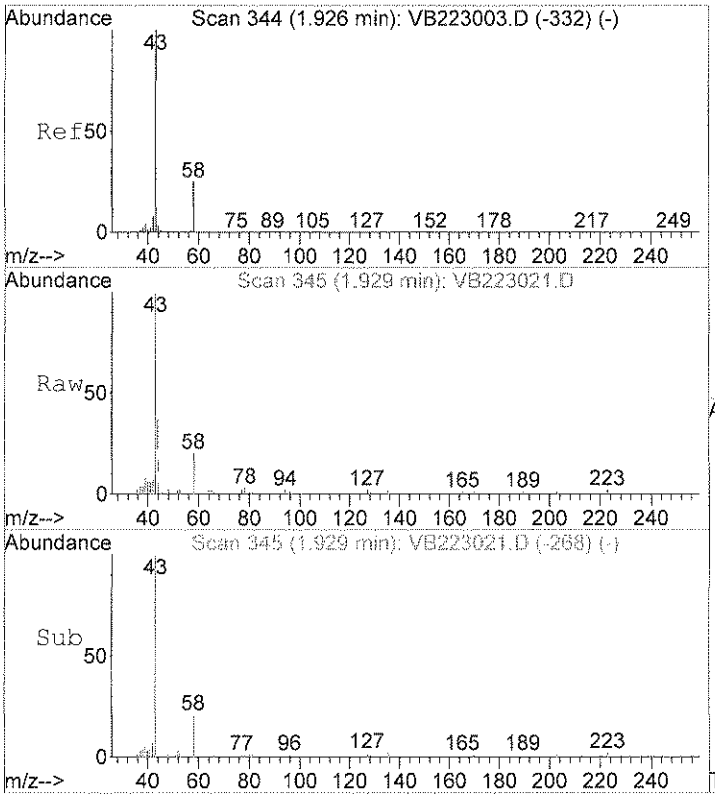


#5
CHLOROMETHANE
Concen: 0.12 UG/L
RT: 1.13 min Scan# 60
Delta R.T. -0.00 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion: 50 Resp: 870

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	36.8#

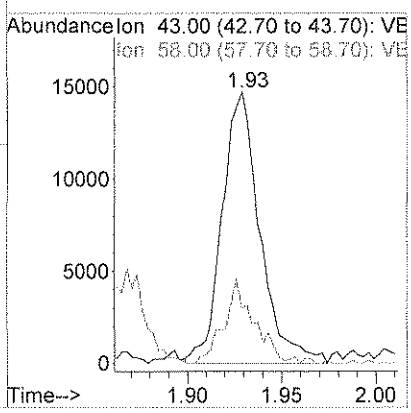


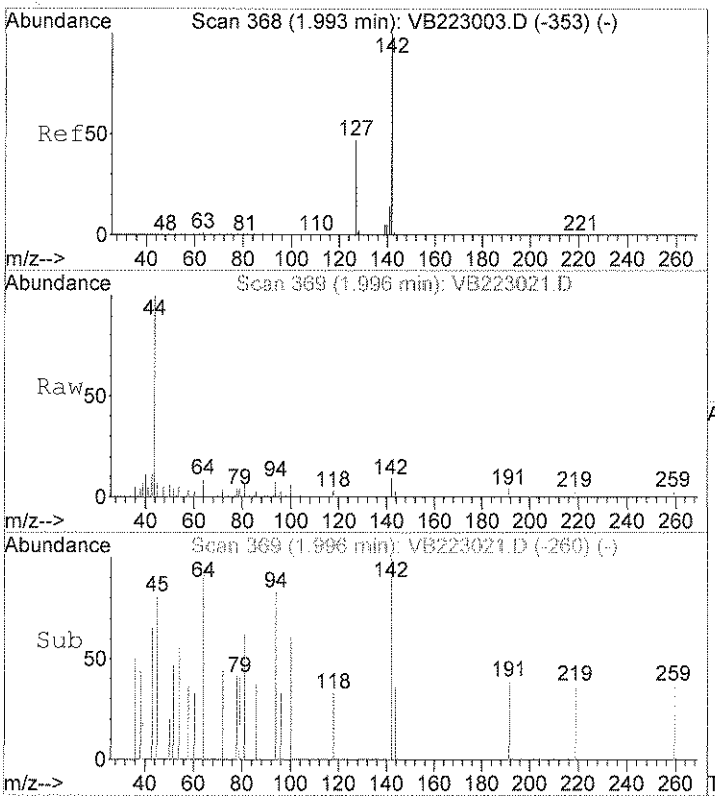


#13
ACETONE
Concen: 11.62 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion: 43 Resp: 20553

Ion	Ratio	Lower	Upper
43	100		
58	24.6	20.2	30.2

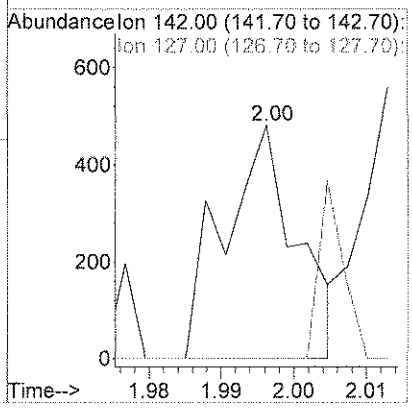


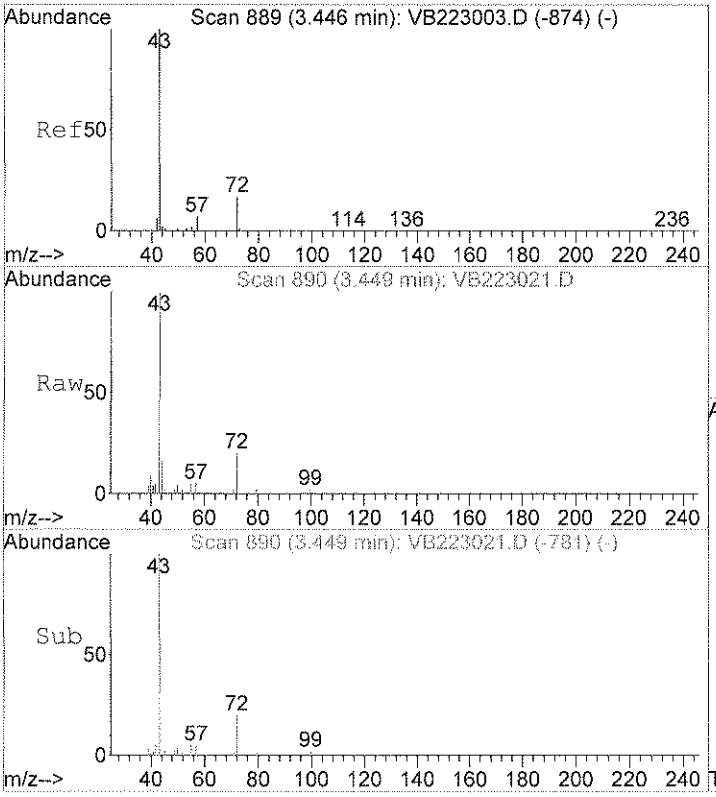


#16
IODOMETHANE
Concen: Below Cal
RT: 2.00 min Scan# 369
Delta R.T. 0.00 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion:142 Resp: 334

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.5	51.7#

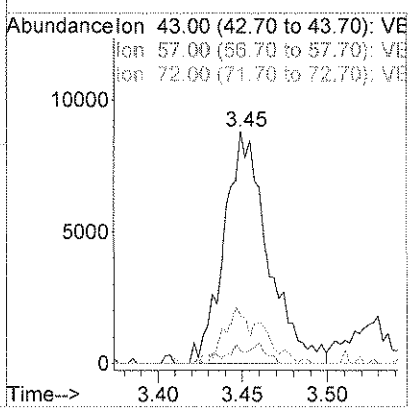


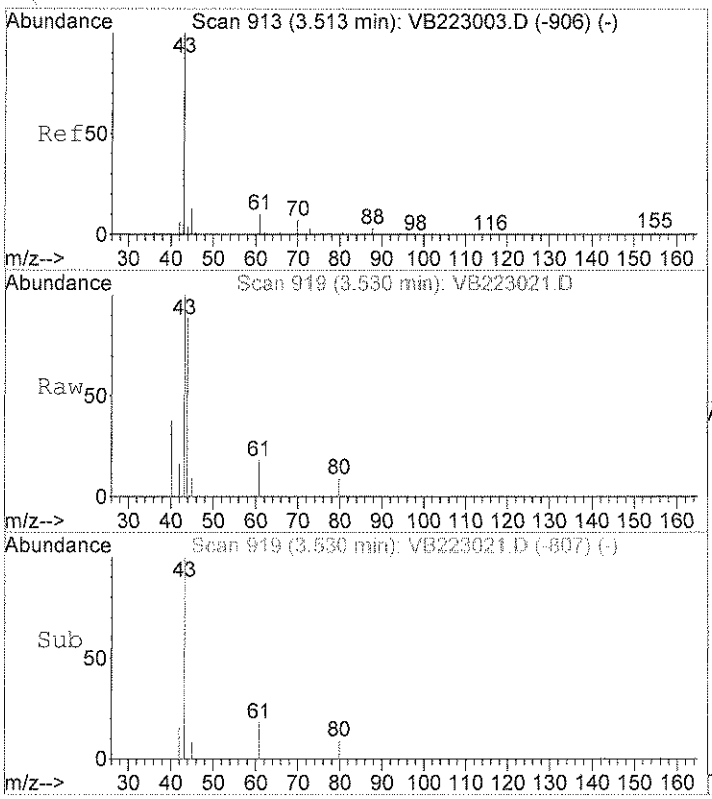


#27
2-BUTANONE
Concen: 4.61 UG/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion: 43 Resp: 15774

Ion	Ratio	Lower	Upper
43	100		
57	0.0	5.7	8.5#
72	13.0	14.8	22.2#

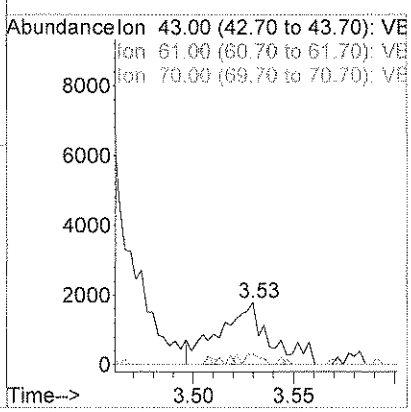


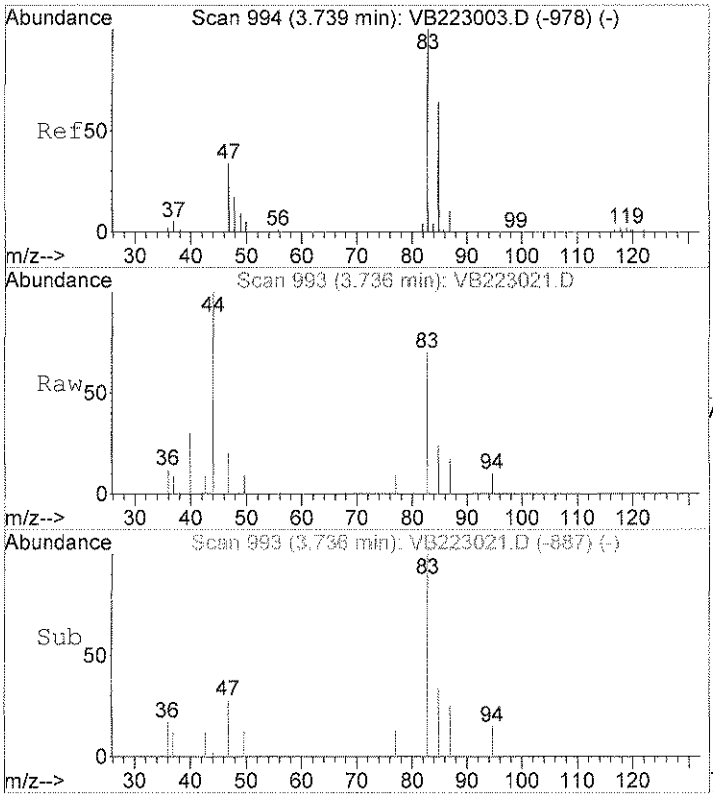


#31
ETHYL ACETATE
Concen: 0.37 UG/L m
RT: 3.53 min Scan# 919
Delta R.T. 0.01 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion: 43 Resp: 3093

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.4	14.2#
70	0.0	6.3	9.5#

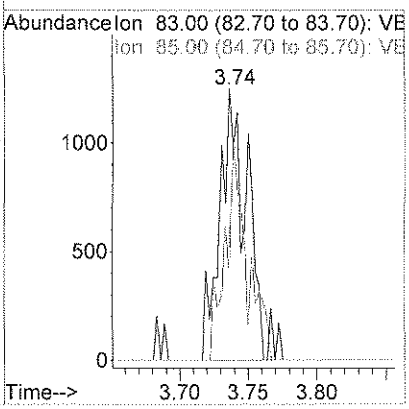


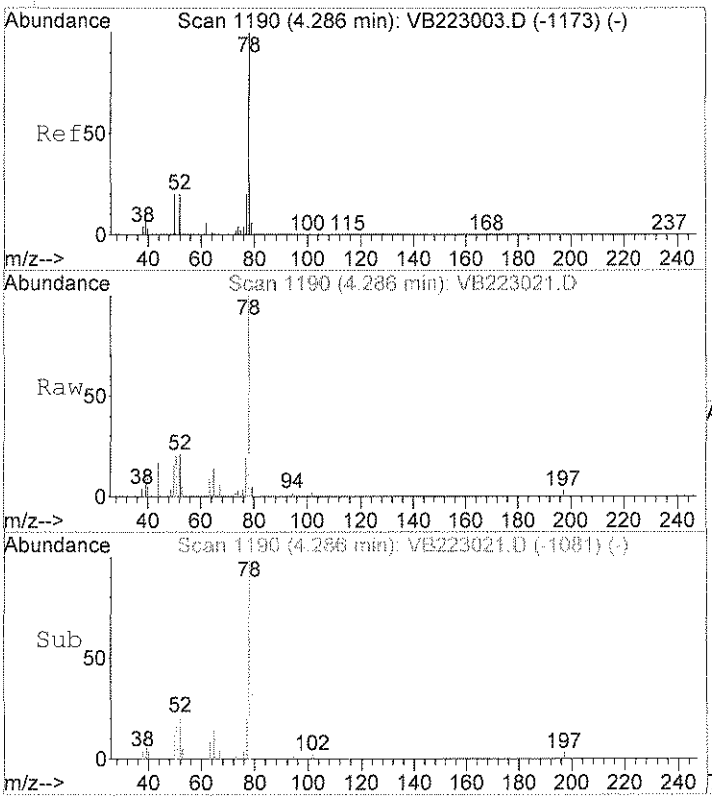


#34
CHLOROFORM
Concen: 0.20 UG/L m
RT: 3.74 min Scan# 993
Delta R.T. -0.01 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion: 83 Resp: 1756

Ion	Ratio	Lower	Upper
83	100		
85	48.9	51.2	76.8#

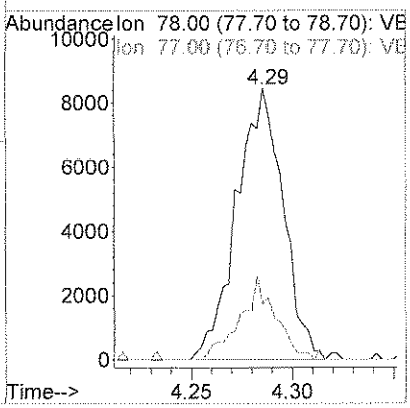


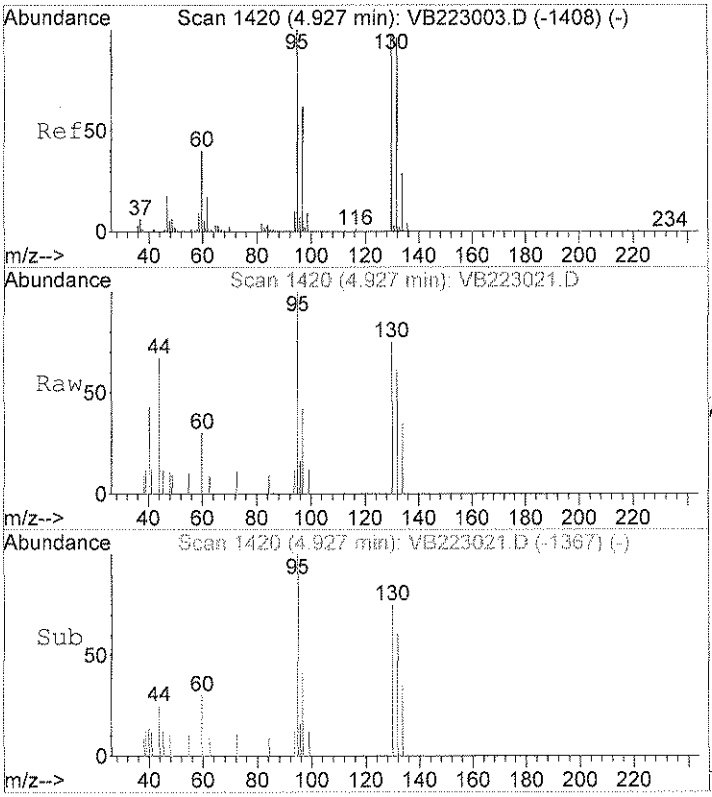


#39
BENZENE
Concen: 0.66 UG/L
RT: 4.29 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion: 78 Resp: 13448

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.5	27.7

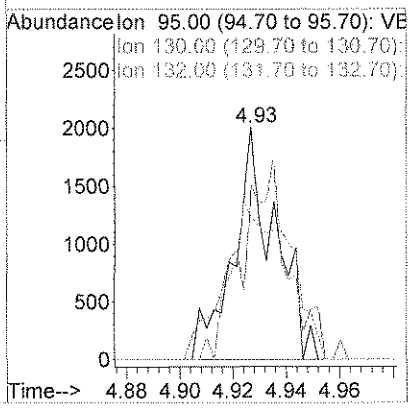


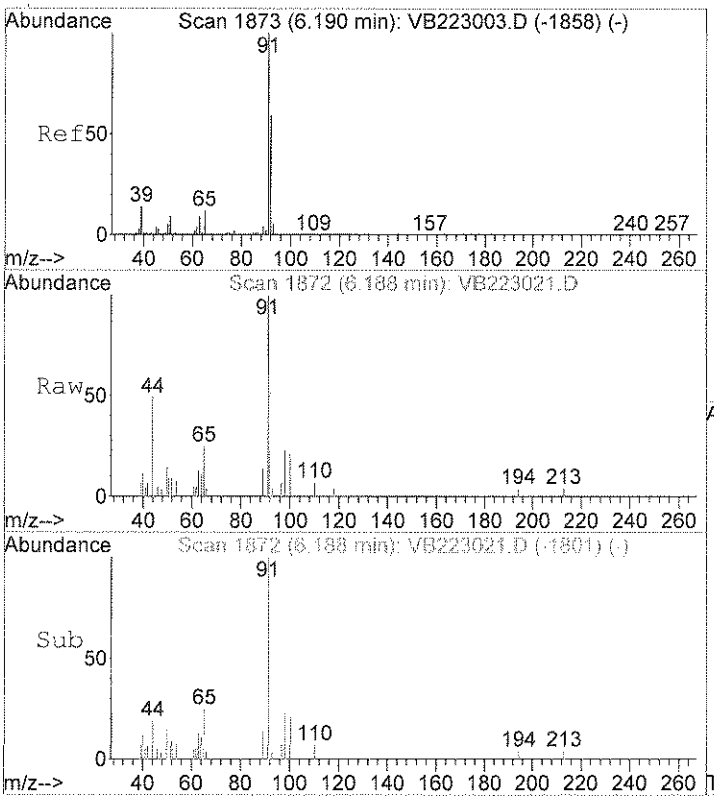


#44
TRICHLOROETHENE
Concen: 0.42 UG/L
RT: 4.93 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion: 95 Resp: 2164

Ion	Ratio	Lower	Upper
95	100		
130	105.4	77.0	115.6
132	95.6	78.0	117.0

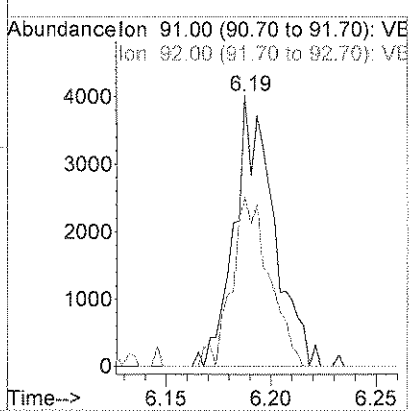


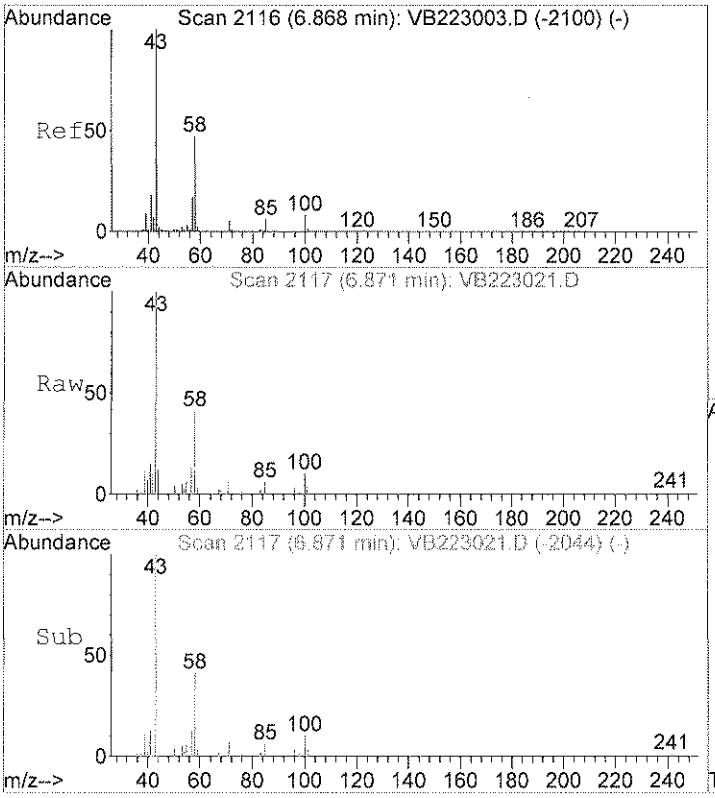


#53
TOLUENE
Concen: 0.24 UG/L
RT: 6.19 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion: 91 Resp: 5211

Ion	Ratio	Lower	Upper
91	100		
92	60.0	47.8	71.6

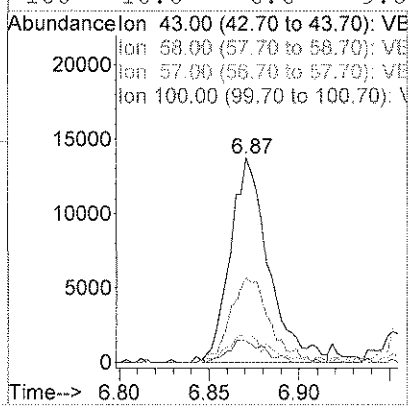


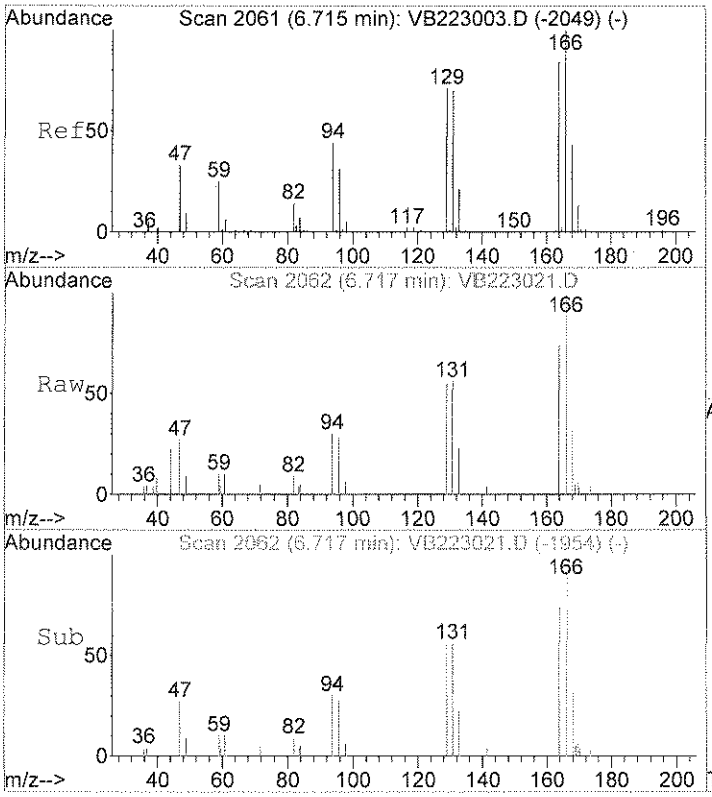


#57
2-HEXANONE
Concen: 4.17 UG/L
RT: 6.87 min Scan# 2117
Delta R.T. 0.00 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

Tgt Ion: 43 Resp: 20381

Ion	Ratio	Lower	Upper
43	100		
58	41.3	39.5	59.3
57	14.2	14.1	21.1
100	10.0	6.6	9.8#

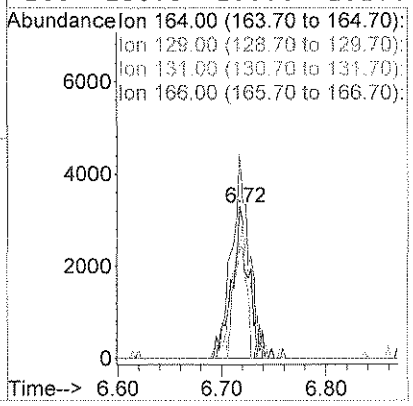




#58
TETRACHLOROETHENE
Concen: 1.00 UG/L m
RT: 6.72 min Scan# 2062
Delta R.T. -0.00 min
Lab File: VB223021.D
Acq: 11 Aug 2011 10:52 pm

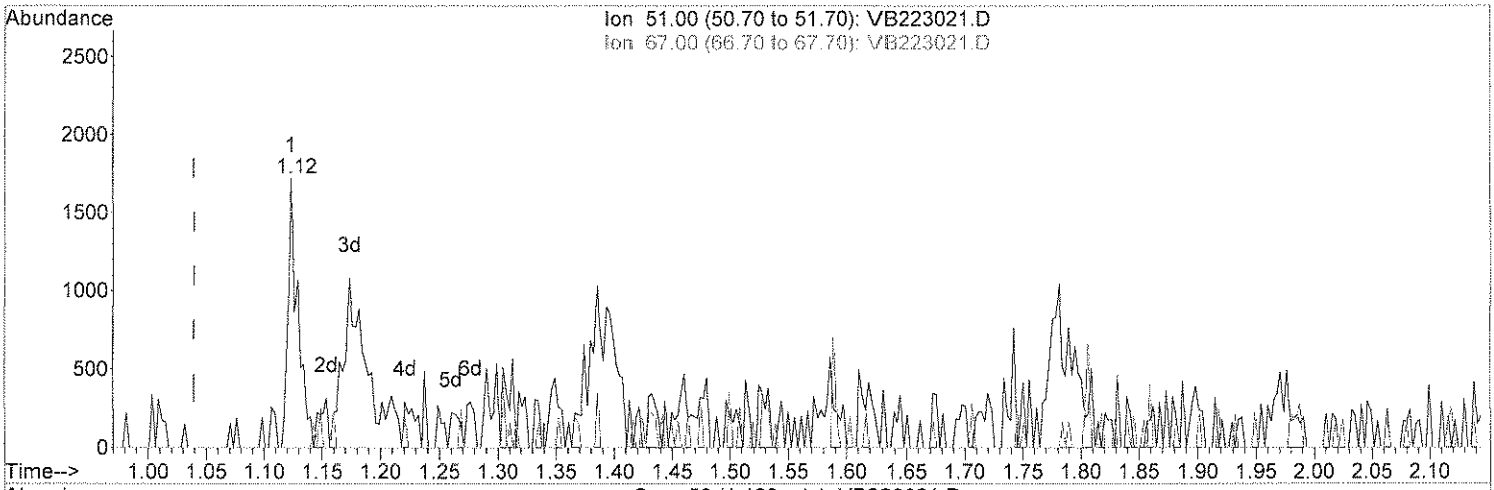
Tgt Ion:164 Resp: 3823

Ion	Ratio	Lower	Upper
164	100		
129	67.7	70.1	105.1#
131	80.3	70.2	105.4
166	130.8	100.6	151.0



Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223021.D
Acq On : 11 Aug 2011 10:52 pm
Operator : LBD/MFF
Sample : 11H0373-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 12 08:06:11 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223021.D

(4) DIFLUOROCHLOROMETHANE

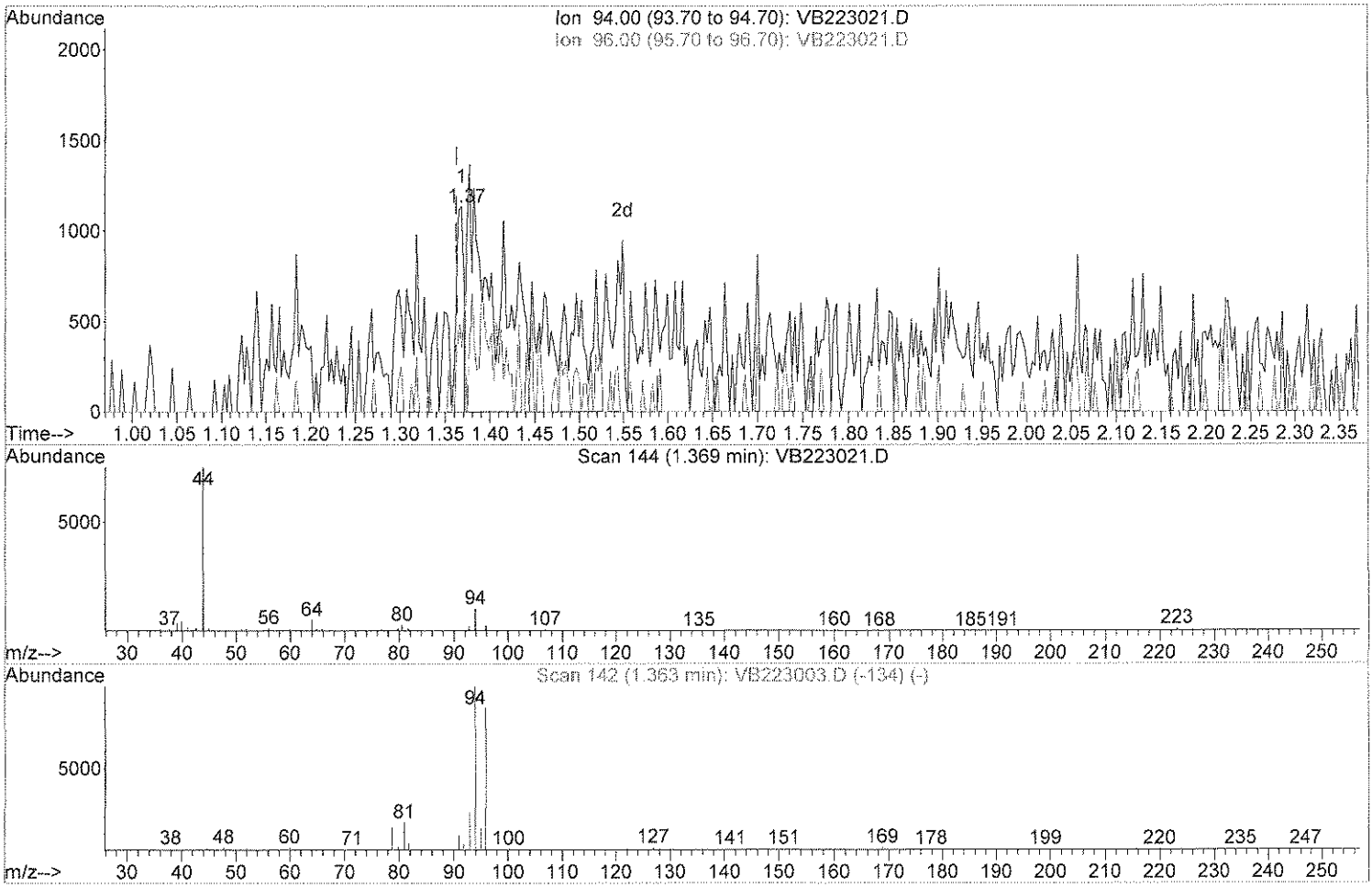
1.123min (+0.084) 0.10UG/L

response 1021

Ion	Exp%	Act%
51.00	100	100
67.00	13.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223021.D
Acq On : 11 Aug 2011 10:52 pm
Operator : LBD/MFF
Sample : 11H0373-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 12 08:06:11 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223021.D

(7) BROMOMETHANE (T)

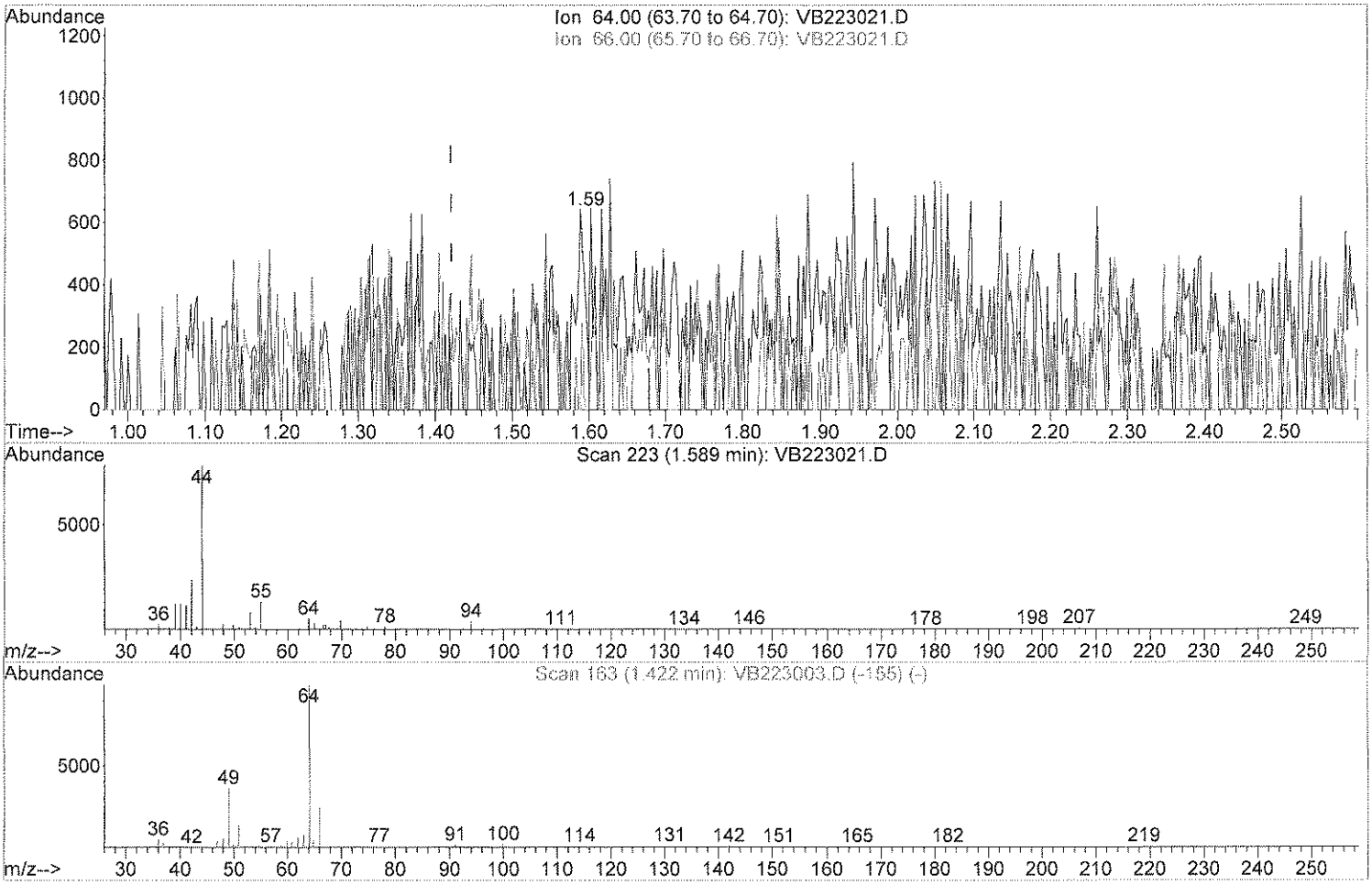
1.369min (+0.006) 0.24UG/L

response 645

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223021.D
Acq On : 11 Aug 2011 10:52 pm
Operator : LBD/MFF
Sample : 11H0373-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 12 08:06:11 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223021.D

(8) CHLOROETHANE (T)

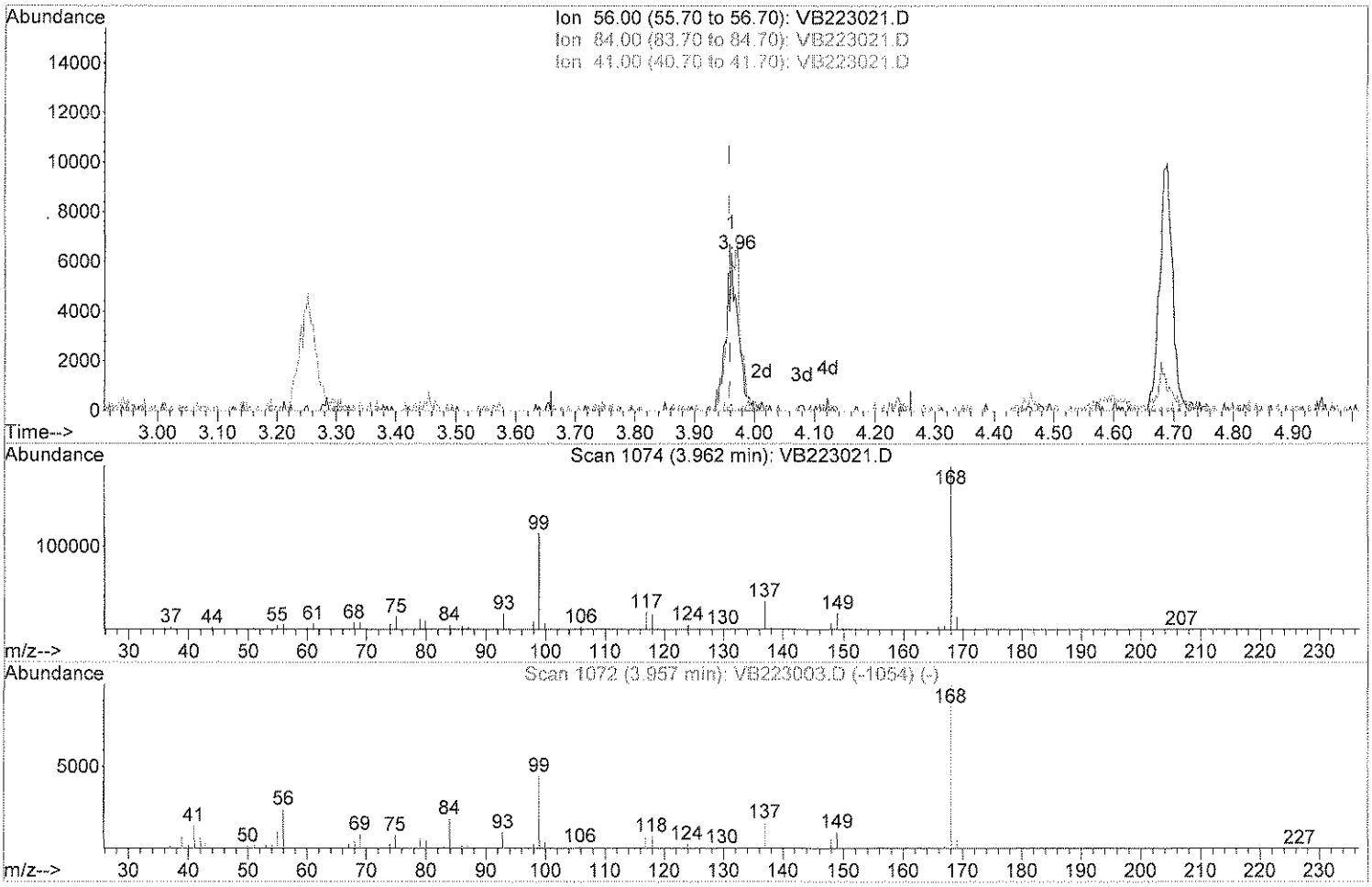
1.589min (+0.168) 0.20UG/L

response 561

Ion	Exp%	Act%
64.00	100	100
66.00	30.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223021.D
Acq On : 11 Aug 2011 10:52 pm
Operator : LBD/MFF
Sample : 11H0373-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 12 08:06:11 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223021.D

(36) CYCLOHEXANE

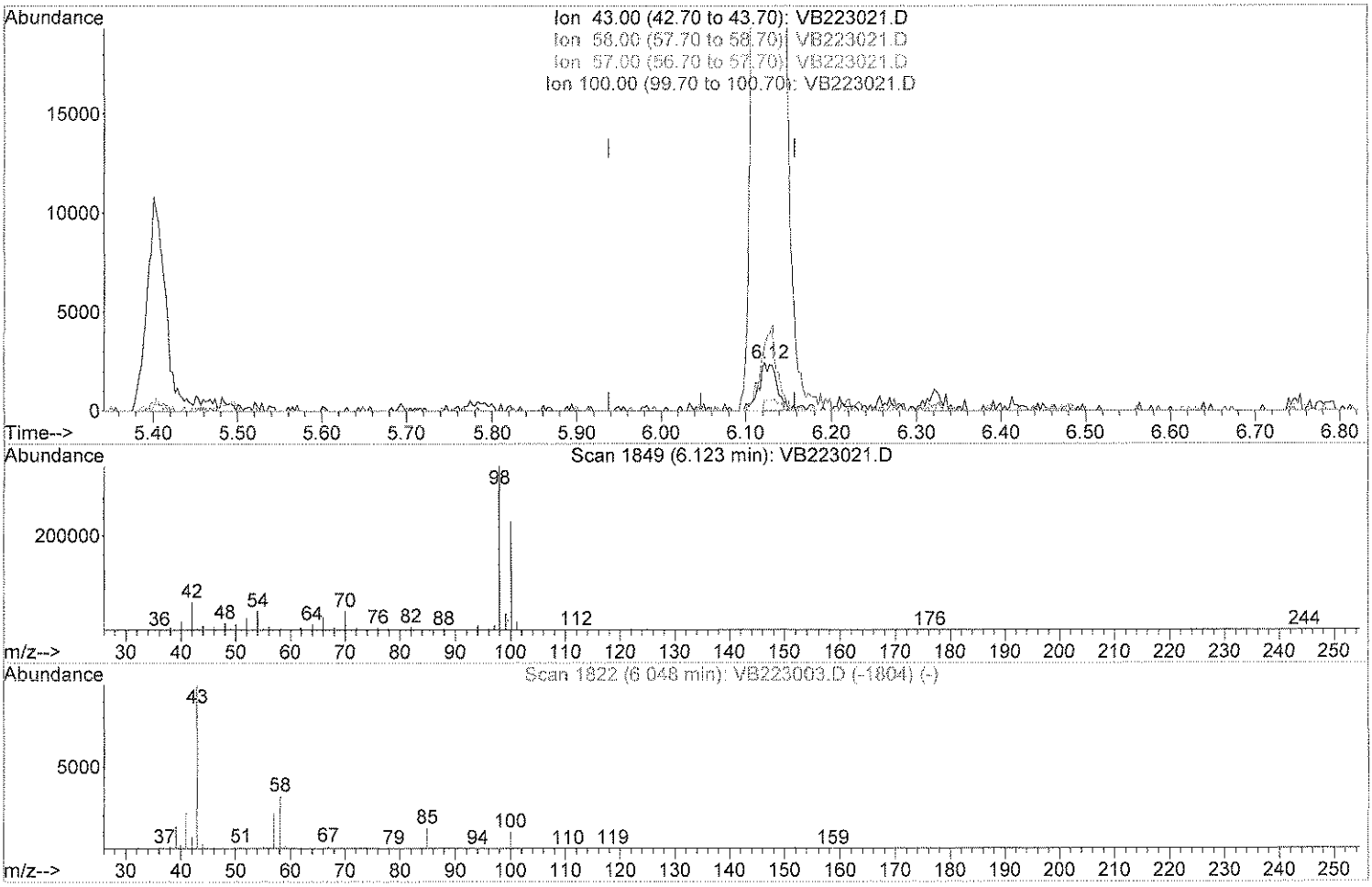
3.962min (+0.003) 1.00UG/L

response 9073

Ion	Exp%	Act%
56.00	100	100
84.00	67.60	116.27#
41.00	59.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223021.D
Acq On : 11 Aug 2011 10:52 pm
Operator : LBD/MFF
Sample : 11H0373-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 12 08:06:11 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223021.D

(51) MIBK (T)

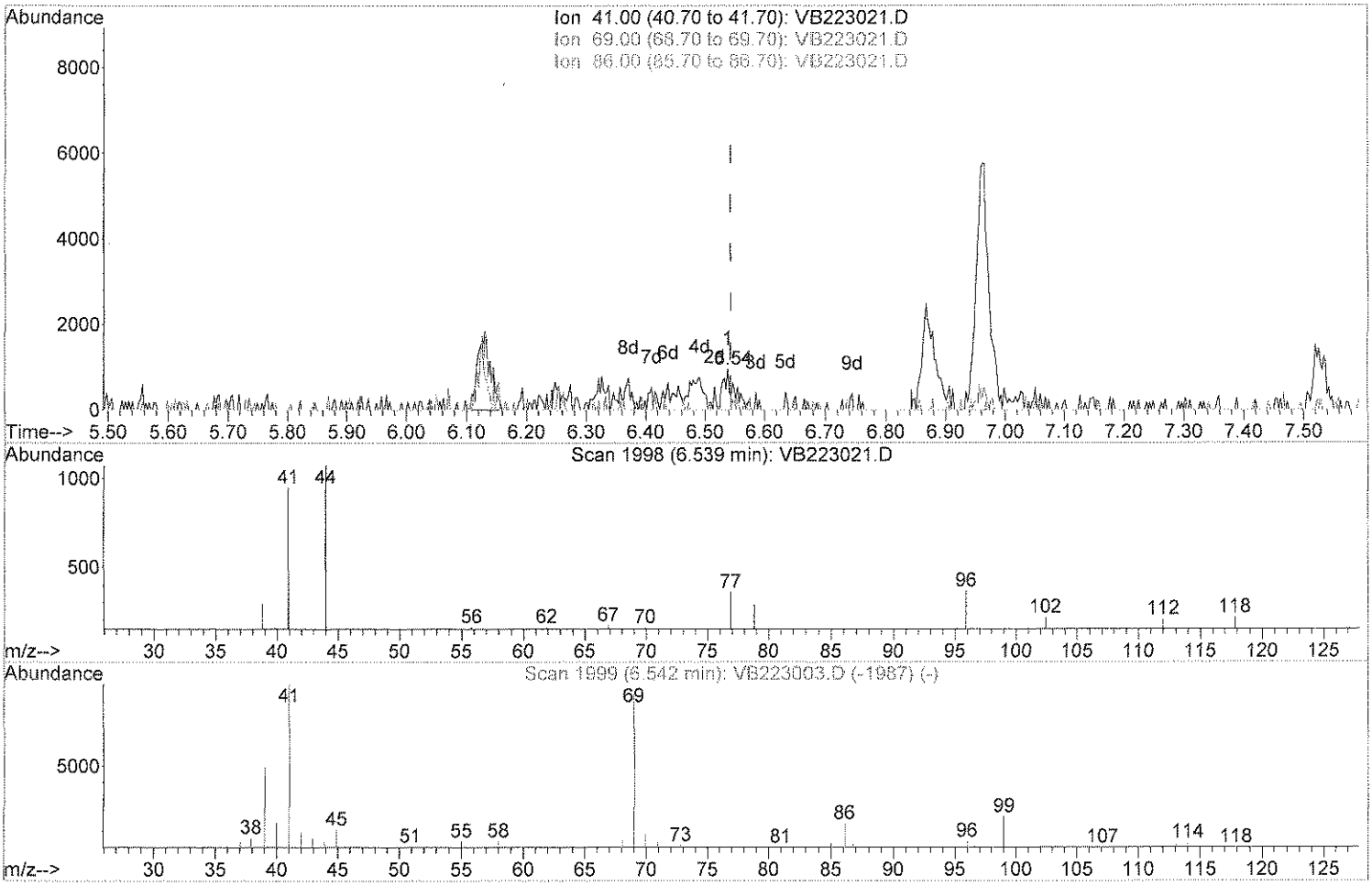
6.123min (+0.075) 0.49UG/L

response 3421

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	155.57#
57.00	24.10	18.09#
100.00	11.00	10292.69#

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223021.D
Acq On : 11 Aug 2011 10:52 pm
Operator : LBD/MFF
Sample : 11H0373-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 12 08:06:11 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223021.D

(55) ETHYL METHACRYLATE

6.539min (-0.005) 0.11UG/L

response 675

Ion	Exp%	Act%
41.00	100	100
69.00	105.00	0.00#
86.00	16.50	0.00#
0.00	0.00	0.00

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1 - FORM I
ANALYSIS DATA SHEET

PW15-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-04	File ID:	VB223022.D
Sampled:	08/09/11 09:25	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 23:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW15-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-04	File ID:	VB223022.D
Sampled:	08/09/11 09:25	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 23:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	MS-07A
75-34-3	1,1-Dichloroethane	1.5	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene	1.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	1.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW15-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-04	File ID:	VB223022.D
Sampled:	08/09/11 09:25	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 23:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.6	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	2.1	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	120	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW15-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0373-04	File ID:	VB223022.D
Sampled:	08/09/11 09:25	Prepared:	08/11/11 10:23	Analyzed:	08/11/11 23:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223022.D
Acq On : 11 Aug 2011 11:25 pm
Operator : LBD/MFF
Sample : 11H0373-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

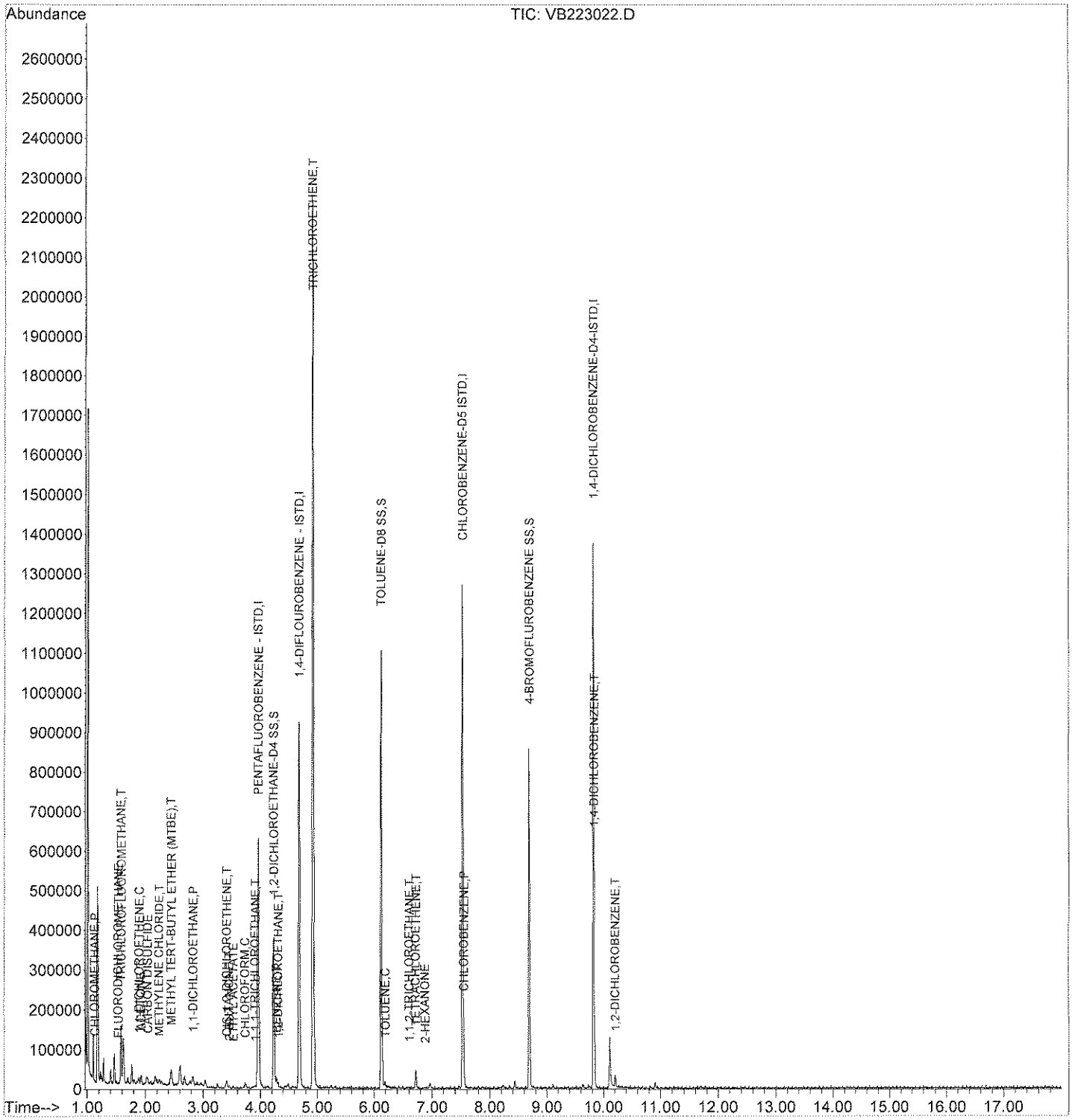
Quant Time: Aug 12 08:48:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

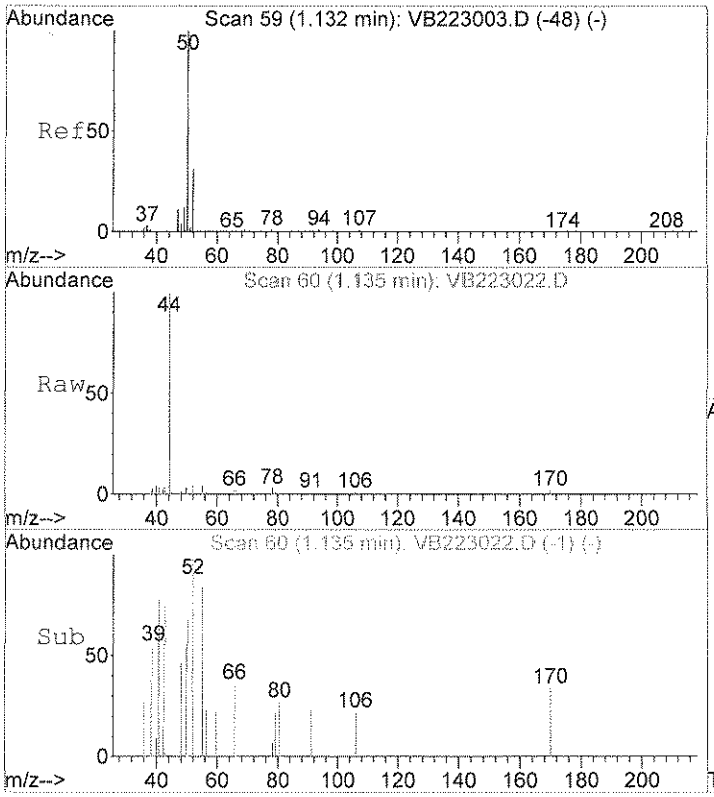
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	372404	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	601415	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	296541	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	291050	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	225690	27.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.24%				
42) TOLUENE-D8 SS	6.13	98	564649	24.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.24%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	213804	23.57	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.28%				
Target Compounds							Qvalue
5) CHLOROMETHANE	1.13	50	734	0.10	UG/L	#	17
9) FLUORODICHLOROMETHANE	1.54	67	832m	0.11	UG/L		
10) TRICHLOROFLUOROMETHANE	1.57	101	3727	0.61	UG/L		88
13) ACETONE	1.93	43	20289	11.25	UG/L		100
14) 1,1-DICHLOROETHENE	1.88	61	7981	1.22	UG/L		97
16) IODOMETHANE	2.00	142	346	Below Cal			95
20) METHYLENE CHLORIDE	2.23	49	1479	0.19	UG/L	#	63
21) CARBON DISULFIDE	2.04	76	4285	0.53	UG/L	#	91
22) METHYL TERT-BUTYL ETHER (M	2.45	73	18323	1.58	UG/L	#	35
24) 1,1-DICHLOROETHANE	2.82	63	11704	1.52	UG/L	#	93
27) 2-BUTANONE	3.45	43	5178	1.48	UG/L	#	91
29) CIS-1,2-DICHLOROETHENE	3.41	61	7445	0.78	UG/L	#	80
31) ETHYL ACETATE	3.52	43	3268m	0.38	UG/L		
34) CHLOROFORM	3.74	83	7515	0.84	UG/L		98
35) 1,1,1-TRICHLOROETHANE	3.90	97	2878m	0.46	UG/L		
39) BENZENE	4.29	78	12036	0.58	UG/L		92
43) 1,2-DICHLOROETHANE	4.31	62	6066	0.71	UG/L	#	43
44) TRICHLOROETHENE	4.93	95	629690	122.45	UG/L		99
53) TOLUENE	6.19	91	5994	0.27	UG/L		92
56) 1,1,2-TRICHLOROETHANE	6.60	97	807	0.16	UG/L	#	15
57) 2-HEXANONE	6.87	43	1474m	0.30	UG/L		
58) TETRACHLOROETHENE	6.71	164	7904	2.07	UG/L		93
64) CHLOROBENZENE	7.56	112	8614	0.62	UG/L	#	49
87) 1,4-DICHLOROBENZENE	9.84	146	1568m	0.13	UG/L		
89) 1,2-DICHLOROBENZENE	10.21	146	8702	0.77	UG/L		94

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223022.D
Acq On : 11 Aug 2011 11:25 pm
Operator : LBD/MFF
Sample : 11H0373-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 12 08:48:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

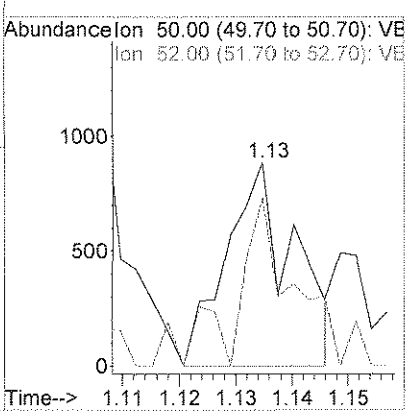


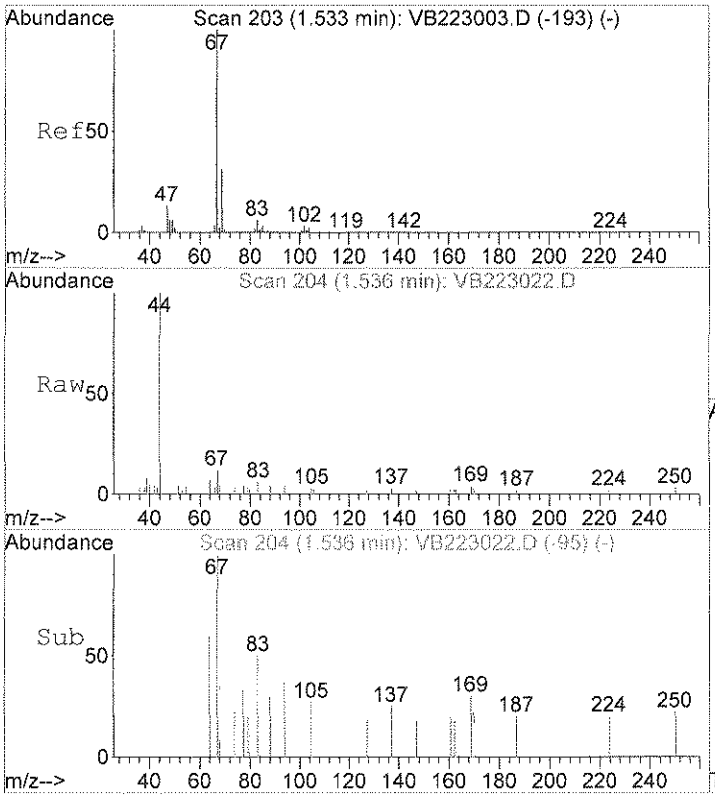


#5
CHLOROMETHANE
Concen: 0.10 UG/L
RT: 1.13 min Scan# 60
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 50 Resp: 734

Ion	Ratio	Lower	Upper
50	100		
52	75.9	24.6	36.8#

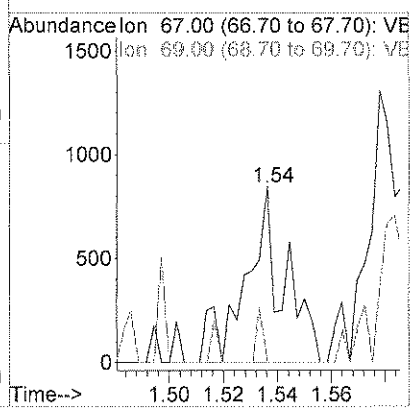


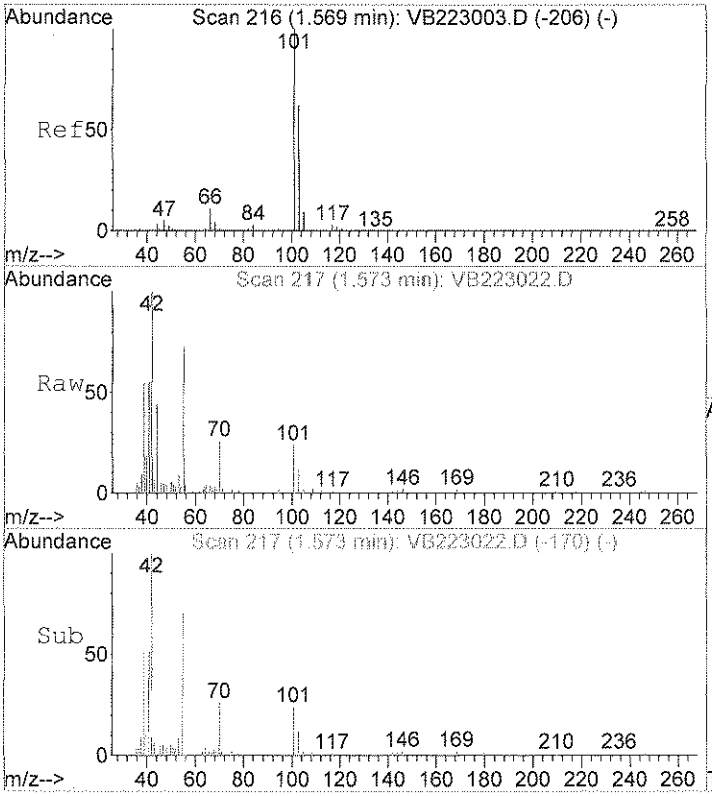


#9
FLUORODICHLOROMETHANE
Concen: 0.11 UG/L m
RT: 1.54 min Scan# 204
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 67 Resp: 832

Ion	Ratio	Lower	Upper
67	100		
69	49.3	25.1	37.7#

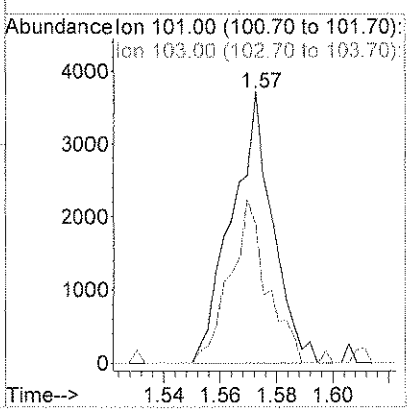


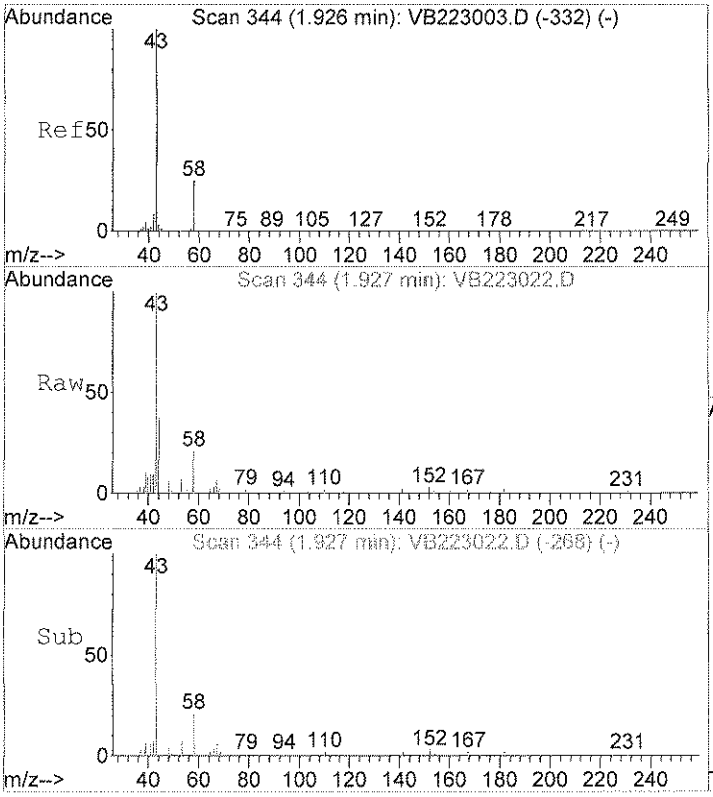


#10
TRICHLOROFLUOROMETHANE
Concen: 0.61 UG/L
RT: 1.57 min Scan# 217
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion:101 Resp: 3727

Ion	Ratio	Lower	Upper
101	100		
103	54.5	51.2	76.8

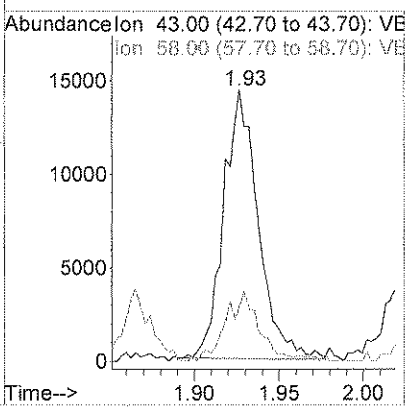


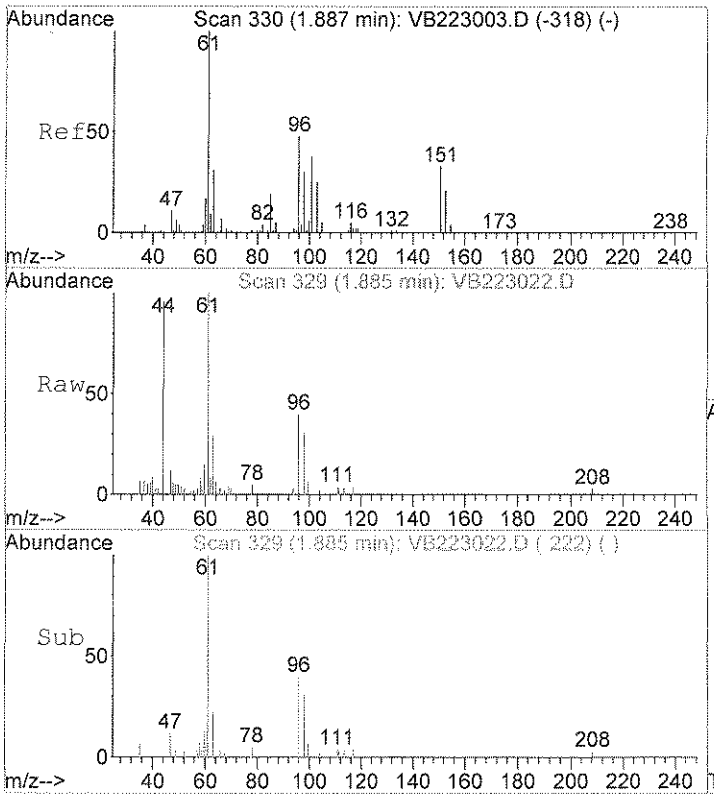


#13
ACETONE
Concen: 11.25 UG/L
RT: 1.93 min Scan# 344
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 43 Resp: 20289

Ion	Ratio	Lower	Upper
43	100		
58	25.3	20.2	30.2

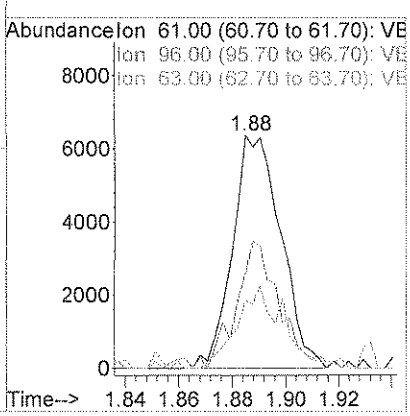


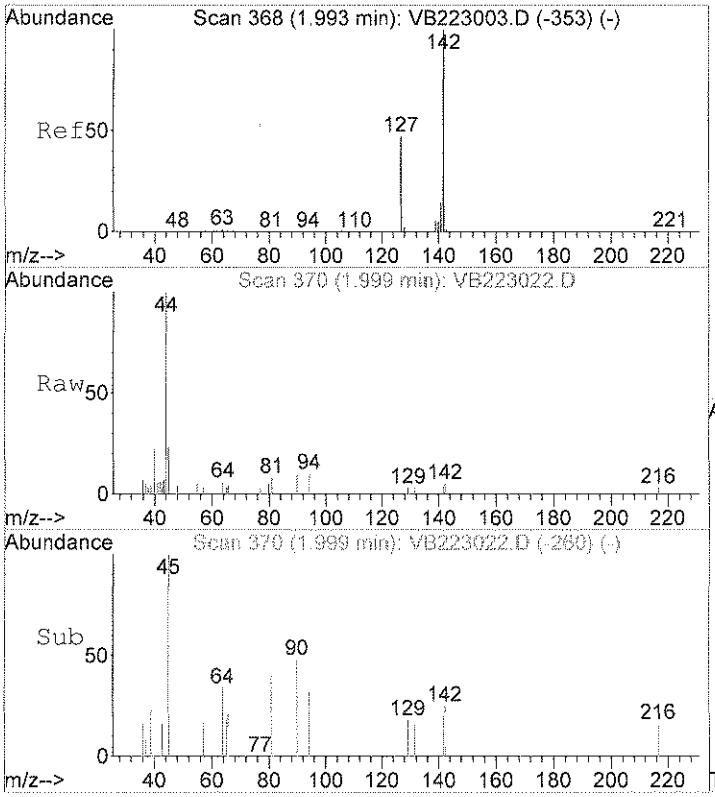


#14
1,1-DICHLOROETHENE
Concen: 1.22 UG/L
RT: 1.88 min Scan# 329
Delta R.T. -0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 61 Resp: 7981

Ion	Ratio	Lower	Upper
61	100		
96	49.3	39.8	59.8
63	34.7	24.6	37.0

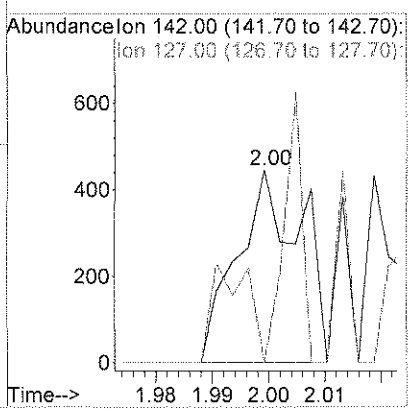


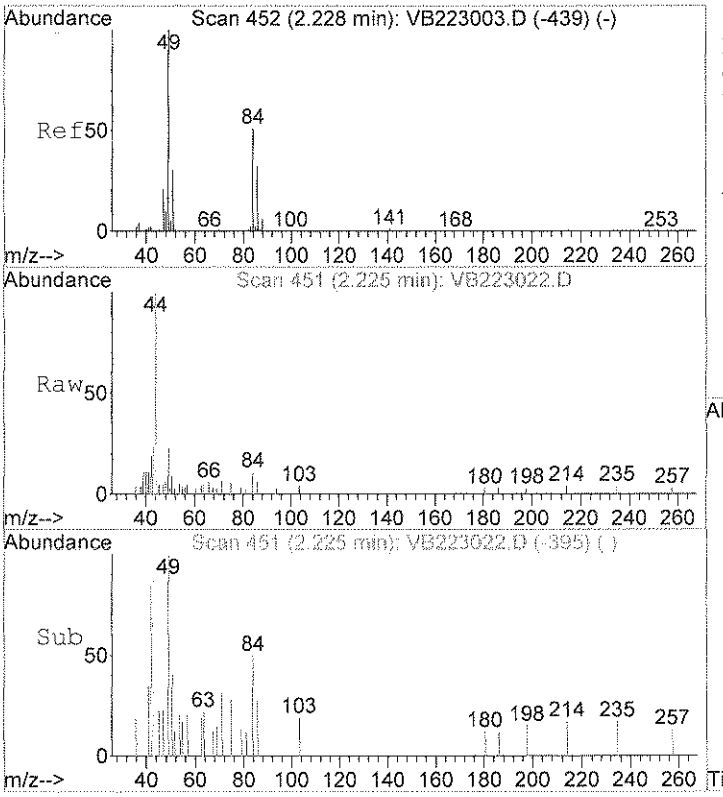


#16
IODOMETHANE
Concen: Below Cal
RT: 2.00 min Scan# 370
Delta R.T. 0.01 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion:142 Resp: 346

Ion	Ratio	Lower	Upper
142	100		
127	40.2	34.5	51.7

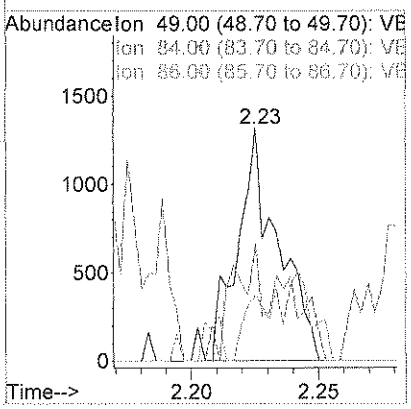


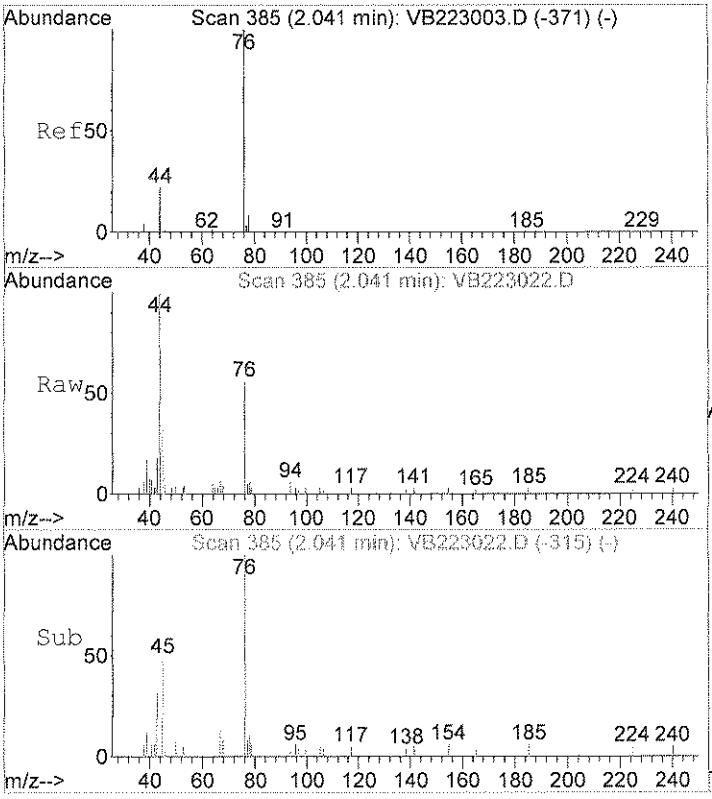


#20
METHYLENE CHLORIDE
Concen: 0.19 UG/L
RT: 2.23 min Scan# 451
Delta R.T. -0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 49 Resp: 1479

Ion	Ratio	Lower	Upper
49	100		
84	35.7	41.1	61.7#
86	0.0	26.5	39.7#

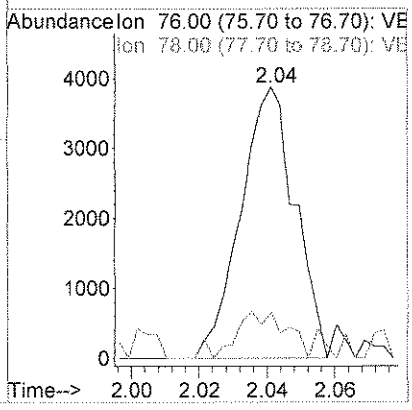


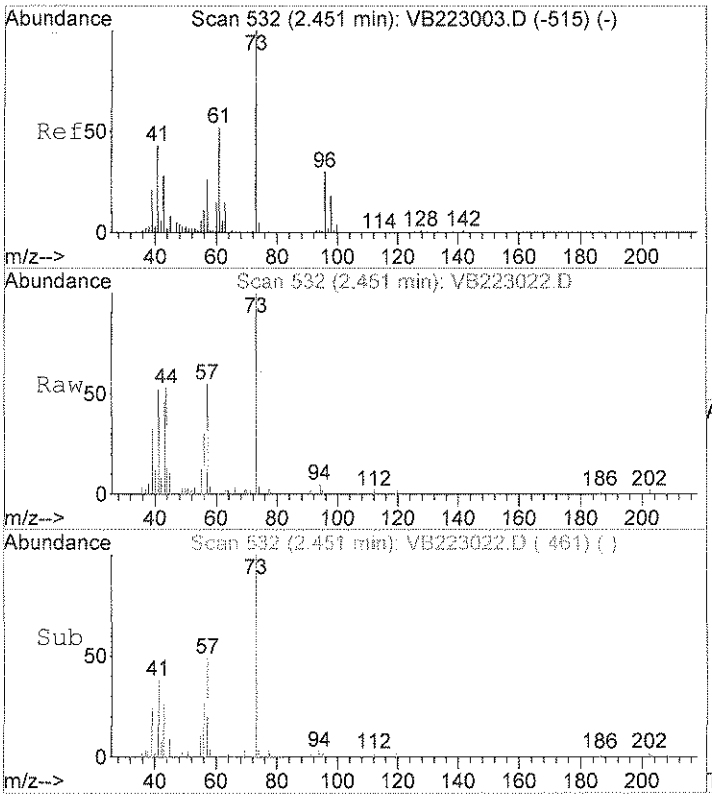


#21
CARBON DISULFIDE
Concen: 0.53 UG/L
RT: 2.04 min Scan# 385
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 76 Resp: 4285

Ion	Ratio	Lower	Upper
76	100		
78	15.0	9.3	13.9#

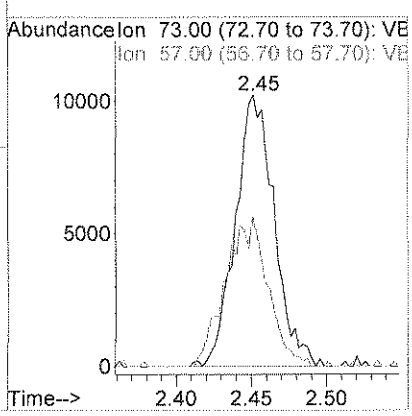


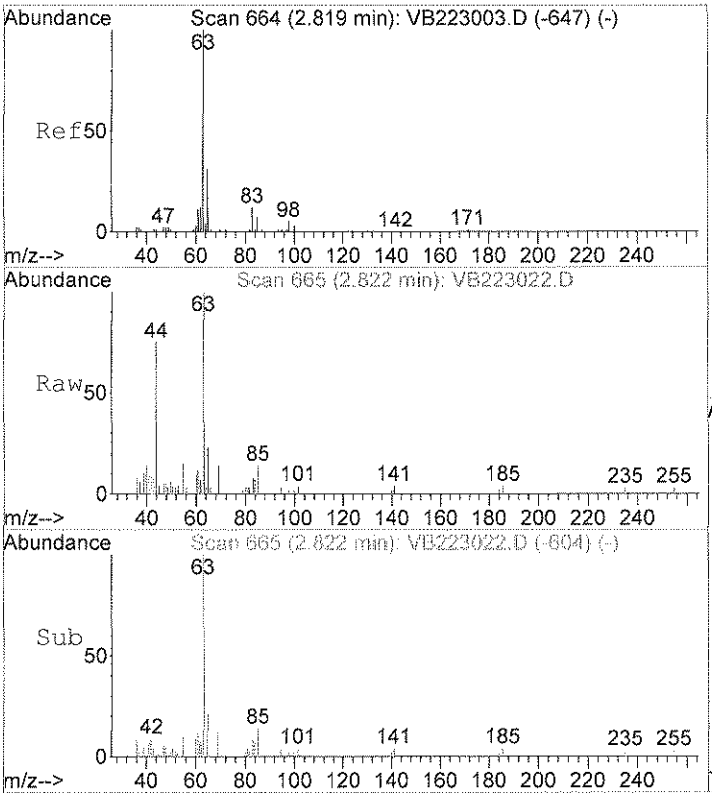


#22
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.58 UG/L
RT: 2.45 min Scan# 532
Delta R.T. -0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 73 Resp: 18323

Ion	Ratio	Lower	Upper
73	100		
57	59.9	21.1	31.7#

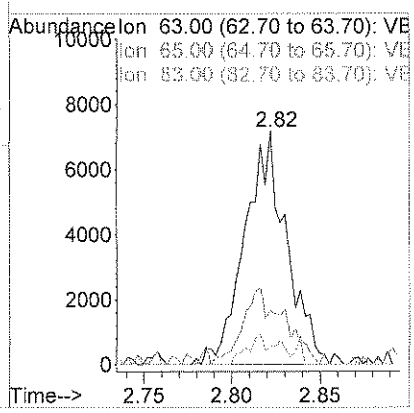


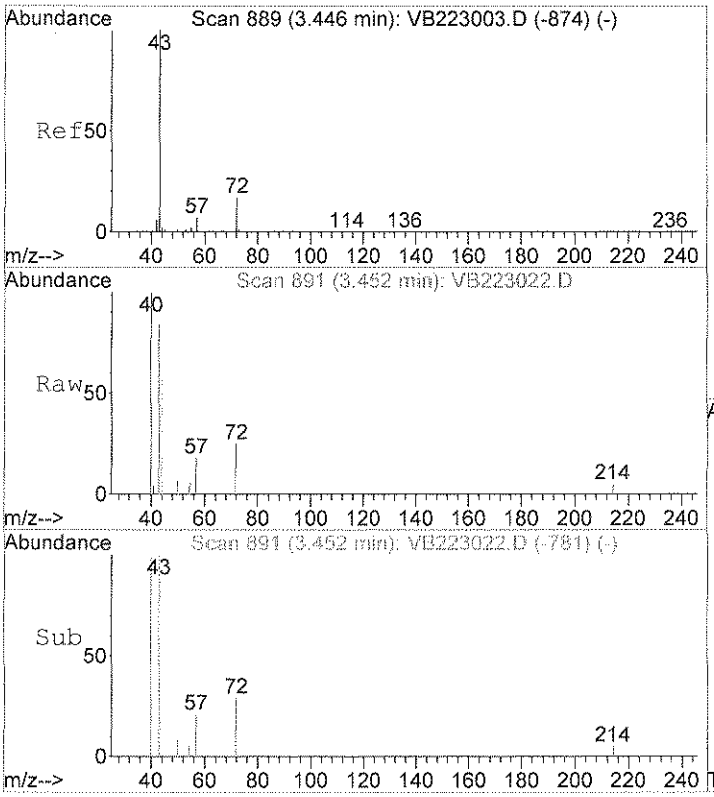


#24
1,1-DICHLOROETHANE
Concen: 1.52 UG/L
RT: 2.82 min Scan# 665
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 63 Resp: 11704

Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.9	35.9
83	6.9	9.4	14.0#

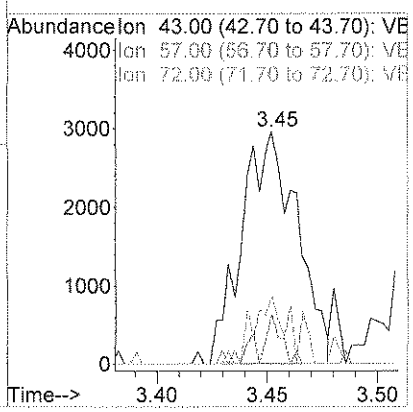


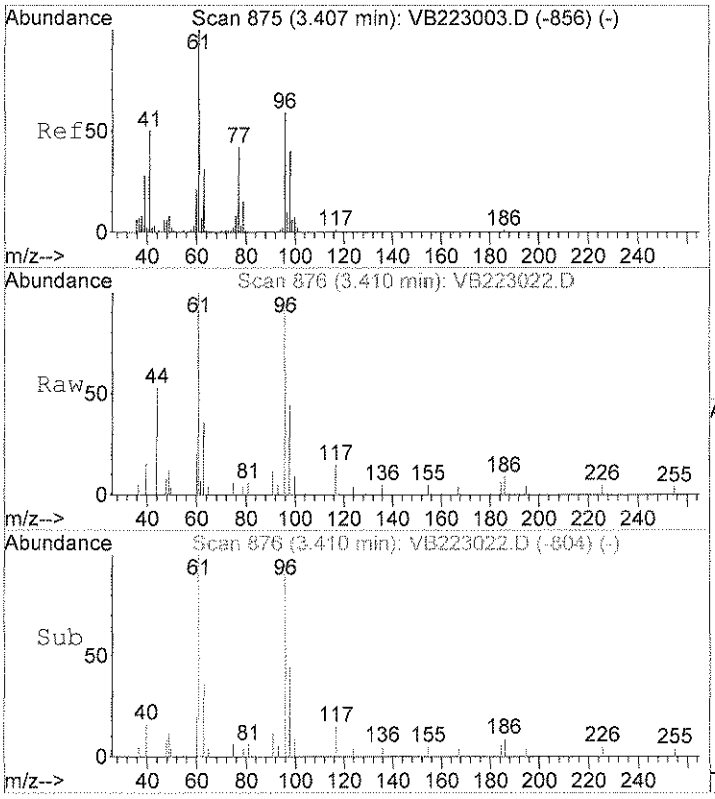


#27
2-BUTANONE
Concen: 1.48 UG/L
RT: 3.45 min Scan# 891
Delta R.T. 0.01 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 43 Resp: 5178

Ion	Ratio	Lower	Upper
43	100		
57	0.0	5.7	8.5#
72	16.3	14.8	22.2

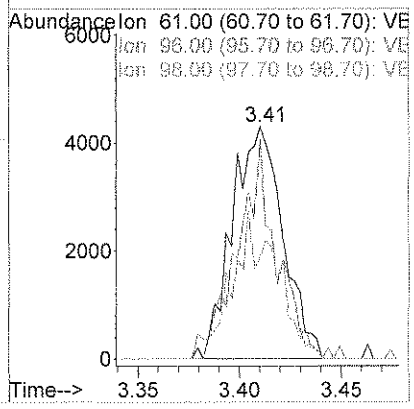


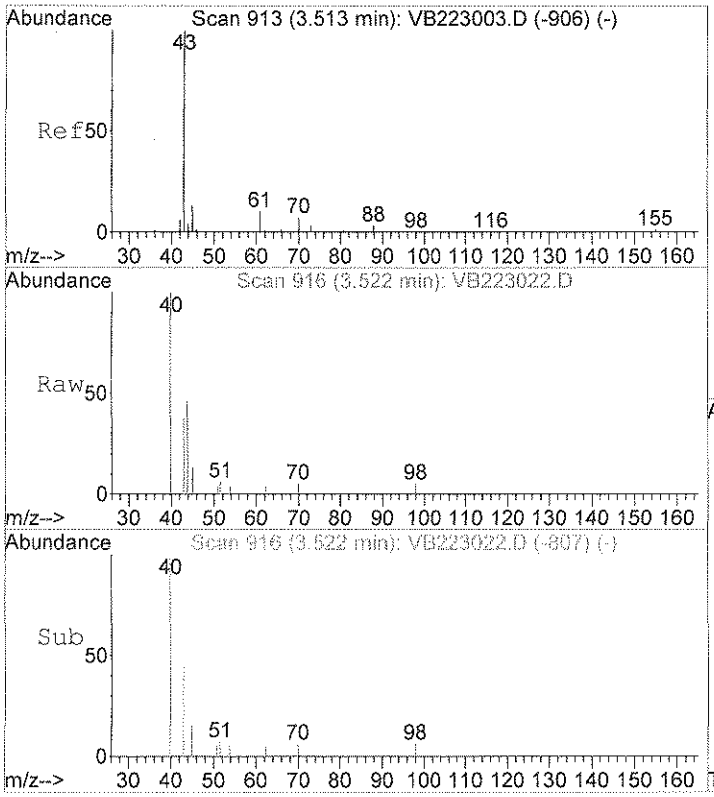


#29
CIS-1,2-DICHLOROETHENE
Concen: 0.78 UG/L
RT: 3.41 min Scan# 876
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 61 Resp: 7445

Ion	Ratio	Lower	Upper
61	100		
96	72.1	48.0	72.0#
98	54.7	30.6	46.0#

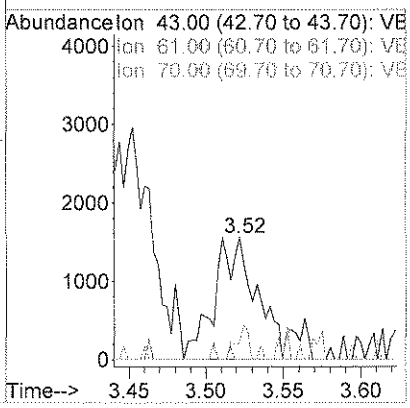


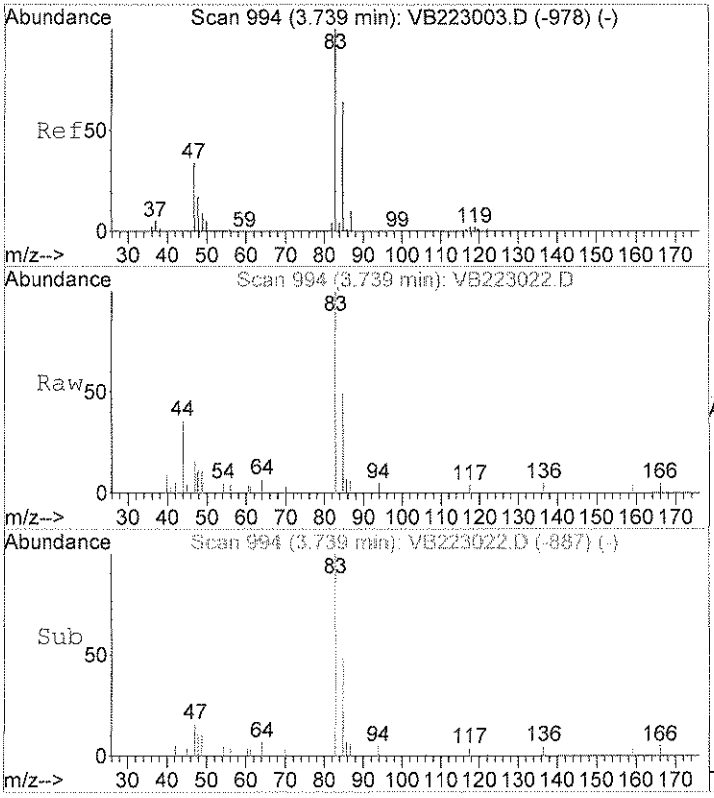


#31
ETHYL ACETATE
Concen: 0.38 UG/L m
RT: 3.52 min Scan# 916
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 43 Resp: 3268

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.4	14.2#
70	7.2	6.3	9.5

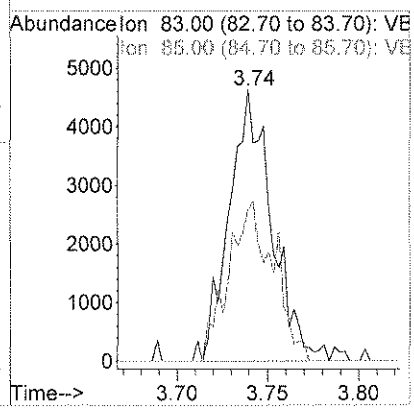


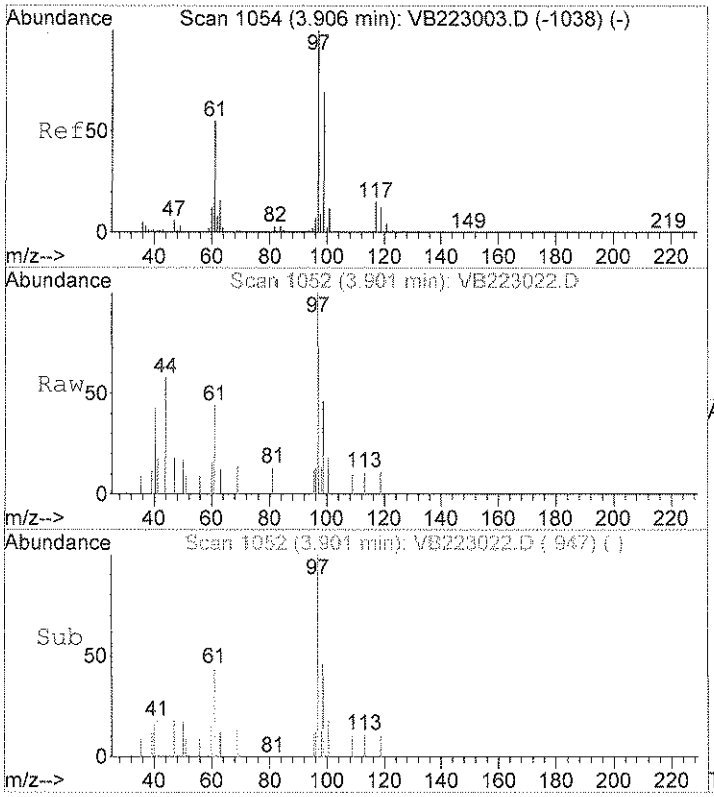


#34
CHLOROFORM
Concen: 0.84 UG/L
RT: 3.74 min Scan# 994
Delta R.T. -0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 83 Resp: 7515

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.2	76.8

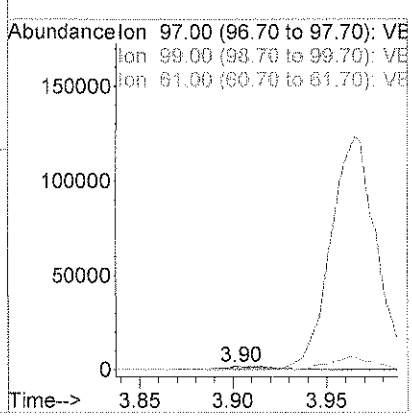


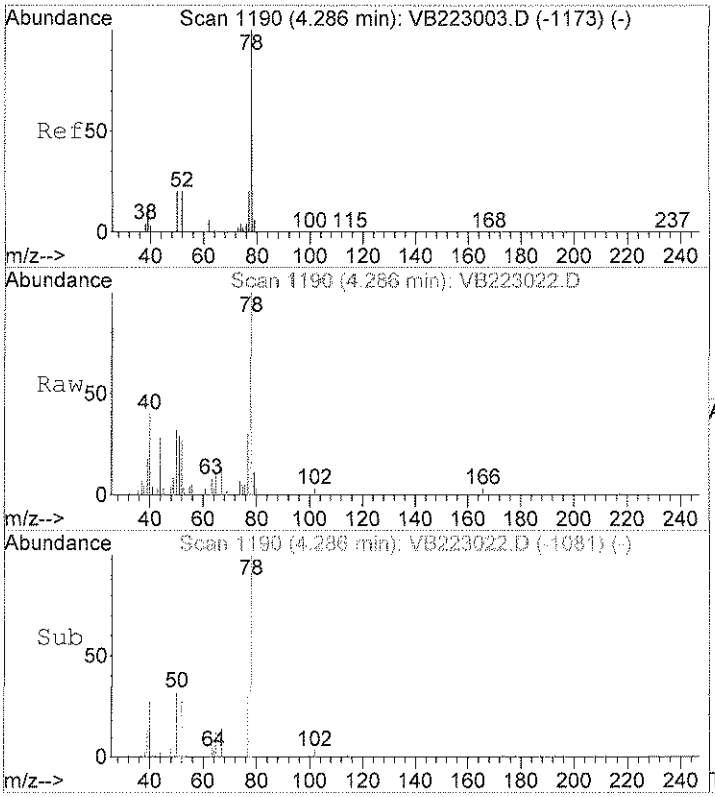


#35
1,1,1-TRICHLOROETHANE
Concen: 0.46 UG/L m
RT: 3.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 97 Resp: 2878

Ion	Ratio	Lower	Upper
97	100		
99	21.8	51.0	76.6#
61	30.4	40.7	61.1#

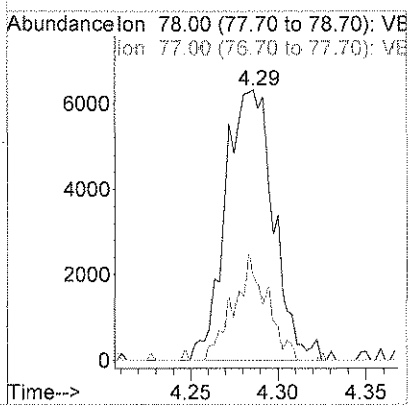


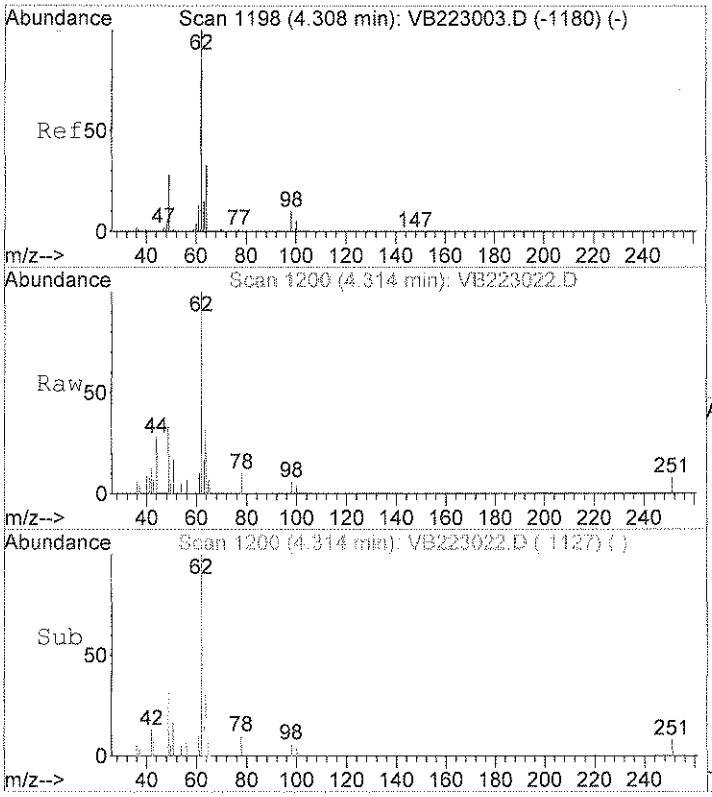


#39
BENZENE
Concen: 0.58 UG/L
RT: 4.29 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 78 Resp: 12036

Ion	Ratio	Lower	Upper
78	100		
77	27.1	18.5	27.7

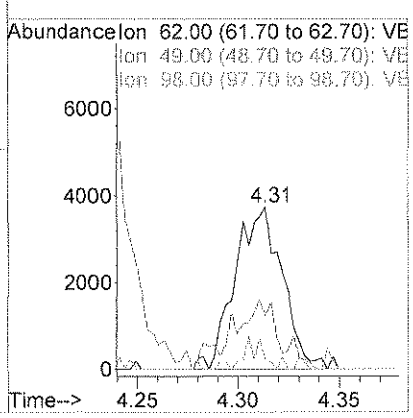


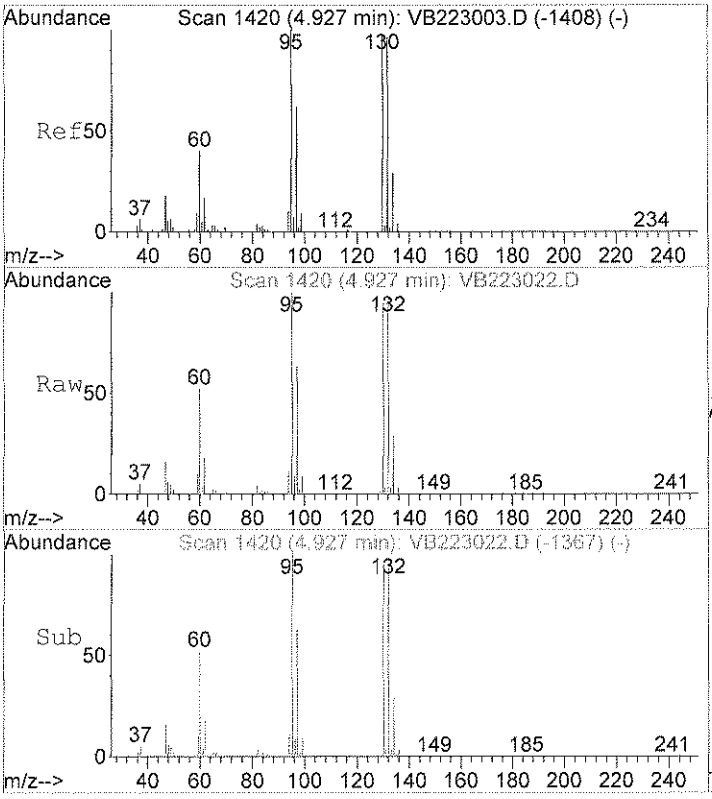


#43
1,2-DICHLOROETHANE
Concen: 0.71 UG/L
RT: 4.31 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 62 Resp: 6066

Ion	Ratio	Lower	Upper
62	100		
49	0.0	31.5	47.3#
98	0.0	5.9	8.9#

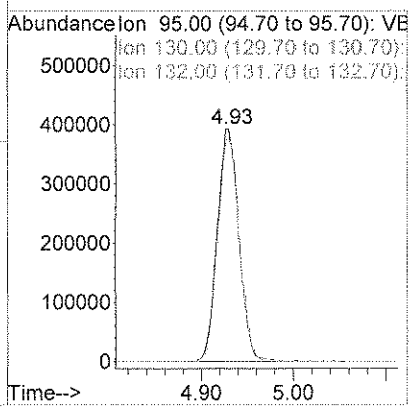


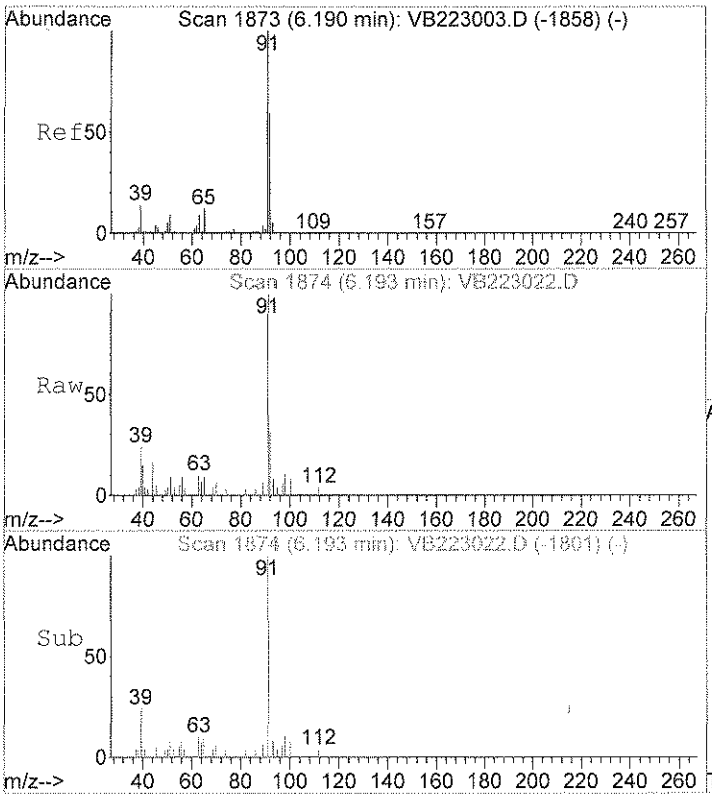


#44
TRICHLOROETHENE
Concen: 122.45 UG/L
RT: 4.93 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 95 Resp: 629690

Ion	Ratio	Lower	Upper
95	100		
130	95.5	77.0	115.6
132	96.8	78.0	117.0

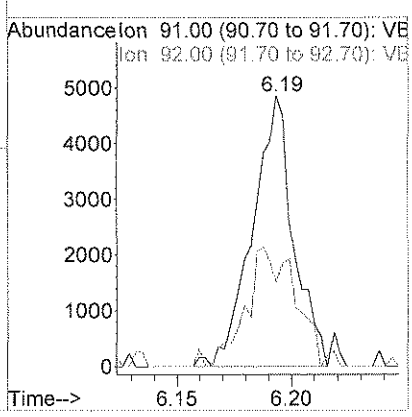


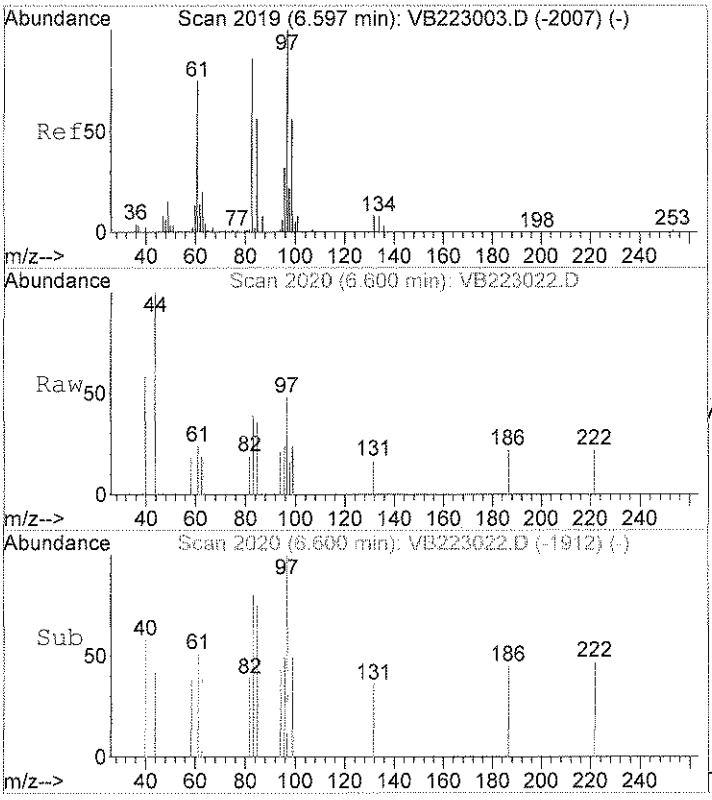


#53
TOLUENE
Concen: 0.27 UG/L
RT: 6.19 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 91 Resp: 5994

Ion	Ratio	Lower	Upper
91	100		
92	53.4	47.8	71.6

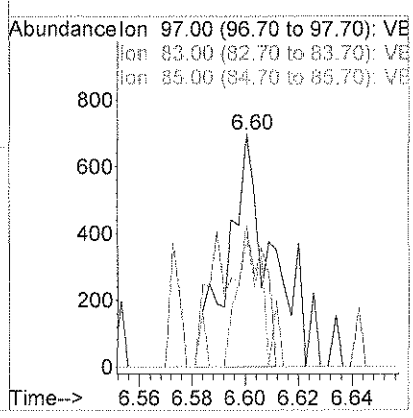


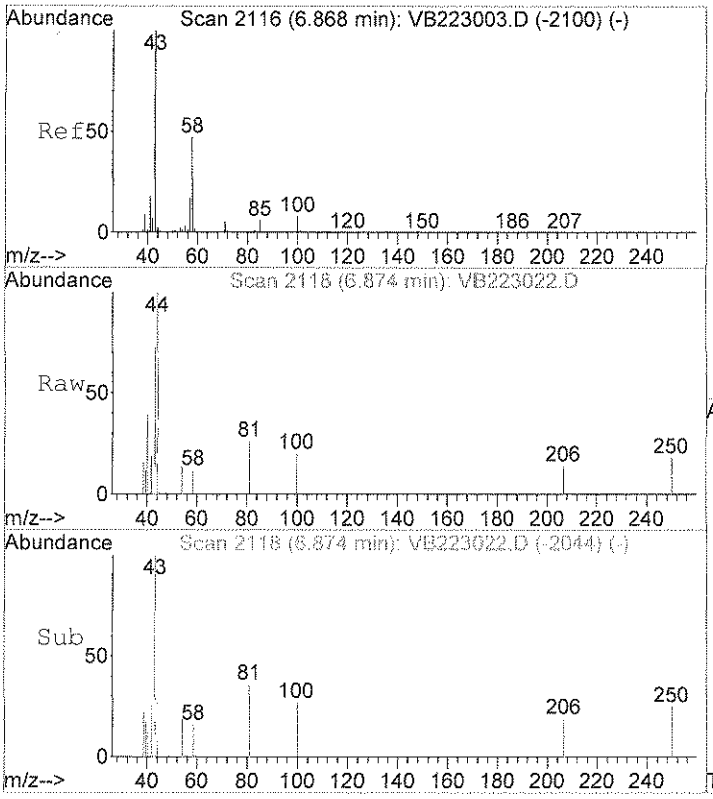


#56
1,1,2-TRICHLOROETHANE
Concen: 0.16 UG/L
RT: 6.60 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 97 Resp: 807

Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.9	98.9#
85	0.0	42.3	63.5#

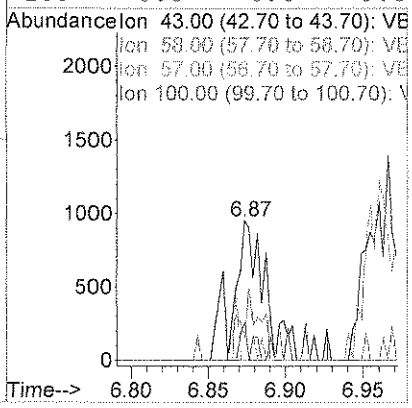


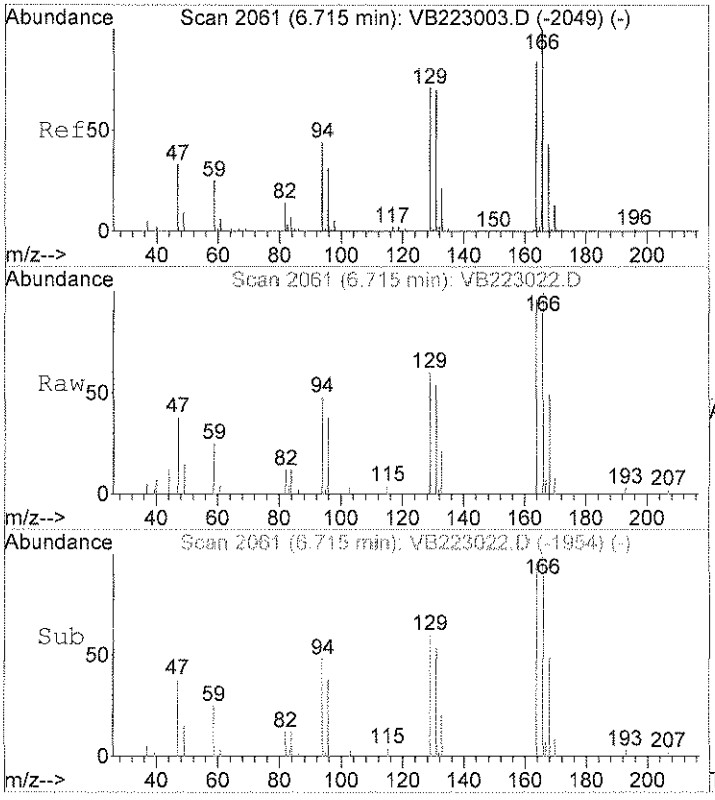


#57
2-HEXANONE
Concen: 0.30 UG/L m
RT: 6.87 min Scan# 2118
Delta R.T. 0.01 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion: 43 Resp: 1474

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.5	59.3#
57	0.0	14.1	21.1#
100	0.0	6.6	9.8#

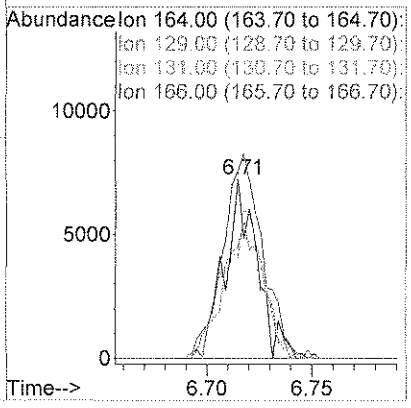


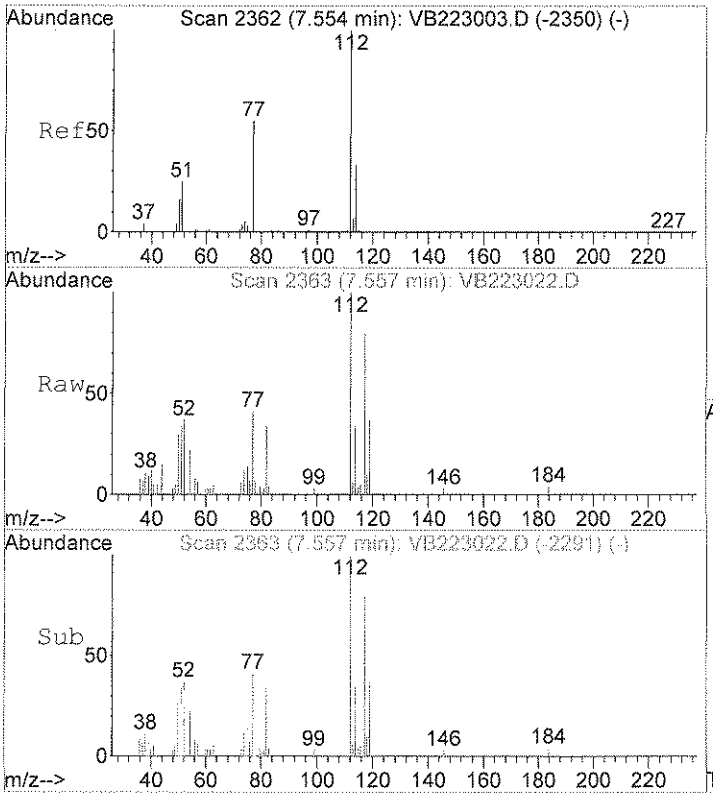


#58
TETRACHLOROETHENE
Concen: 2.07 UG/L
RT: 6.71 min Scan# 2061
Delta R.T. -0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion:164 Resp: 7904

Ion	Ratio	Lower	Upper
164	100		
129	91.6	70.1	105.1
131	94.1	70.2	105.4
166	136.5	100.6	151.0

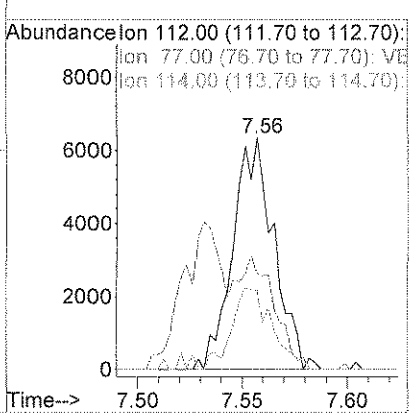


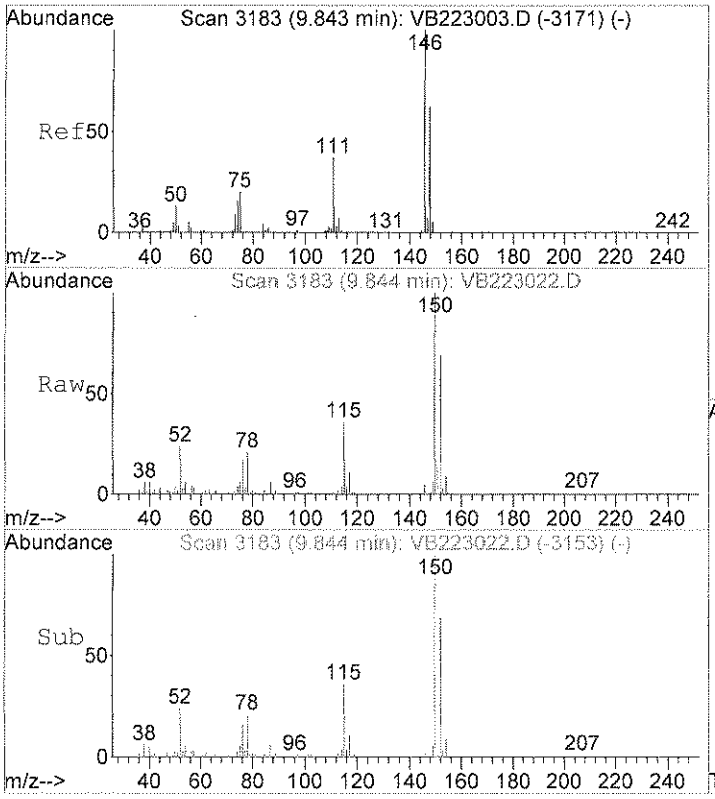


#64
CHLOROBENZENE
Concen: 0.62 UG/L
RT: 7.56 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion:112 Resp: 8614

Ion	Ratio	Lower	Upper
112	100		
77	0.0	45.7	68.5#
114	34.8	25.7	38.5

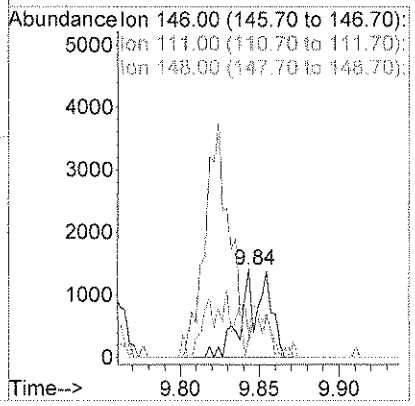


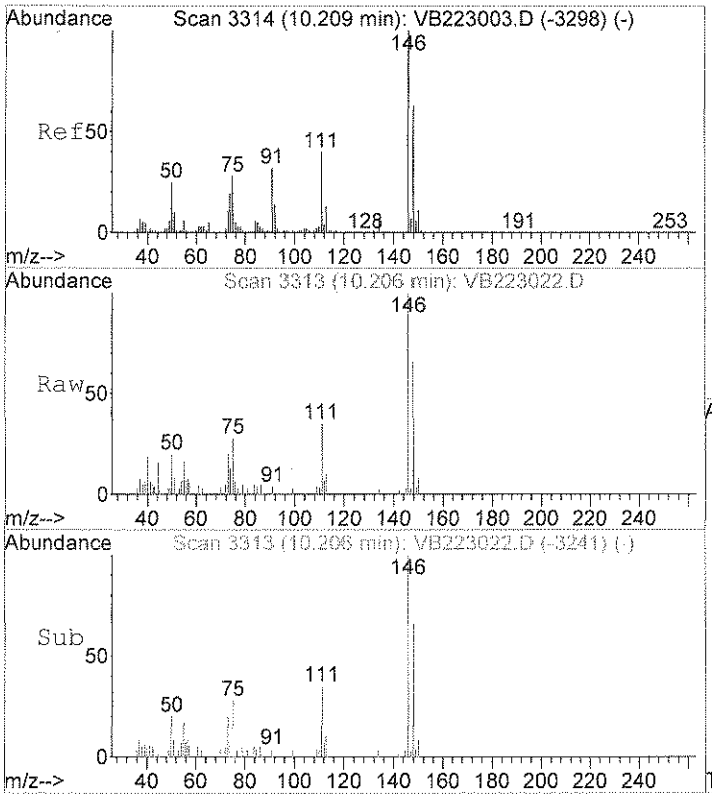


#87
1,4-DICHLOROBENZENE
Concen: 0.13 UG/L m
RT: 9.84 min Scan# 3183
Delta R.T. -0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

Tgt Ion:146 Resp: 1568

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.1	45.1#
148	40.8	50.8	76.2#

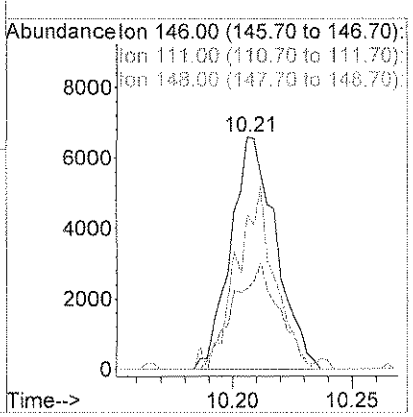




#89
1,2-DICHLOROBENZENE
Concen: 0.77 UG/L
RT: 10.21 min Scan# 3313
Delta R.T. 0.00 min
Lab File: VB223022.D
Acq: 11 Aug 2011 11:25 pm

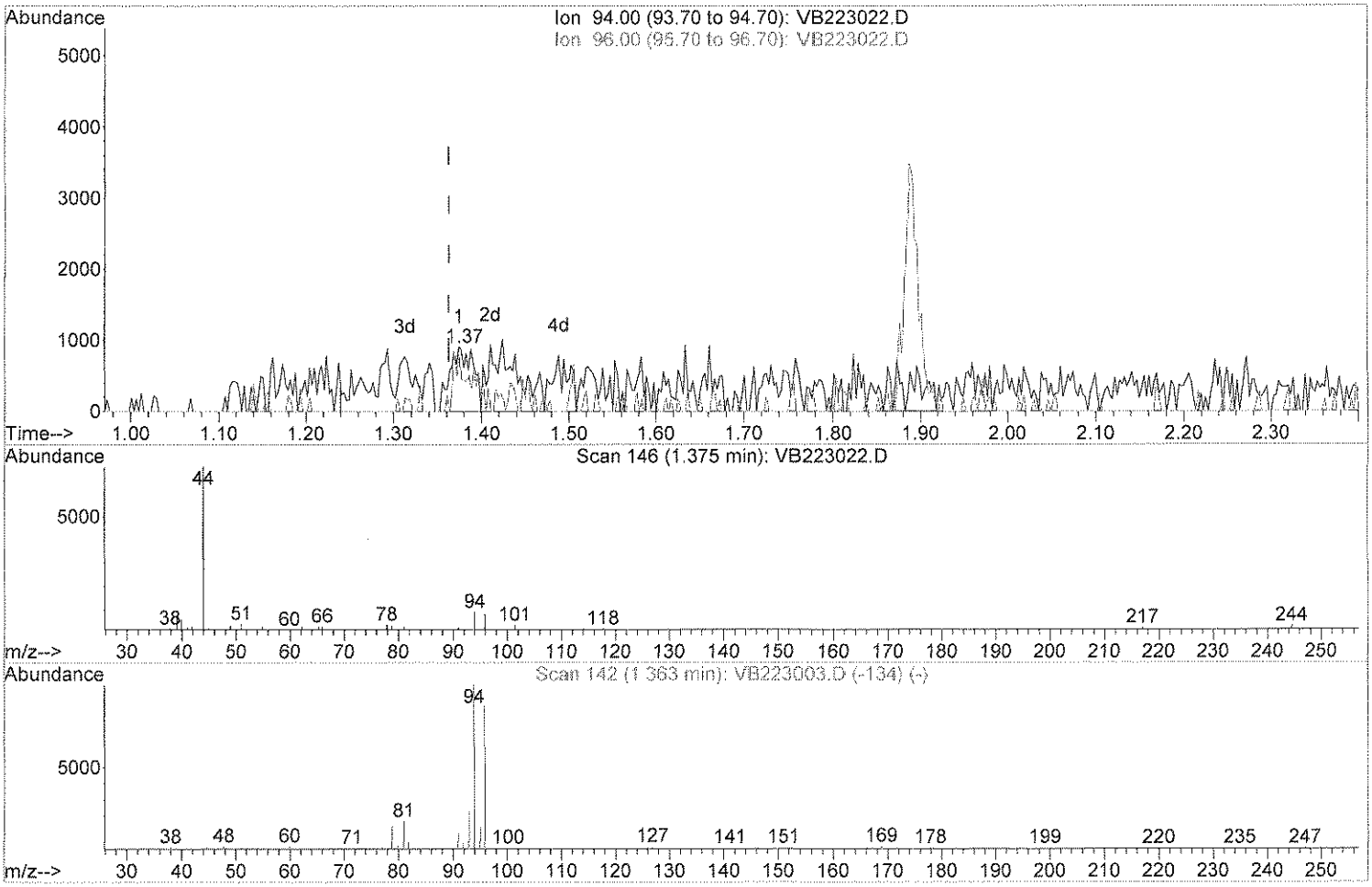
Tgt Ion:146 Resp: 8702

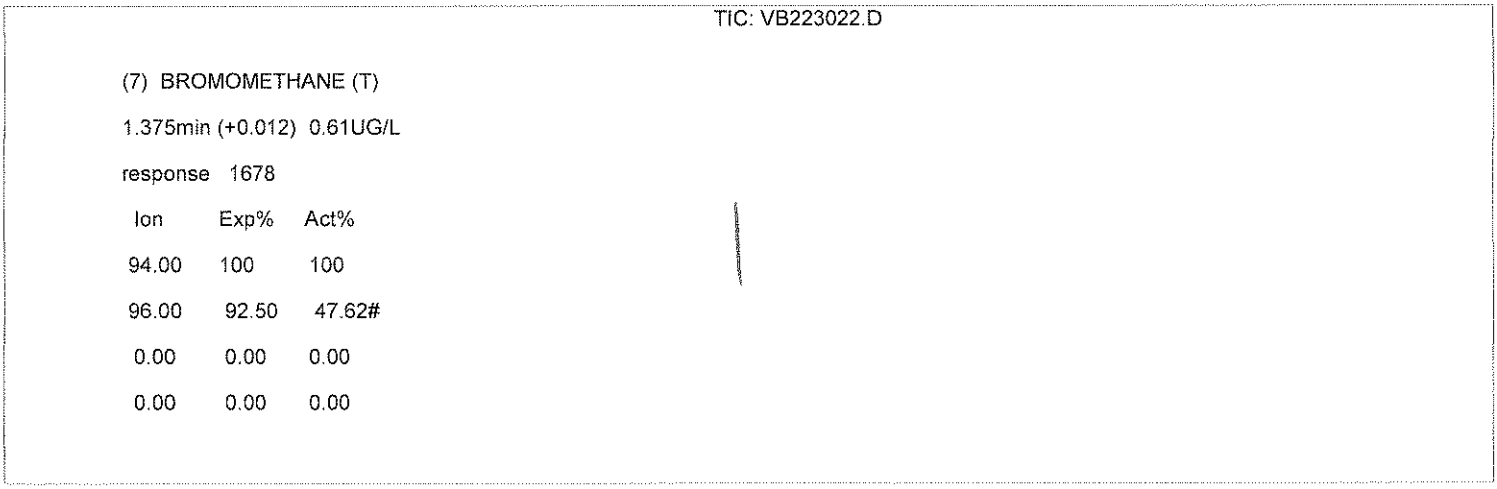
Ion	Ratio	Lower	Upper
146	100		
111	46.0	32.2	48.4
148	66.2	50.9	76.3



Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223022.D
Acq On : 11 Aug 2011 11:25 pm
Operator : LBD/MFF
Sample : 11H0373-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 12 08:06:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration





(7) BROMOMETHANE (T)

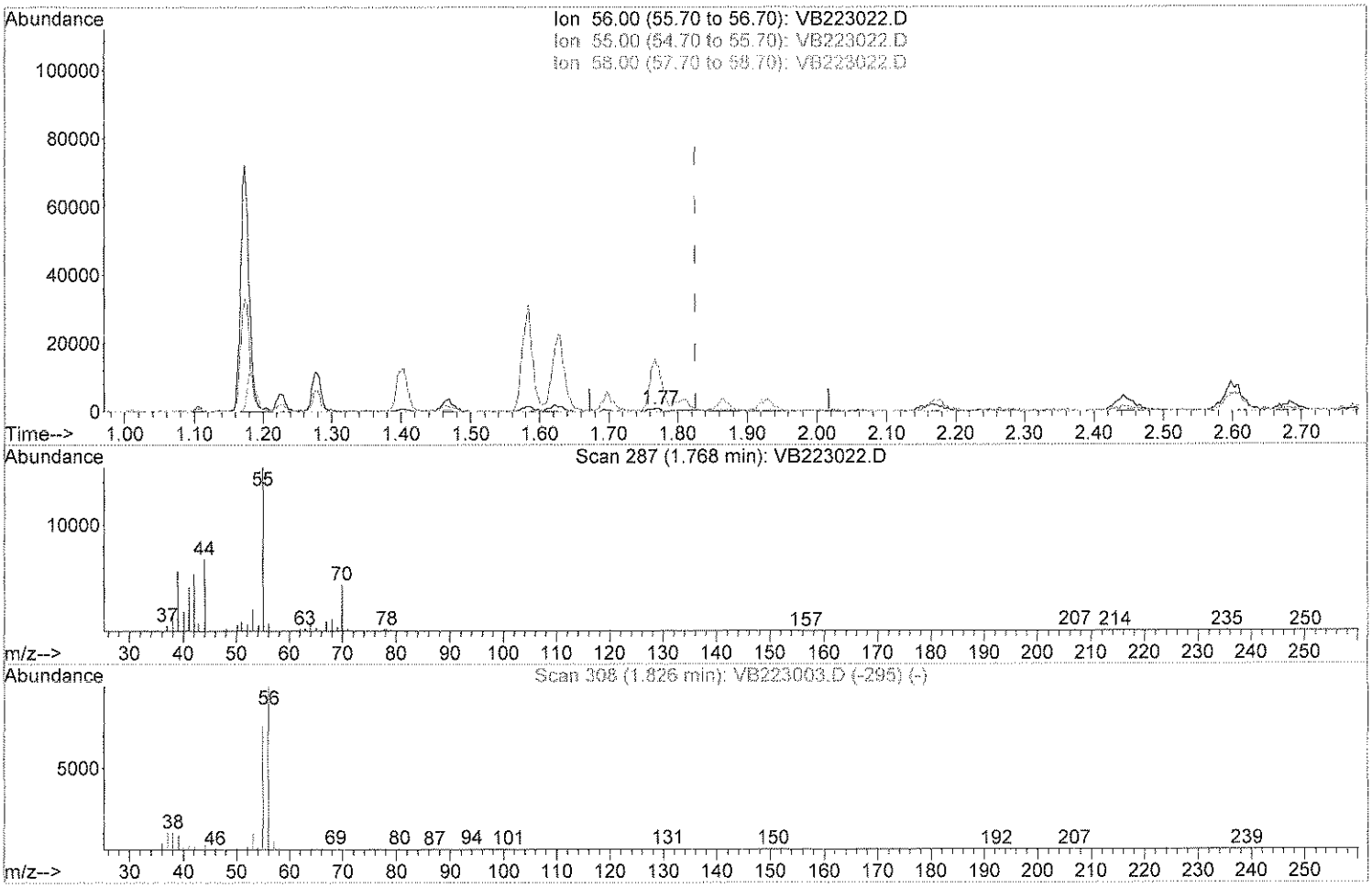
1.375min (+0.012) 0.61UG/L

response 1678

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	47.62#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223022.D
Acq On : 11 Aug 2011 11:25 pm
Operator : LBD/MFF
Sample : 11H0373-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 12 08:06:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223022.D

(12) ACROLEIN

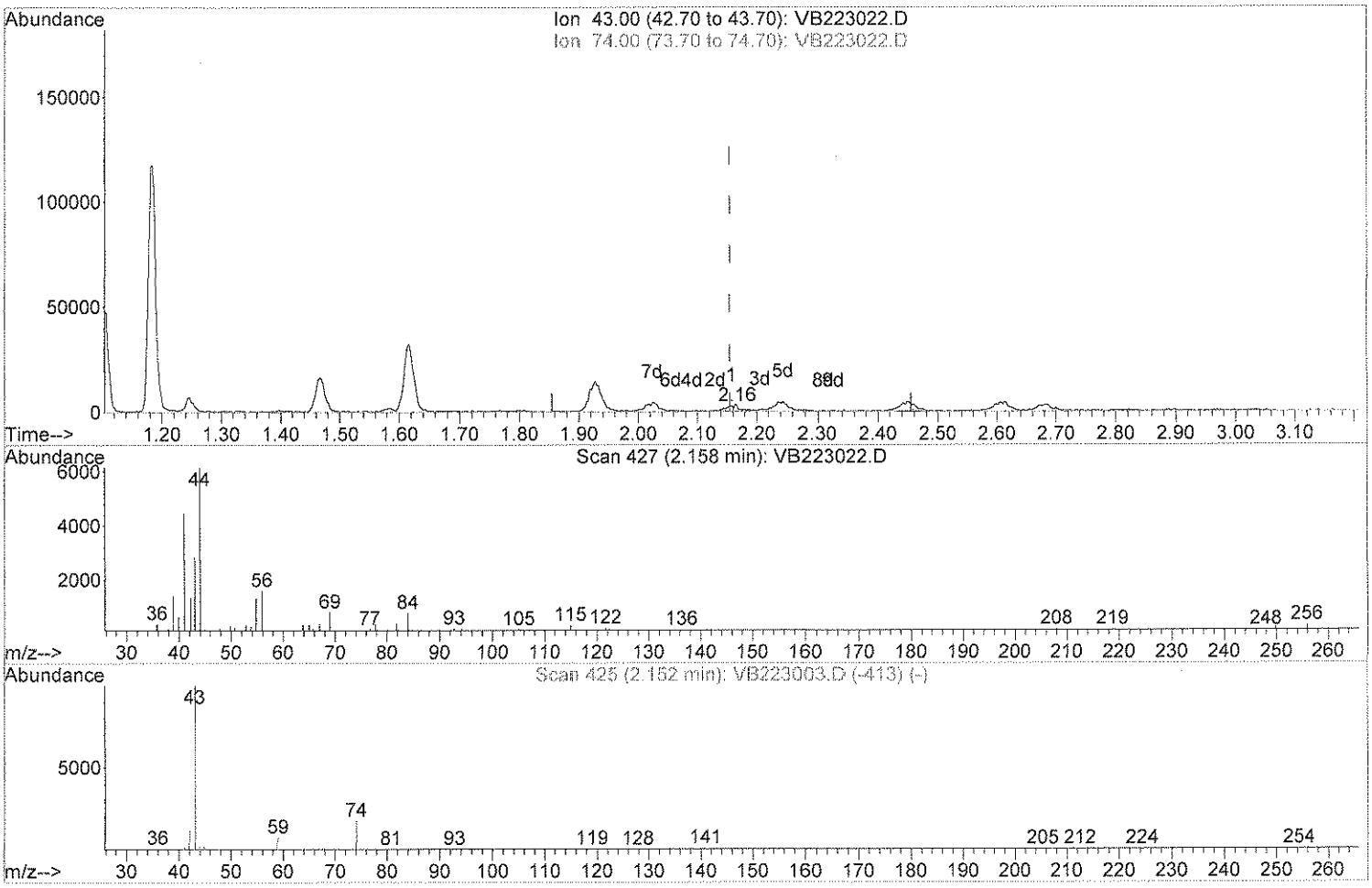
1.768min (-0.058) 2.18UG/L

response 853

Ion	Exp%	Act%
56.00	100	100
55.00	73.80	2111.84#
58.00	0.50	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223022.D
Acq On : 11 Aug 2011 11:25 pm
Operator : LBD/MFF
Sample : 11H0373-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 12 08:06:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223022.D

(17) METHYL ACETATE

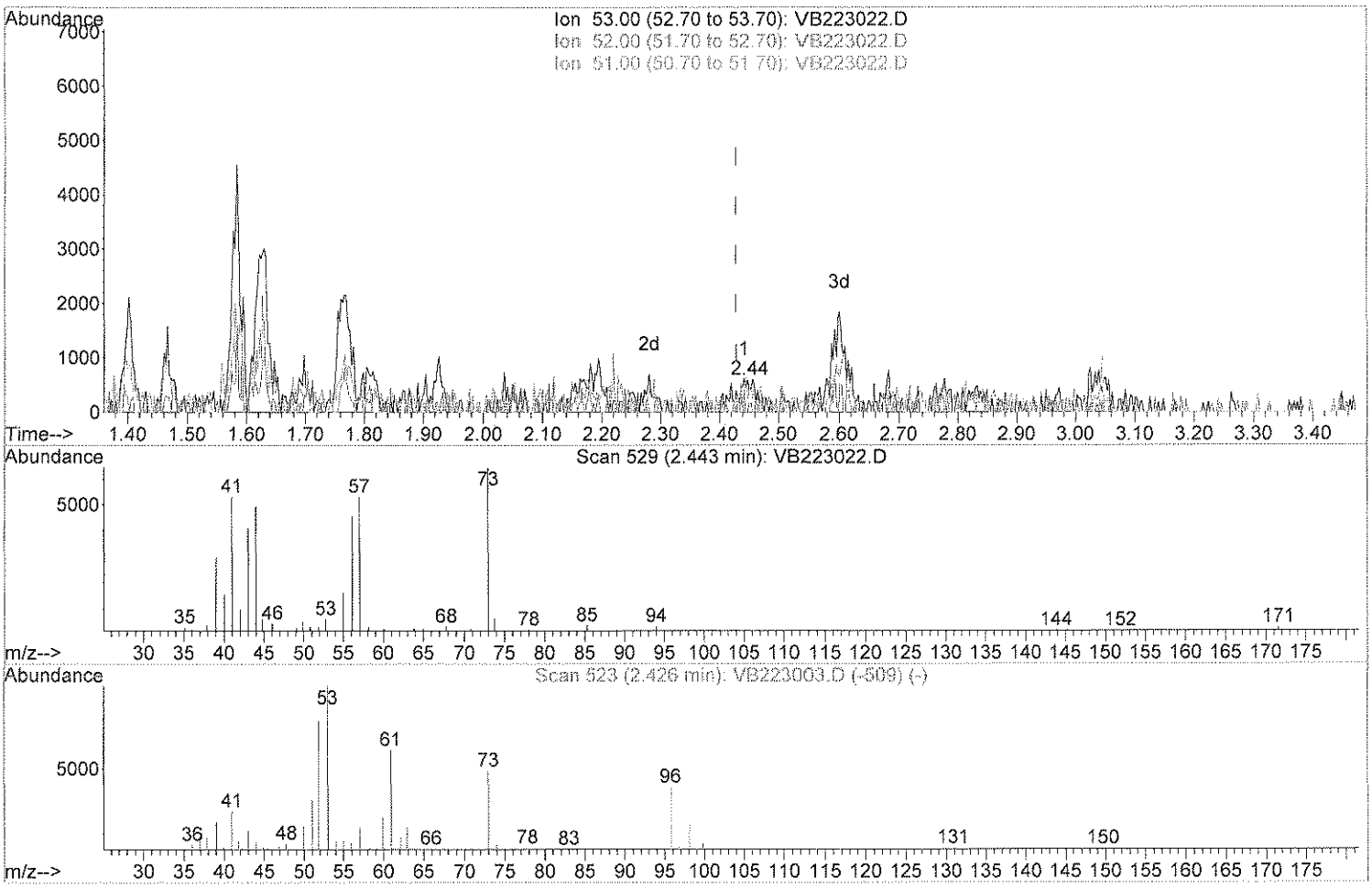
2.158min (+0.003) 0.21UG/L

response 2277

Ion	Exp%	Act%
43.00	100	100
74.00	15.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223022.D
Acq On : 11 Aug 2011 11:25 pm
Operator : LBD/MFF
Sample : 11H0373-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 12 08:06:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223022.D

(19) ACRYLONITRILE

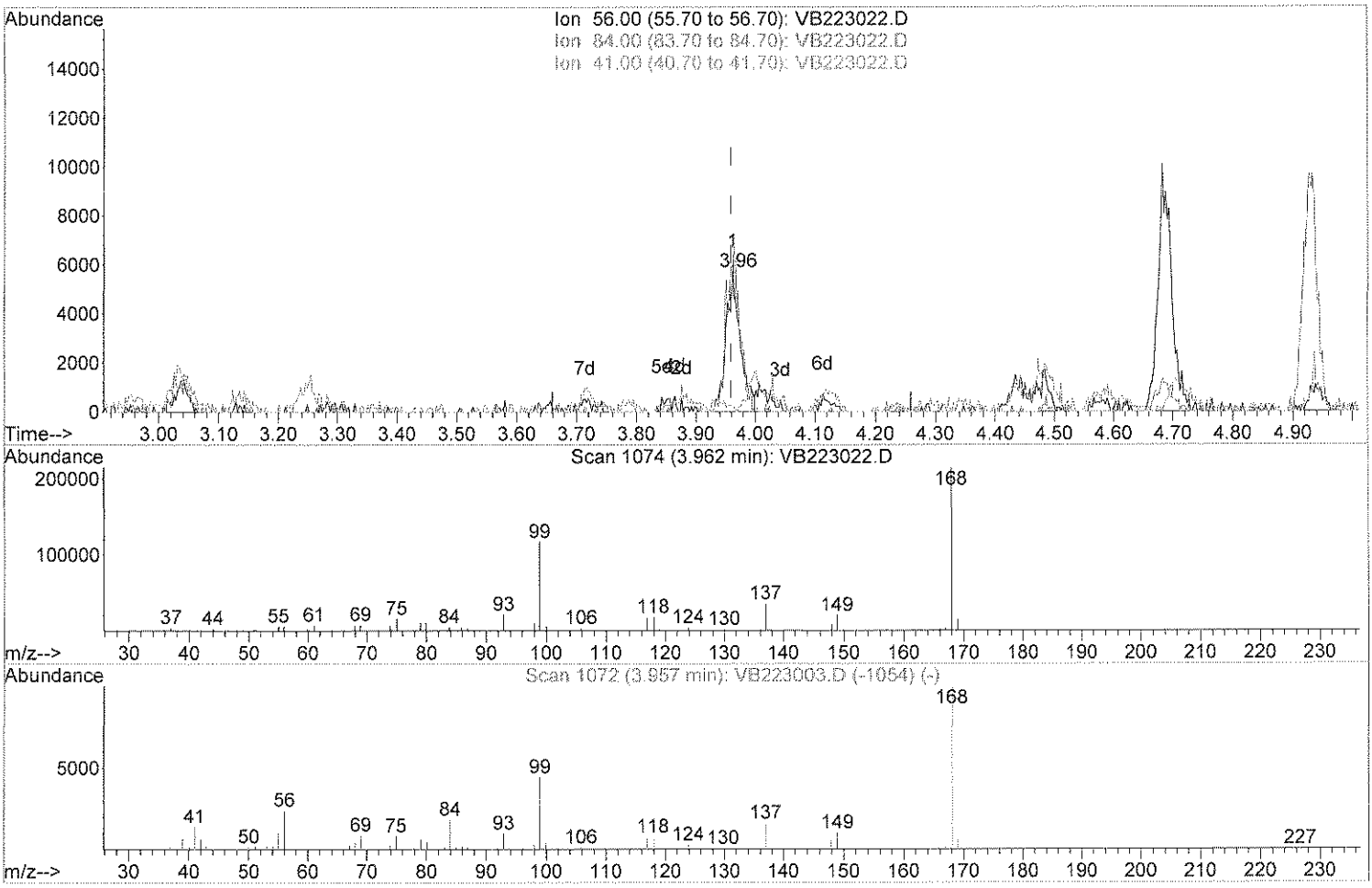
2.443min (+0.014) 0.39UG/L

response 970

Ion	Exp%	Act%
53.00	100	100
52.00	78.50	0.00#
51.00	41.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223022.D
Acq On : 11 Aug 2011 11:25 pm
Operator : LBD/MFF
Sample : 11H0373-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 12 08:06:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223022.D

(36) CYCLOHEXANE

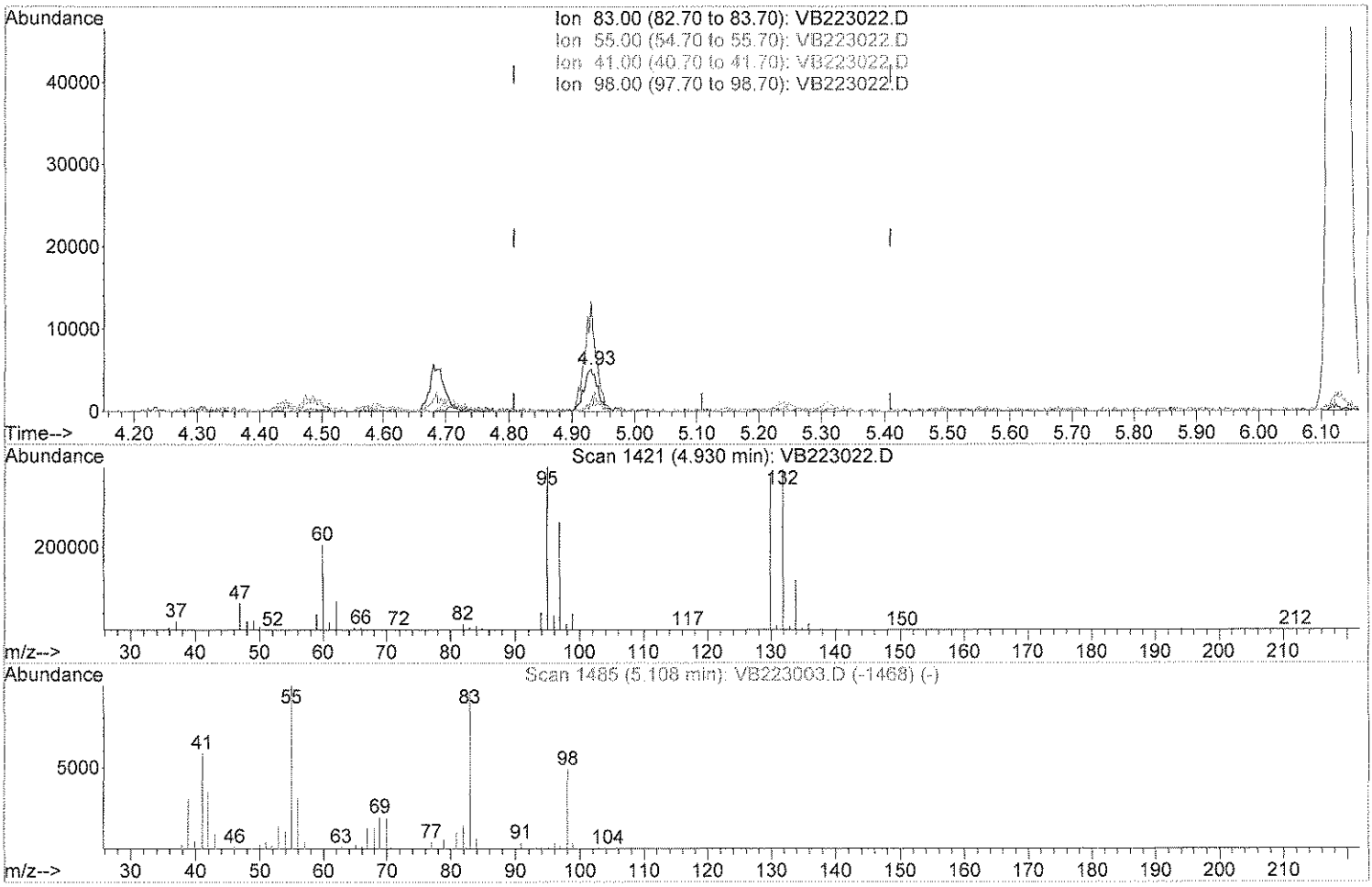
3.962min (+0.003) 1.03UG/L

response 9526

Ion	Exp%	Act%
56.00	100	100
84.00	67.60	108.45#
41.00	59.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223022.D
Acq On : 11 Aug 2011 11:25 pm
Operator : LBD/MFF
Sample : 11H0373-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 12 08:06:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223022.D

(45) METHYLCYCLOHEXANE

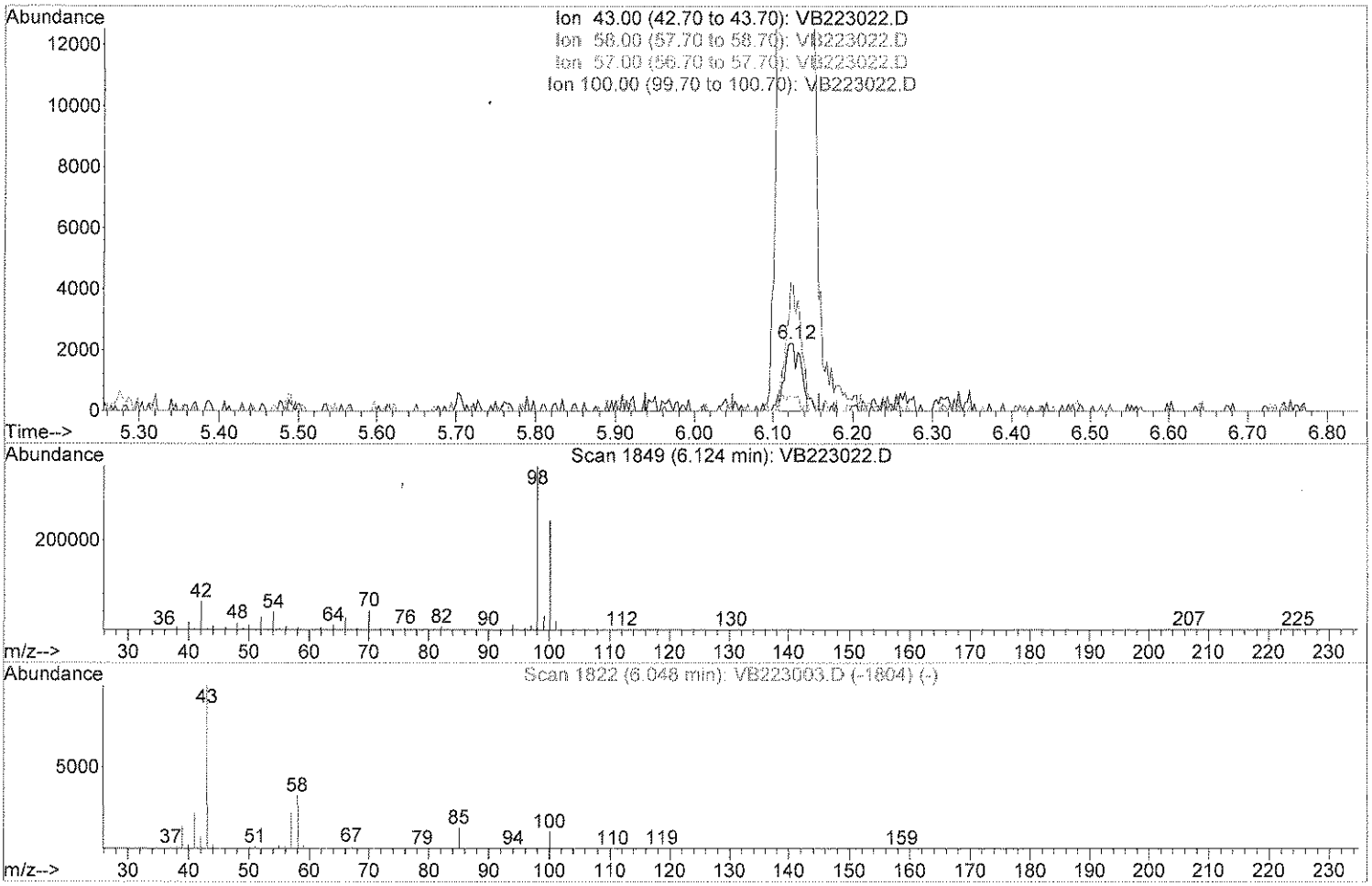
4.930min (-0.178) 1.38UG/L

response 7828

Ion	Exp%	Act%
83.00	100	100
55.00	102.90	13.96#
41.00	58.40	25.03#
98.00	47.60	215.65#

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223022.D
Acq On : 11 Aug 2011 11:25 pm
Operator : LBD/MFF
Sample : 11H0373-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 12 08:06:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223022.D

(51) MIBK (T)

6.124min (+0.075) 0.45UG/L

response 3161

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	169.09#
57.00	24.10	0.00#
100.00	11.00	11375.96#

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

VOLATILES CALIBRATION DATA

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0373

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.2102271	0.5	0.211121	1	0.221048	2	0.2119114	5	0.2380661	10	0.2497067
Ethyl Methacrylate	0.4	~~0.2551104~~	0.5	~~0.2254444~~	1	0.2849095	2	0.2613692	5	0.2976114	10	0.3086543
Acetone	4	0.1703746	5	0.1705382	10	0.1572997	20	0.1572232	50	0.149822	100	0.1409181
Acrolein	4	~~4.348111E-02~~	5	~~4.953914E-02~~	10	~~4.197301E-02~~	20	3.745779E-02	50	3.368109E-02	100	2.817292E-02
Acrylonitrile	0.4	~~0.2661531~~	0.5	0.2435496	1	0.2388074	2	0.1982862	5	0.2145496	10	0.1982211
tert-Amyl Methyl Ether (TAME)	0.4	0.8011257	0.5	0.8310912	1	0.8632485	2	0.8407993	5	0.9166451	10	0.9301367
Benzene	0.4	1.625584	0.5	1.637306	1	1.705881	2	1.552558	5	1.781403	10	1.742632
Bromobenzene	0.4	0.9274727	0.5	0.9849084	1	1.024673	2	0.9172579	5	1.031954	10	1.002419
Bromochloromethane	0.4	0.1629917	0.5	0.1944652	1	0.2142923	2	0.197479	5	0.2045497	10	0.2028017
Bromodichloromethane	0.4	0.2207805	0.5	0.2340739	1	0.2466344	2	0.2297233	5	0.2732985	10	0.2930255
Bromoform	0.4	0.113324	0.5	0.1486563	1	0.1535418	2	0.1429961	5	0.2092807	10	0.2268638
Bromomethane	0.4	~~0.4924748~~	0.5	~~0.5674799~~	1	~~0.3379911~~	2	0.2592921	5	0.2389135	10	0.2087505
2-Butanone (MEK)	4	0.2893352	5	0.2778284	10	0.2743642	20	0.2888333	50	0.2995837	100	0.2893391
tert-Butyl Alcohol (TBA)	4	3.676479E-02	5	3.350312E-02	10	3.488941E-02	20	3.532561E-02	50	3.352313E-02	100	3.211104E-02
n-Butylbenzene	0.4	1.151019	0.5	1.134136	1	1.407255	2	1.166735	5	1.530327	10	1.592783
sec-Butylbenzene	0.4	1.530658	0.5	1.601195	1	1.740158	2	1.513356	5	1.928759	10	2.006063
tert-Butylbenzene	0.4	1.263969	0.5	1.105262	1	1.304527	2	1.095063	5	1.353378	10	1.415095
tert-Butyl Ethyl Ether (TBEE)	0.4	1.306933	0.5	1.355372	1	1.399145	2	1.344889	5	1.425489	10	1.44966
Carbon Disulfide	4	0.4949247	5	0.5809347	10	0.6141262	20	0.5385037	50	0.7413829	100	0.7480977
Carbon Tetrachloride	0.4	~~0.3176504~~	0.5	~~0.3498768~~	1	~~0.3549733~~	2	~~0.2945707~~	5	0.3995948	10	0.4161063
Chlorobenzene	0.4	1.338602	0.5	1.421677	1	1.497706	2	1.273108	5	1.440661	10	1.472726
Chlorodibromomethane	0.4	~~0.1400949~~	0.5	~~0.1258738~~	1	0.1576157	2	0.1503594	5	0.1806091	10	0.1966916
Chloroethane	0.4	~~0~~	0.5	~~0.3457307~~	1	0.2568468	2	0.2421742	5	0.2487528	10	0.2314683
2-Chloroethyl Vinyl Ether	4	0.172143	5	0.1822059	10	0.1984052	20	0.2031337	50	0.2207366	100	0.2218046
Chloroform	0.4	0.6841317	0.5	0.7469657	1	0.7287789	2	0.6672653	5	0.7482263	10	0.7488102
Chloromethane	0.4	0.7292961	0.5	0.7117907	1	0.5983401	2	0.5202658	5	0.5536229	10	0.5225835

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0373

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	1.503621	0.5	1.334194	1	1.665288	2	1.437218	5	1.703953	10	1.700372
4-Chlorotoluene	0.4	1.47828	0.5	1.677669	1	1.839808	2	1.684837	5	1.932408	10	2.000891
Cyclohexane	0.4	~~2.428543~~	0.5	~~2.106885~~	1	~~1.391545~~	2	~~0.9236988~~	5	0.8564314	10	0.7758839
1,2-Dibromo-3-chloropropane (D	0.4	~~7.014582E-02~~	0.5	~~0~~	1	6.459963E-02	2	6.662958E-02	5	7.020005E-02	10	7.324151E-02
1,2-Dibromoethane (EDB)	0.4	0.1920009	0.5	0.2402971	1	0.2382668	2	0.2394413	5	0.2513497	10	0.2553604
Dibromomethane	0.4	0.1552042	0.5	0.1480283	1	0.1634564	2	0.1654971	5	0.1611737	10	0.1704744
1,2-Dichlorobenzene	0.4	1.08782	0.5	1.204308	1	1.200571	2	1.089978	5	1.160802	10	1.187219
1,3-Dichlorobenzene	0.4	1.121213	0.5	1.060463	1	1.231688	2	1.072462	5	1.222102	10	1.190258
1,4-Dichlorobenzene	0.4	1.339718	0.5	1.268706	1	1.310137	2	1.119751	5	1.238281	10	1.235913
trans-1,4-Dichloro-2-butene	0.4	0.1925899	0.5	0.216286	1	0.1979473	2	0.205311	5	0.2160442	10	0.2188405
Dichlorodifluoromethane (Freon	0.4	0.4434773	0.5	0.5072947	1	0.5174601	2	0.4277816	5	0.5056849	10	0.5029127
1,1-Dichloroethane	0.4	0.6019692	0.5	0.6574903	1	0.6599252	2	0.5833232	5	0.6473302	10	0.6242289
1,2-Dichloroethane	0.4	0.3936636	0.5	0.4516357	1	0.423719	2	0.4263887	5	0.4534348	10	0.44362
1,1-Dichloroethylene	0.4	0.5126405	0.5	0.5729635	1	0.538407	2	0.4650107	5	0.563422	10	0.5444883
cis-1,2-Dichloroethylene	0.4	0.7536281	0.5	0.7984575	1	0.8010026	2	0.6785652	5	0.7941161	10	0.7895596
trans-1,2-Dichloroethylene	0.4	0.5258065	0.5	0.5066259	1	0.4867337	2	0.4416374	5	0.5120972	10	0.5002225
Dichlorofluoromethane (Freon 2	0.4	0.5741373	0.5	0.6504018	1	0.6261591	2	0.5699383	5	0.6380398	10	0.6381557
1,2-Dichloropropane	0.4	0.2622025	0.5	0.2726575	1	0.3146514	2	0.2663113	5	0.3015848	10	0.3054484
1,3-Dichloropropane	0.4	0.3874965	0.5	0.4771921	1	0.4572719	2	0.43158	5	0.4412493	10	0.4458757
2,2-Dichloropropane	0.4	0.2971515	0.5	0.3279427	1	0.3403039	2	0.3153544	5	0.3852844	10	0.3896473
1,1-Dichloropropene	0.4	0.5618046	0.5	0.5150519	1	0.5229446	2	0.4722076	5	0.5392321	10	0.5380173
cis-1,3-Dichloropropene	0.4	0.1961123	0.5	0.2522455	1	0.2627894	2	0.2487025	5	0.2906684	10	0.3381146
trans-1,3-Dichloropropene	0.4	0.1599322	0.5	0.1743315	1	0.1827182	2	0.157648	5	0.2193638	10	0.249275
Diethyl Ether	0.4	0.3206503	0.5	0.3833131	1	0.318498	2	0.2908377	5	0.3131163	10	0.3061854
Difluorochloromethane (Freon 2	0.4	0.8416237	0.5	0.8928814	1	0.8424338	2	0.7520817	5	0.8688677	10	0.8428478
Diisopropyl Ether (DIPE)	0.4	1.546088	0.5	1.615104	1	1.578812	2	1.428562	5	1.546372	10	1.484659

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0373

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4	~~0~~	5	~~0~~	10	~~0~~	20	2.049507E-03	50	1.849806E-03	100	2.047064E-03
Ethyl Acetate	0.4	~~1.24177~~	0.5	~~1.02462~~	1	0.7494615	2	0.759346	5	0.7471553	10	0.6785217
Ethylbenzene	0.4	2.057874	0.5	2.192398	1	2.305658	2	2.018181	5	2.434429	10	2.471617
Hexachlorobutadiene	0.4	~~0.3921891~~	0.5	~~0.3837617~~	1	0.3095874	2	0.2202731	5	0.2597574	10	0.2717643
2-Hexanone (MBK)	4	0.1978802	5	0.2115543	10	0.2407564	20	0.2586718	50	0.2774552	100	0.2690553
Iodomethane	4	0.4706759	5	0.4783389	10	0.3244781	20	0.2456919	50	0.3330385	100	0.3721902
Isopropylbenzene (Cumene)	0.4	1.312247	0.5	1.517876	1	1.617046	2	1.372361	5	1.761217	10	1.823716
p-Isopropyltoluene (p-Cymene)	0.4	1.452892	0.5	1.349028	1	1.548813	2	1.29204	5	1.613308	10	1.643073
Methyl Acetate	0.4	1.060779	0.5	1.014322	1	0.8708475	2	0.9360076	5	0.910099	10	0.8383663
Methyl tert-Butyl Ether (MTBE)	0.4	0.9011206	0.5	1.038931	1	1.003863	2	0.9661743	5	0.9451054	10	0.9358013
Methyl Cyclohexane	0.4	0.256755	0.5	0.2683428	1	0.2760449	2	0.2330665	5	0.3051766	10	0.3040107
Methylene Chloride	0.4	~~1.955567~~	0.5	~~1.742296~~	1	~~1.12439~~	2	~~0.9063791~~	5	0.7213858	10	0.6647072
4-Methyl-2-pentanone (MIBK)	4	0.3097402	5	0.3196963	10	0.3591028	20	0.3856893	50	0.4042001	100	0.3890615
Naphthalene	0.4	1.647642	0.5	1.211833	1	1.173838	2	1.182469	5	1.233313	10	1.301157
n-Propylbenzene	0.4	2.053617	0.5	2.120894	1	2.451445	2	2.08931	5	2.574942	10	2.56671
Styrene	0.4	1.08641	0.5	1.15826	1	1.329308	2	1.238794	5	1.52129	10	1.62198
1,1,1,2-Tetrachloroethane	0.4	~~0.2933449~~	0.5	~~0.2766524~~	1	0.3540196	2	0.337156	5	0.4034648	10	0.4290846
1,1,2,2-Tetrachloroethane	0.4	0.6434532	0.5	0.6598338	1	0.6808572	2	0.6848482	5	0.6902832	10	0.6829321
Tetrachloroethylene	0.4	0.1899452	0.5	0.1504346	1	0.2103475	2	0.1828982	5	0.1997957	10	0.2029547
Tetrahydrofuran	0.4	0.254987	0.5	0.2225516	1	0.2154817	2	0.1610234	5	0.181404	10	0.1804407
Toluene	0.4	0.9814865	0.5	1.119754	1	1.1461	2	0.9622714	5	1.169741	10	1.157205
1,2,3-Trichlorobenzene	0.4	~~0.9269109~~	0.5	0.6179036	1	0.5345905	2	0.5205191	5	0.4963333	10	0.4833462
1,2,4-Trichlorobenzene	0.4	0.8404052	0.5	0.6252534	1	0.6289918	2	0.5295161	5	0.5973559	10	0.5886805
1,3,5-Trichlorobenzene	0.4	0.6526026	0.5	0.665502	1	0.6635268	2	0.6186163	5	0.7216117	10	0.7174527
1,1,1-Trichloroethane	0.4	0.4161454	0.5	0.4453708	1	0.4674388	2	0.4102937	5	0.5121239	10	0.533906
1,1,2-Trichloroethane	0.4	0.2388705	0.5	0.2411268	1	0.2650263	2	0.2456501	5	0.2508271	10	0.2584713

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0373

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.2369176	0.5	0.2603771	1	0.2675945	2	0.2256741	5	0.2805816	10	0.2679815
Trichlorofluoromethane (Freon 1	0.4	0.4653096	0.5	0.5234778	1	0.5213587	2	0.4306738	5	0.5314143	10	0.5224116
1,2,3-Trichloropropane	0.4	0.2079971	0.5	0.2385602	1	0.2020287	2	0.1980956	5	0.2139893	10	0.1960782
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.2741527	0.5	0.2922328	1	0.2874411	2	0.2279484	5	0.2785785	10	0.255647
1,2,4-Trimethylbenzene	0.4	1.483147	0.5	1.457525	1	1.724468	2	1.60815	5	1.956374	10	2.016749
1,3,5-Trimethylbenzene	0.4	1.470576	0.5	1.403115	1	1.573947	2	1.448615	5	1.793804	10	1.83513
Vinyl Acetate	4	0.84779	5	0.856797	10	0.907858	20	0.900043	50	0.9458791	100	0.9203397
Vinyl Chloride	0.4	0.3996462	0.5	0.4841568	1	0.4562054	2	0.3874921	5	0.4715621	10	0.4493205
m+p Xylene	0.8	1.509398	1	1.593657	2	1.815932	4	1.558014	10	1.898226	20	1.943868
o-Xylene	0.4	1.541733	0.5	1.582762	1	1.71051	2	1.588454	5	1.941841	10	1.993069
1,2-Dichloroethane-d4	25	0.6821811	25	0.6803874	25	0.6761303	25	0.6817655	25	0.6766767	25	0.6697888
Toluene-d8	25	1.15874	25	1.162689	25	1.160648	25	1.17373	25	1.161222	25	1.154519
4-Bromofluorobenzene	25	0.8952976	25	0.8818982	25	0.89737	25	0.9118431	25	0.9210972	25	0.9221101

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0373

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2625874	50	0.2984455	100	0.2959402	200	0.3001231				
Ethyl Methacrylate	20	0.3211755	50	0.3556713	100	0.3463547	200	0.3381154				
Acetone	200	0.1316773	500	0.1303286	1000	0.1245281	2000	0.1202131				
Acrolein	200	2.615286E-02	500	2.732081E-02	1000	3.049969E-02	2000	3.719652E-02				
Acrylonitrile	20	0.1851665	50	0.1852535	100	0.1788838	200	0.1714034				
tert-Amyl Methyl Ether (TAME)	20	0.93096	50	1.002042	100	0.9991055	200	1.018184				
Benzene	20	1.714781	50	1.707969	100	1.65363	200	1.572926				
Bromobenzene	20	1.014664	50	1.013843	100	0.9529609	200	0.9074788				
Bromochloromethane	20	0.1978022	50	0.1924981	100	0.1823228	200	0.1743462				
Bromodichloromethane	20	0.3153942	50	~~0.3410568~~	100	~~0.3408294~~	200	~~0.3366585~~				
Bromoform	20	0.2566536	50	0.3220343	100	0.340948	200	0.3672281				
Bromomethane	20	0.1745351	50	0.2141839	100	0.2342755	200	~~0.1638786~~				
2-Butanone (MEK)	200	0.2744413	500	0.2827802	1000	0.2706356	2000	0.2626105				
tert-Butyl Alcohol (TBA)	200	2.890768E-02	500	2.939306E-02	1000	2.922766E-02	2000	0.0303476				
n-Butylbenzene	20	1.609409	50	1.602663	100	1.574261	200	1.48978				
sec-Butylbenzene	20	2.045172	50	2.082879	100	2.057512	200	1.990541				
tert-Butylbenzene	20	1.475809	50	1.493913	100	1.483953	200	1.459663				
tert-Butyl Ethyl Ether (TBEE)	20	1.446075	50	1.515405	100	1.507847	200	1.514709				
Carbon Disulfide	200	0.7321862	500	0.735085	1000	0.6789226	2000	~~0.4929503~~				
Carbon Tetrachloride	20	0.4251924	50	0.4638234	100	0.4834938	200	0.482249				
Chlorobenzene	20	1.458008	50	1.449337	100	1.371906	200	1.313957				
Chlorodibromomethane	20	0.2156768	50	~~0.2478971~~	100	~~0.255385~~	200	~~0.2595625~~				
Chloroethane	20	0.2275168	50	0.2196425	100	0.2145301	200	0.1962674				
2-Chloroethyl Vinyl Ether	200	0.2092207	500	0.205713	1000	0.1800148	2000	0.1542224				
Chloroform	20	0.7193773	50	0.7307594	100	0.7114095	200	0.7015769				
Chloromethane	20	0.5010227	50	0.5307456	100	0.5580277	200	0.5900808				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0373

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	1.679115	50	1.70781	100	1.596642	200	1.532158				
4-Chlorotoluene	20	1.964774	50	1.937847	100	1.782427	200	1.652308				
Cyclohexane	20	0.7174411	50	0.7227917	100	0.7036515	200	0.6780238				
1,2-Dibromo-3-chloropropane (D	20	7.979016E-02	50	9.219555E-02	100	~~0.1023006~~	200	~~0.1105783~~				
1,2-Dibromoethane (EDB)	20	0.2542339	50	0.2663428	100	0.2571889	200	0.248813				
Dibromomethane	20	0.1688809	50	0.1695524	100	0.1625604	200	0.1567554				
1,2-Dichlorobenzene	20	1.185291	50	1.184851	100	1.1567	200	1.136702				
1,3-Dichlorobenzene	20	1.205168	50	1.213547	100	1.18589	200	1.177716				
1,4-Dichlorobenzene	20	1.234027	50	1.228587	100	1.20667	200	1.195956				
trans-1,4-Dichloro-2-butene	20	0.2313441	50	0.2549113	100	0.2572197	200	0.262114				
Dichlorodifluoromethane (Freon	20	0.4504703	50	0.51297	100	0.4949306	200	0.4534173				
1,1-Dichloroethane	20	0.6111535	50	0.6192891	100	0.602266	200	0.5947464				
1,2-Dichloroethane	20	0.4250768	50	0.4280604	100	0.4037605	200	0.3856371				
1,1-Dichloroethylene	20	0.5311849	50	0.5294	100	0.5161111	200	0.4913425				
cis-1,2-Dichloroethylene	20	0.7712627	50	0.7875754	100	0.7564107	200	0.7282414				
trans-1,2-Dichloroethylene	20	0.4806389	50	0.4814375	100	0.4681474	200	0.4453591				
Dichlorofluoromethane (Freon 2	20	0.61836	50	0.6233543	100	0.6004784	200	0.576922				
1,2-Dichloropropane	20	0.2927426	50	0.2938116	100	0.2857474	200	0.269297				
1,3-Dichloropropane	20	0.4325561	50	0.4393909	100	0.4163259	200	0.3908345				
2,2-Dichloropropane	20	0.3920108	50	0.4334015	100	0.4476947	200	0.4585414				
1,1-Dichloropropene	20	0.5388065	50	0.5414432	100	0.5159237	200	0.4920014				
cis-1,3-Dichloropropene	20	0.3543784	50	0.3933909	100	0.3849608	200	0.3796179				
trans-1,3-Dichloropropene	20	0.2787065	50	0.3320887	100	0.3381152	200	0.3400304				
Diethyl Ether	20	0.3060778	50	0.3063483	100	0.2976515	200	0.2945969				
Difluorochloromethane (Freon 2	20	0.781333	50	0.8378519	100	0.8052711	200	0.7597862				
Diisopropyl Ether (DIPE)	20	1.452866	50	1.428728	100	1.35022	200	1.260897				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0373

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	1.759554E-03	500	1.782913E-03	1000	1.964842E-03	2000	2.048037E-03				
Ethyl Acetate	20	0.6509449	50	0.6439889	100	0.6269405	200	0.6302609				
Ethylbenzene	20	2.455933	50	2.466575	100	2.304909	200	2.157991				
Hexachlorobutadiene	20	0.2670242	50	0.2748203	100	0.2718325	200	0.2746497				
2-Hexanone (MBK)	200	0.2587483	500	0.2669627	1000	0.2434783	2000	0.2174018				
Iodomethane	200	0.4061919	500	0.4422353	1000	0.4097691	2000	0.3711796				
Isopropylbenzene (Cumene)	20	1.850546	50	1.911407	100	1.822523	200	1.728952				
p-Isopropyltoluene (p-Cymene)	20	1.639804	50	1.66495	100	1.688712	200	1.656643				
Methyl Acetate	20	0.8211308	50	0.8001377	100	0.7706801	200	0.7780885				
Methyl tert-Butyl Ether (MTBE)	20	0.9080919	50	0.9173869	100	0.886271	200	0.8682667				
Methyl Cyclohexane	20	0.3018838	50	0.3088303	100	0.298789	200	0.2795861				
Methylene Chloride	20	0.6197319	50	0.6001059	100	0.575518	200	0.5594541				
4-Methyl-2-pentanone (MIBK)	200	0.368483	500	0.3714791	1000	0.3330972	2000	0.2851094				
Naphthalene	20	1.315812	50	1.374166	100	1.396314	200	1.378191				
n-Propylbenzene	20	2.577111	50	2.605656	100	2.458387	200	2.318419				
Styrene	20	1.585706	50	1.599896	100	1.477603	200	1.378282				
1,1,1,2-Tetrachloroethane	20	0.4510269	50	0.4800175	100	0.4731989	200	0.4684639				
1,1,2,2-Tetrachloroethane	20	0.6614561	50	0.6686806	100	0.627021	200	0.6117959				
Tetrachloroethylene	20	0.1947515	50	0.1964247	100	0.1906315	200	0.185103				
Tetrahydrofuran	20	0.176773	50	0.1798427	100	0.1844263	200	0.1847629				
Toluene	20	1.133644	50	1.13601	100	1.072158	200	0.9980998				
1,2,3-Trichlorobenzene	20	0.4818702	50	0.4863109	100	0.4888358	200	0.4876054				
1,2,4-Trichlorobenzene	20	0.6126786	50	0.6379137	100	0.6441814	200	0.6410372				
1,3,5-Trichlorobenzene	20	0.7218999	50	0.7414364	100	0.750152	200	0.7383385				
1,1,1-Trichloroethane	20	0.5342368	50	0.577294	100	0.5938339	200	0.5940047				
1,1,2-Trichloroethane	20	0.2545743	50	0.2531562	100	0.2381496	200	0.2273803				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0373

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.2660582	50	0.2655872	100	0.2540171	200	0.2403026				
Trichlorofluoromethane (Freon 1	20	0.4952724	50	0.5058649	100	0.4920845	200	0.4729266				
1,2,3-Trichloropropane	20	0.1969118	50	0.1924579	100	0.1844501	200	0.1773852				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2618173	50	0.2565806	100	0.2456918	200	0.233132				
1,2,4-Trimethylbenzene	20	2.042389	50	2.023024	100	1.974542	200	1.903207				
1,3,5-Trimethylbenzene	20	1.845259	50	1.82539	100	1.691396	200	1.582616				
Vinyl Acetate	200	0.9053903	500	0.9193748	1000	0.8567755	2000	~~0.6690714~~				
Vinyl Chloride	20	0.4416616	50	0.4549272	100	0.4372358	200	0.4140285				
m+p Xylene	40	1.924166	100	1.887694	200	1.731908	400	1.5749				
o-Xylene	20	2.00679	50	2.033107	100	1.879066	200	1.757182				
1,2-Dichloroethane-d4	25	0.6602854	25	0.6507376	25	0.6652627	25	0.6754365				
Toluene-d8	25	1.153196	25	1.151335	25	1.157492	25	1.15095				
4-Bromofluorobenzene	25	0.9303739	25	0.9313767	25	0.9350694	25	0.9513614				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2499176	15.00308			15	*
Ethyl Methacrylate	0.3142327	10.29752			15	
Acetone	0.1452923	12.69528			15	
Acrolein	3.149738E-02	14.82532			15	
Acrylonitrile	0.201569	12.7686			15	
tert-Amyl Methyl Ether (TAME)	0.9133338	8.476879			15	
Benzene	1.669467	4.417185			15	
Bromobenzene	0.9777632	4.845872			15	
Bromochloromethane	0.1923549	7.915903			15	
Bromodichloromethane	0.25899	13.77315			15	
Bromoform	0.2281527	39.84363	0.9981565		0.995	
Bromomethane	0.2216584	13.25523			15	
2-Butanone (MEK)	0.2809751	3.919632			15	
tert-Butyl Alcohol (TBA)	3.239931E-02	8.722839			15	
n-Butylbenzene	1.425837	13.98719			15	
sec-Butylbenzene	1.849629	12.42019			15	
tert-Butylbenzene	1.345063	11.21702			15	
tert-Butyl Ethyl Ether (TBEE)	1.426552	5.224191			15	
Carbon Disulfide	0.6515737	14.89168			15	
Carbon Tetrachloride	0.4450766	8.10866			15	
Chlorobenzene	1.403769	5.345667			15	
Chlorodibromomethane	0.1801905	15.02328			15	*
Chloroethane	0.2296499	8.571683			15	
2-Chloroethyl Vinyl Ether	0.19476	11.28627			15	
Chloroform	0.7187301	3.883521			15	
Chloromethane	0.5815776	13.65718			15	
2-Chlorotoluene	1.586037	8.197326			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	1.795125	9.454451			15	
Cyclohexane	0.7423706	8.683415			15	
1,2-Dibromo-3-chloropropane (DBCP)	7.444275E-02	13.71408			15	
1,2-Dibromoethane (EDB)	0.2443295	8.359253			15	
Dibromomethane	0.1621583	4.409711			15	
1,2-Dichlorobenzene	1.159424	3.6673			15	
1,3-Dichlorobenzene	1.168051	5.279809			15	
1,4-Dichlorobenzene	1.237775	4.916749			15	
trans-1,4-Dichloro-2-butene	0.2252608	11.18551			15	
Dichlorodifluoromethane (Freon 12)	0.48164	7.008602			15	
1,1-Dichloroethane	0.6201722	4.321779			15	
1,2-Dichloroethane	0.4234997	5.47449			15	
1,1-Dichloroethylene	0.5264971	6.11696			15	
cis-1,2-Dichloroethylene	0.7658819	5.044296			15	
trans-1,2-Dichloroethylene	0.4848706	5.697738			15	
Dichlorofluoromethane (Freon 21)	0.6115947	4.80457			15	
1,2-Dichloropropane	0.2864455	6.328546			15	
1,3-Dichloropropane	0.4319773	6.426007			15	
2,2-Dichloropropane	0.3787333	15.0347			15	*
1,1-Dichloropropene	0.5237433	5.02479			15	
cis-1,3-Dichloropropene	0.3100981	22.25012	0.9997853		0.995	
trans-1,3-Dichloropropene	0.2432209	30.89112	0.9997096		0.995	
Diethyl Ether	0.3137275	8.387252			15	
Difluorochloromethane (Freon 22)	0.8224978	5.644703			15	
Diisopropyl Ether (DIPE)	1.469231	7.404362			15	
1,4-Dioxane	1.928818E-03	6.701222			15	
Ethyl Acetate	0.6858275	8.319947			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	2.286557	7.541548			15	
Hexachlorobutadiene	0.2687136	9.10668			15	
2-Hexanone (MBK)	0.2441964	11.09344			15	
Iodomethane	0.3853789	18.65452	0.9963051		0.995	
Isopropylbenzene (Cumene)	1.671789	12.48444			15	
p-Isopropyltoluene (p-Cymene)	1.554926	9.112315			15	
Methyl Acetate	0.8800459	11.28473			15	
Methyl tert-Butyl Ether (MTBE)	0.9371012	5.689543			15	
Methyl Cyclohexane	0.2832486	8.855729			15	
Methylene Chloride	0.6234838	9.688688			15	
4-Methyl-2-pentanone (MIBK)	0.3525659	11.02284			15	
Naphthalene	1.321474	10.68206			15	
n-Propylbenzene	2.381649	9.239553			15	
Styrene	1.399753	13.73552			15	
1,1,1,2-Tetrachloroethane	0.424554	12.94719			15	
1,1,2,2-Tetrachloroethane	0.6611161	3.984584			15	
Tetrachloroethylene	0.1903287	8.545493			15	
Tetrahydrofuran	0.1941693	14.46523			15	
Toluene	1.087647	7.234812			15	
1,2,3-Trichlorobenzene	0.5108128	8.631423			15	
1,2,4-Trichlorobenzene	0.6346014	12.61047			15	
1,3,5-Trichlorobenzene	0.6991139	6.456237			15	
1,1,1-Trichloroethane	0.5084648	13.82793			15	
1,1,2-Trichloroethane	0.2473233	4.532725			15	
Trichloroethylene	0.2565092	6.659259			15	
Trichlorofluoromethane (Freon 11)	0.4960794	6.446629			15	
1,2,3-Trichloropropane	0.2007954	8.436964			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2613222	8.372019			15	
1,2,4-Trimethylbenzene	1.818957	12.6651			15	
1,3,5-Trimethylbenzene	1.646985	10.50653			15	
Vinyl Acetate	0.8955831	3.800918			15	
Vinyl Chloride	0.4396236	7.026292			15	
m+p Xylene	1.743776	9.802917			15	
o-Xylene	1.803451	10.60349			15	
1,2-Dichloroethane-d4	0.6718652	1.536864			15	
Toluene-d8	1.158452	0.5860354			15	
4-Bromofluorobenzene	0.9177798	2.309819			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S000873	Instrument:	GCMSVOA2
Calibration:	1100023		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1107153	0.4ppb 8260 Calibration Standard	S000873-CAL1	Copy of VB168009.D	06/17/11 10:00
1107154	0.5ppb 8260 Calibration Standard	S000873-CAL2	Copy of VB168010.D	06/17/11 10:32
1107155	1ppb 8260 Calibration Standard	S000873-CAL3	Copy of VB168011.D	06/17/11 11:04
1107156	2ppb 8260 Calibration Standard	S000873-CAL4	Copy of VB168012.D	06/17/11 11:36
1107157	5ppb 8260 Calibration Standard	S000873-CAL5	Copy of VB168013.D	06/17/11 12:08
1107158	10ppb 8260 Calibration Standard	S000873-CAL6	Copy of VB168014.D	06/17/11 12:39
1107159	20ppb 8260 Calibration Standard	S000873-CAL7	Copy of VB168015.D	06/17/11 13:11
1107160	50ppb 8260 Calibration Standard	S000873-CAL8	Copy of VB168016.D	06/17/11 13:42
1107161	100ppb 8260 Calibration Standard	S000873-CAL9	Copy of VB168017.D	06/17/11 14:14
1107186	200ppb 8260 Calibration Standard	S000873-CALA	Copy of VB168018.D	06/17/11 14:45

Response Factor Report GCMSVOA2

Method Path : W:\1\METHODS\
Method File : B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Mon Jun 20 12:36:24 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VB168009.D 0.5 =VB168010.D 1.0 =VB168011.D 2.0 =VB168012.D 5.0 =VB168013.D 10 =VB168014.D 20 =VB168018.D
50 =VB168016.D 100 =VB168017.D 200 =VB168018.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)	I	PENTAFLUOROBENZENE...	ISTD											
2)	S	1,2-DICHLOROET...	0.682	0.680	0.676	0.682	0.677	0.670	0.660	0.651	0.665	0.675	0.672	1.54
3)	T	DICHLORODIFLOU...	0.443	0.507	0.517	0.428	0.506	0.503	0.450	0.513	0.495	0.453	0.482	7.01
4)		DIFLUOROCHLORO...	0.842	0.893	0.842	0.752	0.869	0.843	0.781	0.838	0.805	0.760	0.822	5.64
5)	P	CHLOROMETHANE	0.729	0.712	0.598	0.520	0.554	0.523	0.501	0.531	0.558	0.590	0.582	13.66
6)	C	VINYL CHLORIDE	0.400	0.484	0.456	0.387	0.472	0.449	0.442	0.455	0.437	0.414	0.440	7.03#
7)	T	BROMOMETHANE				0.259	0.239	0.209	0.175	0.214	0.234		0.222	13.26
8)	T	CHLOROETHANE			0.257	0.242	0.249	0.231	0.228	0.220	0.215	0.196	0.230	8.57
9)		FLUORODICHLORO...	0.574	0.650	0.626	0.570	0.638	0.638	0.618	0.623	0.600	0.577	0.612	4.80
10)	T	TRICHLOROFLUOR...	0.465	0.523	0.521	0.431	0.531	0.522	0.495	0.506	0.492	0.473	0.496	6.45
11)	T	DI ETHYL ETHER	0.321	0.383	0.318	0.291	0.313	0.306	0.306	0.306	0.298	0.295	0.314	8.39
12)		ACROLEIN				0.037	0.034	0.028	0.026	0.027	0.030	0.037	0.031#	14.83
13)	T	ACETONE	0.170	0.171	0.157	0.157	0.150	0.141	0.132	0.130	0.125	0.120	0.145	12.70
14)	C	1,1-DICHLOROET...	0.513	0.573	0.538	0.465	0.563	0.544	0.531	0.529	0.516	0.491	0.526	6.12#
15)		1,1,2-TRICL-1,...	0.274	0.292	0.287	0.228	0.279	0.256	0.262	0.257	0.246	0.233	0.261	8.37
16)		IODOMETHANE	0.471	0.478	0.324	0.246	0.333	0.372	0.406	0.442	0.410	0.371	0.385	18.65
17)		METHYL ACETATE	1.061	1.014	0.876	0.936	0.910	0.838	0.821	0.800	0.771	0.778	0.881	11.27
18)		T-BUTYL ALCOHOL	0.037	0.034	0.035	0.035	0.034	0.032	0.029	0.029	0.029	0.030	0.032#	8.72
19)		ACRYLONITRILE		0.244	0.239	0.198	0.215	0.198	0.185	0.185	0.179	0.171	0.202	12.77
20)	T	METHYLENE CHLO...					0.721	0.665	0.620	0.600	0.576	0.559	0.623	9.69
21)		CARBON DISULFIDE	0.495	0.581	0.614	0.539	0.741	0.748	0.732	0.735	0.679		0.652	14.89
22)	T	METHYL TERT-BU...	0.901	1.039	1.004	0.966	0.945	0.936	0.908	0.917	0.886	0.868	0.937	5.69
23)	T	TRANS 1,2-DICH...	0.526	0.507	0.487	0.442	0.512	0.500	0.481	0.481	0.468	0.445	0.485	5.70
24)	P	1,1-DICHLOROET...	0.602	0.657	0.660	0.583	0.647	0.624	0.611	0.619	0.602	0.595	0.620	4.32
25)		VINYL ACETATE	0.848	0.857	0.908	0.900	0.946	0.920	0.905	0.919	0.857		0.896	3.80
26)		DI ISOPROPYL E...	1.546	1.615	1.579	1.429	1.546	1.485	1.453	1.429	1.350	1.261	1.469	7.40
27)	T	2-BUTANONE	0.289	0.278	0.274	0.289	0.300	0.289	0.274	0.283	0.271	0.263	0.281	3.92
28)		T-BUTYL ETHYL ...	1.307	1.355	1.399	1.345	1.425	1.450	1.446	1.515	1.508	1.515	1.427	5.22
29)	T	CIS-1,2-DICHLO...	0.754	0.798	0.801	0.679	0.794	0.790	0.771	0.788	0.756	0.728	0.766	5.04
30)		2,2-DICHLOROPR...	0.297	0.328	0.340	0.315	0.385	0.390	0.392	0.433	0.448	0.459	0.379	15.03
31)		ETHYL ACETATE			0.749	0.759	0.747	0.679	0.651	0.644	0.627	0.630	0.686	8.32
32)		BROMOCHLOROMET...	0.163	0.194	0.214	0.197	0.205	0.203	0.198	0.192	0.182	0.174	0.192	7.92
33)	T	TETRAHYDROFURAN	0.255	0.223	0.215	0.161	0.181	0.180	0.177	0.180	0.184	0.185	0.194	14.47
34)	C	CHLOROFORM	0.684	0.747	0.729	0.667	0.748	0.749	0.719	0.731	0.711	0.702	0.719	3.88#
35)	T	1,1,1-TRICHLOR...	0.416	0.445	0.467	0.410	0.512	0.534	0.534	0.577	0.594	0.594	0.508	13.83
36)		CYCLOHEXANE					0.856	0.776	0.717	0.723	0.704	0.678	0.742	8.68
37)	T	CARBON TETRACH...					0.400	0.416	0.425	0.464	0.483	0.482	0.445	8.11
38)		1,1-DICHLOROPR...	0.562	0.515	0.523	0.472	0.539	0.538	0.539	0.541	0.516	0.492	0.524	5.02
39)	T	BENZENE	1.626	1.637	1.706	1.553	1.781	1.743	1.715	1.708	1.654	1.573	1.669	4.42
40)		T-AMYLMETHYL E...	0.801	0.831	0.863	0.841	0.917	0.930	0.931	1.002	0.999	1.018	0.913	8.48
41)	I	1,4-DIFLOUROBENZEN...	ISTD											
42)	S	TOLUENE-D8 SS	1.159	1.163	1.161	1.174	1.161	1.155	1.153	1.151	1.157	1.151	1.158	0.59

Method Path : W:\1\METHODS\
Method File : B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973

43)	T	1,2-DICHLOROET...	0.394	0.452	0.424	0.426	0.453	0.444	0.425	0.428	0.404	0.386	0.423	5.47
44)	T	TRICHLOROETHENE	0.237	0.260	0.268	0.226	0.281	0.268	0.266	0.266	0.254	0.240	0.257	6.66
45)		METHYLCYCLOHEXANE	0.257	0.268	0.276	0.233	0.305	0.304	0.302	0.309	0.299	0.280	0.283	8.86
46)	C	1,2-DICHLOROPR...	0.262	0.273	0.315	0.266	0.302	0.305	0.293	0.294	0.286	0.269	0.286	6.33#
47)	T	DIBROMOMETHANE	0.155	0.148	0.163	0.165	0.161	0.170	0.169	0.170	0.163	0.157	0.162	4.41
48)		1,4-DIOXANE				0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	6.70
49)	T	BROMODICHLOROM...	0.221	0.234	0.247	0.230	0.273	0.293	0.315				0.259	13.77
50)		2-CHLOROETHYLV...	0.172	0.182	0.198	0.203	0.221	0.222	0.209	0.206	0.180	0.154	0.195	11.29
51)	T	MIBK	0.310	0.320	0.359	0.386	0.404	0.389	0.368	0.371	0.333	0.285	0.353	11.02
52)	T	CIS-1,3-DICHLO...	0.196	0.252	0.263	0.249	0.291	0.338	0.354	0.393	0.385	0.380	0.310	22.25
53)	C	TOLUENE	0.981	1.120	1.146	0.962	1.170	1.157	1.134	1.136	1.072	0.998	1.088	7.23#
54)	T	TRANS-1,3,-DIC...	0.160	0.174	0.183	0.158	0.219	0.249	0.279	0.332	0.338	0.340	0.243	30.89
55)		ETHYL METHACRY...			0.285	0.261	0.298	0.309	0.321	0.356	0.346	0.338	0.314	10.30
56)	T	1,1,2-TRICHLOR...	0.239	0.241	0.265	0.246	0.251	0.258	0.255	0.253	0.238	0.227	0.247	4.53
57)		2-HEXANONE	0.198	0.212	0.241	0.259	0.277	0.269	0.259	0.267	0.243	0.217	0.244	11.09
58)	T	TETRACHLOROETHENE	0.190	0.150	0.210	0.183	0.200	0.203	0.195	0.196	0.191	0.185	0.190	8.55
59)		1,3-DICHLOROPR...	0.387	0.477	0.457	0.432	0.441	0.446	0.433	0.439	0.416	0.391	0.432	6.43
60)	T	DIBROMOCHLOROM...			0.158	0.150	0.181	0.197	0.216				0.180	15.02
61)	T	1,2-DIBROMOETHANE	0.192	0.240	0.238	0.239	0.251	0.255	0.254	0.266	0.257	0.249	0.244	8.36
62)	I	CHLOROBENZENE-D5 ISTD	----------	----------	ISTD	----------	----------							
63)	S	4-BROMOFLUROBE...	0.895	0.882	0.897	0.912	0.921	0.922	0.930	0.931	0.935	0.951	0.918	2.31
64)	P	CHLOROBENZENE	1.339	1.422	1.498	1.273	1.441	1.473	1.458	1.449	1.372	1.314	1.404	5.35
65)	T	1,1,1,2-TETRAC...			0.354	0.337	0.403	0.429	0.451	0.480	0.473	0.468	0.425	12.95
66)	C	ETHYLBENZENE	2.058	2.192	2.306	2.018	2.434	2.472	2.456	2.467	2.305	2.158	2.287	7.54#
67)	T	M/P-XYLENES	1.509	1.594	1.816	1.558	1.898	1.944	1.924	1.888	1.732	1.575	1.744	9.80
68)	T	0-XYLENE	1.542	1.583	1.711	1.588	1.942	1.993	2.007	2.033	1.879	1.757	1.803	10.60
69)	T	STYRENE	1.086	1.158	1.329	1.239	1.521	1.622	1.586	1.600	1.478	1.378	1.400	13.74
70)	P	BROMOFORM	0.113	0.153	0.158	0.143	0.209	0.227	0.257	0.322	0.341	0.367	0.229	39.33
71)	T	ISOPROPYLBENZENE	1.312	1.518	1.617	1.372	1.761	1.824	1.851	1.911	1.823	1.729	1.672	12.48
72)		CIS-1,4-DICHLO...	0.210	0.211	0.221	0.212	0.238	0.250	0.263	0.298	0.296	0.300	0.250	15.00
73)	P	1,1,2,2-TETRAC...	0.643	0.660	0.681	0.685	0.690	0.683	0.661	0.669	0.627	0.612	0.661	3.98
74)		1,4-DICHLORO-2...	0.193	0.216	0.198	0.205	0.216	0.219	0.231	0.255	0.257	0.262	0.225	11.19
75)		BROMOBENZENE	0.927	0.985	1.025	0.917	1.032	1.002	1.015	1.014	0.953	0.907	0.978	4.85
76)	T	1,2,3-TRICHLOR...	0.208	0.239	0.202	0.198	0.214	0.196	0.197	0.192	0.184	0.177	0.201	8.44
77)	T	N-PROPYLBENZENE	2.054	2.121	2.451	2.089	2.575	2.567	2.577	2.606	2.458	2.318	2.382	9.24
78)	T	2-CHLOROT0LUENE	1.504	1.334	1.665	1.437	1.704	1.700	1.679	1.708	1.597	1.532	1.586	8.20
79)	T	1,3,5-TRIMETHY...	1.471	1.403	1.574	1.449	1.794	1.835	1.845	1.825	1.691	1.583	1.647	10.51
80)		4-CHLOROTOLUENE	1.478	1.678	1.840	1.685	1.932	2.001	1.965	1.938	1.782	1.652	1.795	9.45
81)	I	1,4-DICHLOROBENZEN...	----------	----------	ISTD	----------	----------							
82)	T	TERT-BUTYLBENZENE	1.264	1.105	1.305	1.095	1.353	1.415	1.476	1.494	1.484	1.460	1.345	11.22
83)	T	1,2,4-TRIMETHY...	1.483	1.458	1.724	1.608	1.956	2.017	2.042	2.023	1.975	1.903	1.819	12.67
84)		SEC-BUTYLBENZENE	1.531	1.601	1.740	1.513	1.929	2.006	2.045	2.083	2.058	1.991	1.850	12.42
85)	T	1,3-DICHLOROBE...	1.121	1.060	1.232	1.072	1.222	1.190	1.205	1.214	1.186	1.178	1.168	5.28
86)	T	P-ISOPROPYLTOL...	1.453	1.349	1.549	1.292	1.613	1.643	1.640	1.665	1.689	1.657	1.555	9.11
87)	T	1,4-DICHLOROBE...	1.340	1.269	1.310	1.120	1.238	1.236	1.234	1.229	1.207	1.196	1.238	4.92
88)	T	N-BUTYLBENZENE	1.151	1.134	1.407	1.167	1.530	1.593	1.609	1.603	1.574	1.490	1.426	13.99
89)	T	1,2-DICHLOROBE...	1.088	1.204	1.201	1.090	1.161	1.187	1.185	1.185	1.157	1.137	1.159	3.67
90)		1,2-DIBROMO-3-...			0.065	0.067	0.070	0.073	0.080	0.092			0.074	13.71
91)		1,3,5-TRICHLOR...	0.653	0.666	0.664	0.619	0.722	0.717	0.722	0.741	0.750	0.738	0.699	6.46
92)	T	1,2,4-TRICHLOR...	0.840	0.625	0.629	0.530	0.597	0.589	0.613	0.638	0.644	0.641	0.635	12.61
93)	T	HEXACHLOROBUTA...			0.310	0.220	0.260	0.272	0.267	0.275	0.272	0.275	0.269	9.11

Method Path : W:\1\METHODS\
Method File : B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973

94)	T	NAPHTHALENE	1.648	1.212	1.174	1.182	1.233	1.301	1.316	1.374	1.396	1.378	1.321	10.68
95)		1,2,3-TRICHLOR...		0.618	0.535	0.521	0.496	0.483	0.482	0.486	0.489	0.488	0.511	8.63

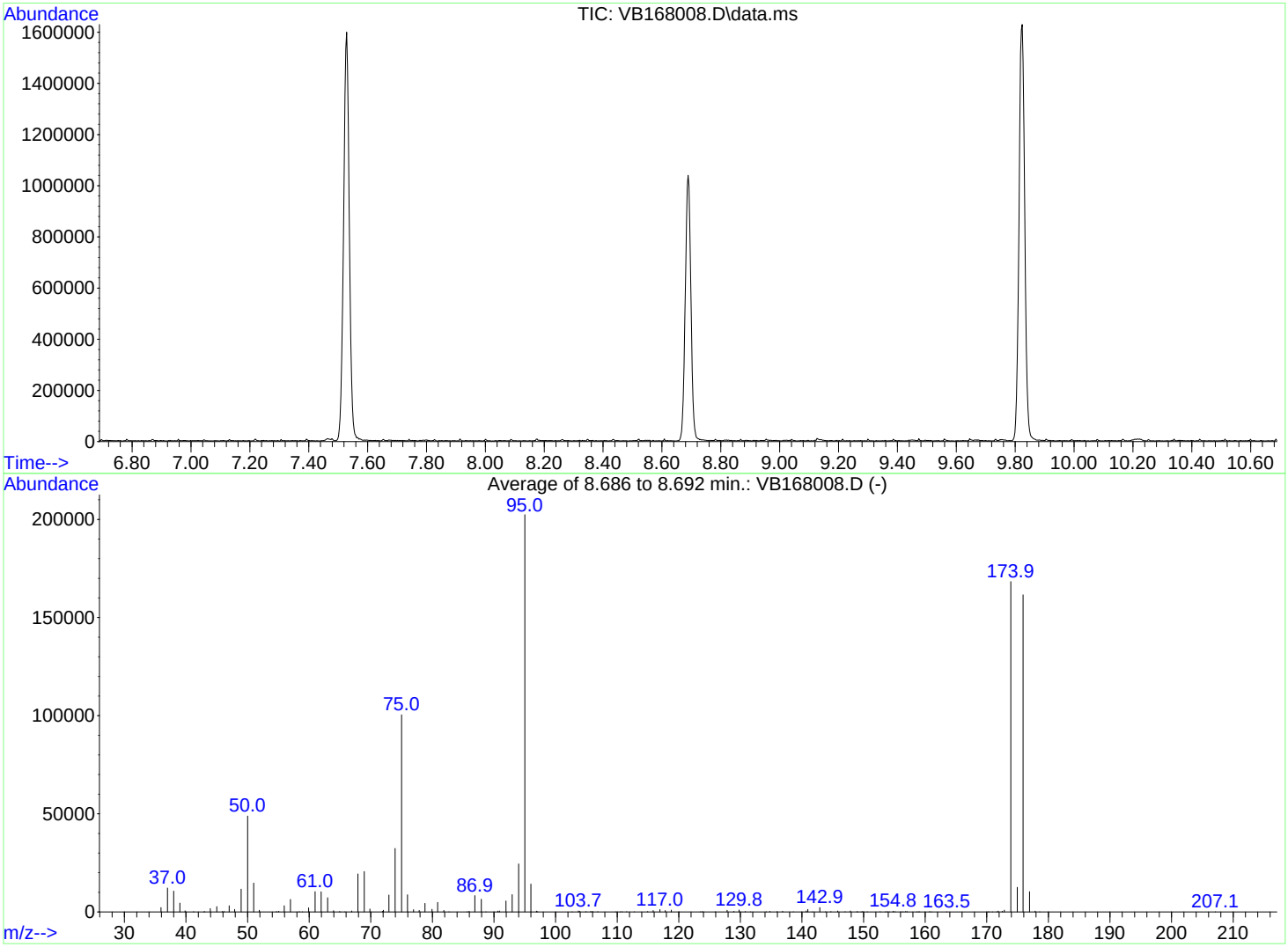
(#) = Out of Range

BFB

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168008.D
Acq On : 17 Jun 2011 9:29 am
Operator : LBD/MFF
Sample : BFB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\1\METHODS\B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Mon Jun 20 12:36:24 2011



Spectrum Information: Average of 8.686 to 8.692 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	48856	PASS
75	95	30	60	49.6	100464	PASS
95	95	100	100	100.0	202410	PASS
96	95	5	9	7.0	14216	PASS
173	174	0.00	2	0.6	962	PASS
174	95	50	100	83.2	168362	PASS
175	174	5	9	7.5	12556	PASS
176	174	95	101	96.0	161557	PASS
177	176	5	9	6.4	10349	PASS

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168009.D
Acq On : 17 Jun 2011 10:00 am
Operator : LBD/MFF
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 20 12:10:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	450023	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	729684	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	369957	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	334660	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	255831	25.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%				
42) TOLUENE-D8 SS	6.129	98	704595	24.99	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	276018	23.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	2661	0.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.048	51	5050	0.44	UG/L	#	89
5) CHLOROMETHANE	1.135	50	4376	0.35	UG/L		92
6) VINYL CHLORIDE	1.193	62	2398	0.36	UG/L	#	59
7) BROMOMETHANE	1.374	94	2955	0.96	UG/L		93
9) FLUORODICHLOROMETHANE	1.536	67	3445	0.39	UG/L	#	82
10) TRICHLOROFLUOROMETHANE	1.572	101	2792	0.43	UG/L		95
11) DI ETHYL ETHER	1.742	59	1924	0.40	UG/L	#	60
12) ACROLEIN	1.829	56	2609	3.89	UG/L	#	66
13) ACETONE	1.929	43	10223	5.11	UG/L	#	74
14) 1,1-DICHLOROETHENE	1.893	61	3076	0.40	UG/L		90
15) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	1645	0.48	UG/L		93
16) IODOMETHANE	1.999	142	28242	4.46	UG/L	#	83
17) METHYL ACETATE	2.158	43	6365	0.45	UG/L	#	69
18) T-BUTYL ALCOHOL	2.336	59	2206m	3.46	UG/L		
19) ACRYLONITRILE	2.428	53	1597m	0.54	UG/L		
20) METHYLENE CHLORIDE	2.230	49	11734	1.24	UG/L	#	70
21) CARBON DISULFIDE	2.044	76	29697	2.63	UG/L	#	82
22) METHYL TERT-BUTYL ETHE...	2.459	73	5407	0.35	UG/L	#	70
23) TRANS 1,2-DICHLOROETHENE	2.451	61	3155	0.44	UG/L	#	77
24) 1,1-DICHLOROETHANE	2.822	63	3612	0.35	UG/L	#	88
25) VINYL ACETATE	2.889	43	50870	4.34	UG/L	#	77
26) DI ISOPROPYL ETHER	2.900	45	9277	0.38	UG/L	#	57
27) 2-BUTANONE	3.452	43	17361	4.26	UG/L	#	84
28) T-BUTYL ETHYL ETHER	3.282	59	7842	0.30	UG/L	#	82
29) CIS-1,2-DICHLOROETHENE	3.413	61	4522	0.39	UG/L	#	67
30) 2,2-DICHLOROPROPANE	3.404	77	1783	0.23	UG/L	#	46
31) ETHYL ACETATE	3.522	43	7451	0.72	UG/L	#	75
32) BROMOCHLOROMETHANE	3.647	128	978m	0.30	UG/L		
33) TETRAHYDROFURAN	3.717	42	1530m	0.51	UG/L		
34) CHLOROFORM	3.745	83	4105	0.36	UG/L		92
35) 1,1,1-TRICHLOROETHANE	3.915	97	2497	0.27	UG/L	#	69
36) CYCLOHEXANE	3.962	56	14572	1.36	UG/L	#	54
37) CARBON TETRACHLORIDE	4.071	117	1906	0.28	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	3371m	0.41	UG/L		
39) BENZENE	4.288	78	9754	0.36	UG/L		99
40) T-AMYLMETHYL ETHER	4.425	73	4807	0.26	UG/L	#	71
43) 1,2-DICHLOROETHANE	4.308	62	3830	0.40	UG/L	#	79
44) TRICHLOROETHENE	4.930	95	2305	0.36	UG/L		96
45) METHYLCYCLOHEXANE	5.106	83	2498	0.35	UG/L	#	79
46) 1,2-DICHLOROPROPANE	5.156	63	2551	0.35	UG/L	#	63
47) DIBROMOMETHANE	5.264	93	1510	0.37	UG/L	#	78
49) BROMODICHLOROMETHANE	5.435	83	2148	0.27	UG/L	#	53

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168009.D
Acq On : 17 Jun 2011 10:00 am
Operator : LBD/MFF
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 20 12:10:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

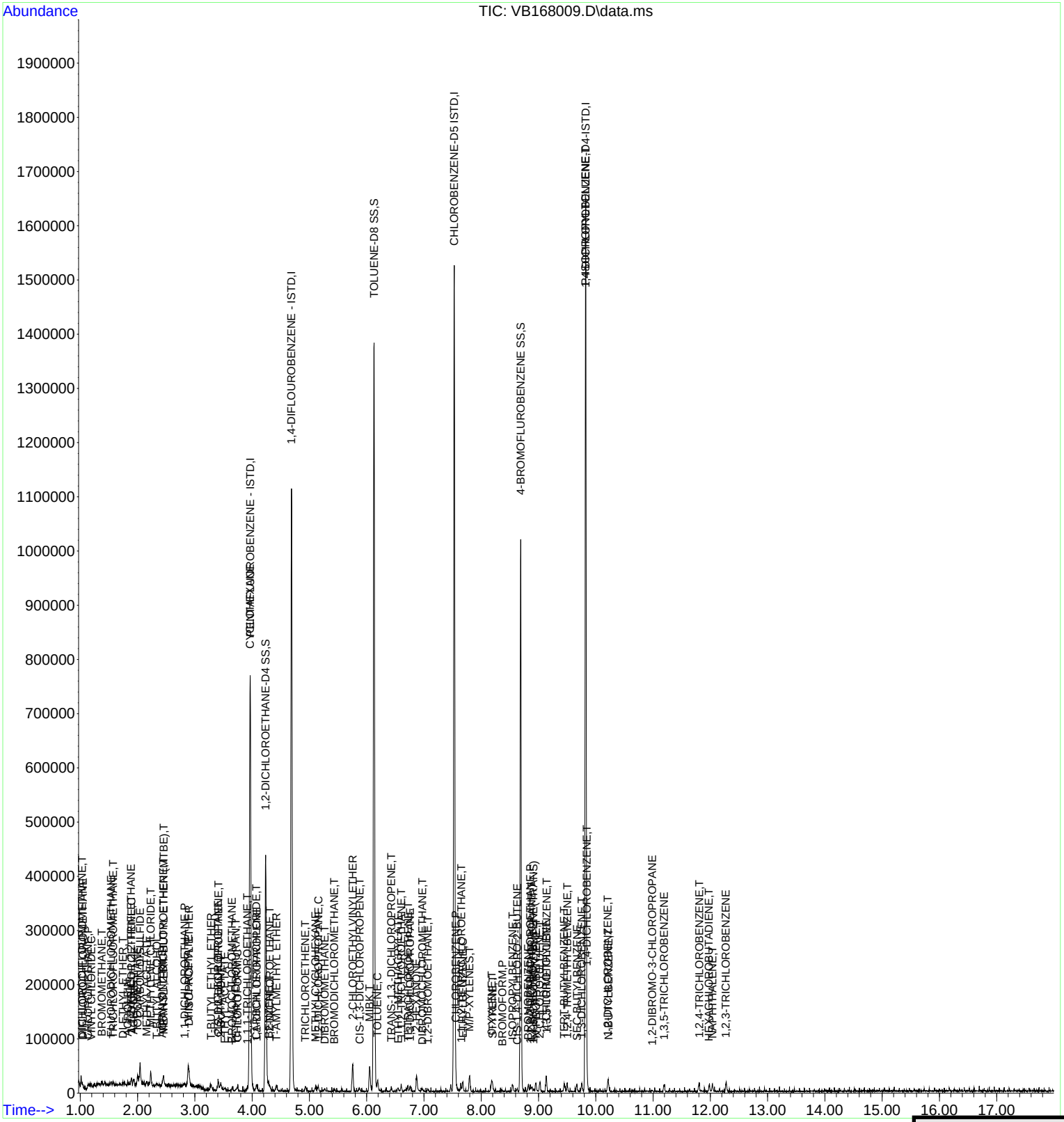
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) 2-CHLOROETHYLVINYLETHER	5.758	63	16748	3.41 UG/L #	47
51) MIBK	6.051	43	30135	3.71 UG/L #	68
52) CIS-1,3-DICHLOROPROPENE	5.878	75	1908	0.20 UG/L #	12
53) TOLUENE	6.188	91	9549	0.35 UG/L	97
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	1556	0.19 UG/L #	41
55) ETHYL METHACRYLATE	6.550	41	2482	0.34 UG/L #	46
56) 1,1,2-TRICHLOROETHANE	6.603	97	2324	0.39 UG/L	89
57) 2-HEXANONE	6.868	43	19252	3.35 UG/L #	68
58) TETRACHLOROETHENE	6.723	164	1848	0.40 UG/L #	82
59) 1,3-DICHLOROPROPANE	6.756	76	3770	0.36 UG/L #	52
60) DIBROMOCHLOROMETHANE	6.974	129	1363	0.24 UG/L #	81
61) 1,2-DIBROMOETHANE	7.066	107	1868	0.30 UG/L #	90
64) CHLOROBENZENE	7.557	112	6603	0.39 UG/L #	52
65) 1,1,1,2-TETRACHLOROETHANE	7.654	131	1447	0.27 UG/L	93
66) ETHYLBENZENE	7.679	91	10151	0.35 UG/L #	73
67) M/P-XYLENES	7.794	91	14891	0.68 UG/L	91
68) 0-XYLENE	8.181	91	7605	0.32 UG/L	96
69) STYRENE	8.198	104	5359	0.29 UG/L #	82
70) BROMOFORM	8.371	173	559m	1.24 UG/L	
71) ISOPROPYLBENZENE	8.547	105	6473	0.30 UG/L	98
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	1037	0.33 UG/L #	26
73) 1,1,2,2-TETRACHLOROETHANE	8.853	83	3174	0.39 UG/L #	84
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	950m	0.35 UG/L	
75) BROMOBENZENE	8.820	77	4575	0.37 UG/L #	88
76) 1,2,3-TRICHLOROPROPANE	8.881	110	1026	0.45 UG/L	96
77) N-PROPYLBENZENE	8.957	91	10130	0.35 UG/L	100
78) 2-CHLOROT0LUENE	9.024	91	7417	0.38 UG/L	93
79) 1,3,5-TRIMETHYLBENZENE	9.141	105	7254	0.35 UG/L	86
80) 4-CHLOROTOLUENE	9.135	91	7292	0.32 UG/L	97
82) TERT-BUTYLBENZENE	9.447	119	5640	0.34 UG/L	96
83) 1,2,4-TRIMETHYLBENZENE	9.503	105	6618	0.29 UG/L	99
84) SEC-BUTYLBENZENE	9.673	105	6830	0.30 UG/L	97
85) 1,3-DICHLOROBENZENE	9.754	146	5003	0.39 UG/L	98
86) P-ISOPROPYLTOLUENE	9.818	119	6483	0.36 UG/L #	77
87) 1,4-DICHLOROBENZENE	9.843	146	5978	0.45 UG/L #	75
88) N-BUTYLBENZENE	10.225	91	5136	0.29 UG/L	93
89) 1,2-DICHLOROBENZENE	10.209	146	4854	0.38 UG/L	94
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	313m	0.26 UG/L	
91) 1,3,5-TRICHLOROBENZENE	11.190	180	2912	0.40 UG/L	89
92) 1,2,4-TRICHLOROBENZENE	11.809	180	3750	0.56 UG/L	88
93) HEXACHLOROBUTADIENE	11.977	225	1750m	0.72 UG/L	
94) NAPHTHALENE	12.038	128	7352	0.42 UG/L #	90
95) 1,2,3-TRICHLOROBENZENE	12.272	180	4136	0.78 UG/L #	91

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168009.D
Acq On : 17 Jun 2011 10:00 am
Operator : LBD/MFF
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 20 12:10:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168010.D
Acq On : 17 Jun 2011 10:32 am
Operator : LBD/MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 20 12:12:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	448615	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	723105	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	371730	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	342869	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	254360	25.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%				
42) TOLUENE-D8 SS	6.126	98	700622	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	273190	22.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.60%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	3793	0.65	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.043	51	6676	0.58	UG/L		94
5) CHLOROMETHANE	1.140	50	5322	0.43	UG/L		93
6) VINYL CHLORIDE	1.190	62	3620	0.54	UG/L	#	82
7) BROMOMETHANE	1.372	94	4243	1.38	UG/L	#	69
9) FLUORODICHLOROMETHANE	1.533	67	4863	0.56	UG/L	#	65
10) TRICHLOROFLUOROMETHANE	1.575	101	3914	0.60	UG/L		95
11) DI ETHYL ETHER	1.748	59	2866	0.60	UG/L	#	69
12) ACROLEIN	1.829	56	3704	5.54	UG/L	#	97
13) ACETONE	1.929	43	12751	6.39	UG/L	#	78
14) 1,1-DICHLOROETHENE	1.890	61	4284	0.56	UG/L		92
15) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	2185	0.63	UG/L		96
16) IODOMETHANE	1.999	142	35765m	5.67	UG/L		
17) METHYL ACETATE	2.158	43	7584	0.54	UG/L	#	73
18) T-BUTYL ALCOHOL	2.331	59	2505	3.94	UG/L	#	62
19) ACRYLONITRILE	2.431	53	1821	0.62	UG/L	#	89
20) METHYLENE CHLORIDE	2.231	49	13027	1.38	UG/L	#	71
21) CARBON DISULFIDE	2.047	76	43436	3.86	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	7768	0.50	UG/L		94
23) TRANS 1,2-DICHLOROETHENE	2.448	61	3788	0.53	UG/L	#	66
24) 1,1-DICHLOROETHANE	2.825	63	4916	0.48	UG/L	#	90
25) VINYL ACETATE	2.883	43	64062	5.49	UG/L	#	78
26) DI ISOPROPYL ETHER	2.894	45	12076	0.49	UG/L	#	69
27) 2-BUTANONE	3.446	43	20773	5.12	UG/L	#	86
28) T-BUTYL ETHYL ETHER	3.282	59	10134	0.40	UG/L		92
29) CIS-1,2-DICHLOROETHENE	3.405	61	5970	0.51	UG/L		99
30) 2,2-DICHLOROPROPANE	3.399	77	2452	0.32	UG/L	#	90
31) ETHYL ACETATE	3.525	43	7661	0.75	UG/L	#	83
32) BROMOCHLOROMETHANE	3.647	128	1454m	0.45	UG/L		
33) TETRAHYDROFURAN	3.714	42	1664m	0.56	UG/L		
34) CHLOROFORM	3.742	83	5585	0.49	UG/L		89
35) 1,1,1-TRICHLOROETHANE	3.918	97	3330m	0.36	UG/L		
36) CYCLOHEXANE	3.965	56	15753	1.47	UG/L	#	69
37) CARBON TETRACHLORIDE	4.066	117	2616	0.38	UG/L		87
38) 1,1-DICHLOROPROPENE	4.082	75	3851	0.47	UG/L	#	81
39) BENZENE	4.283	78	12242	0.45	UG/L		98
40) T-AMYLMETHYL ETHER	4.420	73	6214	0.33	UG/L	#	94
43) 1,2-DICHLOROETHANE	4.314	62	5443	0.57	UG/L	#	47
44) TRICHLOROETHENE	4.927	95	3138	0.49	UG/L	#	63
45) METHYLCYCLOHEXANE	5.108	83	3234	0.46	UG/L	#	73
46) 1,2-DICHLOROPROPANE	5.153	63	3286	0.46	UG/L	#	84
47) DIBROMOMETHANE	5.262	93	1784m	0.44	UG/L		
49) BROMODICHLOROMETHANE	5.432	83	2821	0.35	UG/L	#	81

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168010.D
Acq On : 17 Jun 2011 10:32 am
Operator : LBD/MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 20 12:12:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

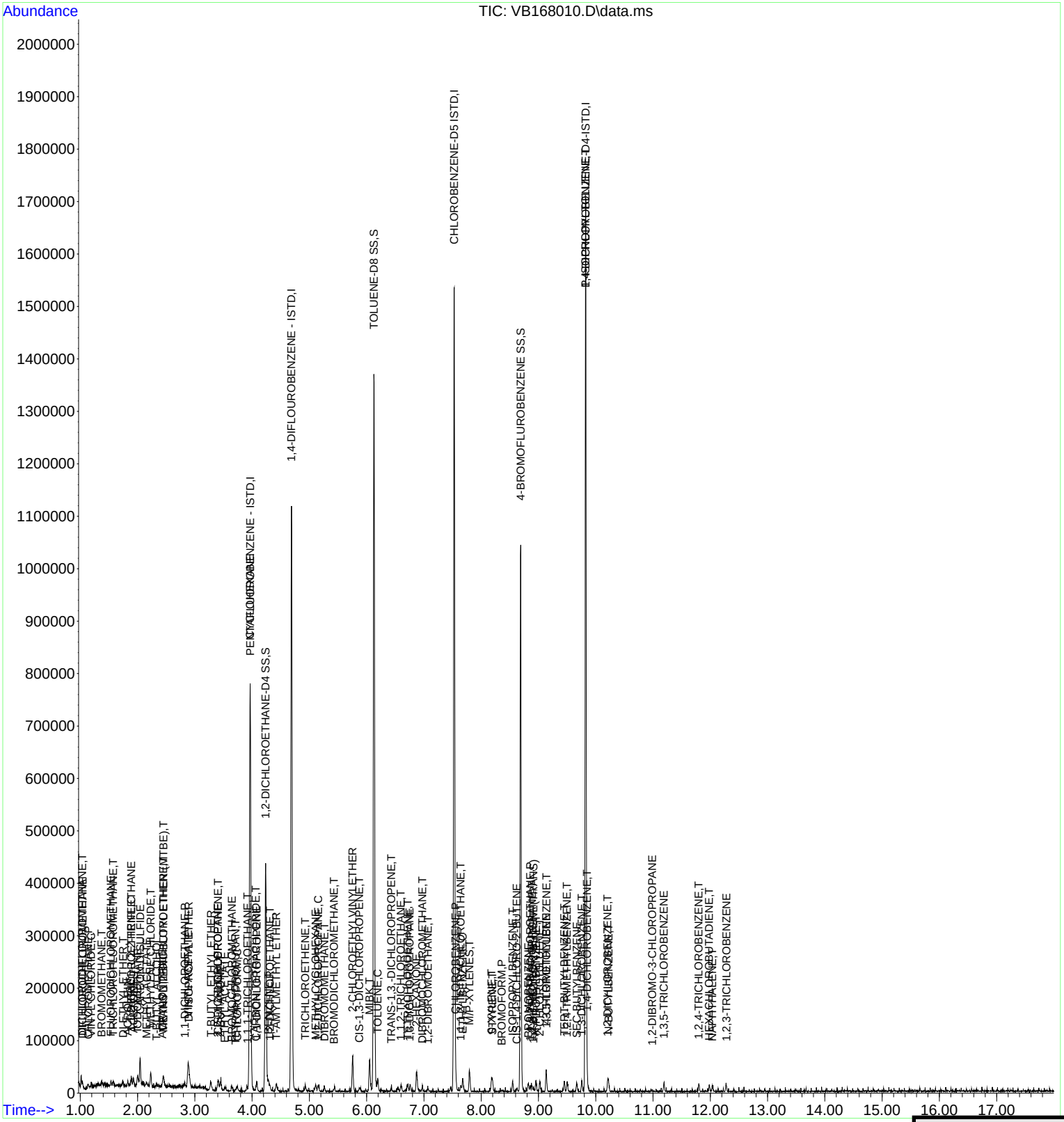
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) 2-CHLOROETHYLVINYLETHER	5.753	63	21959	4.51 UG/L #	49
51) MIBK	6.051	43	38529	4.78 UG/L #	70
52) CIS-1,3-DICHLOROPROPENE	5.870	75	3040	0.32 UG/L #	41
53) TOLUENE	6.193	91	13495	0.49 UG/L	95
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	2101	0.26 UG/L #	35
56) 1,1,2-TRICHLOROETHANE	6.598	97	2906	0.49 UG/L	95
57) 2-HEXANONE	6.868	43	25496	4.48 UG/L #	69
58) TETRACHLOROETHENE	6.718	164	1813	0.39 UG/L #	65
59) 1,3-DICHLOROPROPANE	6.751	76	5751	0.55 UG/L #	75
60) DIBROMOCHLOROMETHANE	6.971	129	1517	0.27 UG/L	99
61) 1,2-DIBROMOETHANE	7.072	107	2896m	0.47 UG/L	
64) CHLOROBENZENE	7.554	112	8808	0.52 UG/L #	52
65) 1,1,1,2-TETRACHLOROETHANE	7.641	131	1714	0.31 UG/L #	67
66) ETHYLBENZENE	7.677	91	13583	0.47 UG/L	93
67) M/P-XYLENES	7.794	91	19747	0.90 UG/L	87
68) 0-XYLENE	8.179	91	9806	0.41 UG/L	97
69) STYRENE	8.195	104	7176	0.38 UG/L #	75
70) BROMOFORM	8.357	173	947m	1.32 UG/L	
71) ISOPROPYLBENZENE	8.550	105	9404	0.43 UG/L	100
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	1308	0.42 UG/L #	23
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	4088	0.50 UG/L #	91
74) 1,4-DICHLORO-2-BUTENE(...	8.909	53	1340	0.49 UG/L #	30
75) BROMOBENZENE	8.826	77	6102	0.49 UG/L	85
76) 1,2,3-TRICHLOROPROPANE	8.887	110	1478m	0.64 UG/L	
77) N-PROPYLBENZENE	8.957	91	13140	0.45 UG/L	97
78) 2-CHLOROT0LUENE	9.021	91	8266	0.42 UG/L	88
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	8693	0.41 UG/L	100
80) 4-CHLOROTOLUENE	9.135	91	10394	0.46 UG/L	100
82) TERT-BUTYLBENZENE	9.450	119	6316	0.37 UG/L	92
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	8329	0.35 UG/L	97
84) SEC-BUTYLBENZENE	9.668	105	9150	0.39 UG/L	93
85) 1,3-DICHLOROBENZENE	9.754	146	6060	0.46 UG/L #	90
86) P-ISOPROPYLTOLUENE	9.821	119	7709	0.41 UG/L #	79
87) 1,4-DICHLOROBENZENE	9.849	146	7250	0.53 UG/L #	73
88) N-BUTYLBENZENE	10.223	91	6481	0.36 UG/L	95
89) 1,2-DICHLOROBENZENE	10.203	146	6882	0.53 UG/L	99
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	202m	0.16 UG/L	
91) 1,3,5-TRICHLOROBENZENE	11.188	180	3803	0.50 UG/L	98
92) 1,2,4-TRICHLOROBENZENE	11.796	180	3573	0.52 UG/L	92
93) HEXACHLOROBUTADIENE	11.980	225	2351m	0.94 UG/L	
94) NAPHTHALENE	12.035	128	6925	0.39 UG/L #	87
95) 1,2,3-TRICHLOROBENZENE	12.284	180	3531	0.65 UG/L	89

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168010.D
Acq On : 17 Jun 2011 10:32 am
Operator : LBD/MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 20 12:12:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168011.D
Acq On : 17 Jun 2011 11:04 am
Operator : LBD/MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 20 12:14:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	454006	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	724230	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	367522	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	342262	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	255806	25.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.00%				
42) TOLUENE-D8 SS	6.126	98	700480	25.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	274836	23.30	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.20%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	7831	1.33	UG/L		94
4) DIFLUOROCHLOROMETHANE	1.043	51	12749	1.09	UG/L		95
5) CHLOROMETHANE	1.140	50	9055	0.72	UG/L		97
6) VINYL CHLORIDE	1.190	62	6904	1.02	UG/L	#	85
7) BROMOMETHANE	1.374	94	5115	1.64	UG/L		99
8) CHLOROETHANE	1.425	64	3887	Below Cal		#	79
9) FLUORODICHLOROMETHANE	1.536	67	9476	1.08	UG/L		94
10) TRICHLOROFLUOROMETHANE	1.575	101	7890	1.20	UG/L		97
11) DI ETHYL ETHER	1.745	59	4820	0.99	UG/L	#	80
12) ACROLEIN	1.832	56	6352	9.39	UG/L	#	98
13) ACETONE	1.927	43	23805	11.79	UG/L	#	73
14) 1,1-DICHLOROETHENE	1.896	61	8148	1.05	UG/L		88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	4350	1.25	UG/L		88
16) IODOMETHANE	1.999	142	49105	7.69	UG/L	#	75
17) METHYL ACETATE	2.158	43	13257m	0.93	UG/L		
18) T-BUTYL ALCOHOL	2.325	59	5280	8.21	UG/L	#	43
19) ACRYLONITRILE	2.429	53	3614	1.21	UG/L		91
20) METHYLENE CHLORIDE	2.228	49	17016	1.79	UG/L	#	71
21) CARBON DISULFIDE	2.044	76	92939	8.17	UG/L	#	77
22) METHYL TERT-BUTYL ETHE...	2.451	73	15192	0.97	UG/L	#	86
23) TRANS 1,2-DICHLOROETHENE	2.451	61	7366	1.01	UG/L		88
24) 1,1-DICHLOROETHANE	2.822	63	9987	0.96	UG/L	#	81
25) VINYL ACETATE	2.886	43	137391	11.63	UG/L	#	78
26) DI ISOPROPYL ETHER	2.900	45	23893	0.96	UG/L	#	70
27) 2-BUTANONE	3.449	43	41521	10.11	UG/L	#	84
28) T-BUTYL ETHYL ETHER	3.276	59	21174	0.82	UG/L		92
29) CIS-1,2-DICHLOROETHENE	3.405	61	12122	1.02	UG/L		89
30) 2,2-DICHLOROPROPANE	3.407	77	5150	0.67	UG/L	#	77
31) ETHYL ACETATE	3.516	43	11342	1.09	UG/L	#	91
32) BROMOCHLOROMETHANE	3.656	128	3243	1.00	UG/L	#	76
33) TETRAHYDROFURAN	3.711	42	3261	1.08	UG/L	#	48
34) CHLOROFORM	3.742	83	11029	0.96	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.909	97	7074	0.77	UG/L	#	62
36) CYCLOHEXANE	3.965	56	21059	1.94	UG/L	#	63
37) CARBON TETRACHLORIDE	4.071	117	5372	0.77	UG/L		96
38) 1,1-DICHLOROPROPENE	4.079	75	7914	0.96	UG/L		95
39) BENZENE	4.283	78	25816	0.94	UG/L		97
40) T-AMYLMETHYL ETHER	4.420	73	13064m	0.69	UG/L		
43) 1,2-DICHLOROETHANE	4.314	62	10229	1.07	UG/L	#	90
44) TRICHLOROETHENE	4.933	95	6460	1.01	UG/L		95
45) METHYLCYCLOHEXANE	5.108	83	6664	0.95	UG/L	#	77
46) 1,2-DICHLOROPROPANE	5.148	63	7596	1.06	UG/L	#	74
47) DIBROMOMETHANE	5.262	93	3946	0.97	UG/L		95

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168011.D
Acq On : 17 Jun 2011 11:04 am
Operator : LBD/MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 20 12:14:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

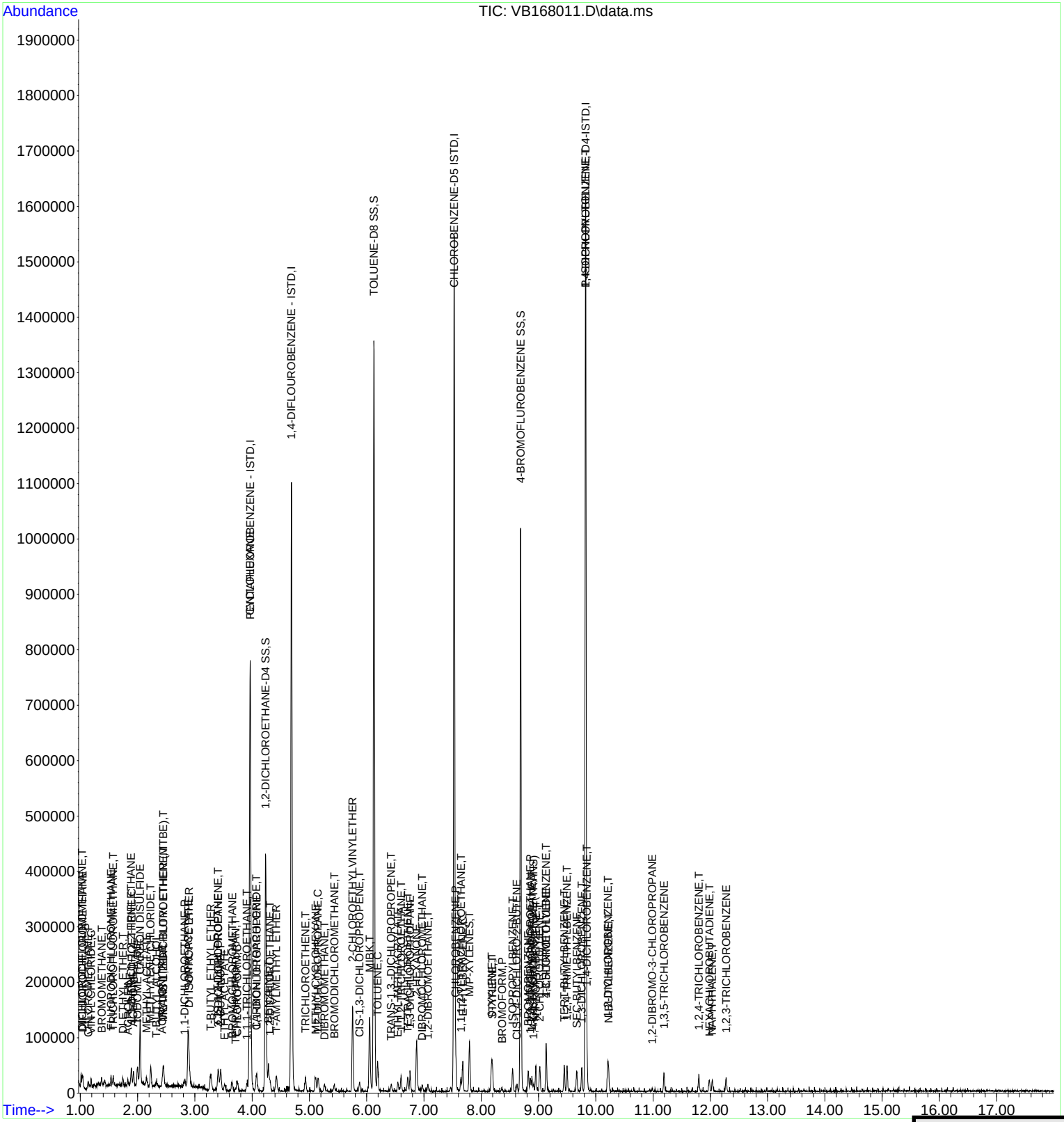
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) BROMODICHLOROMETHANE	5.438	83	5954	0.75	UG/L	#	94
50) 2-CHLOROETHYLVINYLETHER	5.753	63	47897	9.83	UG/L	#	46
51) MIBK	6.054	43	86691	10.75	UG/L	#	71
52) CIS-1,3-DICHLOROPROPENE	5.875	75	6344	0.67	UG/L	#	69
53) TOLUENE	6.190	91	27668	1.01	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.425	75	4411	0.54	UG/L	#	64
55) ETHYL METHACRYLATE	6.545	41	6878	0.95	UG/L	#	52
56) 1,1,2-TRICHLOROETHANE	6.603	97	6398	1.07	UG/L	#	75
57) 2-HEXANONE	6.871	43	58121	10.19	UG/L	#	70
58) TETRACHLOROETHENE	6.718	164	5078	1.10	UG/L		98
59) 1,3-DICHLOROPROPANE	6.759	76	11039	1.06	UG/L	#	68
60) DIBROMOCHLOROMETHANE	6.968	129	3805	0.66	UG/L		93
61) 1,2-DIBROMOETHANE	7.069	107	5752	0.94	UG/L	#	98
64) CHLOROBENZENE	7.554	112	18348	1.10	UG/L		91
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	4337	0.80	UG/L	#	80
66) ETHYLBENZENE	7.680	91	28246	0.98	UG/L		96
67) M/P-XYLENES	7.797	91	44493	2.05	UG/L		85
68) 0-XYLENE	8.182	91	20955	0.88	UG/L		98
69) STYRENE	8.195	104	16285	0.87	UG/L	#	87
70) BROMOFORM	8.366	173	1939m	1.53	UG/L		
71) ISOPROPYLBENZENE	8.550	105	19810	0.92	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	2708	0.88	UG/L	#	33
73) 1,1,2,2-TETRACHLOROETHANE	8.854	83	8341	1.03	UG/L	#	93
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	2425	0.89	UG/L	#	30
75) BROMOBENZENE	8.820	77	12553	1.01	UG/L		93
76) 1,2,3-TRICHLOROPROPANE	8.884	110	2475	1.09	UG/L		99
77) N-PROPYLBENZENE	8.954	91	30032	1.04	UG/L		98
78) 2-CHLOROT0LUENE	9.024	91	20401	1.05	UG/L		96
79) 1,3,5-TRIMETHYLBENZENE	9.132	105	19282	0.92	UG/L		98
80) 4-CHLOROTOLUENE	9.132	91	22539	1.00	UG/L		100
82) TERT-BUTYLBENZENE	9.450	119	14883	0.88	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	19674	0.84	UG/L		97
84) SEC-BUTYLBENZENE	9.671	105	19853	0.84	UG/L		98
85) 1,3-DICHLOROBENZENE	9.754	146	14052	1.07	UG/L		97
86) P-ISOPROPYLTOLUENE	9.821	119	17670	0.95	UG/L	#	87
87) 1,4-DICHLOROBENZENE	9.846	146	14947	1.10	UG/L		92
88) N-BUTYLBENZENE	10.226	91	16055	0.88	UG/L		99
89) 1,2-DICHLOROBENZENE	10.212	146	13697	1.05	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	737m	0.60	UG/L		
91) 1,3,5-TRICHLOROBENZENE	11.193	180	7570	1.00	UG/L		97
92) 1,2,4-TRICHLOROBENZENE	11.801	180	7176	1.05	UG/L		97
93) HEXACHLOROBUTADIENE	11.985	225	3533m	1.42	UG/L		
94) NAPHTHALENE	12.033	128	13392	0.75	UG/L		96
95) 1,2,3-TRICHLOROBENZENE	12.278	180	6099	1.13	UG/L	#	95

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168011.D
Acq On : 17 Jun 2011 11:04 am
Operator : LBD/MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 20 12:14:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168012.D
Acq On : 17 Jun 2011 11:36 am
Operator : LBD/MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 12:15:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	446022	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	722369	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	365884	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	345117	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.238	65	253402	25.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.88%				
42) TOLUENE-D8 SS	6.126	98	706555	25.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.24%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	278024	23.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.72%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	12720	2.20	UG/L		94
4) DIFLUOROCHLOROMETHANE	1.045	51	22363	1.95	UG/L		99
5) CHLOROMETHANE	1.140	50	15470	1.25	UG/L		97
6) VINYL CHLORIDE	1.187	62	11522	1.73	UG/L		90
7) BROMOMETHANE	1.372	94	7710	2.52	UG/L		99
8) CHLOROETHANE	1.427	64	7201	0.78	UG/L		90
9) FLUORODICHLOROMETHANE	1.533	67	16947	1.96	UG/L		92
10) TRICHLOROFLUOROMETHANE	1.572	101	12806	1.99	UG/L		97
11) DI ETHYL ETHER	1.745	59	8648	1.81	UG/L	#	69
12) ACROLEIN	1.829	56	11138	16.76	UG/L	#	97
13) ACETONE	1.929	43	46750	23.57	UG/L	#	70
14) 1,1-DICHLOROETHENE	1.893	61	13827	1.82	UG/L	#	86
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	6778	1.98	UG/L		90
16) IODOMETHANE	1.996	142	73056	11.65	UG/L		91
17) METHYL ACETATE	2.161	43	27832	1.99	UG/L	#	82
18) T-BUTYL ALCOHOL	2.336	59	10504	16.63	UG/L	#	76
19) ACRYLONITRILE	2.428	53	5896	2.01	UG/L	#	87
20) METHYLENE CHLORIDE	2.230	49	26951	2.88	UG/L	#	68
21) CARBON DISULFIDE	2.044	76	160123	14.33	UG/L	#	76
22) METHYL TERT-BUTYL ETHE...	2.451	73	28729	1.86	UG/L		94
23) TRANS 1,2-DICHLOROETHENE	2.445	61	13132	1.84	UG/L	#	83
24) 1,1-DICHLOROETHANE	2.827	63	17345	1.71	UG/L		97
25) VINYL ACETATE	2.886	43	267626	23.06	UG/L	#	77
26) DI ISOPROPYL ETHER	2.905	45	42478	1.74	UG/L	#	77
27) 2-BUTANONE	3.455	43	85884	21.28	UG/L	#	88
28) T-BUTYL ETHYL ETHER	3.285	59	39990	1.57	UG/L	#	81
29) CIS-1,2-DICHLOROETHENE	3.410	61	20177	1.73	UG/L		97
30) 2,2-DICHLOROPROPANE	3.404	77	9377	1.24	UG/L	#	88
31) ETHYL ACETATE	3.516	43	22579	2.22	UG/L	#	80
32) BROMOCHLOROMETHANE	3.647	128	5872	1.84	UG/L	#	80
33) TETRAHYDROFURAN	3.714	42	4788	1.62	UG/L	#	77
34) CHLOROFORM	3.742	83	19841	1.76	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.909	97	12200	1.34	UG/L	#	92
36) CYCLOHEXANE	3.968	56	27466	2.58	UG/L		90
37) CARBON TETRACHLORIDE	4.079	117	8759	1.28	UG/L		93
38) 1,1-DICHLOROPROPENE	4.082	75	14041	1.74	UG/L		94
39) BENZENE	4.286	78	46165	1.71	UG/L		98
40) T-AMYLMETHYL ETHER	4.425	73	25001	1.34	UG/L	#	56
43) 1,2-DICHLOROETHANE	4.314	62	20534	2.15	UG/L		96
44) TRICHLOROETHENE	4.935	95	10868	1.70	UG/L		92
45) METHYLCYCLOHEXANE	5.108	83	11224	1.61	UG/L	#	87
46) 1,2-DICHLOROPROPANE	5.150	63	12825	1.79	UG/L	#	85
47) DIBROMOMETHANE	5.262	93	7970	1.96	UG/L		88

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168012.D
Acq On : 17 Jun 2011 11:36 am
Operator : LBD/MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 12:15:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

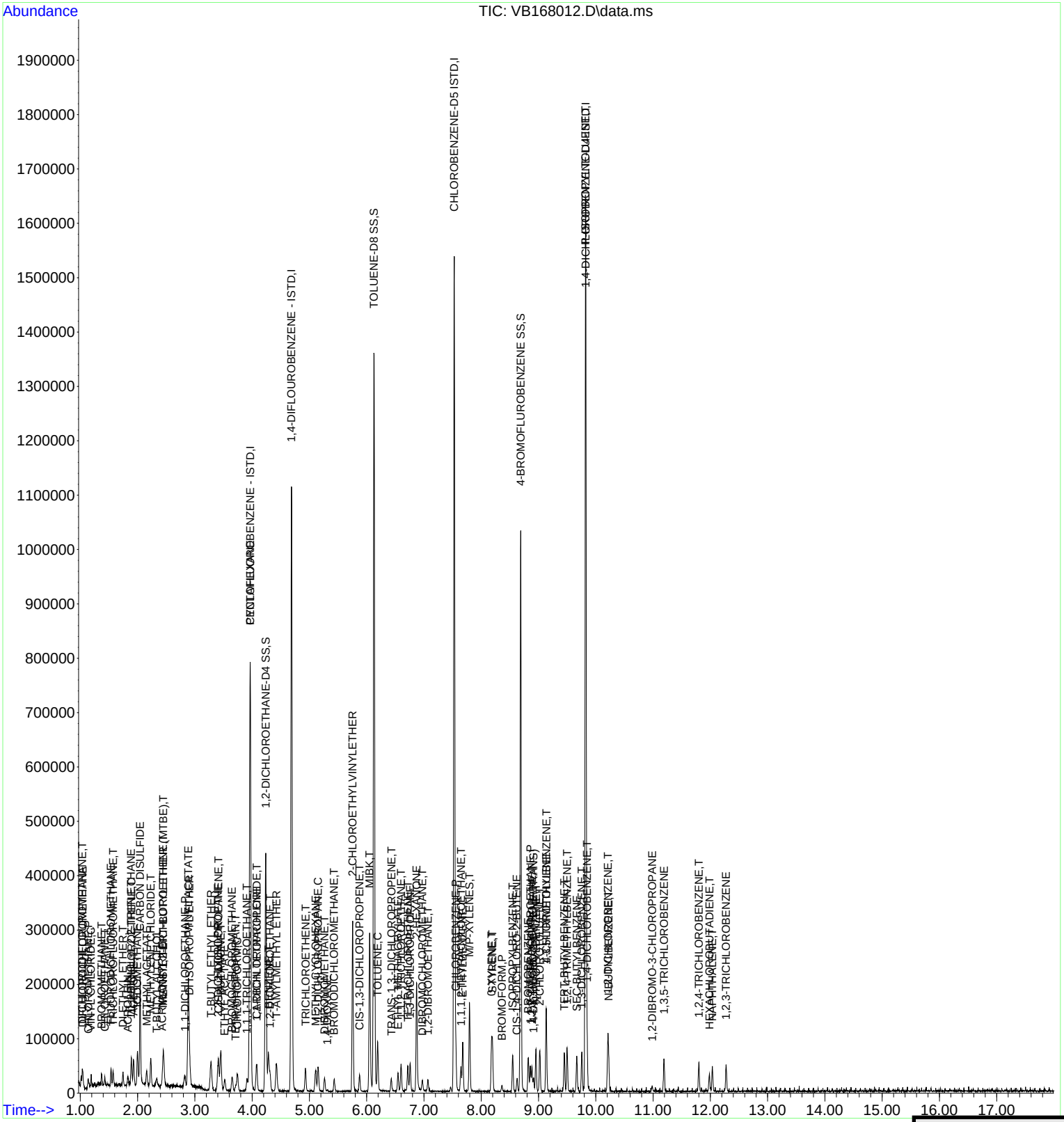
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.312	88	987m	15.66	UG/L		
49) BROMODICHLOROMETHANE	5.429	83	11063	1.39	UG/L	#	95
50) 2-CHLOROETHYLVINYLETHER	5.755	63	97825	20.12	UG/L	#	49
51) MIBK	6.051	43	185740	23.09	UG/L	#	69
52) CIS-1,3-DICHLOROPROPENE	5.875	75	11977	1.26	UG/L	#	63
53) TOLUENE	6.190	91	46341	1.70	UG/L		94
54) TRANS-1,3,-DICHLOROPRO...	6.433	75	7592	0.93	UG/L	#	51
55) ETHYL METHACRYLATE	6.547	41	12587	1.75	UG/L	#	59
56) 1,1,2-TRICHLOROETHANE	6.600	97	11830	1.99	UG/L		99
57) 2-HEXANONE	6.873	43	124571	21.89	UG/L	#	70
58) TETRACHLOROETHENE	6.720	164	8808	1.91	UG/L		95
59) 1,3-DICHLOROPROPANE	6.759	76	20784	2.00	UG/L	#	69
60) DIBROMOCHLOROMETHANE	6.974	129	7241	1.27	UG/L		97
61) 1,2-DIBROMOETHANE	7.069	107	11531	1.88	UG/L	#	95
64) CHLOROBENZENE	7.557	112	31054	1.87	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.649	131	8224	1.53	UG/L		98
66) ETHYLBENZENE	7.677	91	49228	1.72	UG/L		99
67) M/P-XYLENES	7.794	91	76007	3.51	UG/L		89
68) 0-XYLENE	8.179	91	38746	1.63	UG/L		96
69) STYRENE	8.195	104	30217	1.63	UG/L	#	81
70) BROMOFORM	8.360	173	3488	1.86	UG/L	#	92
71) ISOPROPYLBENZENE	8.549	105	33475	1.57	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	5169	1.69	UG/L	#	44
73) 1,1,2,2-TETRACHLOROETHANE	8.859	83	16705	2.06	UG/L	#	96
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	5008	1.85	UG/L	#	63
75) BROMOBENZENE	8.820	77	22374	1.81	UG/L		90
76) 1,2,3-TRICHLOROPROPANE	8.890	110	4832	2.14	UG/L		71
77) N-PROPYLBENZENE	8.957	91	50963	1.77	UG/L		97
78) 2-CHLOROT0LUENE	9.024	91	35057	1.82	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	35335	1.70	UG/L		94
80) 4-CHLOROTOLUENE	9.135	91	41097	1.83	UG/L		95
82) TERT-BUTYLBENZENE	9.453	119	25195	1.48	UG/L		97
83) 1,2,4-TRIMETHYLBENZENE	9.500	105	37000	1.56	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	34819	1.47	UG/L		100
85) 1,3-DICHLOROBENZENE	9.754	146	24675	1.86	UG/L		97
86) P-ISOPROPYLTOLUENE	9.818	119	29727	1.59	UG/L	#	93
87) 1,4-DICHLOROBENZENE	9.849	146	25763	1.88	UG/L	#	75
88) N-BUTYLBENZENE	10.223	91	26844	1.47	UG/L		99
89) 1,2-DICHLOROBENZENE	10.211	146	25078	1.92	UG/L		96
90) 1,2-DIBROMO-3-CHLOROPR...	10.987	75	1533	1.24	UG/L	#	57
91) 1,3,5-TRICHLOROBENZENE	11.190	180	14233	1.87	UG/L		94
92) 1,2,4-TRICHLOROBENZENE	11.801	180	12183	1.77	UG/L		97
93) HEXACHLOROBUTADIENE	11.985	225	5068	2.02	UG/L	#	91
94) NAPHTHALENE	12.035	128	27206	1.51	UG/L		97
95) 1,2,3-TRICHLOROBENZENE	12.275	180	11976	2.20	UG/L		97

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168012.D
Acq On : 17 Jun 2011 11:36 am
Operator : LBD/MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 12:15:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168013.D
Acq On : 17 Jun 2011 12:08 pm
Operator : LBD/MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 12:43:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	448204	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	723319	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	370813	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	347863	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	252741	25.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.08%				
42) TOLUENE-D8 SS	6.126	98	699945	25.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	284629	23.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	37775	6.50	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.045	51	64905	5.62	UG/L		100
5) CHLOROMETHANE	1.135	50	41356	3.32	UG/L		100
6) VINYL CHLORIDE	1.188	62	35226	5.25	UG/L		99
7) BROMOMETHANE	1.369	94	17847	5.80	UG/L		97
8) CHLOROETHANE	1.425	64	18582	4.17	UG/L		98
9) FLUORODICHLOROMETHANE	1.536	67	47662	5.48	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	39697	6.14	UG/L		97
11) DI ETHYL ETHER	1.745	59	23390	4.88	UG/L	#	82
12) ACROLEIN	1.826	56	25160	37.67	UG/L	#	94
13) ACETONE	1.927	43	111918	56.15	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.890	61	42088	5.50	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	20810	6.05	UG/L		97
16) IODOMETHANE	1.996	142	248782	39.46	UG/L	#	85
17) METHYL ACETATE	2.158	43	67985	4.84	UG/L	#	80
18) T-BUTYL ALCOHOL	2.334	59	25042	39.45	UG/L	#	60
19) ACRYLONITRILE	2.429	53	16027	5.43	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	53888	5.73	UG/L	#	69
21) CARBON DISULFIDE	2.044	76	553818	49.32	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	70600	4.55	UG/L		91
23) TRANS 1,2-DICHLOROETHENE	2.443	61	38254	5.33	UG/L		87
24) 1,1-DICHLOROETHANE	2.822	63	48356	4.73	UG/L		98
25) VINYL ACETATE	2.886	43	706578	60.59	UG/L	#	77
26) DI ISOPROPYL ETHER	2.900	45	115515	4.71	UG/L	#	73
27) 2-BUTANONE	3.449	43	223791	55.17	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.282	59	106485	4.16	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.413	61	59321	5.07	UG/L		92
30) 2,2-DICHLOROPROPANE	3.407	77	28781	3.78	UG/L		97
31) ETHYL ACETATE	3.522	43	55813	5.45	UG/L	#	92
32) BROMOCHLOROMETHANE	3.653	128	15280	4.78	UG/L	#	74
33) TETRAHYDROFURAN	3.709	42	13551	4.55	UG/L	#	82
34) CHLOROFORM	3.739	83	55893	4.93	UG/L		95
35) 1,1,1-TRICHLOROETHANE	3.909	97	38256	4.19	UG/L	#	92
36) CYCLOHEXANE	3.960	56	63976	5.98	UG/L	#	94
37) CARBON TETRACHLORIDE	4.074	117	29850	4.34	UG/L		100
38) 1,1-DICHLOROPROPENE	4.074	75	40281	4.97	UG/L		99
39) BENZENE	4.286	78	133072	4.90	UG/L		98
40) T-AMYLMETHYL ETHER	4.425	73	68474	3.66	UG/L	#	72
43) 1,2-DICHLOROETHANE	4.314	62	54663	5.71	UG/L		96
44) TRICHLOROETHENE	4.930	95	33825	5.29	UG/L		93
45) METHYLCYCLOHEXANE	5.109	83	36790	5.26	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.153	63	36357	5.07	UG/L	#	82
47) DIBROMOMETHANE	5.262	93	19430	4.78	UG/L		99

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168013.D
Acq On : 17 Jun 2011 12:08 pm
Operator : LBD/MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 12:43:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

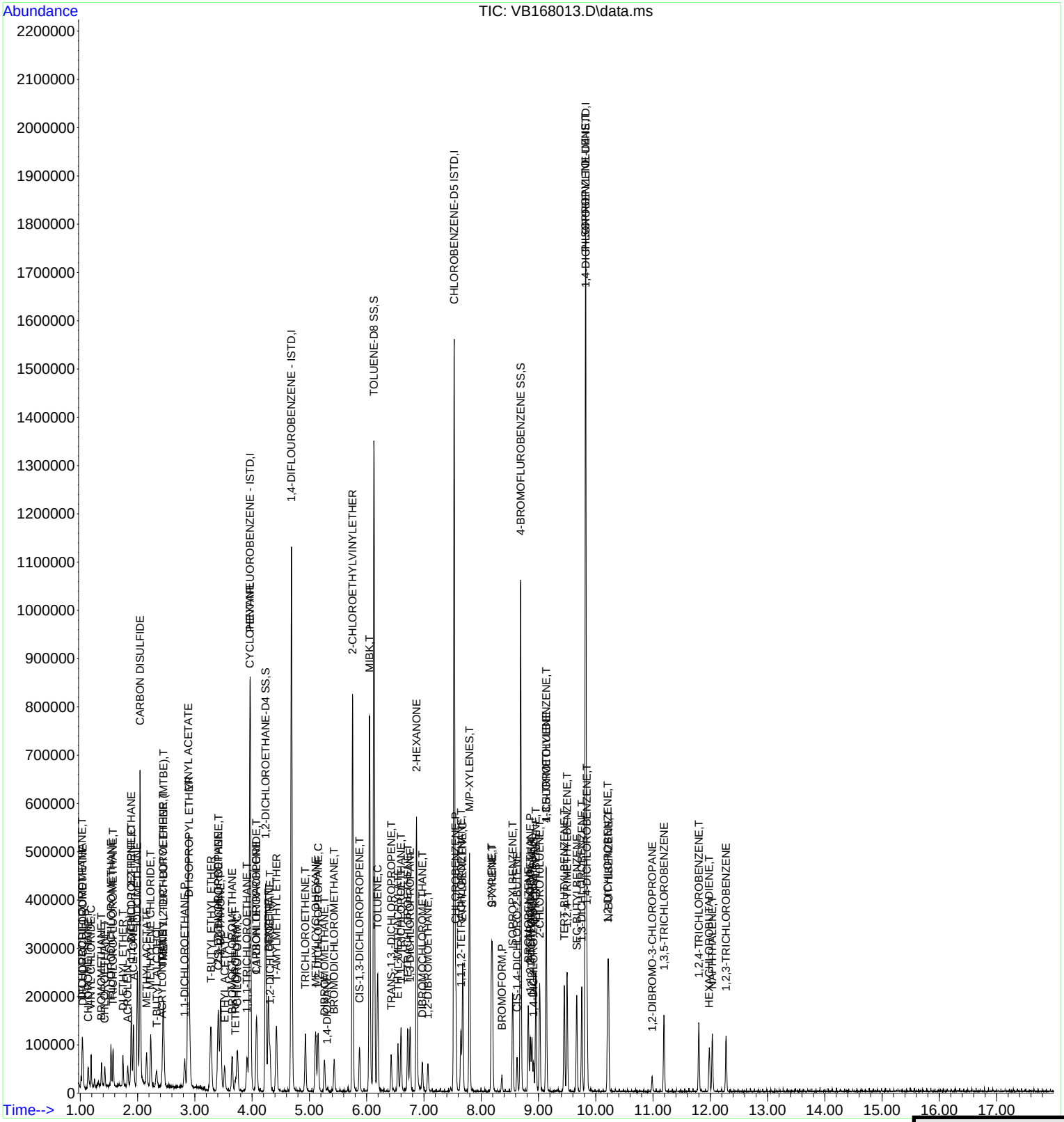
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.307	88	2230	35.33	UG/L	#	61
49) BROMODICHLOROMETHANE	5.432	83	32947	4.14	UG/L		97
50) 2-CHLOROETHYLVINYLETHER	5.755	63	266105	54.66	UG/L	#	49
51) MIBK	6.051	43	487276	60.49	UG/L	#	70
52) CIS-1,3-DICHLOROPROPENE	5.875	75	35041	3.70	UG/L	#	69
53) TOLUENE	6.193	91	141016	5.16	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	26445	3.24	UG/L	#	71
55) ETHYL METHACRYLATE	6.547	41	35878	4.99	UG/L	#	57
56) 1,1,2-TRICHLOROETHANE	6.600	97	30238	5.07	UG/L		93
57) 2-HEXANONE	6.871	43	334481	58.71	UG/L	#	71
58) TETRACHLOROETHENE	6.718	164	24086	5.23	UG/L		95
59) 1,3-DICHLOROPROPANE	6.759	76	53194	5.11	UG/L	#	70
60) DIBROMOCHLOROMETHANE	6.974	129	21773	3.81	UG/L		97
61) 1,2-DIBROMOETHANE	7.069	107	30301	4.94	UG/L		100
64) CHLOROBENZENE	7.554	112	89036	5.28	UG/L	#	90
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	24935	4.58	UG/L		99
66) ETHYLBENZENE	7.674	91	150453	5.18	UG/L		100
67) M/P-XYLENES	7.794	91	234629	10.69	UG/L		88
68) 0-XYLENE	8.179	91	120010	4.99	UG/L		98
69) STYRENE	8.196	104	94019	5.00	UG/L	#	86
70) BROMOFORM	8.360	173	12934	3.85	UG/L	#	99
71) ISOPROPYLBENZENE	8.550	105	108847	5.02	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	14713	4.74	UG/L	#	45
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	42661	5.20	UG/L		98
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	13352	4.86	UG/L	#	63
75) BROMOBENZENE	8.823	77	63777	5.09	UG/L		90
76) 1,2,3-TRICHLOROPROPANE	8.882	110	13225	5.77	UG/L		80
77) N-PROPYLBENZENE	8.954	91	159137	5.47	UG/L		97
78) 2-CHLOROT0LUENE	9.021	91	105308	5.39	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	110861	5.27	UG/L		95
80) 4-CHLOROTOLUENE	9.135	91	119427	5.25	UG/L		96
82) TERT-BUTYLBENZENE	9.450	119	78465	4.58	UG/L		93
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	113425	4.75	UG/L		96
84) SEC-BUTYLBENZENE	9.668	105	111824	4.68	UG/L		98
85) 1,3-DICHLOROBENZENE	9.757	146	70854	5.30	UG/L		99
86) P-ISOPROPYLTOLUENE	9.819	119	93535	4.95	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	71792	5.21	UG/L	#	93
88) N-BUTYLBENZENE	10.223	91	88724	4.81	UG/L		99
89) 1,2-DICHLOROBENZENE	10.209	146	67300	5.10	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	4070	3.25	UG/L		92
91) 1,3,5-TRICHLOROBENZENE	11.191	180	41837	5.46	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	34633	5.00	UG/L		98
93) HEXACHLOROBUTADIENE	11.980	225	15060	5.95	UG/L		98
94) NAPHTHALENE	12.035	128	71504	3.93	UG/L		96
95) 1,2,3-TRICHLOROBENZENE	12.275	180	28776	5.24	UG/L		96

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168013.D
Acq On : 17 Jun 2011 12:08 pm
Operator : LBD/MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 12:43:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168014.D
Acq On : 17 Jun 2011 12:39 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 06:02:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	453872	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	726162	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	371668	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	351481	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	253332	25.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%				
42) TOLUENE-D8 SS	6.126	98	698640	24.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	285599	23.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	76086	12.93	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	127515	10.91	UG/L		97
5) CHLOROMETHANE	1.135	50	79062	6.27	UG/L		100
6) VINYL CHLORIDE	1.188	62	67978	10.01	UG/L		98
7) BROMOMETHANE	1.369	94	31582	10.13	UG/L		96
8) CHLOROETHANE	1.425	64	35019	8.96	UG/L		97
9) FLUORODICHLOROMETHANE	1.533	67	96547	10.96	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	79036	12.07	UG/L		99
11) DI ETHYL ETHER	1.740	59	46323	9.55	UG/L	#	76
12) ACROLEIN	1.826	56	42623	63.02	UG/L	#	94
13) ACETONE	1.927	43	213196	105.63	UG/L	#	71
14) 1,1-DICHLOROETHENE	1.888	61	82376	10.63	UG/L		90
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	38677	11.10	UG/L		97
16) IODOMETHANE	1.994	142	563089	88.20	UG/L		88
17) METHYL ACETATE	2.158	43	126837	8.91	UG/L	#	81
18) T-BUTYL ALCOHOL	2.334	59	48581	75.58	UG/L	#	68
19) ACRYLONITRILE	2.426	53	29989	10.03	UG/L		94
20) METHYLENE CHLORIDE	2.228	49	100564	10.56	UG/L	#	68
21) CARBON DISULFIDE	2.041	76	1131802	99.53	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.456	73	141578	9.01	UG/L	#	90
23) TRANS 1,2-DICHLOROETHENE	2.443	61	75679	10.40	UG/L	#	84
24) 1,1-DICHLOROETHANE	2.819	63	94440	9.13	UG/L		99
25) VINYL ACETATE	2.883	43	1392388	117.90	UG/L	#	77
26) DI ISOPROPYL ETHER	2.903	45	224615	9.03	UG/L	#	75
27) 2-BUTANONE	3.449	43	437743	106.57	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	219320	8.45	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.410	61	119453	10.08	UG/L		93
30) 2,2-DICHLOROPROPANE	3.405	77	58950	7.65	UG/L		99
31) ETHYL ACETATE	3.522	43	102654	9.90	UG/L	#	91
32) BROMOCHLOROMETHANE	3.647	128	30682	9.47	UG/L	#	76
33) TETRAHYDROFURAN	3.709	42	27299	9.06	UG/L	#	84
34) CHLOROFORM	3.742	83	113288	9.87	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	80775	8.74	UG/L		94
36) CYCLOHEXANE	3.954	56	117384	10.83	UG/L	#	91
37) CARBON TETRACHLORIDE	4.071	117	62953	9.04	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	81397	9.92	UG/L		97
39) BENZENE	4.283	78	263644	9.58	UG/L		99
40) T-AMYLMETHYL ETHER	4.420	73	140721	7.43	UG/L	#	72
43) 1,2-DICHLOROETHANE	4.311	62	107380	11.18	UG/L		90
44) TRICHLOROETHENE	4.927	95	64866	10.10	UG/L		95
45) METHYLCYCLOHEXANE	5.108	83	73587	10.48	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.148	63	73935	10.27	UG/L	#	83
47) DIBROMOMETHANE	5.262	93	41264	10.11	UG/L		94

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168014.D
Acq On : 17 Jun 2011 12:39 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 06:02:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

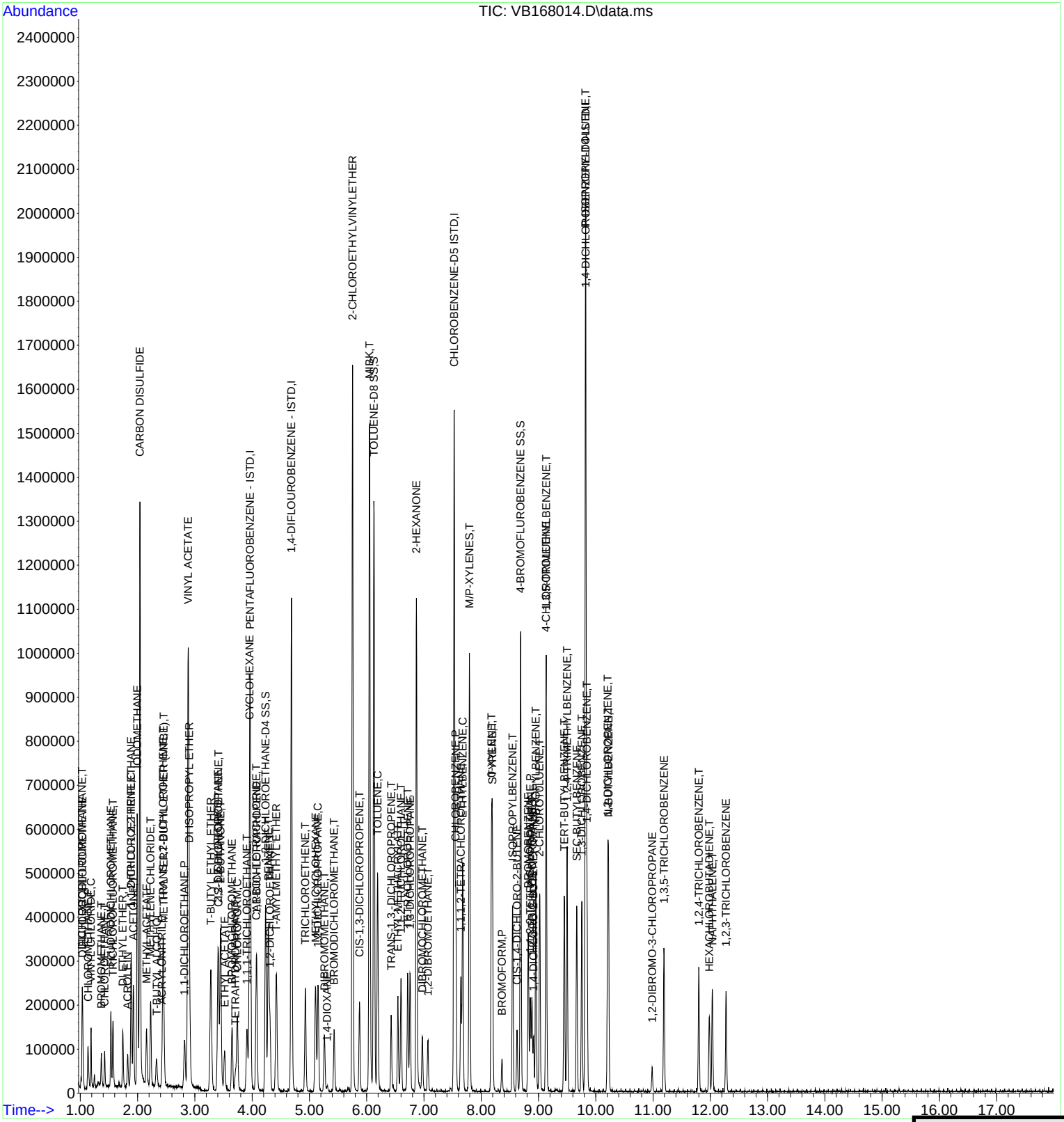
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	4955	78.20	UG/L	#	86
49) BROMODICHLOROMETHANE	5.429	83	70928	8.89	UG/L		98
50) 2-CHLOROETHYLVINYLETHER	5.753	63	536887	109.85	UG/L	#	51
51) MIBK	6.051	43	941739	116.44	UG/L	#	70
52) CIS-1,3-DICHLOROPROPENE	5.875	75	81842	8.60	UG/L	#	72
53) TOLUENE	6.193	91	280106	10.21	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	60338	7.37	UG/L	#	69
55) ETHYL METHACRYLATE	6.545	41	74711	10.34	UG/L	#	61
56) 1,1,2-TRICHLOROETHANE	6.600	97	62564	10.45	UG/L		99
57) 2-HEXANONE	6.868	43	651259	113.86	UG/L	#	71
58) TETRACHLOROETHENE	6.715	164	49126	10.62	UG/L		98
59) 1,3-DICHLOROPROPANE	6.759	76	107926	10.32	UG/L	#	69
60) DIBROMOCHLOROMETHANE	6.974	129	47610	8.29	UG/L		98
61) 1,2-DIBROMOETHANE	7.069	107	61811	10.05	UG/L		98
64) CHLOROBENZENE	7.554	112	182455	10.79	UG/L		93
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	53159	9.73	UG/L		100
66) ETHYLBENZENE	7.677	91	306207	10.52	UG/L		99
67) M/P-XYLENES	7.794	91	481649	21.89	UG/L		87
68) 0-XYLENE	8.179	91	246920	10.24	UG/L		99
69) STYRENE	8.195	104	200946	10.67	UG/L	#	87
70) BROMOFORM	8.360	173	28106	7.03	UG/L		99
71) ISOPROPYLBENZENE	8.547	105	225939	10.40	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	30936	9.95	UG/L	#	49
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	84608	10.29	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	27112	9.85	UG/L	#	71
75) BROMOBENZENE	8.820	77	124189	9.90	UG/L		92
76) 1,2,3-TRICHLOROPROPANE	8.887	110	24292	10.57	UG/L	#	66
77) N-PROPYLBENZENE	8.954	91	317988	10.90	UG/L		100
78) 2-CHLOROT0LUENE	9.018	91	210658	10.76	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	227353	10.78	UG/L		97
80) 4-CHLOROTOLUENE	9.132	91	247889	10.87	UG/L		95
82) TERT-BUTYLBENZENE	9.450	119	165793	9.58	UG/L		93
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	236283	9.79	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	235031	9.74	UG/L		100
85) 1,3-DICHLOROBENZENE	9.757	146	139451	10.33	UG/L		97
86) P-ISOPROPYLTOLUENE	9.818	119	192503	10.09	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	144800	10.40	UG/L		96
88) N-BUTYLBENZENE	10.223	91	186611	10.01	UG/L		98
89) 1,2-DICHLOROBENZENE	10.209	146	139095	10.43	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	8581	6.79	UG/L		86
91) 1,3,5-TRICHLOROBENZENE	11.190	180	84057	10.86	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.801	180	68970	9.86	UG/L		99
93) HEXACHLOROBUTADIENE	11.982	225	31840	12.45	UG/L		97
94) NAPHTHALENE	12.038	128	152444	8.29	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	56629	10.20	UG/L		97

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168014.D
Acq On : 17 Jun 2011 12:39 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 06:02:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168015.D
Acq On : 17 Jun 2011 1:11 pm
Operator : LBD/MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 12:17:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	462500	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	744649	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	378177	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	359518	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	254485	25.15	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.60%				
42) TOLUENE-D8 SS	6.126	98	715605	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	293205	24.16	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.64%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	138895	23.17	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	240911	20.23	UG/L		98
5) CHLOROMETHANE	1.135	50	154482	12.03	UG/L		99
6) VINYL CHLORIDE	1.188	62	136179	19.68	UG/L		99
7) BROMOMETHANE	1.363	94	53815	16.94	UG/L		99
8) CHLOROETHANE	1.422	64	70151	18.96	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	190661	21.24	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	152709	22.89	UG/L		100
11) DI ETHYL ETHER	1.743	59	94374	19.10	UG/L	#	77
12) ACROLEIN	1.826	56	80638	117.00	UG/L	#	91
13) ACETONE	1.927	43	406005	197.41	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.888	61	163782	20.74	UG/L	#	87
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	80727	22.73	UG/L		93
16) IODOMETHANE	1.994	142	1252425	192.53	UG/L		85
17) METHYL ACETATE	2.155	43	253182	17.45	UG/L	#	80
18) T-BUTYL ALCOHOL	2.331	59	89132	136.09	UG/L	#	67
19) ACRYLONITRILE	2.429	53	57093	18.73	UG/L	#	95
20) METHYLENE CHLORIDE	2.228	49	191084	19.69	UG/L	#	70
21) CARBON DISULFIDE	2.041	76	2257574	194.82	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	279995	17.48	UG/L		91
23) TRANS 1,2-DICHLOROETHENE	2.443	61	148197	20.00	UG/L		86
24) 1,1-DICHLOROETHANE	2.822	63	188439	17.87	UG/L		100
25) VINYL ACETATE	2.883	43	2791620	231.97	UG/L	#	77
26) DI ISOPROPYL ETHER	2.905	45	447967	17.68	UG/L	#	74
27) 2-BUTANONE	3.446	43	846194	202.17	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	445873	16.86	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	237806	19.70	UG/L		94
30) 2,2-DICHLOROPROPANE	3.407	77	120870	15.39	UG/L		99
31) ETHYL ACETATE	3.519	43	200708	19.00	UG/L	#	91
32) BROMOCHLOROMETHANE	3.650	128	60989	18.47	UG/L	#	77
33) TETRAHYDROFURAN	3.711	42	54505	17.75	UG/L	#	86
34) CHLOROFORM	3.742	83	221808	18.96	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	164723	17.50	UG/L		94
36) CYCLOHEXANE	3.960	56	221211	20.04	UG/L	#	87
37) CARBON TETRACHLORIDE	4.074	117	131101	18.46	UG/L		99
38) 1,1-DICHLOROPROPENE	4.077	75	166132	19.86	UG/L		97
39) BENZENE	4.283	78	528724	18.86	UG/L		100
40) T-AMYLMETHYL ETHER	4.425	73	287046	14.86	UG/L	#	74
43) 1,2-DICHLOROETHANE	4.311	62	211022	21.42	UG/L		92
44) TRICHLOROETHENE	4.930	95	132080	20.06	UG/L		94
45) METHYLCYCLOHEXANE	5.108	83	149865	20.81	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.153	63	145327	19.68	UG/L	#	82
47) DIBROMOMETHANE	5.259	93	83838	20.02	UG/L		96

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168015.D
Acq On : 17 Jun 2011 1:11 pm
Operator : LBD/MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 12:17:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

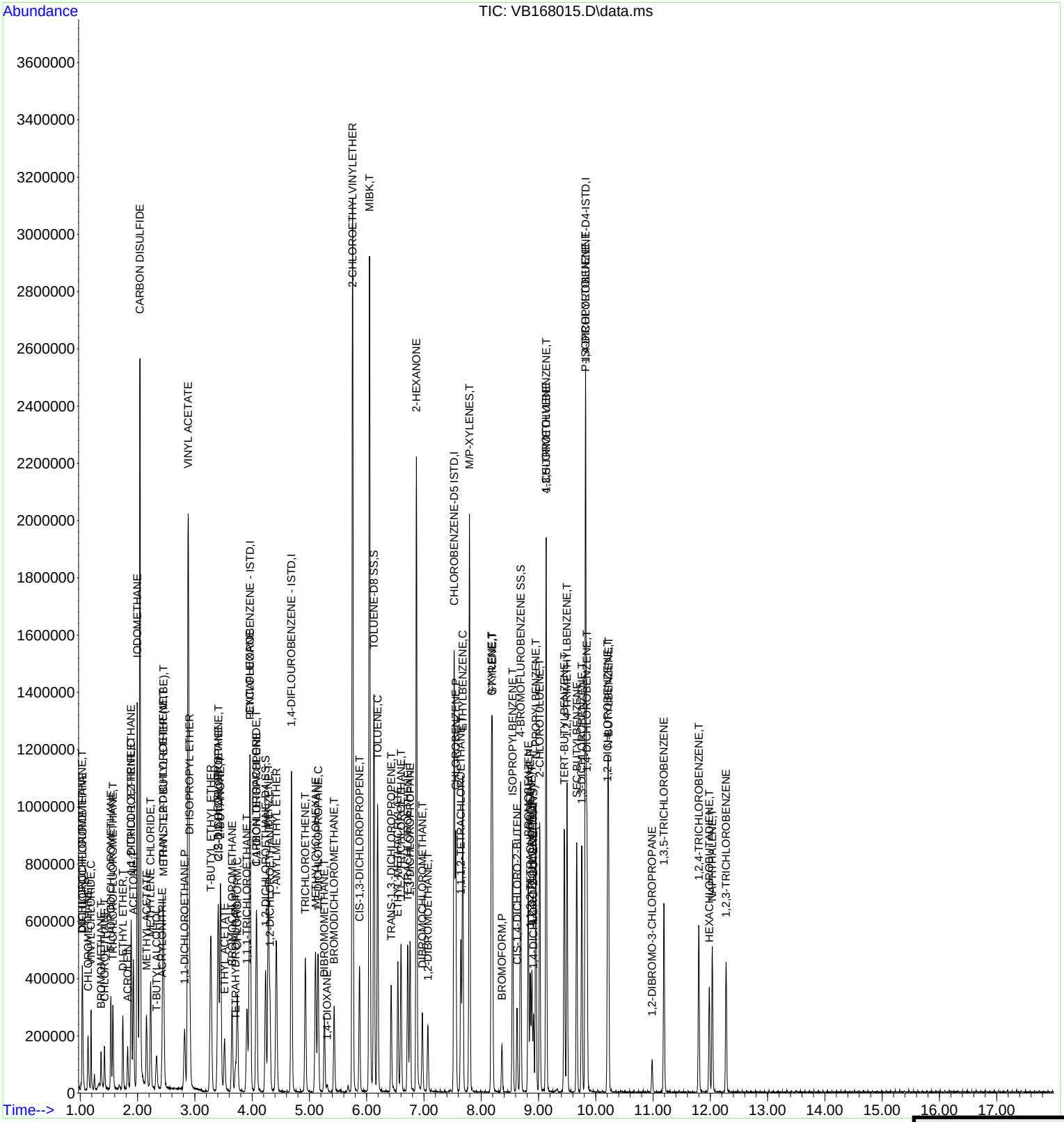
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	8735	134.44	UG/L	#	70
49) BROMODICHLOROMETHANE	5.429	83	156572	19.13	UG/L		98
50) 2-CHLOROETHYLVINYLETHER	5.755	63	1038640	207.24	UG/L	#	50
51) MIBK	6.048	43	1829270	220.56	UG/L	#	71
52) CIS-1,3-DICHLOROPROPENE	5.875	75	175925	18.02	UG/L	#	72
53) TOLUENE	6.190	91	562778	20.01	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	138359	16.48	UG/L	#	72
55) ETHYL METHACRYLATE	6.545	41	159442	21.52	UG/L	#	60
56) 1,1,2-TRICHLOROETHANE	6.600	97	126379	20.58	UG/L		99
57) 2-HEXANONE	6.868	43	1284511	218.99	UG/L	#	71
58) TETRACHLOROETHENE	6.718	164	96681	20.38	UG/L		97
59) 1,3-DICHLOROPROPANE	6.757	76	214735	20.02	UG/L	#	70
60) DIBROMOCHLOROMETHANE	6.971	129	107069	18.19	UG/L		99
61) 1,2-DIBROMOETHANE	7.069	107	126210	20.01	UG/L		99
64) CHLOROBENZENE	7.557	112	367590	21.37	UG/L		95
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	113712	20.46	UG/L		99
66) ETHYLBENZENE	7.677	91	619185	20.90	UG/L		100
67) M/P-XYLENES	7.794	91	970234	43.34	UG/L		87
68) 0-XYLENE	8.179	91	505948	20.62	UG/L		97
69) STYRENE	8.195	104	399785	20.86	UG/L	#	85
70) BROMOFORM	8.363	173	64707	14.50	UG/L		99
71) ISOPROPYLBENZENE	8.547	105	466556	21.11	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	66203	20.92	UG/L	#	57
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	166765	19.94	UG/L		100
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	58326	20.83	UG/L	#	76
75) BROMOBENZENE	8.823	77	255815	20.04	UG/L		92
76) 1,2,3-TRICHLOROPROPANE	8.884	110	49645	21.23	UG/L		99
77) N-PROPYLBENZENE	8.954	91	649736	21.88	UG/L		99
78) 2-CHLOROT0LUENE	9.021	91	423335	21.24	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	465223	21.67	UG/L		98
80) 4-CHLOROTOLUENE	9.132	91	495355	21.35	UG/L		96
82) TERT-BUTYLBENZENE	9.450	119	353720	19.98	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	489517	19.84	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	490184	19.85	UG/L		100
85) 1,3-DICHLOROBENZENE	9.757	146	288853	20.91	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	393026	20.13	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	295770	20.76	UG/L		96
88) N-BUTYLBENZENE	10.223	91	385741	20.23	UG/L		99
89) 1,2-DICHLOROBENZENE	10.206	146	284089	20.83	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	19124	14.79	UG/L		85
91) 1,3,5-TRICHLOROBENZENE	11.188	180	173024	21.85	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	146846	20.53	UG/L		98
93) HEXACHLOROBUTADIENE	11.982	225	64000	24.46	UG/L		97
94) NAPHTHALENE	12.035	128	315372	16.77	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	115494	20.35	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168015.D
Acq On : 17 Jun 2011 1:11 pm
Operator : LBD/MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 12:17:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168016.D
Acq On : 17 Jun 2011 1:42 pm
Operator : LBD/MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 14:12:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	464626	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	751265	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	384056	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	369571	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	251958	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
42) TOLUENE-D8 SS	6.129	98	720798	24.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	298084	24.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	397232	65.97	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	648813	54.23	UG/L		97
5) CHLOROMETHANE	1.135	50	410997	31.86	UG/L		96
6) VINYL CHLORIDE	1.187	62	352285	50.68	UG/L		100
7) BROMOMETHANE	1.369	94	165859	51.98	UG/L		99
8) CHLOROETHANE	1.425	64	170086	47.73	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	482711	53.52	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	391730	58.46	UG/L		100
11) DI ETHYL ETHER	1.742	59	237229	47.79	UG/L	#	78
12) ACROLEIN	1.826	56	211566	305.55	UG/L	#	92
13) ACETONE	1.926	43	1009234	488.48	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.890	61	409955	51.69	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	198690	55.70	UG/L		95
16) IODOMETHANE	1.996	142	3424567	524.02	UG/L		86
17) METHYL ACETATE	2.155	43	619608	42.51	UG/L	#	80
18) T-BUTYL ALCOHOL	2.328	59	227613	345.93	UG/L	#	72
19) ACRYLONITRILE	2.428	53	143456	46.85	UG/L		97
20) METHYLENE CHLORIDE	2.230	49	464708	47.67	UG/L	#	69
21) CARBON DISULFIDE	2.041	76	5692327	488.97	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	710403	44.15	UG/L		92
23) TRANS 1,2-DICHLOROETHENE	2.442	61	372814	50.07	UG/L		86
24) 1,1-DICHLOROETHANE	2.822	63	479563	45.28	UG/L		99
25) VINYL ACETATE	2.883	43	7119424	588.87	UG/L	#	77
26) DI ISOPROPYL ETHER	2.902	45	1106374	43.47	UG/L	#	73
27) 2-BUTANONE	3.446	43	2189784	520.77	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	1173494	44.18	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.410	61	609880	50.30	UG/L		93
30) 2,2-DICHLOROPROPANE	3.404	77	335616	42.53	UG/L		99
31) ETHYL ACETATE	3.516	43	498690	46.99	UG/L	#	90
32) BROMOCHLOROMETHANE	3.647	128	149066	44.94	UG/L	#	75
33) TETRAHYDROFURAN	3.711	42	139266	45.14	UG/L	#	86
34) CHLOROFORM	3.742	83	565883	48.16	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	447043	47.26	UG/L		95
36) CYCLOHEXANE	3.959	56	559713	50.46	UG/L	#	85
37) CARBON TETRACHLORIDE	4.074	117	359174	50.36	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	419281	49.90	UG/L		97
39) BENZENE	4.286	78	1322611	46.97	UG/L		99
40) T-AMYLMETHYL ETHER	4.422	73	775958	40.00	UG/L	#	79
43) 1,2-DICHLOROETHANE	4.311	62	535978	53.93	UG/L		93
44) TRICHLOROETHENE	4.930	95	332544	50.07	UG/L		98
45) METHYLCYCLOHEXANE	5.108	83	386689	53.21	UG/L	#	84
46) 1,2-DICHLOROPROPANE	5.153	63	367884	49.38	UG/L	#	84
47) DIBROMOMETHANE	5.262	93	212298	50.25	UG/L		97

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168016.D
Acq On : 17 Jun 2011 1:42 pm
Operator : LBD/MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 14:12:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

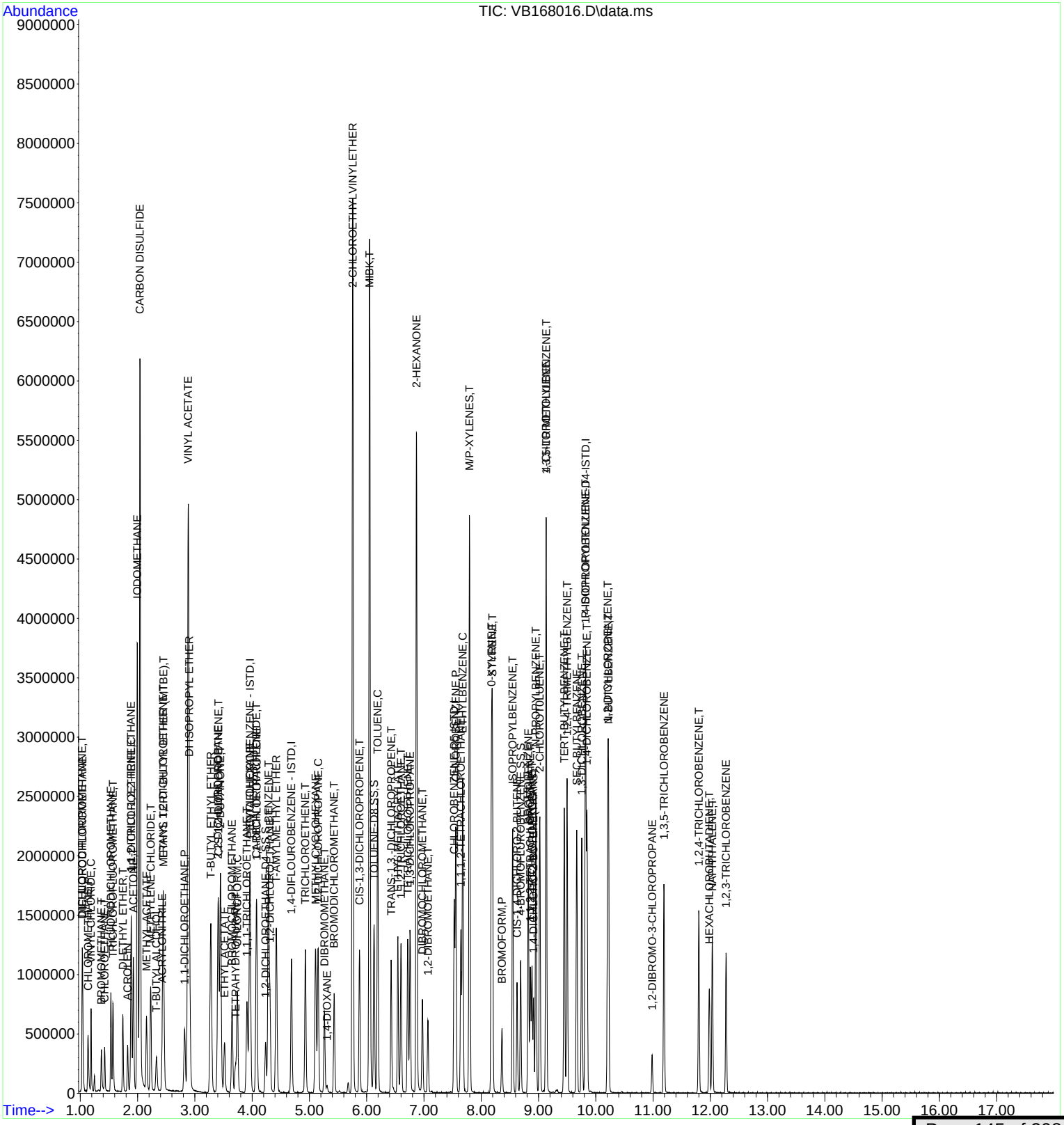
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	22324	340.56	UG/L	#	76
49) BROMODICHLOROMETHANE	5.432	83	427040	51.72	UG/L		100
50) 2-CHLOROETHYLVINYLETHER	5.758	63	2575750	509.41	UG/L	#	49
51) MIBK	6.051	43	4651321	555.89	UG/L	#	70
52) CIS-1,3-DICHLOROPROPENE	5.875	75	492568	50.02	UG/L	#	72
53) TOLUENE	6.193	91	1422408	50.13	UG/L		100
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	415811	49.10	UG/L	#	74
55) ETHYL METHACRYLATE	6.544	41	445339	59.59	UG/L	#	61
56) 1,1,2-TRICHLOROETHANE	6.600	97	316979	51.16	UG/L		100
57) 2-HEXANONE	6.871	43	3342662	564.86	UG/L	#	72
58) TETRACHLOROETHENE	6.717	164	245945	51.39	UG/L		96
59) 1,3-DICHLOROPROPANE	6.756	76	550165	50.84	UG/L	#	73
60) DIBROMOCHLOROMETHANE	6.974	129	310394	52.26	UG/L		99
61) 1,2-DIBROMOETHANE	7.069	107	333490	52.40	UG/L		99
64) CHLOROBENZENE	7.557	112	927711	53.10	UG/L		96
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	307256	54.44	UG/L		99
66) ETHYLBENZENE	7.677	91	1578838	52.48	UG/L		99
67) M/P-XYLENES	7.794	91	2416601	106.30	UG/L		87
68) 0-XYLENE	8.179	91	1301378	52.22	UG/L		97
69) STYRENE	8.195	104	1024083	52.63	UG/L	#	86
70) BROMOFORM	8.363	173	206132	43.08	UG/L		99
71) ISOPROPYLBENZENE	8.549	105	1223479	54.52	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	191033	59.43	UG/L	#	68
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	428018	50.39	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	163167	57.38	UG/L	#	84
75) BROMOBENZENE	8.823	77	648954	50.05	UG/L		94
76) 1,2,3-TRICHLOROPROPANE	8.887	110	123191	51.88	UG/L		100
77) N-PROPYLBENZENE	8.954	91	1667863	55.31	UG/L		100
78) 2-CHLOROT0LUENE	9.024	91	1093158	54.01	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	1168420	53.60	UG/L		97
80) 4-CHLOROTOLUENE	9.132	91	1240403	52.65	UG/L		96
82) TERT-BUTYLBENZENE	9.450	119	920178	50.56	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.500	105	1246085	49.12	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	1282953	50.55	UG/L		100
85) 1,3-DICHLOROBENZENE	9.757	146	747486	52.64	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	1025529	51.11	UG/L		98
87) 1,4-DICHLOROBENZENE	9.846	146	756750	51.67	UG/L		98
88) N-BUTYLBENZENE	10.223	91	987163	50.35	UG/L		99
89) 1,2-DICHLOROBENZENE	10.209	146	729811	52.06	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	56788	42.74	UG/L		89
91) 1,3,5-TRICHLOROBENZENE	11.190	180	456689	56.11	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	392924	53.43	UG/L		98
93) HEXACHLOROBUTADIENE	11.982	225	169276	62.94	UG/L		99
94) NAPHTHALENE	12.035	128	846420	43.78	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	299544	51.33	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168016.D
Acq On : 17 Jun 2011 1:42 pm
Operator : LBD/MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 14:12:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168017.D
Acq On : 17 Jun 2011 2:14 pm
Operator : LBD/MFF
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 20 12:19:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	469067	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.684	114	776154	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	400144	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	371939	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	260044	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
42) TOLUENE-D8 SS	6.132	98	748660	24.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	311802	24.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.12%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	773852	127.29	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	1259087	104.25	UG/L		97
5) CHLOROMETHANE	1.135	50	872508	67.00	UG/L		95
6) VINYL CHLORIDE	1.188	62	683643	97.42	UG/L		99
7) BROMOMETHANE	1.363	94	366303	113.72	UG/L		99
8) CHLOROETHANE	1.425	64	335430	94.57	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	938882	103.11	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	769402	113.73	UG/L		100
11) DI ETHYL ETHER	1.742	59	465395	92.87	UG/L	#	78
12) ACROLEIN	1.826	56	476880	682.20	UG/L	#	95
13) ACETONE	1.927	43	1947067	933.47	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.887	61	806969	100.78	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	384153	106.67	UG/L		96
16) IODOMETHANE	1.996	142	6406972	971.11	UG/L		86
17) METHYL ACETATE	2.155	43	1205002m	81.89	UG/L		
18) T-BUTYL ALCOHOL	2.331	59	456991	687.96	UG/L	#	73
19) ACRYLONITRILE	2.428	53	279695	90.49	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	899855	91.44	UG/L	#	70
21) CARBON DISULFIDE	2.041	76	10615335	903.23	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	1385735	85.31	UG/L		92
23) TRANS 1,2-DICHLOROETHENE	2.445	61	731975	97.38	UG/L		85
24) 1,1-DICHLOROETHANE	2.822	63	941677	88.07	UG/L		100
25) VINYL ACETATE	2.886	43	13396173	1097.56	UG/L	#	77
26) DI ISOPROPYL ETHER	2.905	45	2111145	82.17	UG/L	#	74
27) 2-BUTANONE	3.449	43	4231541	996.81	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	2357604	87.92	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	1182691	96.61	UG/L		93
30) 2,2-DICHLOROPROPANE	3.404	77	699996	87.86	UG/L		99
31) ETHYL ACETATE	3.519	43	980257	91.50	UG/L	#	90
32) BROMOCHLOROMETHANE	3.650	128	285072	85.13	UG/L	#	75
33) TETRAHYDROFURAN	3.708	42	288361	92.57	UG/L	#	86
34) CHLOROFORM	3.742	83	1112329	93.76	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.912	97	928493	97.23	UG/L		97
36) CYCLOHEXANE	3.957	56	1100199	98.25	UG/L	#	85
37) CARBON TETRACHLORIDE	4.074	117	755970	104.98	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	806676	95.09	UG/L		98
39) BENZENE	4.283	78	2585544	90.95	UG/L		100
40) T-AMYLMETHYL ETHER	4.422	73	1562158	79.76	UG/L	#	83
43) 1,2-DICHLOROETHANE	4.311	62	1044601	101.74	UG/L		93
44) TRICHLOROETHENE	4.930	95	657188	95.77	UG/L		97
45) METHYLCYCLOHEXANE	5.108	83	773021	102.97	UG/L	#	84
46) 1,2-DICHLOROPROPANE	5.153	63	739280	96.05	UG/L	#	85
47) DIBROMOMETHANE	5.265	93	420573	96.36	UG/L		96

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168017.D
Acq On : 17 Jun 2011 2:14 pm
Operator : LBD/MFF
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 20 12:19:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

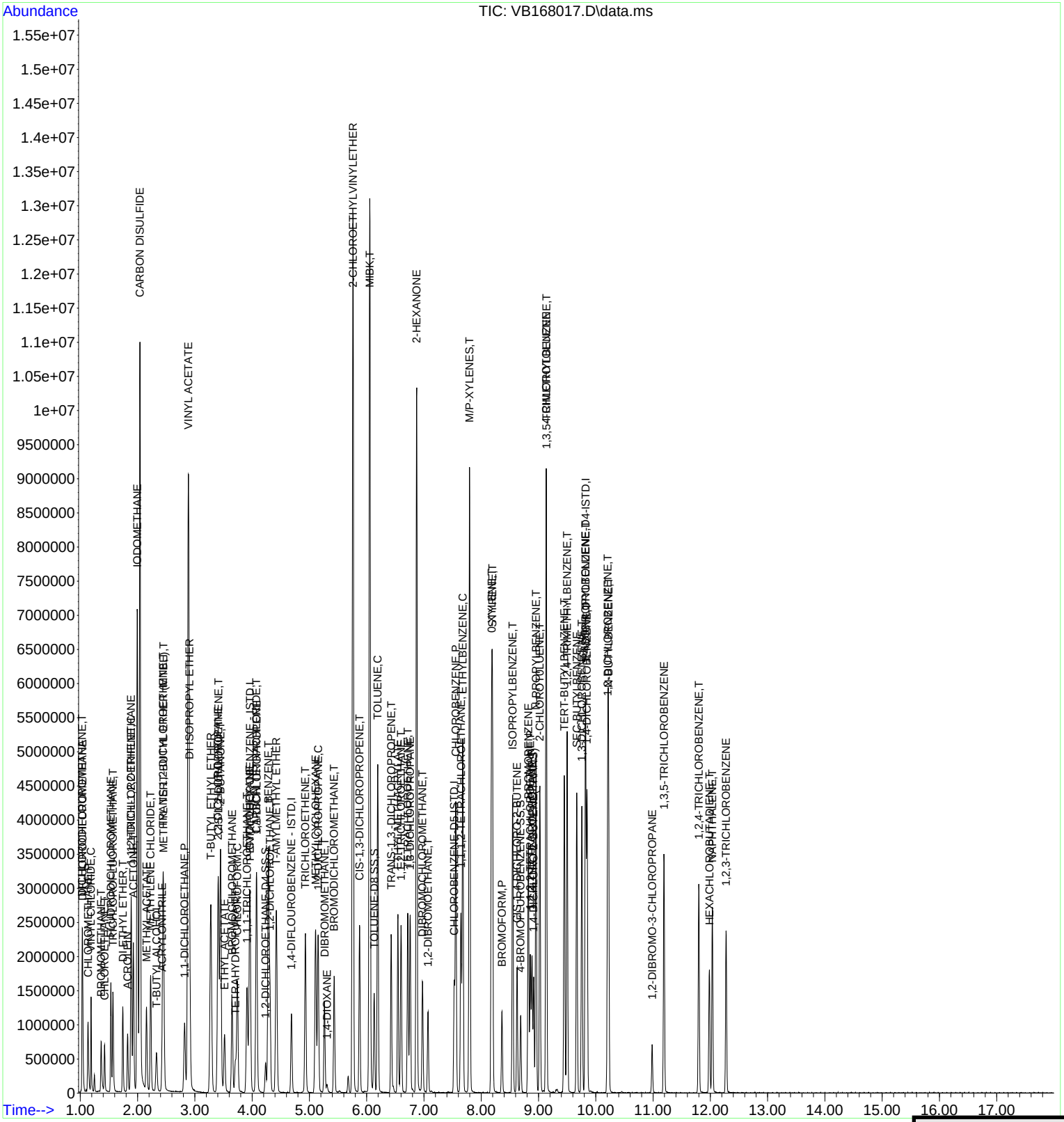
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,4-DIOXANE	5.306	88	50834	750.62 UG/L #	89
49) BROMODICHLOROMETHANE	5.432	83	881787	103.38 UG/L	99
50) 2-CHLOROETHYLVINYLETHER	5.761	63	4657306	891.54 UG/L #	49
51) MIBK	6.054	43	8617823	996.91 UG/L #	71
52) CIS-1,3-DICHLOROPROPENE	5.875	75	995963	97.90 UG/L #	72
53) TOLUENE	6.193	91	2773867	94.62 UG/L	100
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	874765	99.97 UG/L #	75
55) ETHYL METHACRYLATE	6.544	41	896082	116.06 UG/L #	60
56) 1,1,2-TRICHLOROETHANE	6.600	97	616136	96.25 UG/L	99
57) 2-HEXANONE	6.874	43	6299222	1030.34 UG/L #	72
58) TETRACHLOROETHENE	6.717	164	493198	99.74 UG/L	97
59) 1,3-DICHLOROPROPANE	6.759	76	1077110	96.35 UG/L #	73
60) DIBROMOCHLOROMETHANE	6.974	129	660727	107.68 UG/L	99
61) 1,2-DIBROMOETHANE	7.072	107	665394	101.19 UG/L	99
64) CHLOROBENZENE	7.557	112	1829866	100.53 UG/L	97
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	631159	107.33 UG/L	98
66) ETHYLBENZENE	7.677	91	3074318	98.07 UG/L	99
67) M/P-XYLENES	7.797	91	4620083	195.06 UG/L	88
68) 0-XYLENE	8.181	91	2506323	96.53 UG/L	98
69) STYRENE	8.195	104	1970846	97.21 UG/L #	86
70) BROMOFORM	8.363	173	454761	89.98 UG/L	100
71) ISOPROPYLBENZENE	8.550	105	2430905	103.96 UG/L	100
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	394729	117.86 UG/L #	73
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	836329	94.50 UG/L	100
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	343083	115.81 UG/L	88
75) BROMOBENZENE	8.823	77	1271072	94.10 UG/L	94
76) 1,2,3-TRICHLOROPROPANE	8.887	110	246022	99.44 UG/L	99
77) N-PROPYLBENZENE	8.957	91	3279030	104.36 UG/L	100
78) 2-CHLOROT0LUENE	9.024	91	2129622	100.99 UG/L	99
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	2256006	99.32 UG/L	98
80) 4-CHLOROTOLUENE	9.135	91	2377425	96.85 UG/L	97
82) TERT-BUTYLBENZENE	9.450	119	1839800	100.45 UG/L	97
83) 1,2,4-TRIMETHYLBENZENE	9.500	105	2448031	95.88 UG/L	98
84) SEC-BUTYLBENZENE	9.668	105	2550896	99.87 UG/L	100
85) 1,3-DICHLOROBENZENE	9.757	146	1470263	102.89 UG/L	98
86) P-ISOPROPYLTOLUENE	9.818	119	2093659	103.68 UG/L	98
87) 1,4-DICHLOROBENZENE	9.846	146	1496025	101.50 UG/L	98
88) N-BUTYLBENZENE	10.223	91	1951764	98.92 UG/L	99
89) 1,2-DICHLOROBENZENE	10.209	146	1434073	101.64 UG/L	98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	126832	94.84 UG/L	90
91) 1,3,5-TRICHLOROBENZENE	11.190	180	930036	113.54 UG/L	99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	798654	107.91 UG/L	98
93) HEXACHLOROBUTADIENE	11.985	225	337017	124.52 UG/L	99
94) NAPHTHALENE	12.035	128	1731145	88.98 UG/L	99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	606057	103.20 UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168017.D
Acq On : 17 Jun 2011 2:14 pm
Operator : LBD/MFF
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 20 12:19:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168018.D
Acq On : 17 Jun 2011 2:45 pm
Operator : LBD/MFF
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 12:20:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	480555	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	814387	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	419066	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.827	152	384599	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	270487	25.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.92%				
42) TOLUENE-D8 SS	6.135	98	781099	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
63) 4-BROMOFLUROBENZENE SS	8.692	95	332236	24.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	1452613	233.23	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	2434127	196.72	UG/L		97
5) CHLOROMETHANE	1.134	50	1890442	141.70	UG/L		96
6) VINYL CHLORIDE	1.187	62	1326423	184.50	UG/L		99
7) BROMOMETHANE	1.358	94	525018	159.09	UG/L		97
8) CHLOROETHANE	1.416	64	628782	174.20	UG/L		99
9) FLUORODICHLOROMETHANE	1.530	67	1848285	198.14	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.567	101	1515115	218.60	UG/L		100
11) DI ETHYL ETHER	1.742	59	943800	183.83	UG/L	#	78
12) ACROLEIN	1.826	56	1191665	1663.99	UG/L		95
13) ACETONE	1.926	43	3851266	1802.26	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.887	61	1574114	191.89	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	746885	202.44	UG/L		96
16) IODOMETHANE	1.993	142	11891483	1759.31	UG/L	#	84
17) METHYL ACETATE	2.155	43	2492762	165.36	UG/L	#	81
18) T-BUTYL ALCOHOL	2.336	59	972246	1428.64	UG/L	#	77
19) ACRYLONITRILE	2.428	53	549125	173.40	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	1792323	177.78	UG/L	#	70
21) CARBON DISULFIDE	2.032	76	15792649	1311.62	UG/L	#	80
22) METHYL TERT-BUTYL ETHE...	2.451	73	2781666	167.15	UG/L		93
23) TRANS 1,2-DICHLOROETHENE	2.442	61	1426797	185.27	UG/L		86
24) 1,1-DICHLOROETHANE	2.822	63	1905389	173.93	UG/L		99
25) VINYL ACETATE	2.880	43	21435044	1714.20	UG/L	#	80
26) DI ISOPROPYL ETHER	2.908	45	4039537	153.46	UG/L	#	74
27) 2-BUTANONE	3.452	43	8413253	1934.51	UG/L	#	86
28) T-BUTYL ETHYL ETHER	3.279	59	4852672	176.63	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	2333067	186.03	UG/L		92
30) 2,2-DICHLOROPROPANE	3.404	77	1469029	179.98	UG/L		98
31) ETHYL ACETATE	3.519	43	2019167	183.97	UG/L	#	91
32) BROMOCHLOROMETHANE	3.653	128	558553	162.82	UG/L	#	76
33) TETRAHYDROFURAN	3.708	42	591925	185.48	UG/L	#	86
34) CHLOROFORM	3.742	83	2247642	184.93	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	1903013	194.52	UG/L		97
36) CYCLOHEXANE	3.957	56	2172185	189.35	UG/L	#	85
37) CARBON TETRACHLORIDE	4.071	117	1544981	209.43	UG/L		100
38) 1,1-DICHLOROPROPENE	4.079	75	1576225	181.36	UG/L		98
39) BENZENE	4.286	78	5039184	173.02	UG/L		100
40) T-AMYLMETHYL ETHER	4.422	73	3261957	162.57	UG/L	#	87
43) 1,2-DICHLOROETHANE	4.314	62	2093719	194.34	UG/L		93
44) TRICHLOROETHENE	4.930	95	1304662	181.20	UG/L		99
45) METHYLCYCLOHEXANE	5.108	83	1517942	192.70	UG/L	#	84
46) 1,2-DICHLOROPROPANE	5.153	63	1462080	181.04	UG/L	#	86
47) DIBROMOMETHANE	5.262	93	851064	185.84	UG/L		98

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168018.D
Acq On : 17 Jun 2011 2:45 pm
Operator : LBD/MFF
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 12:20:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

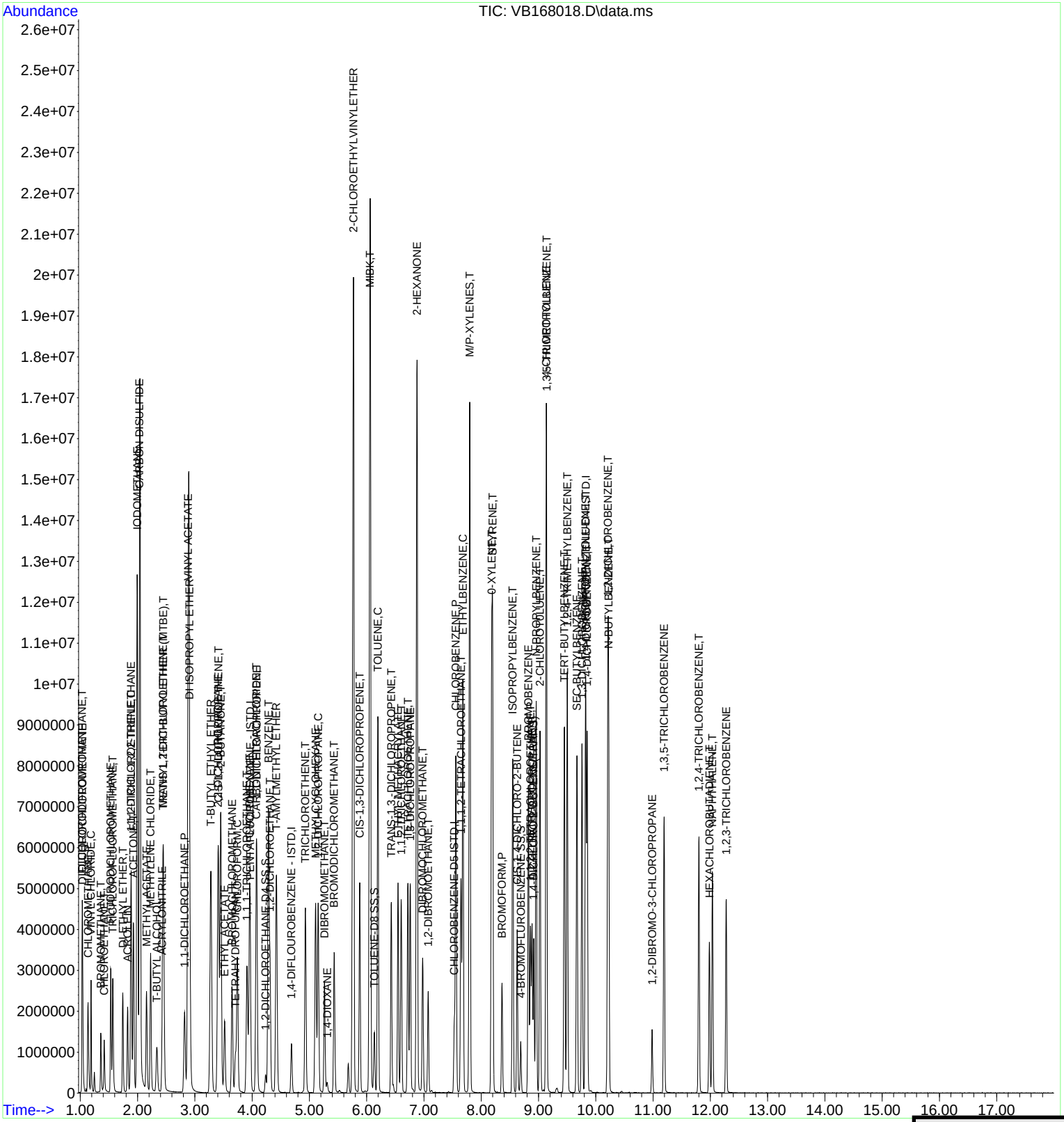
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.312	88	111193	1564.80	UG/L	#	91
49) BROMODICHLOROMETHANE	5.432	83	1827802	204.23	UG/L		100
50) 2-CHLOROETHYLVINYLETHER	5.769	63	8373113	1527.61	UG/L	#	52
51) MIBK	6.059	43	15479285	1706.58	UG/L	#	73
52) CIS-1,3-DICHLOROPROPENE	5.878	75	2061039	193.08	UG/L	#	71
53) TOLUENE	6.196	91	5418930	176.16	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.430	75	1846109	201.08	UG/L	#	75
55) ETHYL METHACRYLATE	6.547	41	1835712	226.60	UG/L	#	60
56) 1,1,2-TRICHLOROETHANE	6.603	97	1234504	183.79	UG/L		99
57) 2-HEXANONE	6.879	43	11803281	1839.98	UG/L	#	73
58) TETRACHLOROETHENE	6.720	164	1004970	193.70	UG/L		99
59) 1,3-DICHLOROPROPANE	6.762	76	2121937	180.90	UG/L	#	72
60) DIBROMOCHLOROMETHANE	6.977	129	1409229	218.88	UG/L		100
61) 1,2-DIBROMOETHANE	7.074	107	1350867	195.79	UG/L		100
64) CHLOROBENZENE	7.557	112	3670897	192.57	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	1308782	212.52	UG/L		99
66) ETHYLBENZENE	7.679	91	6028938	183.65	UG/L		100
67) M/P-XYLENES	7.799	91	8799829	354.75	UG/L		89
68) 0-XYLENE	8.181	91	4909167	180.53	UG/L		98
69) STYRENE	8.198	104	3850608	181.34	UG/L	#	86
70) BROMOFORM	8.363	173	1025952	192.54	UG/L		100
71) ISOPROPYLBENZENE	8.549	105	4830299	197.25	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	838476	239.06	UG/L	#	78
73) 1,1,2,2-TETRACHLOROETHANE	8.859	83	1709219	184.41	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	732287	236.02	UG/L		91
75) BROMOBENZENE	8.823	77	2535290	179.21	UG/L		97
76) 1,2,3-TRICHLOROPROPANE	8.887	110	495574	191.25	UG/L		99
77) N-PROPYLBENZENE	8.959	91	6477136	196.84	UG/L		99
78) 2-CHLOROT0LUENE	9.026	91	4280503	193.83	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.141	105	4421469	185.87	UG/L		98
80) 4-CHLOROTOLUENE	9.135	91	4616175	179.56	UG/L		97
82) TERT-BUTYLBENZENE	9.453	119	3742566	197.62	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.503	105	4879811	184.84	UG/L		99
84) SEC-BUTYLBENZENE	9.671	105	5103734	193.24	UG/L		99
85) 1,3-DICHLOROBENZENE	9.760	146	3019655	204.35	UG/L		98
86) P-ISOPROPYLTOLUENE	9.821	119	4247621	203.42	UG/L		98
87) 1,4-DICHLOROBENZENE	9.849	146	3066423	201.19	UG/L		98
88) N-BUTYLBENZENE	10.225	91	3819787	187.22	UG/L		99
89) 1,2-DICHLOROBENZENE	10.211	146	2914496	199.77	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	283522	205.03	UG/L		91
91) 1,3,5-TRICHLOROBENZENE	11.193	180	1893095	223.50	UG/L		100
92) 1,2,4-TRICHLOROBENZENE	11.801	180	1643615	214.77	UG/L		99
93) HEXACHLOROBUTADIENE	11.985	225	704200	251.62	UG/L		100
94) NAPHTHALENE	12.035	128	3533673	175.65	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.278	180	1250217	205.88	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168018.D
Acq On : 17 Jun 2011 2:45 pm
Operator : LBD/MFF
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 12:20:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168021.D
Acq On : 17 Jun 2011 4:19 pm
Operator : LBD/MFF
Sample : B032198-BS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 14:20:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	462453	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	745313	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	377671	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	358682	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	255693	24.69	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.76%				
42) TOLUENE-D8 SS	6.126	98	719670	25.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	287923	24.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	61141	8.24	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	73322	5.78	UG/L		99
5) CHLOROMETHANE	1.135	50	58478	6.52	UG/L		97
6) VINYL CHLORIDE	1.188	62	55463	8.18	UG/L		98
7) BROMOMETHANE	1.372	94	17098	5.00	UG/L		88
8) CHLOROETHANE	1.428	64	30195	8.53	UG/L		97
9) FLUORODICHLOROMETHANE	1.536	67	71526	7.59	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.573	101	68855	9.00	UG/L		98
11) DI ETHYL ETHER	1.743	59	47402	9.80	UG/L		99
12) ACROLEIN	1.826	56	19716	40.61	UG/L	#	100
13) ACETONE	1.927	43	281098	125.51	UG/L		100
14) 1,1-DICHLOROETHENE	1.890	61	80000	9.86	UG/L		98
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	37964	9.42	UG/L		98
16) IODOMETHANE	2.002	142	110181	5.94	UG/L		88
17) METHYL ACETATE	2.158	43	85364	6.29	UG/L		99
18) T-BUTYL ALCOHOL	2.334	59	37674	75.43	UG/L	#	90
19) ACRYLONITRILE	2.431	53	25482	8.20	UG/L		97
20) METHYLENE CHLORIDE	2.228	49	96109	10.00	UG/L		99
21) CARBON DISULFIDE	2.041	76	111646	11.12	UG/L		95
22) METHYL TERT-BUTYL ETHE...	2.454	73	134664	9.32	UG/L		99
23) TRANS 1,2-DICHLOROETHENE	2.445	61	80299	10.74	UG/L		99
24) 1,1-DICHLOROETHANE	2.822	63	94200	9.85	UG/L		98
25) VINYL ACETATE	2.883	43	1303395	94.41	UG/L		96
26) DI ISOPROPYL ETHER	2.906	45	205262	9.06	UG/L		100
27) 2-BUTANONE	3.449	43	436902	100.87	UG/L		100
28) T-BUTYL ETHYL ETHER	3.279	59	183024	8.32	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	113170	9.59	UG/L		97
30) 2,2-DICHLOROPROPANE	3.402	77	56209	9.63	UG/L		98
31) ETHYL ACETATE	3.516	43	75884	7.18	UG/L		99
32) BROMOCHLOROMETHANE	3.647	128	31452	10.61	UG/L		99
33) TETRAHYDROFURAN	3.711	42	23365	7.81	UG/L	#	61
34) CHLOROFORM	3.739	83	111848	10.10	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.912	97	80097	10.22	UG/L		95
36) CYCLOHEXANE	3.960	56	111743	9.76	UG/L		94
37) CARBON TETRACHLORIDE	4.068	117	63857	9.31	UG/L		100
38) 1,1-DICHLOROPROPENE	4.074	75	82368	10.20	UG/L		100
39) BENZENE	4.283	78	261114	10.15	UG/L		100
40) T-AMYLMETHYL ETHER	4.423	73	133173	9.46	UG/L	#	86
43) 1,2-DICHLOROETHANE	4.311	62	104834	9.96	UG/L		97
44) TRICHLOROETHENE	4.927	95	65480	10.28	UG/L		100
45) METHYLCYCLOHEXANE	5.106	83	66982	9.52	UG/L		99
46) 1,2-DICHLOROPROPANE	5.150	63	72588	10.20	UG/L		97
47) DIBROMOMETHANE	5.262	93	41966	10.42	UG/L		98

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168021.D
Acq On : 17 Jun 2011 4:19 pm
Operator : LBD/MFF
Sample : B032198-BS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 14:20:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

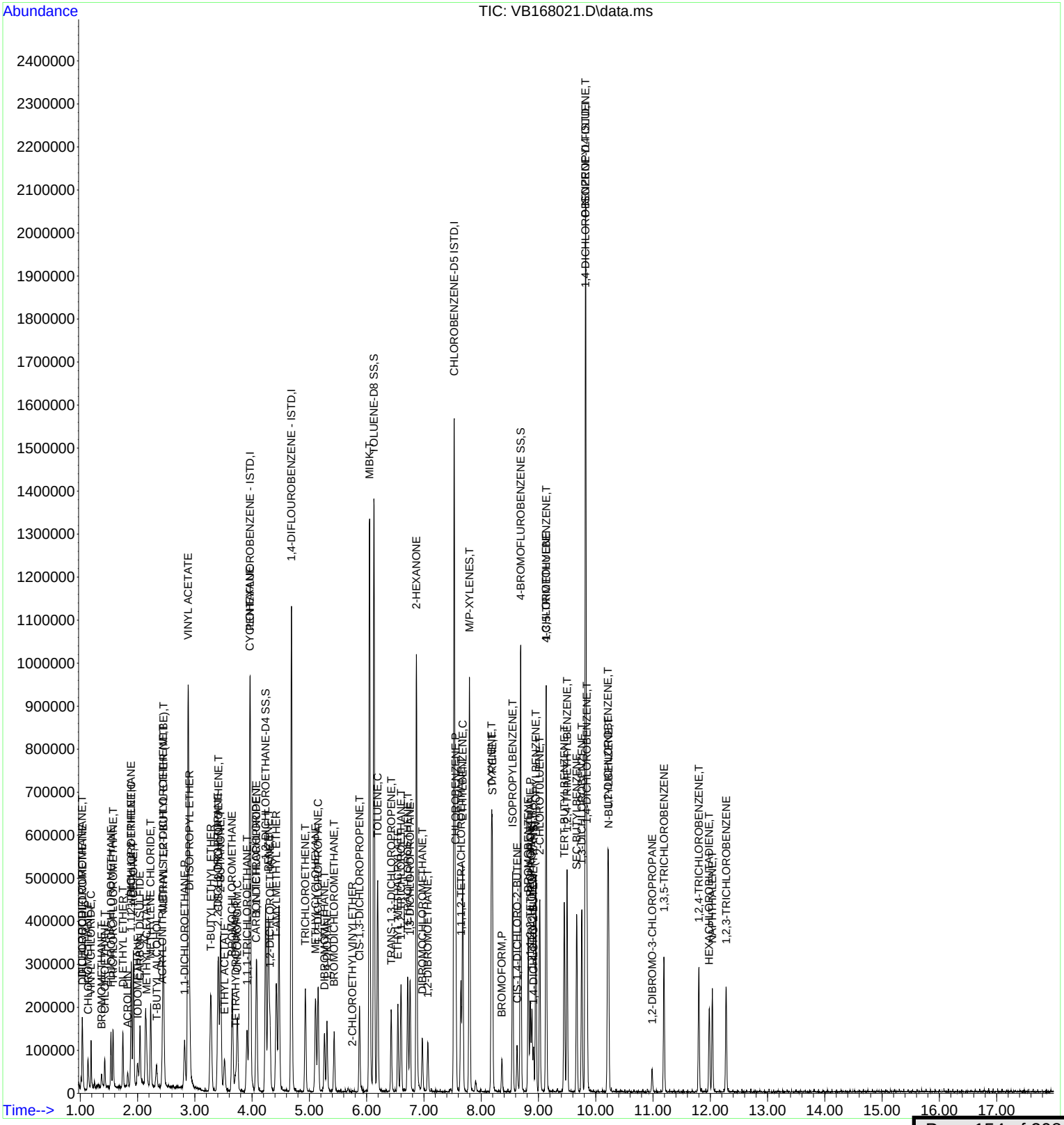
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,4-DIOXANE	5.309	88	3759	78.44 UG/L #	55
49) BROMODICHLOROMETHANE	5.432	83	70531	10.96 UG/L	99
50) 2-CHLOROETHYLVINYLETHER	5.750	63	975	0.20 UG/L	98
51) MIBK	6.048	43	839624	95.86 UG/L	96
52) CIS-1,3-DICHLOROPROPENE	5.875	75	78445	8.69 UG/L	98
53) TOLUENE	6.191	91	280772	10.39 UG/L	99
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	66663	9.25 UG/L	96
55) ETHYL METHACRYLATE	6.545	41	70168	8.99 UG/L	97
56) 1,1,2-TRICHLOROETHANE	6.600	97	62490	10.17 UG/L	99
57) 2-HEXANONE	6.868	43	602055	99.24 UG/L	98
58) TETRACHLOROETHENE	6.715	164	50016	10.58 UG/L	98
59) 1,3-DICHLOROPROPANE	6.759	76	104952	9.78 UG/L	98
60) DIBROMOCHLOROMETHANE	6.974	129	46928	10.48 UG/L	99
61) 1,2-DIBROMOETHANE	7.066	107	62100	10.23 UG/L	99
64) CHLOROBENZENE	7.554	112	181352	10.26 UG/L	95
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	54319	10.16 UG/L	98
66) ETHYLBENZENE	7.677	91	303960	10.56 UG/L	100
67) M/P-XYLENES	7.794	91	479424	21.84 UG/L	99
68) 0-XYLENE	8.179	91	249979	11.01 UG/L	100
69) STYRENE	8.196	104	192254	10.91 UG/L	99
70) BROMOFORM	8.357	173	27233	8.56 UG/L	97
71) ISOPROPYLBENZENE	8.550	105	261801	12.44 UG/L	99
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	21742	6.91 UG/L #	70
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	79345	9.53 UG/L	99
74) 1,4-DICHLORO-2-BUTENE(...	8.909	53	22511	7.94 UG/L #	79
75) BROMOBENZENE	8.820	77	122799	9.98 UG/L	95
76) 1,2,3-TRICHLOROPROPANE	8.882	110	22800	9.02 UG/L	78
77) N-PROPYLBENZENE	8.954	91	316662	10.56 UG/L	98
78) 2-CHLOROT0LUENE	9.024	91	210469	10.54 UG/L	99
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	217695	10.50 UG/L	99
80) 4-CHLOROTOLUENE	9.133	91	249288	11.03 UG/L	100
82) TERT-BUTYLBENZENE	9.450	119	167699	10.43 UG/L	96
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	234816	10.80 UG/L	98
84) SEC-BUTYLBENZENE	9.665	105	236375	10.69 UG/L	98
85) 1,3-DICHLOROBENZENE	9.757	146	144022	10.31 UG/L	99
86) P-ISOPROPYLTOLUENE	9.819	119	197050	10.60 UG/L	98
87) 1,4-DICHLOROBENZENE	9.846	146	147103	9.94 UG/L	97
88) N-BUTYLBENZENE	10.223	91	181725	10.66 UG/L	99
89) 1,2-DICHLOROBENZENE	10.212	146	138104	9.96 UG/L	98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	8380	9.42 UG/L	95
91) 1,3,5-TRICHLOROBENZENE	11.191	180	78983	9.45 UG/L	99
92) 1,2,4-TRICHLOROBENZENE	11.801	180	72082	9.50 UG/L	99
93) HEXACHLOROBUTADIENE	11.980	225	37565	11.69 UG/L	98
94) NAPHTHALENE	12.036	128	144547	9.15 UG/L	100
95) 1,2,3-TRICHLOROBENZENE	12.278	180	63013	10.32 UG/L	98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168021.D
Acq On : 17 Jun 2011 4:19 pm
Operator : LBD/MFF
Sample : B032198-BS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 14:20:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB223003.D	Calibration Date:	07/27/11 15:03
Sequence:	S001080	Injection Date:	08/11/11
Lab Sample ID:	S001080-CCV1	Injection Time:	13:02

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	114	0.1452923	0.1658217		14.1	20	
Acrylonitrile	A	10.0	10.5	0.201569	0.2124358		5.4	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	8.26	0.9133338	0.7548516		-17.4	20	
Benzene	A	10.0	9.71	1.669467	1.621078		-2.9	20	
Bromobenzene	A	10.0	10.2	0.9777632	0.998698		2.1	20	
Bromochloromethane	A	10.0	10.9	0.1923549	0.2096132		9.0	20	
Bromodichloromethane	A	10.0	11.6	0.25899	0.3000703		15.9	20	
Bromoform	L	10.0	9.56	0.2281527	0.2529325		-4.4	20	
Bromomethane	A	10.0	11.8	0.2216584	0.2609589		17.7	20	
2-Butanone (MEK)	A	100	105	0.2809751	0.294362		4.8	20	
tert-Butyl Alcohol (TBA)	A	100	118	3.239931E-02	3.829705E-02		18.2	20	
n-Butylbenzene	A	10.0	10.1	1.425837	1.439189		0.9	20	
sec-Butylbenzene	A	10.0	9.81	1.849629	1.813582		-1.9	20	
tert-Butylbenzene	A	10.0	9.55	1.345063	1.284429		-4.5	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.37	1.426552	1.193391		-16.3	20	
Carbon Disulfide	A	100	123	0.6515737	0.801187		23.0	20	*
Carbon Tetrachloride	A	10.0	9.87	0.4450766	0.4392001		-1.3	20	
Chlorobenzene	A	10.0	11.0	1.403769	1.538138		9.6	20	
Chlorodibromomethane	A	10.0	11.5	0.1801905	0.2079722		15.4	20	
Chloroethane	A	10.0	10.8	0.2296499	0.2489574		8.4	20	
Chloroform	A	10.0	10.1	0.7187301	0.7228045		0.6	20	
Chloromethane	A	10.0	10.7	0.5815776	0.6218368		6.9	20	
2-Chlorotoluene	A	10.0	11.1	1.586037	1.762124		11.1	20	
4-Chlorotoluene	A	10.0	11.4	1.795125	2.039872		13.6	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB223003.D	Calibration Date:	07/27/11 15:03
Sequence:	S001080	Injection Date:	08/11/11
Lab Sample ID:	S001080-CCV1	Injection Time:	13:02

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.6	7.444275E-02	7.900679E-02		6.1	20	
1,2-Dibromoethane (EDB)	A	10.0	10.7	0.2443295	0.2616984		7.1	20	
Dibromomethane	A	10.0	11.2	0.1621583	0.1819624		12.2	20	
1,2-Dichlorobenzene	A	10.0	10.1	1.159424	1.166436		0.6	20	
1,3-Dichlorobenzene	A	10.0	10.2	1.168051	1.186848		1.6	20	
1,4-Dichlorobenzene	A	10.0	9.91	1.237775	1.226036		-0.9	20	
trans-1,4-Dichloro-2-butene	A	10.0	11.4	0.2252608	0.256444		13.8	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	9.93	0.48164	0.4781206		-0.7	20	
1,1-Dichloroethane	A	10.0	10.7	0.6201722	0.665002		7.2	20	
1,2-Dichloroethane	A	10.0	10.9	0.4234997	0.4600834		8.6	20	
1,1-Dichloroethylene	A	10.0	11.4	0.5264971	0.6009294		14.1	20	
cis-1,2-Dichloroethylene	A	10.0	9.72	0.7658819	0.7444876		-2.8	20	
trans-1,2-Dichloroethylene	A	10.0	11.1	0.4848706	0.5401319		11.4	20	
1,2-Dichloropropane	A	10.0	10.1	0.2864455	0.2902657		1.3	20	
1,3-Dichloropropane	A	10.0	9.89	0.4319773	0.4272335		-1.1	20	
2,2-Dichloropropane	A	10.0	10.6	0.3787333	0.4005526		5.8	20	
1,1-Dichloropropene	A	10.0	9.71	0.5237433	0.5084295		-2.9	20	
cis-1,3-Dichloropropene	L	10.0	8.77	0.3100981	0.3186481		-12.3	20	
trans-1,3-Dichloropropene	L	10.0	8.62	0.2432209	0.2468158		-13.8	20	
Diethyl Ether	A	10.0	10.2	0.3137275	0.3213255		2.4	20	
Diisopropyl Ether (DIPE)	A	10.0	10.6	1.469231	1.552172		5.6	20	
1,4-Dioxane	A	100	156	1.928818E-03	2.999639E-03		55.5	20	*
Ethylbenzene	A	10.0	10.8	2.286557	2.47515		8.2	20	
Hexachlorobutadiene	A	10.0	9.74	0.2687136	0.2616191		-2.6	20	
2-Hexanone (MBK)	A	100	115	0.2441964	0.2802258		14.8	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB223003.D	Calibration Date:	07/27/11 15:03
Sequence:	S001080	Injection Date:	08/11/11
Lab Sample ID:	S001080-CCV1	Injection Time:	13:02

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.4	1.671789	1.739262		4.0	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.86	1.554926	1.533909		-1.4	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.80	0.9371012	0.9186206		-2.0	20	
Methylene Chloride	A	10.0	11.6	0.6234838	0.7225244		15.9	20	
4-Methyl-2-pentanone (MIBK)	A	100	113	0.3525659	0.3968551		12.6	20	
Naphthalene	A	10.0	7.39	1.321474	0.9770131		-26.1	20	*
n-Propylbenzene	A	10.0	10.8	2.381649	2.564957		7.7	20	
Styrene	A	10.0	11.4	1.399753	1.5976		14.1	20	
1,1,1,2-Tetrachloroethane	A	10.0	11.1	0.424554	0.4714822		11.1	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.7	0.6611161	0.7049136		6.6	20	
Tetrachloroethylene	A	10.0	11.2	0.1903287	0.2131289		12.0	20	
Tetrahydrofuran	A	10.0	8.89	0.1941693	0.1726534		-11.1	20	
Toluene	A	10.0	10.4	1.087647	1.136015		4.4	20	
1,2,3-Trichlorobenzene	A	10.0	8.13	0.5108128	0.4150439		-18.7	20	
1,2,4-Trichlorobenzene	A	10.0	7.67	0.6346014	0.4864635		-23.3	20	*
1,3,5-Trichlorobenzene	A	10.0	8.87	0.6991139	0.6202714		-11.3	20	
1,1,1-Trichloroethane	A	10.0	10.4	0.5084648	0.5273403		3.7	20	
1,1,2-Trichloroethane	A	10.0	10.4	0.2473233	0.2576378		4.2	20	
Trichloroethylene	A	10.0	10.5	0.2565092	0.2700323		5.3	20	
Trichlorofluoromethane (Freon 11)	A	10.0	11.6	0.4960794	0.5769838		16.3	20	
1,2,3-Trichloropropane	A	10.0	10.2	0.2007954	0.2039497		1.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.7	0.2613222	0.2806741		7.4	20	
1,2,4-Trimethylbenzene	A	10.0	10.6	1.818957	1.936576		6.5	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0373
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB223003.D	Calibration Date:	07/27/11 15:03
Sequence:	S001080	Injection Date:	08/11/11
Lab Sample ID:	S001080-CCV1	Injection Time:	13:02

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	11.4	1.646985	1.881619		14.2	20
Vinyl Chloride	A	10.0	10.3	0.4396236	0.4511154		2.6	20
m+p Xylene	A	20.0	23.0	1.743776	2.00218		14.8	20
o-Xylene	A	10.0	10.9	1.803451	1.967839		9.1	20
1,2-Dichloroethane-d4	A	25.0	24.8	0.6718652	0.666065		-0.9	
Toluene-d8	A	25.0	25.0	1.158452	1.156342		-0.2	
4-Bromofluorobenzene	A	25.0	26.5	0.9177798	0.972679		6.0	

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

* Values outside of QC limits

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\081111\
Data File : VB223003.D
Acq On : 11 Aug 2011 1:02 pm
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 12 2011

Quant Time: Aug 12 08:05:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	PENTAFLUOROBENZENE - ISTD	1.000	1.000	0.0	92	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	0.672	0.666	0.9	92	0.00
3	T	DICHLORODIFLOUROMETHANE	0.482	0.478	0.8	87	0.00
4		DIFLUOROCHLOROMETHANE	0.822	0.775	5.7	85	0.00
5	P	CHLOROMETHANE	0.582	0.622	-6.9	110	0.00
6	C	VINYL CHLORIDE	0.440	0.451	-2.5	92	0.00
7	T	BROMOMETHANE	0.222	0.261	-17.6	115	0.00
8	T	CHLOROETHANE	0.230	0.249	-8.3	99	0.00
9		FLUORODICHLOROMETHANE	0.612	0.704	-15.0	102	0.00
10	T	TRICHLOROFLUOROMETHANE	0.496	0.577	-16.3	102	0.00
11	T	DI ETHYL ETHER	0.314	0.321	-2.2	97	0.00
12		ACROLEIN	0.031	0.045#	-45.2#	147	0.00
13	T	ACETONE	0.145	0.166	-14.5	108	0.00
14	C	1,1-DICHLOROETHENE	0.526	0.601	-14.3	102	0.00
15		1,1,2-TRICL-1,2,2-TRIFLETHA	0.261	0.281	-7.7	101	0.00
16		IODOMETHANE	0.385	0.435	-13.0	108	0.00
17		METHYL ACETATE	0.881	0.932	-5.8	102	0.00
18		T-BUTYL ALCOHOL	0.032	0.038#	-18.7	110	0.00
19		ACRYLONITRILE	0.202	0.212	-5.0	99	0.00
20	T	METHYLENE CHLORIDE	0.623	0.723	-16.1	100	0.00
21		CARBON DISULFIDE	0.652	0.801	-22.9#	99	0.00
22	T	METHYL TERT-BUTYL ETHER (MT	0.937	0.919	1.9	90	0.00
23	T	TRANS 1,2-DICHLOROETHENE	0.485	0.540	-11.3	99	0.00
24	P	1,1-DICHLOROETHANE	0.620	0.665	-7.3	98	0.00
25		VINYL ACETATE	0.896	1.034	-15.4	103	0.00
26		DI ISOPROPYL ETHER	1.469	1.552	-5.7	96	0.00
27	T	2-BUTANONE	0.281	0.294	-4.6	94	0.00
28		T-BUTYL ETHYL ETHER	1.427	1.193	16.4	76	0.00
29	T	CIS-1,2-DICHLOROETHENE	0.766	0.744	2.9	87	0.00
30		2,2-DICHLOROPROPANE	0.379	0.401	-5.8	95	0.00
31		ETHYL ACETATE	0.686	0.700	-2.0	95	0.00
32		BROMOCHLOROMETHANE	0.192	0.210	-9.4	95	0.00
33	T	TETRAHYDROFURAN	0.194	0.173	10.8	88	0.00
34	C	CHLOROFORM	0.719	0.723	-0.6	89	0.00
35	T	1,1,1-TRICHLOROETHANE	0.508	0.527	-3.7	91	0.00
36		CYCLOHEXANE	0.742	0.699	5.8	83	0.00
37	T	CARBON TETRACHLORIDE	0.445	0.439	1.3	97	0.00
38		1,1-DICHLOROPROPENE	0.524	0.508	3.1	87	0.00
39	T	BENZENE	1.669	1.621	2.9	86	0.00
40		T-AMYLMETHYL ETHER	0.913	0.755	17.3	75	0.00
41	I	1,4-DIFLOUROBENZENE - ISTD	1.000	1.000	0.0	89	0.00
42	S	TOLUENE-D8 SS	1.158	1.156	0.2	89	0.00
43	T	1,2-DICHLOROETHANE	0.423	0.460	-8.7	93	0.00
44	T	TRICHLOROETHENE	0.257	0.270	-5.1	90	0.00
45		METHYLCYCLOHEXANE	0.283	0.266	6.0	78	0.00
46	C	1,2-DICHLOROPROPANE	0.286	0.290	-1.4	85	0.00

Data Path : C:\MSDCHEM\1\DATA\081111\
Data File : VB223003.D
Acq On : 11 Aug 2011 1:02 pm
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 12 08:05:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	DIBROMOMETHANE	0.162	0.182	-12.3	95	0.00
48		1,4-DIOXANE	0.002	0.003#	-50.0#	131	0.00
49	T	BROMODICHLOROMETHANE	0.259	0.300	-15.8	91	0.00
50		2-CHLOROETHYLVINYLETHER	0.195	0.211	-8.2	85	0.00
51	T	MIBK	0.353	0.397	-12.5	91	0.00
52	T	CIS-1,3-DICHLOROPROPENE	0.310	0.319	-2.9	84	0.00
53	C	TOLUENE	1.088	1.136	-4.4	88	0.00
54	T	TRANS-1,3,-DICHLOROPROPENE	0.243	0.247	-1.6	88	0.00
55		ETHYL METHACRYLATE	0.314	0.296	5.7	86	0.00
56	T	1,1,2-TRICHLOROETHANE	0.247	0.258	-4.5	89	0.00
57		2-HEXANONE	0.244	0.280	-14.8	93	0.00
58	T	TETRACHLOROETHENE	0.190	0.213	-12.1	94	0.00
59		1,3-DICHLOROPROPANE	0.432	0.427	1.2	86	0.00
60	T	DIBROMOCHLOROMETHANE	0.180	0.208	-15.6	94	0.00
61	T	1,2-DIBROMOETHANE	0.244	0.262	-7.4	92	0.00
62	I	CHLOROBENZENE-D5 ISTD	1.000	1.000	0.0	86	0.00
63	S	4-BROMOFLUROBENZENE SS	0.918	0.973	-6.0	91	0.00
64	P	CHLOROBENZENE	1.404	1.538	-9.5	90	0.00
65	T	1,1,1,2-TETRACHLOROETHANE	0.425	0.471	-10.8	94	0.00
66	C	ETHYLBENZENE	2.287	2.475	-8.2	86	0.00
67	T	M/P-XYLENES	1.744	2.002	-14.8	89	0.00
68	T	O-XYLENE	1.803	1.968	-9.2	85	0.00
69	T	STYRENE	1.400	1.598	-14.1	85	0.00
70	P	BROMOFORM	0.229	0.253	-10.5	96	0.00
71	T	ISOPROPYLBENZENE	1.672	1.739	-4.0	82	0.00
72		CIS-1,4-DICHLORO-2-BUTENE	0.250	0.289	-15.6	99	0.00
73	P	1,1,2,2-TETRACHLOROETHANE	0.661	0.705	-6.7	89	0.00
74		1,4-DICHLORO-2-BUTENE(TRANS	0.225	0.256	-13.8	101	0.00
75		BROMOBENZENE	0.978	0.999	-2.1	86	0.00
76	T	1,2,3-TRICHLOROPROPANE	0.201	0.204	-1.5	89	0.00
77	T	N-PROPYLBENZENE	2.382	2.565	-7.7	86	0.00
78	T	2-CHLOROTOLUENE	1.586	1.762	-11.1	89	0.00
79	T	1,3,5-TRIMETHYLBENZENE	1.647	1.882	-14.3	88	0.00
80		4-CHLOROTOLUENE	1.795	2.040	-13.6	88	0.00
81	I	1,4-DICHLOROBENZENE-D4-ISTD	1.000	1.000	0.0	93	0.00
82	T	TERT-BUTYLBENZENE	1.345	1.284	4.5	85	0.00
83	T	1,2,4-TRIMETHYLBENZENE	1.819	1.937	-6.5	90	0.00
84		SEC-BUTYLBENZENE	1.850	1.814	1.9	84	0.00
85	T	1,3-DICHLOROBENZENE	1.168	1.187	-1.6	93	0.00
86	T	P-ISOPROPYLTOLUENE	1.555	1.534	1.4	87	0.00
87	T	1,4-DICHLOROBENZENE	1.238	1.226	1.0	93	0.00
88	T	N-BUTYLBENZENE	1.426	1.439	-0.9	84	0.00
89	T	1,2-DICHLOROBENZENE	1.159	1.166	-0.6	92	0.00
90		1,2-DIBROMO-3-CHLOROPROPANE	0.074	0.079	-6.8	101	0.00
91		1,3,5-TRICHLOROBENZENE	0.699	0.620	11.3	81	0.00

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Acq On : 11 Aug 2011 1:02 pm
Operator : LBD/MFF
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 12 08:05:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
92 T	1,2,4-TRICHLOROBENZENE	0.635	0.486	23.5#	77	0.00
93 T	HEXACHLOROBUTADIENE	0.269	0.262	2.6	90	0.00
94 T	NAPHTHALENE	1.321	0.977	26.0#	70	0.00
95	1,2,3-TRICHLOROBENZENE	0.511	0.415	18.8	80	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	PENTAFLUOROBENZENE - ISTD	30.000	30.000	0.0	92	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	25.000	24.784	0.9	92	0.00
3	T	DICHLORODIFLOUROMETHANE	10.000	9.927	0.7	87	0.00
4		DIFLUOROCHLOROMETHANE	10.000	9.428	5.7	85	0.00
5	P	CHLOROMETHANE	10.000	10.692	-6.9	110	0.00
6	C	VINYL CHLORIDE	10.000	10.261	-2.6	92	0.00
7	T	BROMOMETHANE	10.000	11.773	-17.7	115	0.00
8	T	CHLOROETHANE	10.000	10.841	-8.4	99	0.00
9		FLUORODICHLOROMETHANE	10.000	11.508	-15.1	102	0.00
10	T	TRICHLOROFLUOROMETHANE	10.000	11.631	-16.3	102	0.00
11	T	DI ETHYL ETHER	10.000	10.242	-2.4	97	0.00
12		ACROLEIN	100.000	142.436	-42.4#	147	0.00
13	T	ACETONE	100.000	114.130	-14.1	108	0.00
14	C	1,1-DICHLOROETHENE	10.000	11.414	-14.1	102	0.00
15		1,1,2-TRICL-1,2,2-TRIFLETHA	10.000	10.741	-7.4	101	0.00
16		IODOMETHANE	100.000	102.024	# -2.0	108	0.00
17		METHYL ACETATE	10.000	10.579	-5.8	102	0.00
18		T-BUTYL ALCOHOL	100.000	118.203	-18.2	110	0.00
19		ACRYLONITRILE	10.000	10.539	-5.4	99	0.00
20	T	METHYLENE CHLORIDE	10.000	11.589	-15.9	100	0.00
21		CARBON DISULFIDE	100.000	122.962	-23.0#	99	0.00
22	T	METHYL TERT-BUTYL ETHER (MT	10.000	9.803	2.0	90	0.00
23	T	TRANS 1,2-DICHLOROETHENE	10.000	11.140	-11.4	99	0.00
24	P	1,1-DICHLOROETHANE	10.000	10.723	-7.2	98	0.00
25		VINYL ACETATE	100.000	115.503	-15.5	103	0.00
26		DI ISOPROPYL ETHER	10.000	10.565	-5.6	96	0.00
27	T	2-BUTANONE	100.000	104.764	-4.8	94	0.00
28		T-BUTYL ETHYL ETHER	10.000	8.366	16.3	76	0.00
29	T	CIS-1,2-DICHLOROETHENE	10.000	9.721	2.8	87	0.00
30		2,2-DICHLOROPROPANE	10.000	10.576	-5.8	95	0.00
31		ETHYL ACETATE	10.000	10.206	-2.1	95	0.00
32		BROMOCHLOROMETHANE	10.000	10.897	-9.0	95	0.00
33	T	TETRAHYDROFURAN	10.000	8.892	11.1	88	0.00
34	C	CHLOROFORM	10.000	10.057	-0.6	89	0.00
35	T	1,1,1-TRICHLOROETHANE	10.000	10.371	-3.7	91	0.00
36		CYCLOHEXANE	10.000	9.421	5.8	83	0.00
37	T	CARBON TETRACHLORIDE	10.000	9.868	1.3	97	0.00
38		1,1-DICHLOROPROPENE	10.000	9.708	2.9	87	0.00
39	T	BENZENE	10.000	9.710	2.9	86	0.00
40		T-AMYLMETHYL ETHER	10.000	8.265	17.3	75	0.00
41	I	1,4-DIFLOUROBENZENE - ISTD	30.000	30.000	0.0	89	0.00
42	S	TOLUENE-D8 SS	25.000	24.954	0.2	89	0.00
43	T	1,2-DICHLOROETHANE	10.000	10.864	-8.6	93	0.00
44	T	TRICHLOROETHENE	10.000	10.527	-5.3	90	0.00
45		METHYLCYCLOHEXANE	10.000	9.408	5.9	78	0.00
46	C	1,2-DICHLOROPROPANE	10.000	10.133	-1.3	85	0.00

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Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

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Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47	T	DIBROMOMETHANE	10.000	11.221	-12.2	95	0.00
48		1,4-DIOXANE	100.000	155.517	-55.5#	131	0.00
49	T	BROMODICHLOROMETHANE	10.000	11.586	-15.9	91	0.00
50		2-CHLOROETHYLVINYLETHER	100.000	108.106	-8.1	85	0.00
51	T	MIBK	100.000	112.562	-12.6	91	0.00
52	T	CIS-1,3-DICHLOROPROPENE	10.000	8.769	12.3	84	0.00
53	C	TOLUENE	10.000	10.445	-4.5	88	0.00
54	T	TRANS-1,3,-DICHLOROPROPENE	10.000	8.622	13.8	88	0.00
55		ETHYL METHACRYLATE	10.000	9.435	5.6	86	0.00
56	T	1,1,2-TRICHLOROETHANE	10.000	10.417	-4.2	89	0.00
57		2-HEXANONE	100.000	114.754	-14.8	93	0.00
58	T	TETRACHLOROETHENE	10.000	11.198	-12.0	94	0.00
59		1,3-DICHLOROPROPANE	10.000	9.890	1.1	86	0.00
60	T	DIBROMOCHLOROMETHANE	10.000	11.542	-15.4	94	0.00
61	T	1,2-DIBROMOETHANE	10.000	10.711	-7.1	92	0.00
62	I	CHLOROBENZENE-D5 ISTD	30.000	30.000	0.0	86	0.00
63	S	4-BROMOFLUROBENZENE SS	25.000	26.495	-6.0	91	0.00
64	P	CHLOROBENZENE	10.000	10.957	-9.6	90	0.00
65	T	1,1,1,2-TETRACHLOROETHANE	10.000	11.105	-11.1	94	0.00
66	C	ETHYLBENZENE	10.000	10.825	-8.2	86	0.00
67	T	M/P-XYLENES	20.000	22.964	-14.8	89	0.00
68	T	O-XYLENE	10.000	10.912	-9.1	85	0.00
69	T	STYRENE	10.000	11.413	-14.1	85	0.00
70	P	BROMOFORM	10.000	9.561	4.4	96	0.00
71	T	ISOPROPYLBENZENE	10.000	10.404	-4.0	82	0.00
72		CIS-1,4-DICHLORO-2-BUTENE	10.000	11.545	-15.4	99	0.00
73	P	1,1,2,2-TETRACHLOROETHANE	10.000	10.662	-6.6	89	0.00
74		1,4-DICHLORO-2-BUTENE(TRANS	10.000	11.384	-13.8	101	0.00
75		BROMOBENZENE	10.000	10.214	-2.1	86	0.00
76	T	1,2,3-TRICHLOROPROPANE	10.000	10.157	-1.6	89	0.00
77	T	N-PROPYLBENZENE	10.000	10.770	-7.7	86	0.00
78	T	2-CHLOROTOLUENE	10.000	11.110	-11.1	89	0.00
79	T	1,3,5-TRIMETHYLBENZENE	10.000	11.425	-14.3	88	0.00
80		4-CHLOROTOLUENE	10.000	11.363	-13.6	88	0.00
81	I	1,4-DICHLOROBENZENE-D4-ISTD	30.000	30.000	0.0	93	0.00
82	T	TERT-BUTYLBENZENE	10.000	9.549	4.5	85	0.00
83	T	1,2,4-TRIMETHYLBENZENE	10.000	10.647	-6.5	90	0.00
84		SEC-BUTYLBENZENE	10.000	9.805	2.0	84	0.00
85	T	1,3-DICHLOROBENZENE	10.000	10.161	-1.6	93	0.00
86	T	P-ISOPROPYLTOLUENE	10.000	9.865	1.3	87	0.00
87	T	1,4-DICHLOROBENZENE	10.000	9.905	1.0	93	0.00
88	T	N-BUTYLBENZENE	10.000	10.094	-0.9	84	0.00
89	T	1,2-DICHLOROBENZENE	10.000	10.060	-0.6	92	0.00
90		1,2-DIBROMO-3-CHLOROPROPANE	10.000	10.613	-6.1	101	0.00
91		1,3,5-TRICHLOROBENZENE	10.000	8.872	11.3	81	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
92	T	1,2,4-TRICHLOROBENZENE	10.000	7.666	23.3#	77	0.00
93	T	HEXACHLOROBUTADIENE	10.000	9.736	2.6	90	0.00
94	T	NAPHTHALENE	10.000	7.393	26.1#	70	0.00
95		1,2,3-TRICHLOROBENZENE	10.000	8.125	18.8	80	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	417698	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	648678	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	319520	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	328187	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	231845	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
42) TOLUENE-D8 SS	6.13	98	625078	24.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.80%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	258992	26.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	66570	9.93	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.04	51	107965	9.43	UG/L		100
5) CHLOROMETHANE	1.13	50	86580	10.69	UG/L		100
6) VINYL CHLORIDE	1.19	62	62810	10.26	UG/L		95
7) BROMOMETHANE	1.36	94	36334	11.77	UG/L		92
8) CHLOROETHANE	1.42	64	34663	10.84	UG/L		100
9) FLUORODICHLOROMETHANE	1.53	67	97997	11.51	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.57	101	80335	11.63	UG/L		99
11) DI ETHYL ETHER	1.74	59	44739	10.24	UG/L		97
12) ACROLEIN	1.83	56	62465	142.44	UG/L	#	98
13) ACETONE	1.93	43	230878	114.13	UG/L		100
14) 1,1-DICHLOROETHENE	1.89	61	83669	11.41	UG/L		98
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	39079	10.74	UG/L		95
16) IODOMETHANE	1.99	142	605799	102.02	UG/L		98
17) METHYL ACETATE	2.15	43	129701	10.58	UG/L		99
18) T-BUTYL ALCOHOL	2.33	59	53322	118.20	UG/L	#	79
19) ACRYLONITRILE	2.43	53	29578	10.54	UG/L		98
20) METHYLENE CHLORIDE	2.23	49	100599	11.59	UG/L		99
21) CARBON DISULFIDE	2.04	76	1115514	122.96	UG/L	#	93
22) METHYL TERT-BUTYL ETHER (M	2.45	73	127902	9.80	UG/L		99
23) TRANS 1,2-DICHLOROETHENE	2.44	61	75204	11.14	UG/L		99
24) 1,1-DICHLOROETHANE	2.82	63	92590	10.72	UG/L		98
25) VINYL ACETATE	2.88	43	1440259	115.50	UG/L		96
26) DI ISOPROPYL ETHER	2.90	45	216113	10.56	UG/L		97
27) 2-BUTANONE	3.45	43	409848	104.76	UG/L		98
28) T-BUTYL ETHYL ETHER	3.28	59	166159	8.37	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.41	61	103657	9.72	UG/L		98
30) 2,2-DICHLOROPROPANE	3.40	77	55770	10.58	UG/L		99
31) ETHYL ACETATE	3.51	43	97459	10.21	UG/L		99
32) BROMOCHLOROMETHANE	3.64	128	29185	10.90	UG/L		97
33) TETRAHYDROFURAN	3.71	42	24039	8.89	UG/L		95
34) CHLOROFORM	3.74	83	100638	10.06	UG/L		97
35) 1,1,1-TRICHLOROETHANE	3.91	97	73423	10.37	UG/L		95
36) CYCLOHEXANE	3.96	56	97380	9.42	UG/L		95
37) CARBON TETRACHLORIDE	4.07	117	61151	9.87	UG/L		99
38) 1,1-DICHLOROPROPENE	4.08	75	70790	9.71	UG/L		99
39) BENZENE	4.29	78	225707	9.71	UG/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	105100	8.26	UG/L	#	71
43) 1,2-DICHLOROETHANE	4.31	62	99482	10.86	UG/L		98
44) TRICHLOROETHENE	4.93	95	58388	10.53	UG/L		99
45) METHYLCYCLOHEXANE	5.11	83	57621	9.41	UG/L		96
46) 1,2-DICHLOROPROPANE	5.15	63	62763	10.13	UG/L		94
47) DIBROMOMETHANE	5.26	93	39345	11.22	UG/L		96
48) 1,4-DIOXANE	5.31	88	6486	155.52	UG/L	#	90
49) BROMODICHLOROMETHANE	5.43	83	64883	11.59	UG/L		98
50) 2-CHLOROETHYLVINYLETHER	5.75	63	455257	108.11	UG/L		98
51) MIBK	6.05	43	858104	112.56	UG/L		95
52) CIS-1,3-DICHLOROPROPENE	5.88	75	68900	8.77	UG/L		95
53) TOLUENE	6.19	91	245636	10.44	UG/L		97
54) TRANS-1,3,-DICHLOROPROPENE	6.42	75	53368	8.62	UG/L		95
55) ETHYL METHACRYLATE	6.54	41	64104	9.43	UG/L		97
56) 1,1,2-TRICHLOROETHANE	6.60	97	55708	10.42	UG/L		99
57) 2-HEXANONE	6.87	43	605921	114.75	UG/L		96
58) TETRACHLOROETHENE	6.71	164	46084	11.20	UG/L		99
59) 1,3-DICHLOROPROPANE	6.76	76	92379	9.89	UG/L		95
60) DIBROMOCHLOROMETHANE	6.97	129	44969	11.54	UG/L		97
61) 1,2-DIBROMOETHANE	7.07	107	56586	10.71	UG/L	#	99
64) CHLOROBENZENE	7.55	112	163822	10.96	UG/L		98
65) 1,1,1,2-TETRACHLOROETHANE	7.64	131	50216	11.11	UG/L		99
66) ETHYLBENZENE	7.68	91	263620	10.82	UG/L		99
67) M/P-XYLENES	7.79	91	426491	22.96	UG/L		98
68) O-XYLENE	8.18	91	209588	10.91	UG/L		100
69) STYRENE	8.19	104	170155	11.41	UG/L		99
70) BROMOFORM	8.36	173	26939	9.56	UG/L		99
71) ISOPROPYLBENZENE	8.55	105	185243	10.40	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	30731	11.55	UG/L	#	66
73) 1,1,2,2-TETRACHLOROETHANE	8.85	83	75078	10.66	UG/L		97
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	27313	11.38	UG/L	#	81
75) BROMOBENZENE	8.82	77	106368	10.21	UG/L		99
76) 1,2,3-TRICHLOROPROPANE	8.88	110	21722	10.16	UG/L	#	67
77) N-PROPYLBENZENE	8.95	91	273185	10.77	UG/L		100
78) 2-CHLOROTOLUENE	9.02	91	187678	11.11	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.13	105	200405	11.42	UG/L		98
80) 4-CHLOROTOLUENE	9.13	91	217260	11.36	UG/L		100
82) TERT-BUTYLBENZENE	9.45	119	140511	9.55	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	211853	10.65	UG/L		95
84) SEC-BUTYLBENZENE	9.67	105	198398	9.81	UG/L		98
85) 1,3-DICHLOROBENZENE	9.75	146	129836	10.16	UG/L		99
86) P-ISOPROPYLTOLUENE	9.82	119	167803	9.86	UG/L		99
87) 1,4-DICHLOROBENZENE	9.84	146	134123	9.91	UG/L		96
88) N-BUTYLBENZENE	10.22	91	157441	10.09	UG/L		99
89) 1,2-DICHLOROBENZENE	10.21	146	127603	10.06	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	8643	10.61	UG/L		83
91) 1,3,5-TRICHLOROBENZENE	11.19	180	67855	8.87	UG/L		100
92) 1,2,4-TRICHLOROBENZENE	11.80	180	53217	7.67	UG/L		97
93) HEXACHLOROBUTADIENE	11.98	225	28620	9.74	UG/L		98
94) NAPHTHALENE	12.04	128	106881	7.39	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	45404	8.13	UG/L		97

Data Path : C:\MSDCHEM\1\DATA\081111\
Data File : VB223003.D
Acq On : 11 Aug 2011 1:02 pm
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

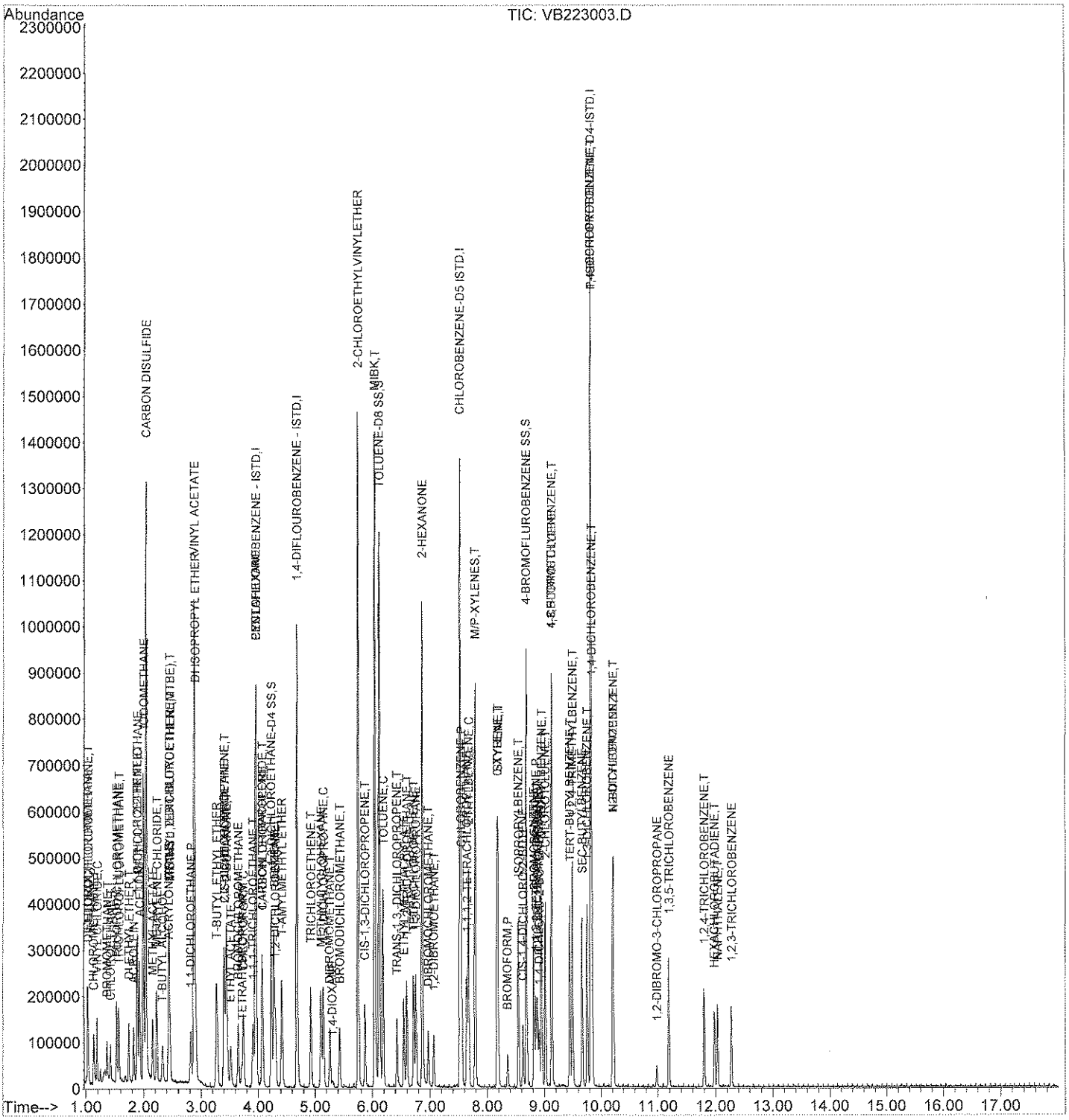
Quant Time: Aug 12 08:05:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDCHEM\1\DATA\081111\
Data File : VB223003.D
Acq On : 11 Aug 2011 1:02 pm
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 12 08:05:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



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

VOLATILES QC DATA

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

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-BLK1	File ID:	VB223008.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 15:52
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

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

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-BLK1	File ID:	VB223008.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 15:52
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

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

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-BLK1	File ID:	VB223008.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 15:52
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223008.D
Acq On : 11 Aug 2011 3:52 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 12 2011

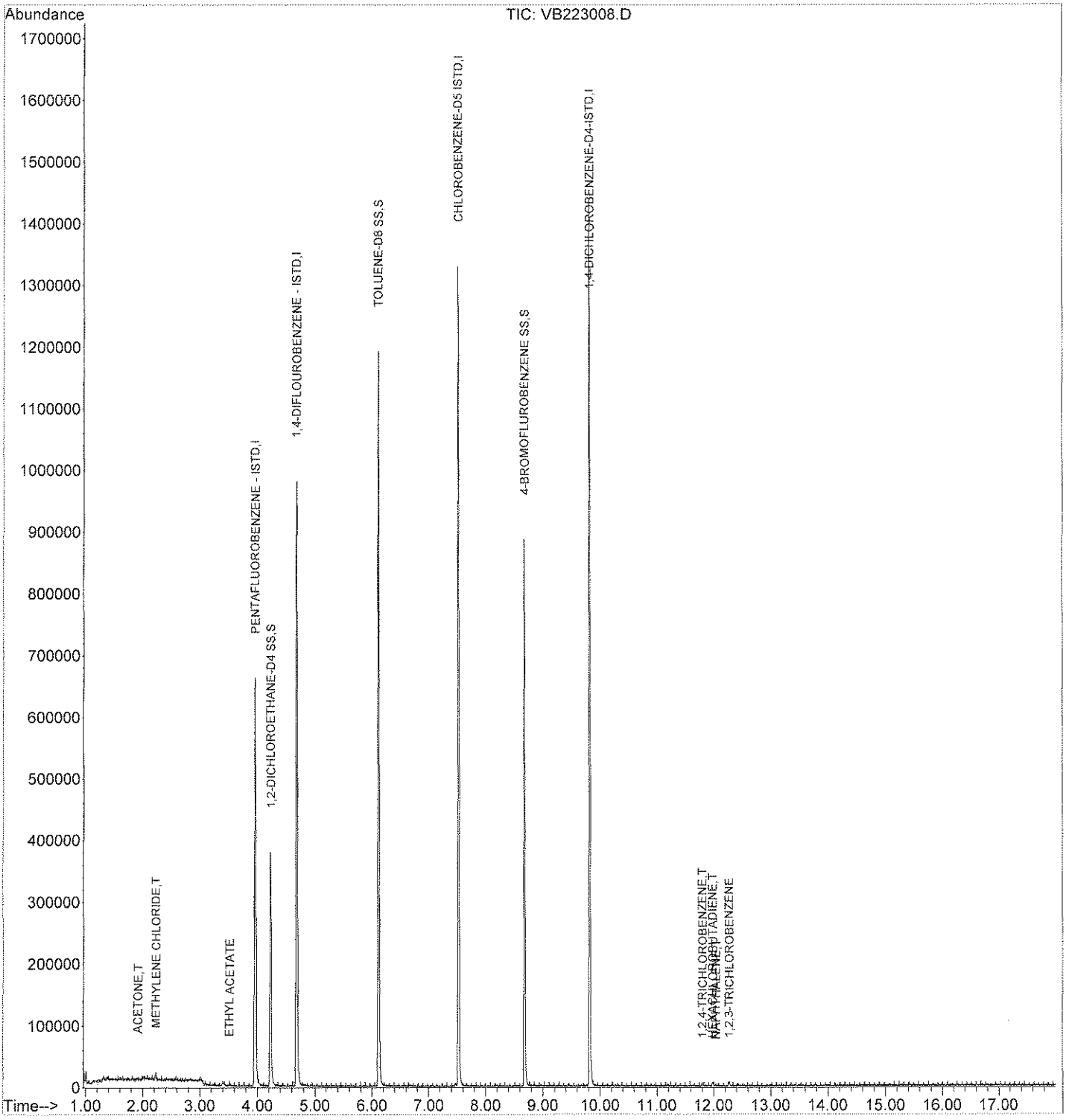
Quant Time: Aug 12 08:19:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

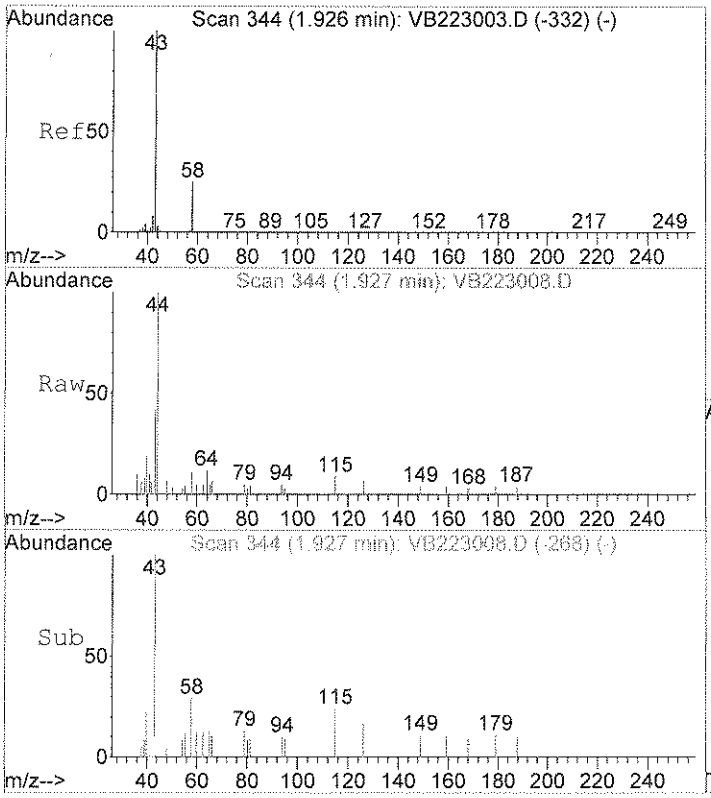
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	395808	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	634426	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	309278	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	297680	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	229392	25.88	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.52%			
42) TOLUENE-D8 SS	6.13	98	584169	23.85	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	222389	23.50	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.00%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	2566m	1.34	UG/L	
16) IODOMETHANE	2.19	142	326	Below Cal		98
20) METHYLENE CHLORIDE	2.22	49	5953	0.72	UG/L	96
31) ETHYL ACETATE	3.52	43	2624	0.29	UG/L #	90
92) 1,2,4-TRICHLOROBENZENE	11.80	180	843	0.13	UG/L #	79
93) HEXACHLOROBUTADIENE	11.98	225	766m	0.29	UG/L	
94) NAPHTHALENE	12.04	128	1630m	0.12	UG/L	
95) 1,2,3-TRICHLOROBENZENE	12.28	180	1860m	0.37	UG/L	

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223008.D
Acq On : 11 Aug 2011 3:52 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 08:19:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

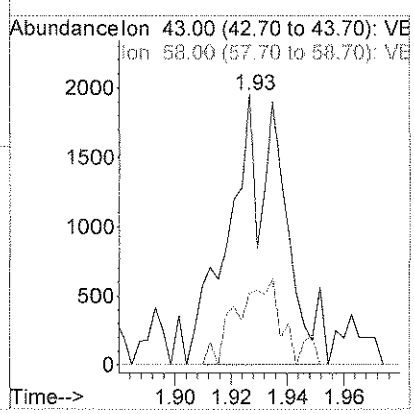


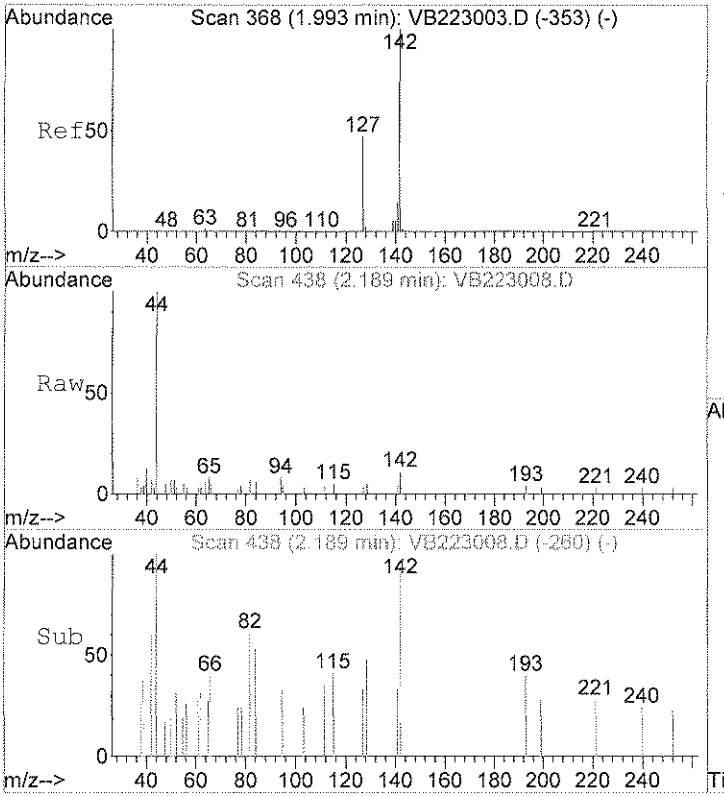


#13
ACETONE
Concen: 1.34 UG/L m
RT: 1.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: VB223008.D
Acq: 11 Aug 2011 3:52 pm

Tgt Ion: 43 Resp: 2566

Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.2	30.2

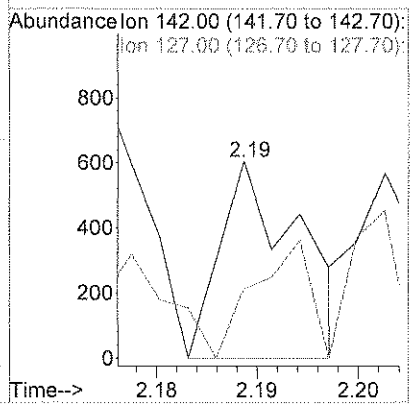


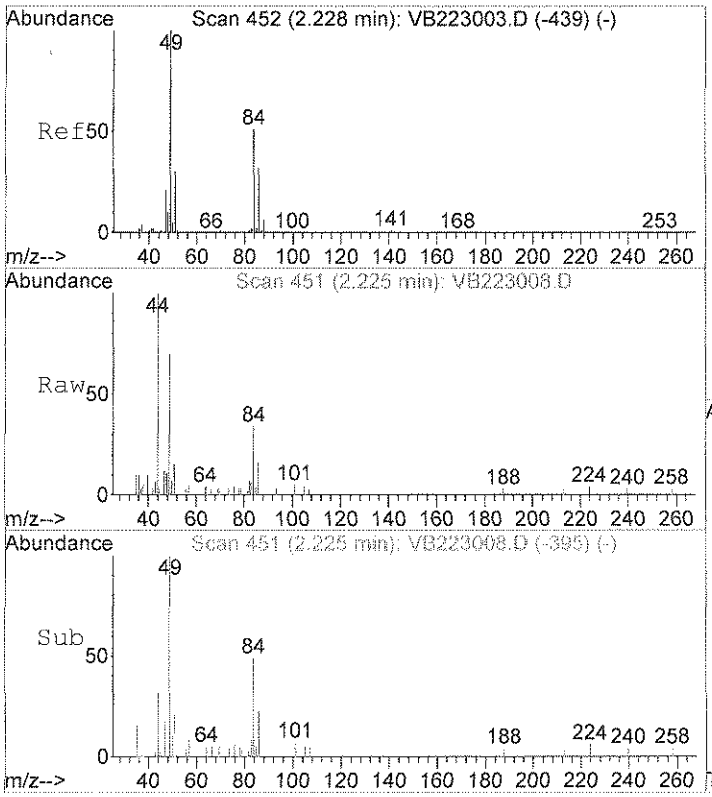


#16
IODOMETHANE
Concen: Below Cal
RT: 2.19 min Scan# 438
Delta R.T. 0.20 min
Lab File: VB223008.D
Acq: 11 Aug 2011 3:52 pm

Tgt Ion:142 Resp: 326

Ion	Ratio	Lower	Upper
142	100		
127	42.0	34.5	51.7

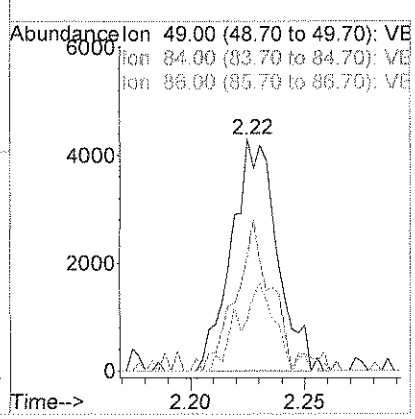


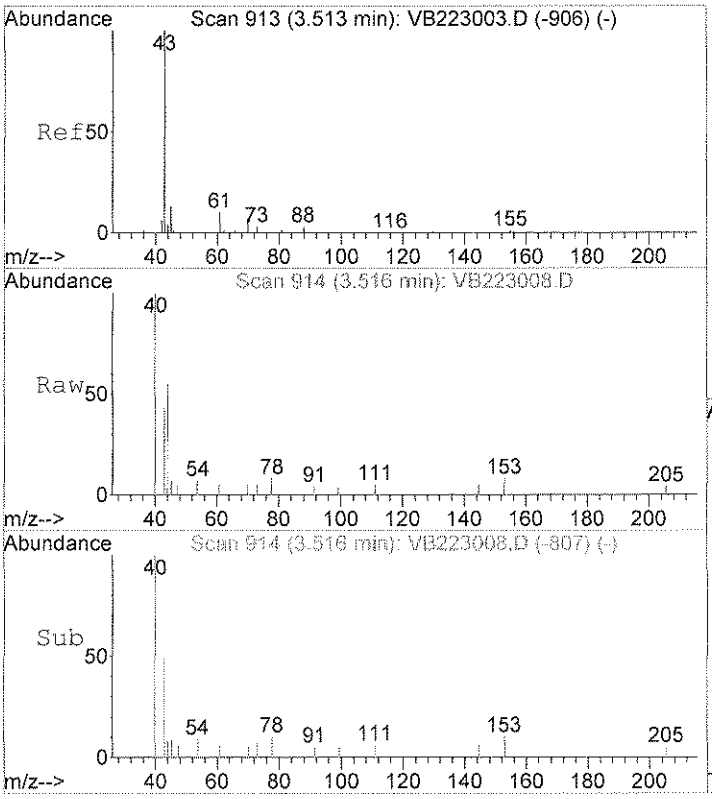


#20
METHYLENE CHLORIDE
Concen: 0.72 UG/L
RT: 2.22 min Scan# 451
Delta R.T. -0.00 min
Lab File: VB223008.D
Acq: 11 Aug 2011 3:52 pm

Tgt Ion: 49 Resp: 5953

Ion	Ratio	Lower	Upper
49	100		
84	50.0	41.1	61.7
86	29.2	26.5	39.7

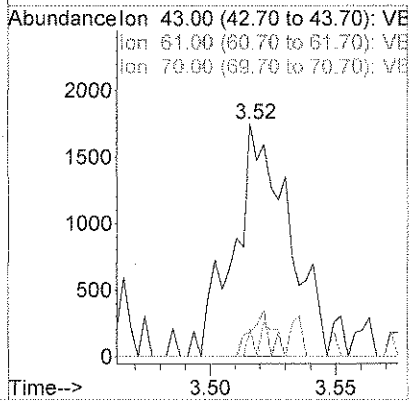


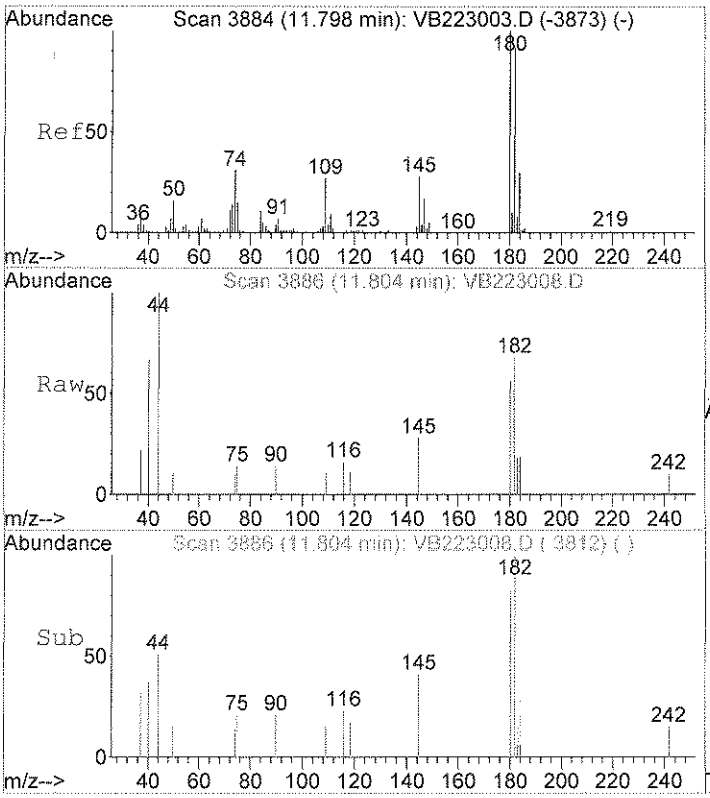


#31
ETHYL ACETATE
Concen: 0.29 UG/L
RT: 3.52 min Scan# 914
Delta R.T. -0.00 min
Lab File: VB223008.D
Acq: 11 Aug 2011 3:52 pm

Tgt Ion: 43 Resp: 2624

Ion	Ratio	Lower	Upper
43	100		
61	7.0	9.4	14.2#
70	5.5	6.3	9.5#

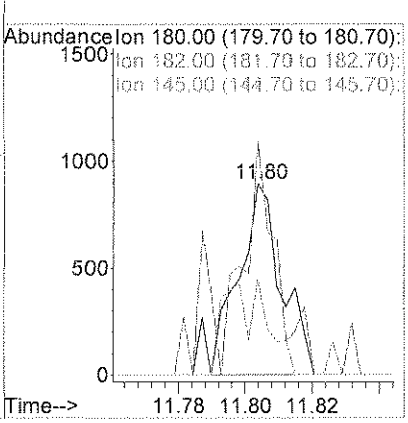


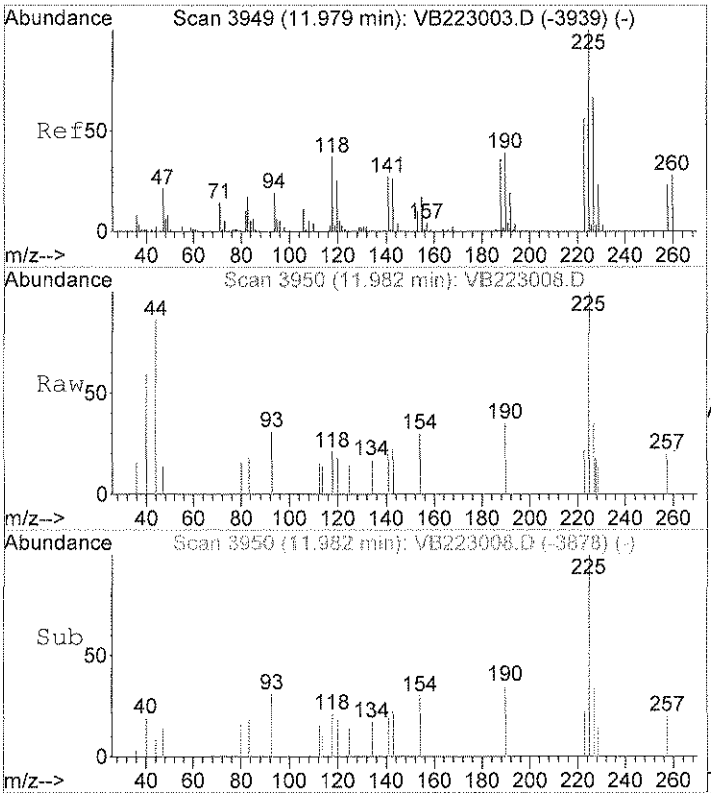


#92
1,2,4-TRICHLOROBENZENE
Concen: 0.13 UG/L
RT: 11.80 min Scan# 3886
Delta R.T. 0.01 min
Lab File: VB223008.D
Acq: 11 Aug 2011 3:52 pm

Tgt Ion:180 Resp: 843

Ion	Ratio	Lower	Upper
180	100		
182	89.7	81.3	121.9
145	0.0	23.5	35.3#

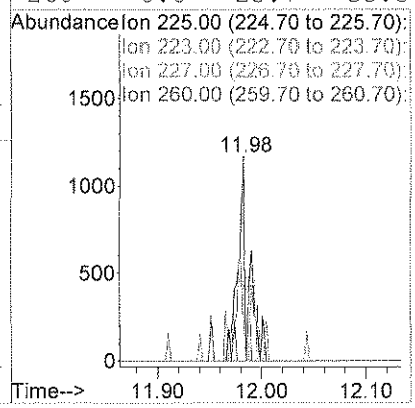


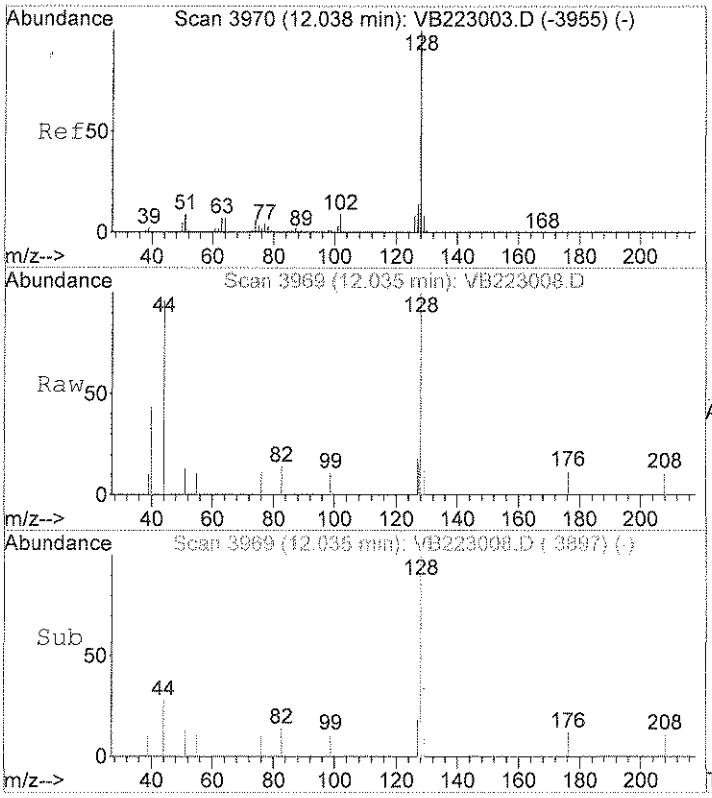


#93
HEXACHLOROBUTADIENE
Concen: 0.29 UG/L m
RT: 11.98 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VB223008.D
Acq: 11 Aug 2011 3:52 pm

Tgt Ion:225 Resp: 766

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.4	75.6#
227	0.0	50.7	76.1#
260	0.0	23.7	35.5#

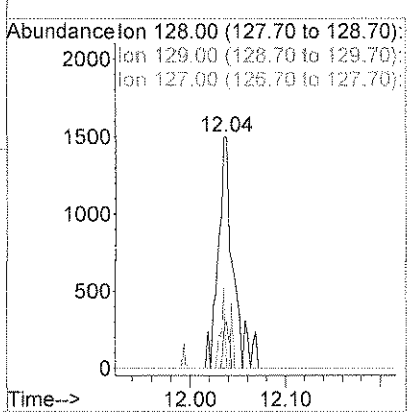


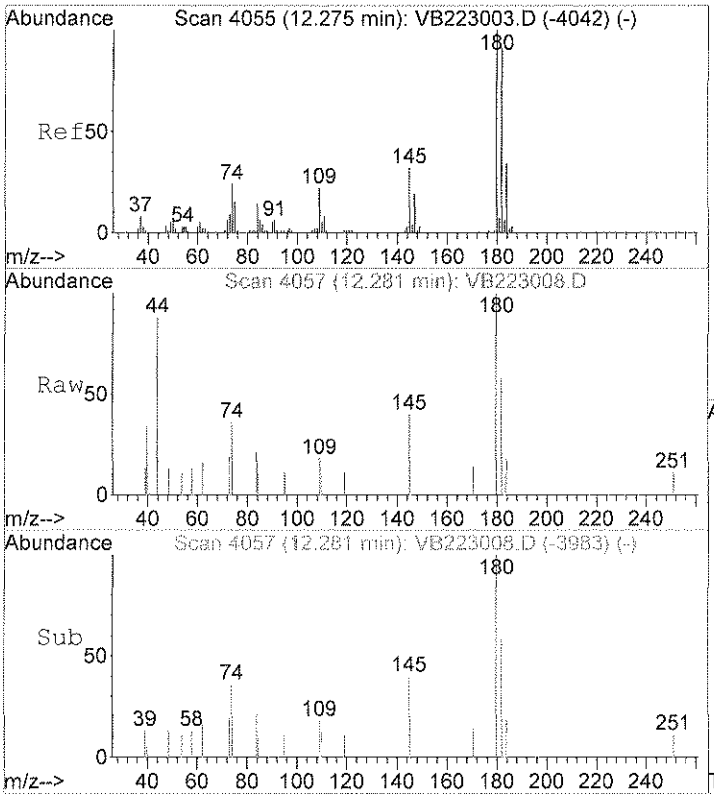


#94
NAPHTHALENE
Concen: 0.12 UG/L m
RT: 12.04 min Scan# 3969
Delta R.T. -0.00 min
Lab File: VB223008.D
Acq: 11 Aug 2011 3:52 pm

Tgt Ion:128 Resp: 1630

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	0.0	10.1	15.1#

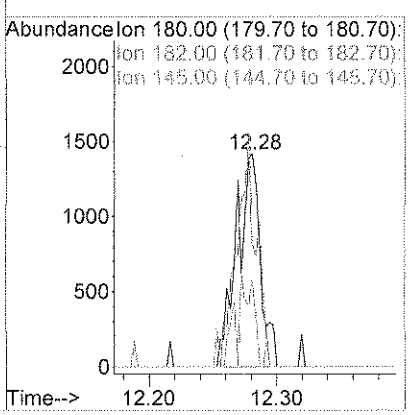




#95
1,2,3-TRICHLOROBENZENE
Concen: 0.37 UG/L m
RT: 12.28 min Scan# 4057
Delta R.T. 0.01 min
Lab File: VB223008.D
Acq: 11 Aug 2011 3:52 pm

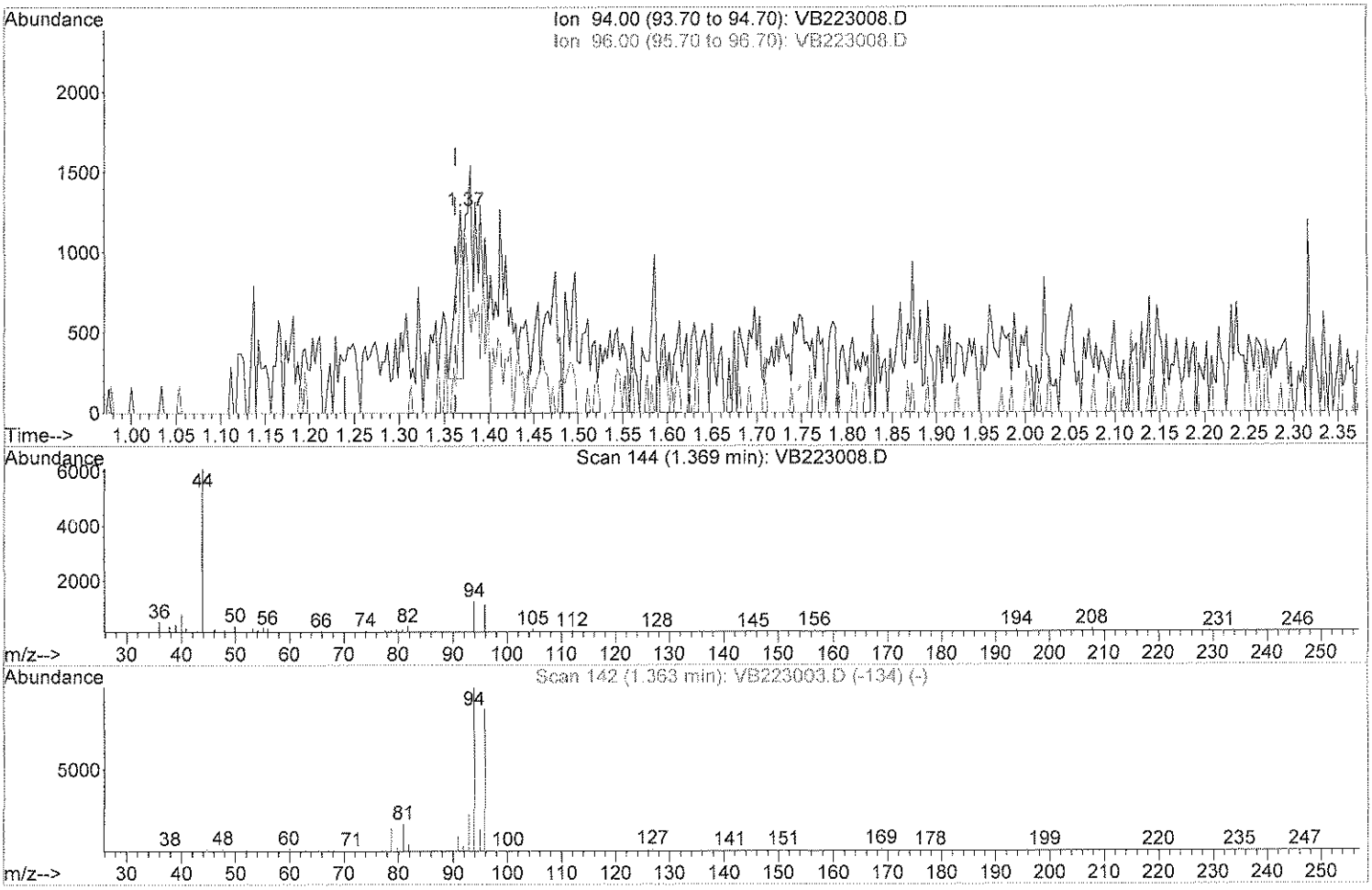
Tgt Ion:180 Resp: 1860

Ion	Ratio	Lower	Upper
180	100		
182	86.9	81.2	121.8
145	0.0	24.9	37.3#



Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223008.D
Acq On : 11 Aug 2011 3:52 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 08:05:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223008.D

(7) BROMOMETHANE (T)

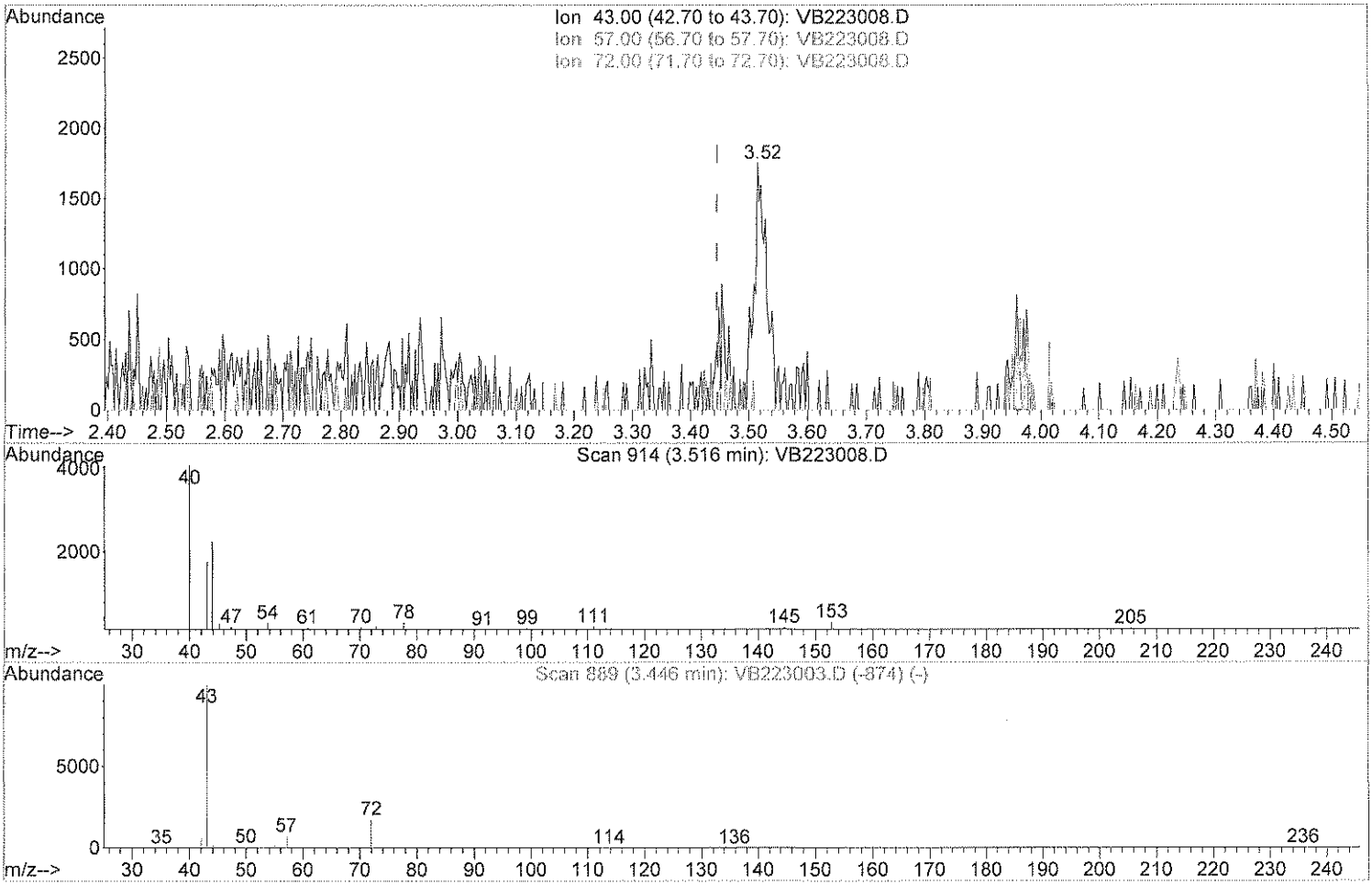
1.369min (+0.006) 0.21UG/L

response 615

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	209.11#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223008.D
Acq On : 11 Aug 2011 3:52 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 08:05:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223008.D

(27) 2-BUTANONE (T)

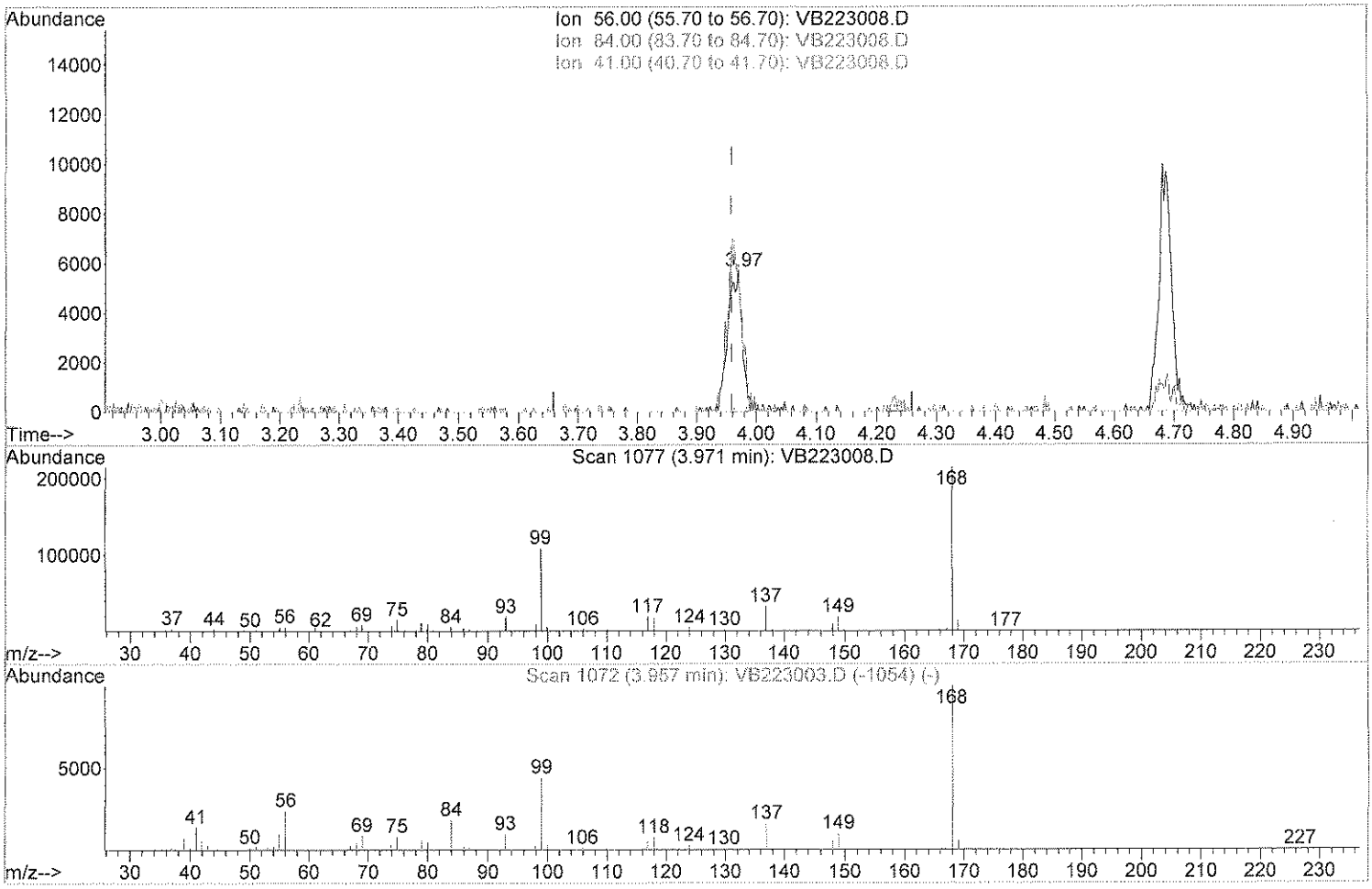
3.516min (+0.070) 0.71UG/L

response 2624

Ion	Exp%	Act%
43.00	100	100
57.00	7.10	0.00#
72.00	18.50	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223008.D
Acq On : 11 Aug 2011 3:52 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 08:05:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223008.D

(36) CYCLOHEXANE

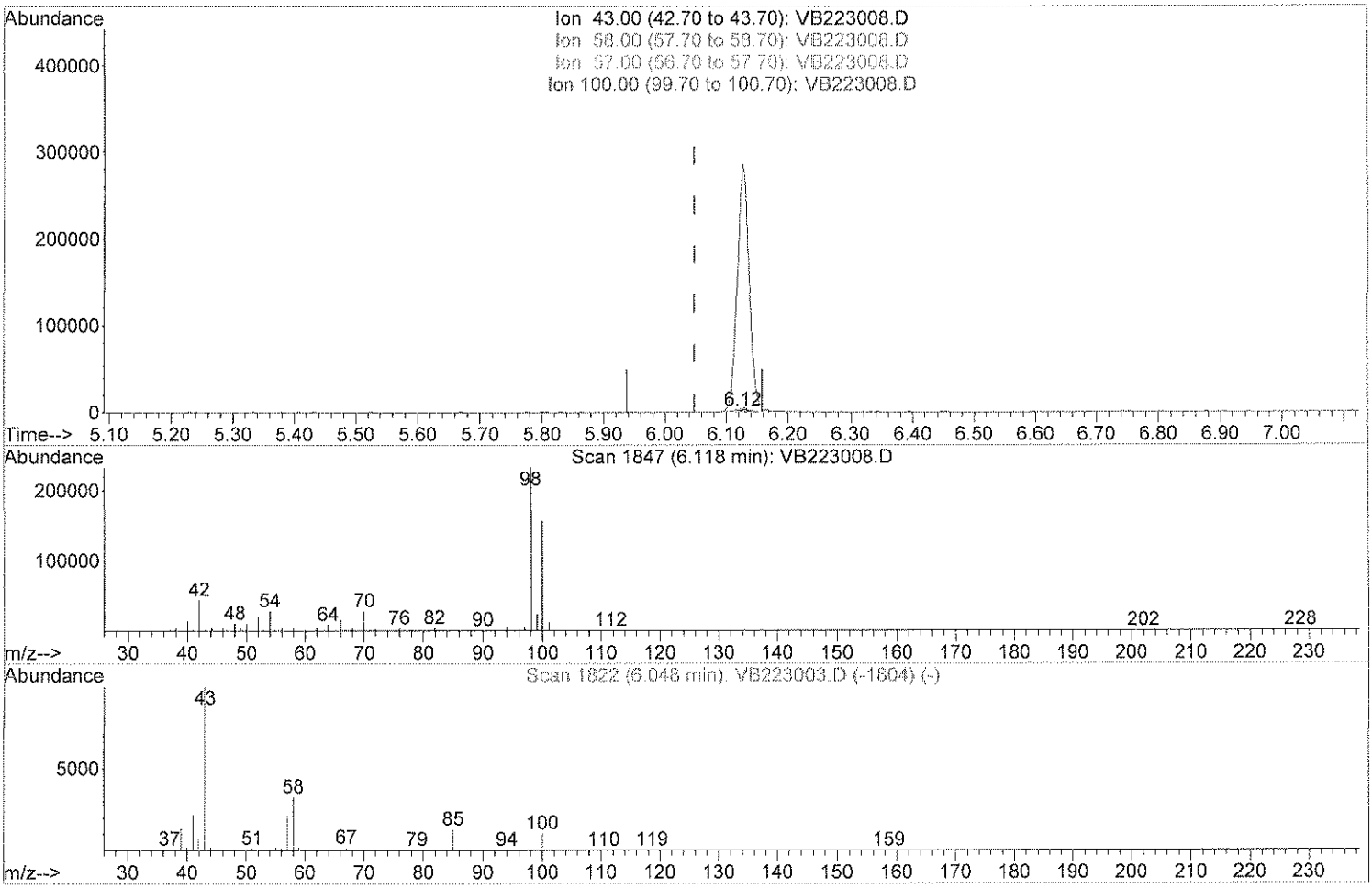
3.971min (+0.011) 0.97UG/L

response 9527

Ion	Exp%	Act%
56.00	100	100
84.00	67.60	115.18#
41.00	59.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223008.D
Acq On : 11 Aug 2011 3:52 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 08:05:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



TIC: VB223008.D

(51) MIBK (T)

6.118min (+0.070) 0.23UG/L

response 1728

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	340.16#
57.00	24.10	0.00#
100.00	11.00	21712.96#

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-BS1	File ID:	VB223005.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 14:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	120	0.54	50	
107-13-1	Acrylonitrile	10.2	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	8.65	0.11	0.50	
71-43-2	Benzene	9.79	0.050	1.0	
108-86-1	Bromobenzene	10.2	0.10	1.0	
74-97-5	Bromochloromethane	11.5	0.10	1.0	
75-27-4	Bromodichloromethane	10.8	0.080	0.50	
75-25-2	Bromoform	9.25	0.25	1.0	
74-83-9	Bromomethane	6.54	0.38	2.0	
78-93-3	2-Butanone (MEK)	104	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	109	3.5	20	V-16
104-51-8	n-Butylbenzene	8.94	0.050	1.0	
135-98-8	sec-Butylbenzene	9.19	0.050	1.0	
98-06-6	tert-Butylbenzene	9.19	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	7.12	0.070	0.50	
75-15-0	Carbon Disulfide	9.51	0.050	2.0	V-20
56-23-5	Carbon Tetrachloride	9.37	0.090	5.0	
108-90-7	Chlorobenzene	11.1	0.050	1.0	
124-48-1	Chlorodibromomethane	10.9	0.12	1.0	
75-00-3	Chloroethane	9.09	0.33	2.0	
67-66-3	Chloroform	10.1	0.040	2.0	
74-87-3	Chloromethane	6.80	0.13	2.0	
95-49-8	2-Chlorotoluene	10.8	0.050	1.0	
106-43-4	4-Chlorotoluene	11.3	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.98	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.0	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-BS1	File ID:	VB223005.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 14:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.7	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.91	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.2	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.90	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.71	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.62	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.4	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.1	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.5	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	8.94	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.2	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.2	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.06	0.13	1.0	
563-58-6	1,1-Dichloropropene	9.59	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	7.93	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.03	0.12	0.50	
60-29-7	Diethyl Ether	10.7	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.60	0.030	0.50	
123-91-1	1,4-Dioxane	160	3.5	50	L-02, V-16, V-20
100-41-4	Ethylbenzene	10.5	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.1	0.26	1.0	
591-78-6	2-Hexanone (MBK)	112	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.8	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	9.33	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.61	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-BS1	File ID:	VB223005.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 14:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.5	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	109	0.22	10	
91-20-3	Naphthalene	7.87	0.21	2.0	V-05
103-65-1	n-Propylbenzene	10.5	0.040	1.0	
100-42-5	Styrene	11.4	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.1	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.0	0.18	0.50	
127-18-4	Tetrachloroethylene	10.8	0.14	1.0	
109-99-9	Tetrahydrofuran	8.89	1.0	10	
108-88-3	Toluene	10.6	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.36	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.18	0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene	8.64	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.4	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.6	0.080	1.0	
79-01-6	Trichloroethylene	10.3	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.17	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.1	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.93	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.92	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.7	0.060	1.0	
75-01-4	Vinyl Chloride	7.37	0.16	2.0	
108383/106423	m+p Xylene	22.2	0.070	2.0	
95-47-6	o-Xylene	10.9	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223005.D
Acq On : 11 Aug 2011 2:10 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 5 Sample Multiplier: 1

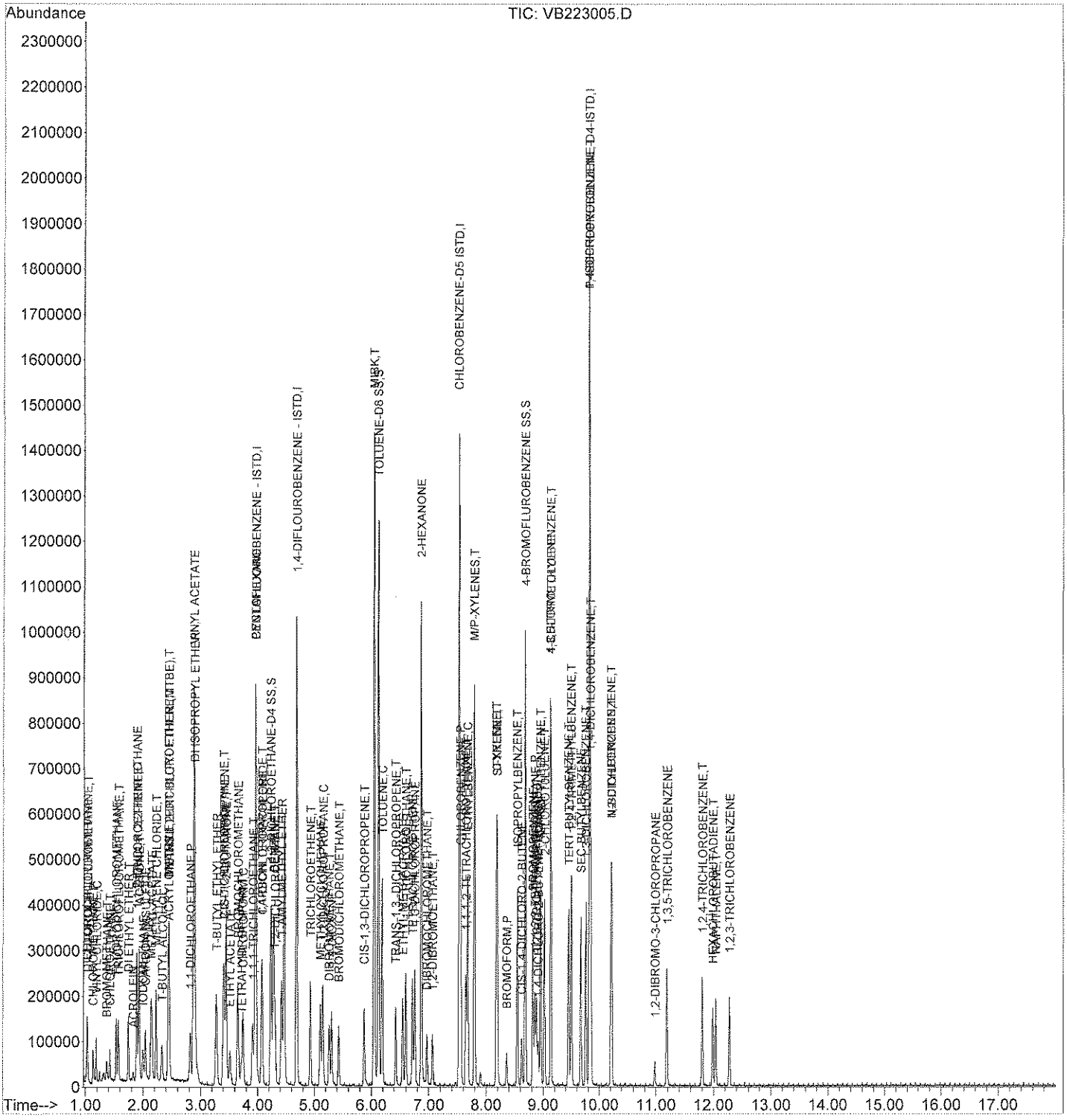
Quant Time: Aug 12 08:05:55 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 12 2011

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	428952	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.68	114	667778	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	327935	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	337684	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	236537	24.62	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.48%			
42) TOLUENE-D8 SS	6.13	98	640481	24.84	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.36%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	259810	25.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.60%			
Target Compounds						Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	52506	7.62	UG/L	97
4) DIFLUOROCHLOROMETHANE	1.04	51	63176	5.37	UG/L	97
5) CHLOROMETHANE	1.13	50	56560	6.80	UG/L	98
6) VINYL CHLORIDE	1.19	62	46329	7.37	UG/L	96
7) BROMOMETHANE	1.37	94	20741	6.54	UG/L	94
8) CHLOROETHANE	1.42	64	29852	9.09	UG/L	99
9) FLUORODICHLOROMETHANE	1.53	67	73734	8.43	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.57	101	65050	9.17	UG/L	96
11) DI ETHYL ETHER	1.74	59	48177	10.74	UG/L	97
12) ACROLEIN	1.83	56	9665	21.46	UG/L #	99
13) ACETONE	1.93	43	250139	120.41	UG/L	99
14) 1,1-DICHLOROETHENE	1.89	61	78907	10.48	UG/L	98
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.88	101	37122	9.93	UG/L	99
16) IODOMETHANE	2.00	142	89493	3.59	UG/L	95
17) METHYL ACETATE	2.16	43	120054	9.54	UG/L	98
18) T-BUTYL ALCOHOL	2.33	59	50600	109.23	UG/L #	78
19) ACRYLONITRILE	2.43	53	29375	10.19	UG/L	96
20) METHYLENE CHLORIDE	2.23	49	102260	11.47	UG/L	100
21) CARBON DISULFIDE	2.04	76	88640	9.51	UG/L	95
22) METHYL TERT-BUTYL ETHER (M	2.45	73	128707	9.61	UG/L	97
23) TRANS 1,2-DICHLOROETHENE	2.44	61	77199	11.14	UG/L	98
24) 1,1-DICHLOROETHANE	2.82	63	92425	10.42	UG/L	97
25) VINYL ACETATE	2.88	43	1185146	92.55	UG/L #	96
26) DI ISOPROPYL ETHER	2.90	45	201715	9.60	UG/L	99
27) 2-BUTANONE	3.45	43	416483	103.67	UG/L	100
28) T-BUTYL ETHYL ETHER	3.27	59	145185	7.12	UG/L	98
29) CIS-1,2-DICHLOROETHENE	3.41	61	97880	8.94	UG/L	95
30) 2,2-DICHLOROPROPANE	3.40	77	43644	8.06	UG/L #	79
31) ETHYL ACETATE	3.52	43	78006	7.95	UG/L	98
32) BROMOCHLOROMETHANE	3.65	128	31644	11.51	UG/L	94
33) TETRAHYDROFURAN	3.71	42	24688	8.89	UG/L #	63
34) CHLOROFORM	3.74	83	103649	10.09	UG/L	99
35) 1,1,1-TRICHLOROETHANE	3.91	97	75498	10.38	UG/L	95
36) CYCLOHEXANE	3.96	56	88388	8.33	UG/L	94
37) CARBON TETRACHLORIDE	4.07	117	59657	9.37	UG/L	100
38) 1,1-DICHLOROPROPENE	4.08	75	71849	9.59	UG/L	98
39) BENZENE	4.28	78	233736	9.79	UG/L	100

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223005.D
Acq On : 11 Aug 2011 2:10 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 12 08:05:55 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-BSD1	File ID:	VB223006.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 14:47
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	128	0.54	50	
107-13-1	Acrylonitrile	9.78	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	8.95	0.11	0.50	
71-43-2	Benzene	10.5	0.050	1.0	
108-86-1	Bromobenzene	10.7	0.10	1.0	
74-97-5	Bromochloromethane	11.9	0.10	1.0	
75-27-4	Bromodichloromethane	11.1	0.080	0.50	
75-25-2	Bromoform	9.59	0.25	1.0	
74-83-9	Bromomethane	7.53	0.38	2.0	
78-93-3	2-Butanone (MEK)	107	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	113	3.5	20	V-16
104-51-8	n-Butylbenzene	9.48	0.050	1.0	
135-98-8	sec-Butylbenzene	9.95	0.050	1.0	
98-06-6	tert-Butylbenzene	9.80	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	7.47	0.070	0.50	
75-15-0	Carbon Disulfide	10.3	0.050	2.0	V-20
56-23-5	Carbon Tetrachloride	10.5	0.090	5.0	
108-90-7	Chlorobenzene	11.5	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	1.0	
75-00-3	Chloroethane	9.99	0.33	2.0	
67-66-3	Chloroform	10.8	0.040	2.0	
74-87-3	Chloromethane	7.30	0.13	2.0	
95-49-8	2-Chlorotoluene	11.5	0.050	1.0	
106-43-4	4-Chlorotoluene	12.0	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.6	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.1	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-BSD1	File ID:	VB223006.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 14:47
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.8	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.57	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.98	0.040	2.0	
75-34-3	1,1-Dichloroethane	11.4	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.4	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.5	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.59	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	12.4	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.7	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.3	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.95	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.2	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	8.21	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.28	0.12	0.50	
60-29-7	Diethyl Ether	11.3	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.2	0.030	0.50	
123-91-1	1,4-Dioxane	163	3.5	50	L-02, V-16, V-20
100-41-4	Ethylbenzene	11.2	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.7	0.26	1.0	
591-78-6	2-Hexanone (MBK)	112	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.8	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.1	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.2	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-BSD1	File ID:	VB223006.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 14:47
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.9	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	110	0.22	10	
91-20-3	Naphthalene	8.00	0.21	2.0	V-05
103-65-1	n-Propylbenzene	11.0	0.040	1.0	
100-42-5	Styrene	11.8	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.7	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.7	0.18	0.50	
127-18-4	Tetrachloroethylene	11.3	0.14	1.0	
109-99-9	Tetrahydrofuran	8.36	1.0	10	
108-88-3	Toluene	10.8	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.40	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.13	0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene	8.89	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.1	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.9	0.080	1.0	
79-01-6	Trichloroethylene	11.2	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.5	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.4	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.7	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.9	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.2	0.060	1.0	
75-01-4	Vinyl Chloride	8.17	0.16	2.0	
108383/106423	m+p Xylene	23.5	0.070	2.0	
95-47-6	o-Xylene	11.6	0.050	1.0	

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223006.D
Acq On : 11 Aug 2011 2:47 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

CHECKED BY:
LAUREN DAMBORAGIAN AUG 12 2011

Quant Time: Aug 12 08:05:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	428034	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	678319	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	330687	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	335574	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	237493	24.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.08%				
42) TOLUENE-D8 SS	6.13	98	648523	24.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.04%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	259520	25.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.60%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	54813	7.98	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.04	51	67086	5.72	UG/L		97
5) CHLOROMETHANE	1.13	50	60606	7.30	UG/L		97
6) VINYL CHLORIDE	1.19	62	51268	8.17	UG/L		96
7) BROMOMETHANE	1.37	94	23804	7.53	UG/L		93
8) CHLOROETHANE	1.42	64	32742	9.99	UG/L		99
9) FLUORODICHLOROMETHANE	1.53	67	78821	9.03	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.57	101	74519	10.53	UG/L		99
11) DI ETHYL ETHER	1.74	59	50616	11.31	UG/L		98
12) ACROLEIN	1.83	56	8797	19.58	UG/L	#	93
13) ACETONE	1.93	43	265571	128.11	UG/L		98
14) 1,1-DICHLOROETHENE	1.89	61	86533	11.52	UG/L		98
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	39919	10.71	UG/L		97
16) IODOMETHANE	1.99	142	78388	1.57	UG/L		94
17) METHYL ACETATE	2.15	43	120325	9.58	UG/L		100
18) T-BUTYL ALCOHOL	2.33	59	52126	112.76	UG/L	#	80
19) ACRYLONITRILE	2.43	53	28138	9.78	UG/L		94
20) METHYLENE CHLORIDE	2.23	49	106096	11.93	UG/L		98
21) CARBON DISULFIDE	2.04	76	96171	10.34	UG/L		95
22) METHYL TERT-BUTYL ETHER (M	2.45	73	136030	10.17	UG/L		97
23) TRANS 1,2-DICHLOROETHENE	2.44	61	85989	12.43	UG/L		98
24) 1,1-DICHLOROETHANE	2.82	63	101233	11.44	UG/L		99
25) VINYL ACETATE	2.88	43	1117816	87.48	UG/L	#	95
26) DI ISOPROPYL ETHER	2.90	45	214673	10.24	UG/L		99
27) 2-BUTANONE	3.45	43	428817	106.97	UG/L		98
28) T-BUTYL ETHYL ETHER	3.28	59	152040	7.47	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.40	61	104746	9.59	UG/L		95
30) 2,2-DICHLOROPROPANE	3.40	77	48339	8.95	UG/L		99
31) ETHYL ACETATE	3.52	43	77863	7.96	UG/L	#	95
32) BROMOCHLOROMETHANE	3.65	128	32568	11.87	UG/L		98
33) TETRAHYDROFURAN	3.71	42	23158	8.36	UG/L	#	62
34) CHLOROFORM	3.74	83	110208	10.75	UG/L		98
35) 1,1,1-TRICHLOROETHANE	3.91	97	80748	11.13	UG/L		96
36) CYCLOHEXANE	3.96	56	97680	9.22	UG/L		92
37) CARBON TETRACHLORIDE	4.07	117	66568	10.48	UG/L		99
38) 1,1-DICHLOROPROPENE	4.08	75	76101	10.18	UG/L		97
39) BENZENE	4.28	78	250824	10.53	UG/L		100

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223006.D
Acq On : 11 Aug 2011 2:47 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 12 08:05:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	116669	8.95	UG/L	#	77
43) 1,2-DICHLOROETHANE	4.31	62	109424	11.43	UG/L		99
44) TRICHLOROETHENE	4.93	95	64805	11.17	UG/L		99
45) METHYLCYCLOHEXANE	5.11	83	53498	8.35	UG/L		97
46) 1,2-DICHLOROPROPANE	5.15	63	69208	10.69	UG/L		93
47) DIBROMOMETHANE	5.26	93	41760	11.39	UG/L		99
48) 1,4-DIOXANE	5.31	88	7103	162.87	UG/L	#	81
49) BROMODICHLOROMETHANE	5.43	83	65062	11.11	UG/L		99
51) MIBK	6.05	43	874392	109.69	UG/L		96
52) CIS-1,3-DICHLOROPROPENE	5.88	75	67256	8.21	UG/L		95
53) TOLUENE	6.19	91	264676	10.76	UG/L		99
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	60902	9.28	UG/L		97
55) ETHYL METHACRYLATE	6.54	41	64527	9.08	UG/L		98
56) 1,1,2-TRICHLOROETHANE	6.60	97	61172	10.94	UG/L		98
57) 2-HEXANONE	6.87	43	619652	112.23	UG/L		96
58) TETRACHLOROETHENE	6.72	164	48557	11.28	UG/L		97
59) 1,3-DICHLOROPROPANE	6.76	76	100833	10.32	UG/L		95
60) DIBROMOCHLOROMETHANE	6.97	129	46441	11.40	UG/L		99
61) 1,2-DIBROMOETHANE	7.07	107	61120	11.06	UG/L		100
64) CHLOROBENZENE	7.55	112	178183	11.52	UG/L		96
65) 1,1,1,2-TETRACHLOROETHANE	7.64	131	54648	11.68	UG/L		99
66) ETHYLBENZENE	7.67	91	283078	11.23	UG/L		100
67) M/P-XYLENES	7.79	91	452528	23.54	UG/L		98
68) O-XYLENE	8.18	91	230924	11.62	UG/L		98
69) STYRENE	8.20	104	182777	11.85	UG/L		98
70) BROMOFORM	8.36	173	27982	9.59	UG/L	#	95
71) ISOPROPYLBENZENE	8.55	105	235467	12.78	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	23395	8.49	UG/L	#	65
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	78007	10.70	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	21289	8.57	UG/L	#	83
75) BROMOBENZENE	8.82	77	114961	10.67	UG/L		98
76) 1,2,3-TRICHLOROPROPANE	8.88	110	23011	10.40	UG/L		99
77) N-PROPYLBENZENE	8.95	91	290210	11.05	UG/L		100
78) 2-CHLOROTOLUENE	9.02	91	201157	11.51	UG/L		100
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	204138	11.24	UG/L		99
80) 4-CHLOROTOLUENE	9.13	91	236367	11.95	UG/L		99
82) TERT-BUTYLBENZENE	9.45	119	147446	9.80	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	221545	10.89	UG/L		99
84) SEC-BUTYLBENZENE	9.67	105	205878	9.95	UG/L		98
85) 1,3-DICHLOROBENZENE	9.75	146	141152	10.80	UG/L		99
86) P-ISOPROPYLTOLUENE	9.82	119	175219	10.07	UG/L		97
87) 1,4-DICHLOROBENZENE	9.85	146	148872	10.75	UG/L		98
88) N-BUTYLBENZENE	10.22	91	151255	9.48	UG/L		99
89) 1,2-DICHLOROBENZENE	10.21	146	138654	10.69	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	8870	10.65	UG/L		95
91) 1,3,5-TRICHLOROBENZENE	11.19	180	69533	8.89	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.80	180	57732	8.13	UG/L		98
93) HEXACHLOROBUTADIENE	11.98	225	32105	10.68	UG/L		99
94) NAPHTHALENE	12.04	128	118276	8.00	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	47992	8.40	UG/L		99

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223006.D
Acq On : 11 Aug 2011 2:47 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

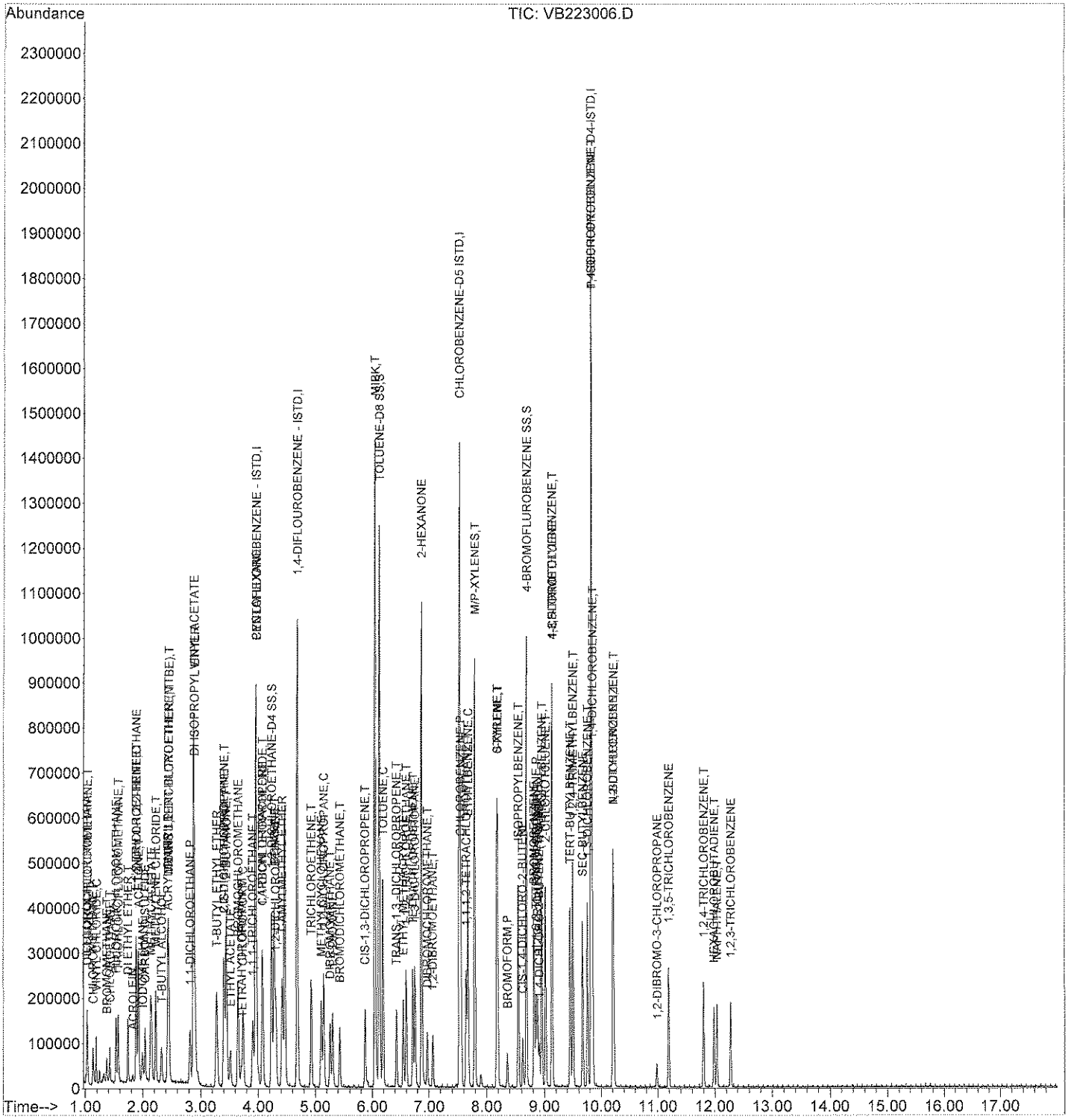
Quant Time: Aug 12 08:05:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223006.D
Acq On : 11 Aug 2011 2:47 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 12 08:05:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-MS1	File ID:	VB223023.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 23:57
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	121	0.54	50	
107-13-1	Acrylonitrile	10.5	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	7.11	0.11	0.50	
71-43-2	Benzene	9.84	0.050	1.0	
108-86-1	Bromobenzene	9.54	0.10	1.0	
74-97-5	Bromochloromethane	10.6	0.10	1.0	
75-27-4	Bromodichloromethane	9.89	0.080	0.50	
75-25-2	Bromoform	8.61	0.25	1.0	
74-83-9	Bromomethane	6.37	0.38	2.0	MS-24
78-93-3	2-Butanone (MEK)	104	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	115	3.5	20	V-16
104-51-8	n-Butylbenzene	8.84	0.050	1.0	
135-98-8	sec-Butylbenzene	8.65	0.050	1.0	
98-06-6	tert-Butylbenzene	8.19	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	6.16	0.070	0.50	MS-07A
75-15-0	Carbon Disulfide	8.25	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.90	0.090	5.0	
108-90-7	Chlorobenzene	10.7	0.050	1.0	
124-48-1	Chlorodibromomethane	9.60	0.12	1.0	
75-00-3	Chloroethane	8.04	0.33	2.0	
67-66-3	Chloroform	10.4	0.040	2.0	
74-87-3	Chloromethane	4.73	0.13	2.0	MS-07A
95-49-8	2-Chlorotoluene	9.82	0.050	1.0	
106-43-4	4-Chlorotoluene	10.1	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.53	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.0	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-MS1	File ID:	VB223023.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 23:57
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	9.97	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.94	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	9.21	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.20	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.37	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	4.10	0.040	2.0	MS-07A
75-34-3	1,1-Dichloroethane	11.9	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.1	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.8	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.27	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.0	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.18	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.20	0.080	0.50	
594-20-7	2,2-Dichloropropane	7.41	0.13	1.0	
563-58-6	1,1-Dichloropropene	9.49	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	6.86	0.070	0.50	MS-24
10061-02-6	trans-1,3-Dichloropropene	7.86	0.12	0.50	
60-29-7	Diethyl Ether	8.88	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.01	0.030	0.50	
123-91-1	1,4-Dioxane	151	3.5	50	MS-12, V-16
100-41-4	Ethylbenzene	9.81	0.050	1.0	
87-68-3	Hexachlorobutadiene	7.42	0.26	1.0	
591-78-6	2-Hexanone (MBK)	113	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.4	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	8.69	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.2	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-MS1	File ID:	VB223023.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/11/11 23:57
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.64	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	110	0.22	10	
91-20-3	Naphthalene	6.48	0.21	2.0	MS-24, V-05
103-65-1	n-Propylbenzene	9.95	0.040	1.0	
100-42-5	Styrene	10.4	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.0	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.6	0.18	0.50	
127-18-4	Tetrachloroethylene	13.5	0.14	1.0	
109-99-9	Tetrahydrofuran	8.48	1.0	10	
108-88-3	Toluene	10.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	6.06	0.22	5.0	MS-24
120-82-1	1,2,4-Trichlorobenzene	6.48	0.11	1.0	MS-24, V-05
108-70-3	1,3,5-Trichlorobenzene	7.12	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.0	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.83	0.080	1.0	
79-01-6	Trichloroethylene	150	0.12	1.0	MS-19
75-69-4	Trichlorofluoromethane (Freon 11)	10.6	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.85	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.0	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.01	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.86	0.060	1.0	
75-01-4	Vinyl Chloride	5.89	0.16	2.0	MS-07A
108383/106423	m+p Xylene	21.0	0.070	2.0	
95-47-6	o-Xylene	9.52	0.050	1.0	

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223023.D
Acq On : 11 Aug 2011 11:57 pm
Operator : LBD/MFF
Sample : 11H0373-04 MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 12 2011

Quant Time: Aug 12 08:06:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	399541	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	620757	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	307729	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	316757	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	223742	25.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%				
42) TOLUENE-D8 SS	6.13	98	601918	25.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	242608	25.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.08%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	26307	4.10	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.04	51	51172	4.67	UG/L		99
5) CHLOROMETHANE	1.13	50	36633	4.73	UG/L		96
6) VINYL CHLORIDE	1.19	62	34465	5.89	UG/L		94
7) BROMOMETHANE	1.37	94	18812	6.37	UG/L		85
8) CHLOROETHANE	1.42	64	24578	8.04	UG/L		98
9) FLUORODICHLOROMETHANE	1.53	67	64630	7.93	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.57	101	69698	10.55	UG/L		99
11) DI ETHYL ETHER	1.74	59	37089	8.88	UG/L		96
12) ACROLEIN	1.83	56	79364	189.19	UG/L	#	96
13) ACETONE	1.93	43	234437	121.16	UG/L		96
14) 1,1-DICHLOROETHENE	1.89	61	82662	11.79	UG/L		97
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	34927	10.04	UG/L		100
16) IODOMETHANE	1.99	142	20308	Below Cal			92
17) METHYL ACETATE	2.16	43	96274	8.21	UG/L		100
18) T-BUTYL ALCOHOL	2.33	59	49803	115.42	UG/L	#	77
19) ACRYLONITRILE	2.43	53	28143	10.48	UG/L		94
20) METHYLENE CHLORIDE	2.23	49	80049	9.64	UG/L		99
21) CARBON DISULFIDE	2.04	76	71548	8.25	UG/L		96
22) METHYL TERT-BUTYL ETHER (M	2.45	73	127777	10.24	UG/L		96
23) TRANS 1,2-DICHLOROETHENE	2.44	61	71372	11.05	UG/L		97
24) 1,1-DICHLOROETHANE	2.82	63	98141	11.88	UG/L		99
25) VINYL ACETATE	2.88	43	1216187	101.97	UG/L		96
26) DI ISOPROPYL ETHER	2.90	45	176328	9.01	UG/L		99
27) 2-BUTANONE	3.45	43	389530	104.10	UG/L		100
28) T-BUTYL ETHYL ETHER	3.28	59	116951	6.16	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.41	61	94580	9.27	UG/L		96
30) 2,2-DICHLOROPROPANE	3.40	77	37375	7.41	UG/L	#	92
31) ETHYL ACETATE	3.52	43	68166	7.46	UG/L		99
32) BROMOCHLOROMETHANE	3.65	128	27083	10.57	UG/L		94
33) TETRAHYDROFURAN	3.71	42	21936	8.48	UG/L	#	52
34) CHLOROFORM	3.74	83	99365	10.38	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.91	97	74172	10.95	UG/L		97
36) CYCLOHEXANE	3.96	56	86588	8.76	UG/L		94
37) CARBON TETRACHLORIDE	4.07	117	58694	9.90	UG/L		97
38) 1,1-DICHLOROPROPENE	4.08	75	66170	9.49	UG/L		99
39) BENZENE	4.28	78	218790	9.84	UG/L		99

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223023.D
Acq On : 11 Aug 2011 11:57 pm
Operator : LBD/MFF
Sample : 11H0373-04 MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 12 08:06:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	86482	7.11	UG/L	#	69
43) 1,2-DICHLOROETHANE	4.31	62	96967	11.07	UG/L		96
44) TRICHLOROETHENE	4.93	95	797837	150.32	UG/L		100
45) METHYLCYCLOHEXANE	5.11	83	49813	8.50	UG/L		96
46) 1,2-DICHLOROPROPANE	5.15	63	54431	9.18	UG/L		93
47) DIBROMOMETHANE	5.26	93	33457	9.97	UG/L		97
48) 1,4-DIOXANE	5.31	88	6043	151.41	UG/L	#	71
49) BROMODICHLOROMETHANE	5.43	83	52974	9.89	UG/L		97
51) MIBK	6.05	43	801235	109.83	UG/L		96
52) CIS-1,3-DICHLOROPROPENE	5.87	75	50837	6.86	UG/L		95
53) TOLUENE	6.19	91	226955	10.08	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	45686	7.86	UG/L		94
55) ETHYL METHACRYLATE	6.55	41	53946	8.30	UG/L		97
56) 1,1,2-TRICHLOROETHANE	6.60	97	50290	9.83	UG/L		96
57) 2-HEXANONE	6.87	43	573317	113.46	UG/L		97
58) TETRACHLOROETHENE	6.72	164	53287	13.53	UG/L		98
59) 1,3-DICHLOROPROPANE	6.76	76	82210	9.20	UG/L		99
60) DIBROMOCHLOROMETHANE	6.97	129	35801	9.60	UG/L		98
61) 1,2-DIBROMOETHANE	7.07	107	50713	10.03	UG/L		100
64) CHLOROBENZENE	7.55	112	154458	10.73	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.65	131	43592	10.01	UG/L		97
66) ETHYLBENZENE	7.68	91	230163	9.81	UG/L		99
67) M/P-XYLENES	7.80	91	375790	21.01	UG/L		100
68) 0-XYLENE	8.18	91	176168	9.52	UG/L		99
69) STYRENE	8.20	104	148820	10.36	UG/L		98
70) BROMOFORM	8.36	173	22374	8.61	UG/L	#	97
71) ISOPROPYLBENZENE	8.55	105	194687	11.35	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	20212	7.88	UG/L	#	64
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	71798	10.59	UG/L		97
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	19334	8.37	UG/L	#	84
75) BROMOBENZENE	8.82	77	95676	9.54	UG/L		98
76) 1,2,3-TRICHLOROPROPANE	8.88	110	20294	9.85	UG/L		87
77) N-PROPYLBENZENE	8.95	91	243103	9.95	UG/L		100
78) 2-CHLOROTOLUENE	9.02	91	159742	9.82	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	166531	9.86	UG/L		99
80) 4-CHLOROTOLUENE	9.13	91	186593	10.13	UG/L		99
82) TERT-BUTYLBENZENE	9.45	119	116295	8.19	UG/L		97
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	173037	9.01	UG/L		97
84) SEC-BUTYLBENZENE	9.66	105	168930	8.65	UG/L		100
85) 1,3-DICHLOROBENZENE	9.76	146	113620	9.21	UG/L		99
86) P-ISOPROPYLTOLUENE	9.82	119	142665	8.69	UG/L		99
87) 1,4-DICHLOROBENZENE	9.85	146	120228	9.20	UG/L		97
88) N-BUTYLBENZENE	10.23	91	133152	8.84	UG/L		98
89) 1,2-DICHLOROBENZENE	10.21	146	121680	9.94	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	7489	9.53	UG/L		94
91) 1,3,5-TRICHLOROBENZENE	11.19	180	52571	7.12	UG/L		97
92) 1,2,4-TRICHLOROBENZENE	11.80	180	43387	6.48	UG/L		97
93) HEXACHLOROBUTADIENE	11.99	225	21044	7.42	UG/L		98
94) NAPHTHALENE	12.04	128	90416	6.48	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	32665	6.06	UG/L		99

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223023.D
Acq On : 11 Aug 2011 11:57 pm
Operator : LBD/MFF
Sample : 11H0373-04 MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 12 08:06:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223023.D
Acq On : 11 Aug 2011 11:57 pm
Operator : LBD/MFF
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QLast Update : Mon Jun 20 12:36:24 2011
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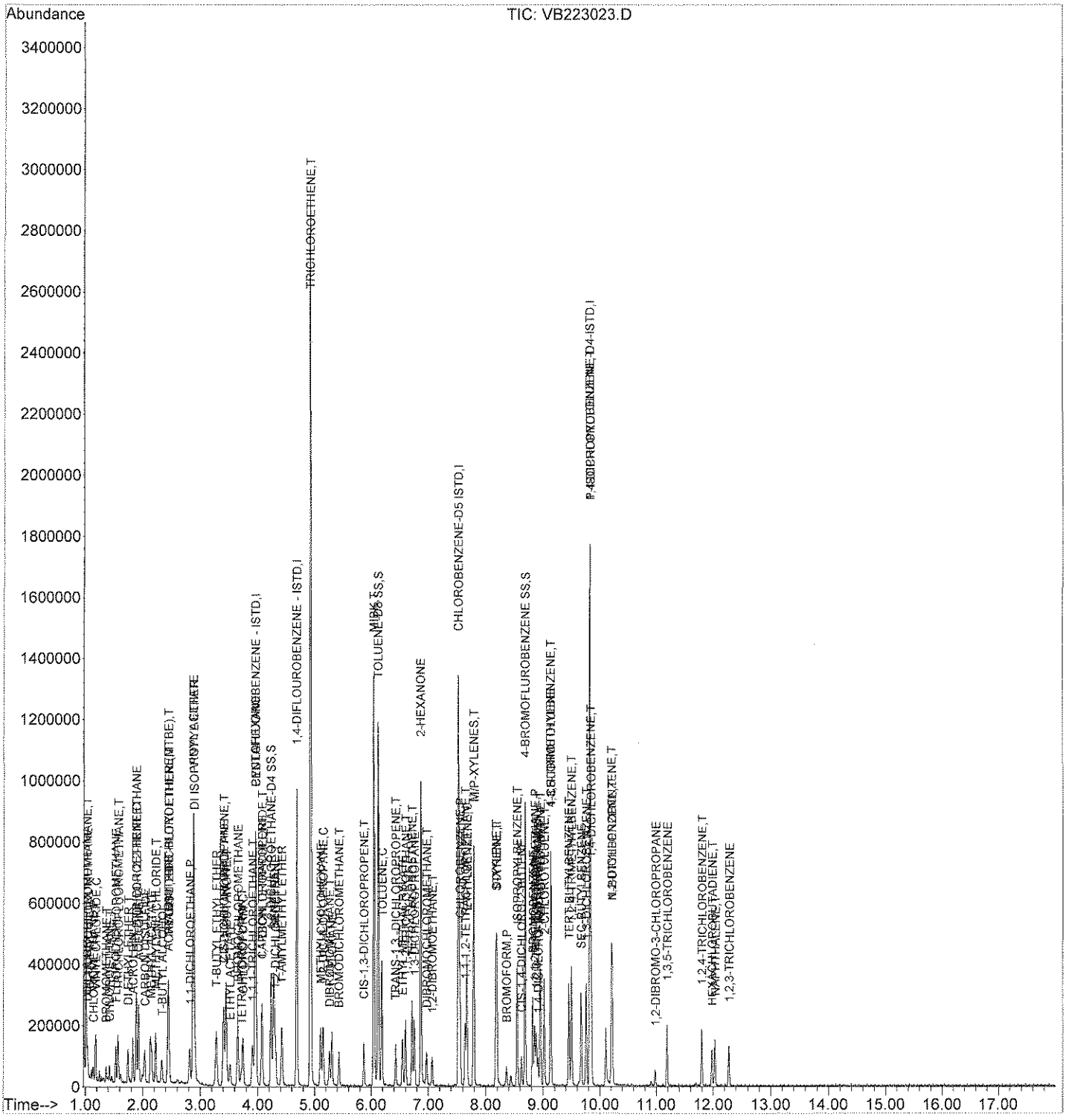

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-MSD1	File ID:	VB223024.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/12/11 00:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	119	0.54	50	
107-13-1	Acrylonitrile	10.1	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	7.81	0.11	0.50	
71-43-2	Benzene	10.7	0.050	1.0	
108-86-1	Bromobenzene	10.6	0.10	1.0	
74-97-5	Bromochloromethane	11.4	0.10	1.0	
75-27-4	Bromodichloromethane	11.2	0.080	0.50	
75-25-2	Bromoform	9.10	0.25	1.0	
74-83-9	Bromomethane	7.60	0.38	2.0	
78-93-3	2-Butanone (MEK)	104	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	114	3.5	20	V-16
104-51-8	n-Butylbenzene	9.41	0.050	1.0	
135-98-8	sec-Butylbenzene	9.26	0.050	1.0	
98-06-6	tert-Butylbenzene	8.86	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	6.82	0.070	0.50	MS-07A
75-15-0	Carbon Disulfide	9.02	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.78	0.090	5.0	
108-90-7	Chlorobenzene	11.9	0.050	1.0	
124-48-1	Chlorodibromomethane	11.1	0.12	1.0	
75-00-3	Chloroethane	8.55	0.33	2.0	
67-66-3	Chloroform	11.5	0.040	2.0	
74-87-3	Chloromethane	4.95	0.13	2.0	MS-07A
95-49-8	2-Chlorotoluene	10.9	0.050	1.0	
106-43-4	4-Chlorotoluene	11.6	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.71	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.7	0.14	0.50	

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-MSD1	File ID:	VB223024.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/12/11 00:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.1	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.1	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.0	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.93	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.93	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	3.75	0.040	2.0	MS-07A
75-34-3	1,1-Dichloroethane	13.0	0.090	1.0	
107-06-2	1,2-Dichloroethane	12.1	0.090	1.0	
75-35-4	1,1-Dichloroethylene	12.0	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.8	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.70	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.2	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.14	0.13	1.0	
563-58-6	1,1-Dichloropropene	9.83	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	7.84	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	8.84	0.12	0.50	
60-29-7	Diethyl Ether	10.1	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.3	0.030	0.50	
123-91-1	1,4-Dioxane	143	3.5	50	MS-12, V-16
100-41-4	Ethylbenzene	10.9	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.26	0.26	1.0	
591-78-6	2-Hexanone (MBK)	114	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.1	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	9.20	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.1	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0373
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035298-MSD1	File ID:	VB223024.D
Sampled:		Prepared:	08/11/11 10:23	Analyzed:	08/12/11 00:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035298	Sequence:	S001080	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.6	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	112	0.22	10	
91-20-3	Naphthalene	7.07	0.21	2.0	V-05
103-65-1	n-Propylbenzene	10.6	0.040	1.0	
100-42-5	Styrene	11.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.3	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.9	0.18	0.50	
127-18-4	Tetrachloroethylene	13.9	0.14	1.0	
109-99-9	Tetrahydrofuran	8.63	1.0	10	
108-88-3	Toluene	11.0	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	7.20	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	7.42	0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene	7.91	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.4	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.1	0.080	1.0	
79-01-6	Trichloroethylene	137	0.12	1.0	MS-19
75-69-4	Trichlorofluoromethane (Freon 11)	10.1	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.5	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.67	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.85	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.0	0.060	1.0	
75-01-4	Vinyl Chloride	6.34	0.16	2.0	MS-07A
108383/106423	m+p Xylene	23.2	0.070	2.0	
95-47-6	o-Xylene	11.1	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223024.D
Acq On : 12 Aug 2011 12:29 am
Operator : LBD/MFF
Sample : 11H0373-04 MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 12 2011

Quant Time: Aug 12 08:06:14 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	411267	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	635662	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	311955	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	324977	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	230966	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
42) TOLUENE-D8 SS	6.13	98	612665	24.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	246253	25.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.20%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	24766	3.75	UG/L		97
4) DIFLUOROCHLOROMETHANE	1.04	51	51791	4.59	UG/L		96
5) CHLOROMETHANE	1.13	50	39489	4.95	UG/L		95
6) VINYL CHLORIDE	1.18	62	38199	6.34	UG/L		97
7) BROMOMETHANE	1.37	94	23083	7.60	UG/L		98
8) CHLOROETHANE	1.42	64	26926	8.55	UG/L		93
9) FLUORODICHLOROMETHANE	1.53	67	72791	8.68	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.57	101	68675	10.10	UG/L		100
11) DI ETHYL ETHER	1.74	59	43556	10.13	UG/L		94
12) ACROLEIN	1.82	56	64959	150.44	UG/L	#	92
13) ACETONE	1.93	43	237896	119.44	UG/L		97
14) 1,1-DICHLOROETHENE	1.89	61	86743	12.02	UG/L		97
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	34647	9.67	UG/L		96
16) IODOMETHANE	2.00	142	30777	Below Cal			93
17) METHYL ACETATE	2.16	43	102788	8.51	UG/L		100
18) T-BUTYL ALCOHOL	2.33	59	50854	114.50	UG/L	#	78
19) ACRYLONITRILE	2.43	53	27925	10.11	UG/L		94
20) METHYLENE CHLORIDE	2.23	49	90456	10.58	UG/L		99
21) CARBON DISULFIDE	2.04	76	80587	9.02	UG/L		96
22) METHYL TERT-BUTYL ETHER (M	2.45	73	142078	11.06	UG/L		93
23) TRANS 1,2-DICHLOROETHENE	2.45	61	78351	11.79	UG/L		99
24) 1,1-DICHLOROETHANE	2.82	63	110315	12.98	UG/L		100
25) VINYL ACETATE	2.88	43	1394105	113.55	UG/L		96
26) DI ISOPROPYL ETHER	2.90	45	206823	10.27	UG/L		98
27) 2-BUTANONE	3.45	43	398767	103.53	UG/L		99
28) T-BUTYL ETHYL ETHER	3.28	59	133284	6.82	UG/L		95
29) CIS-1,2-DICHLOROETHENE	3.41	61	108761	10.36	UG/L		98
30) 2,2-DICHLOROPROPANE	3.40	77	42243	8.14	UG/L		98
31) ETHYL ACETATE	3.52	43	72589	7.72	UG/L		99
32) BROMOCHLOROMETHANE	3.64	128	30121	11.42	UG/L		97
33) TETRAHYDROFURAN	3.71	42	22960	8.63	UG/L	#	63
34) CHLOROFORM	3.74	83	113428	11.51	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.91	97	79672	11.43	UG/L		94
36) CYCLOHEXANE	3.96	56	88349	8.68	UG/L		95
37) CARBON TETRACHLORIDE	4.07	117	59669	9.78	UG/L		97
38) 1,1-DICHLOROPROPENE	4.08	75	70574	9.83	UG/L		98
39) BENZENE	4.28	78	244040	10.66	UG/L		99

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223024.D
Acq On : 12 Aug 2011 12:29 am
Operator : LBD/MFF
Sample : 11H0373-04 MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 12 08:06:14 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	97802	7.81	UG/L	#	67
43) 1,2-DICHLOROETHANE	4.31	62	108217	12.06	UG/L		99
44) TRICHLOROETHENE	4.93	95	744407	136.96	UG/L		100
45) METHYLCYCLOHEXANE	5.11	83	46303	7.72	UG/L		99
46) 1,2-DICHLOROPROPANE	5.15	63	58866	9.70	UG/L	#	90
47) DIBROMOMETHANE	5.26	93	38183	11.11	UG/L		99
48) 1,4-DIOXANE	5.30	88	5827	142.58	UG/L	#	51
49) BROMODICHLOROMETHANE	5.43	83	61665	11.24	UG/L		99
51) MIBK	6.05	43	833488	111.57	UG/L		96
52) CIS-1,3-DICHLOROPROPENE	5.88	75	60007	7.84	UG/L		98
53) TOLUENE	6.19	91	254178	11.03	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	53866	8.84	UG/L		97
55) ETHYL METHACRYLATE	6.55	41	59607	8.95	UG/L		95
56) 1,1,2-TRICHLOROETHANE	6.60	97	58135	11.09	UG/L		100
57) 2-HEXANONE	6.87	43	589093	113.85	UG/L		95
58) TETRACHLOROETHENE	6.71	164	55935	13.87	UG/L		98
59) 1,3-DICHLOROPROPANE	6.76	76	93069	10.17	UG/L		96
60) DIBROMOCHLOROMETHANE	6.97	129	42283	11.07	UG/L		100
61) 1,2-DIBROMOETHANE	7.07	107	55284	10.68	UG/L		98
64) CHLOROBENZENE	7.55	112	173137	11.86	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.65	131	49946	11.31	UG/L		100
66) ETHYLBENZENE	7.68	91	259212	10.90	UG/L		100
67) M/P-XYLENES	7.79	91	420805	23.21	UG/L		100
68) O-XYLENE	8.18	91	207996	11.09	UG/L		98
69) STYRENE	8.20	104	165026	11.34	UG/L		99
70) BROMOFORM	8.36	173	24559	9.10	UG/L	#	97
71) ISOPROPYLBENZENE	8.55	105	210903	12.13	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.63	53	21649	8.33	UG/L	#	65
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	74952	10.90	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	20925	8.93	UG/L	#	82
75) BROMOBENZENE	8.82	77	107241	10.55	UG/L		99
76) 1,2,3-TRICHLOROPROPANE	8.89	110	21994	10.53	UG/L		94
77) N-PROPYLBENZENE	8.95	91	263196	10.63	UG/L		100
78) 2-CHLOROTOLUENE	9.02	91	179170	10.86	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	188142	10.99	UG/L		96
80) 4-CHLOROTOLUENE	9.13	91	216010	11.57	UG/L		99
82) TERT-BUTYLBENZENE	9.45	119	129078	8.86	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	194011	9.85	UG/L		98
84) SEC-BUTYLBENZENE	9.66	105	185507	9.26	UG/L		98
85) 1,3-DICHLOROBENZENE	9.76	146	126683	10.01	UG/L		99
86) P-ISOPROPYLTOLUENE	9.82	119	154950	9.20	UG/L		97
87) 1,4-DICHLOROBENZENE	9.85	146	133181	9.93	UG/L		98
88) N-BUTYLBENZENE	10.22	91	145360	9.41	UG/L		98
89) 1,2-DICHLOROBENZENE	10.21	146	139606	11.12	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	7828	9.71	UG/L		93
91) 1,3,5-TRICHLOROBENZENE	11.19	180	59907	7.91	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.80	180	51009	7.42	UG/L		98
93) HEXACHLOROBUTADIENE	11.98	225	26966	9.26	UG/L		97
94) NAPHTHALENE	12.04	128	101205	7.07	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	39857	7.20	UG/L		97

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223024.D
Acq On : 12 Aug 2011 12:29 am
Operator : LBD/MFF
Sample : 11H0373-04 MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 12 08:06:14 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDChem\1\DATA\081111\
Data File : VB223024.D
Acq On : 12 Aug 2011 12:29 am
Operator : LBD/MFF
Sample : 11H0373-04 MSD
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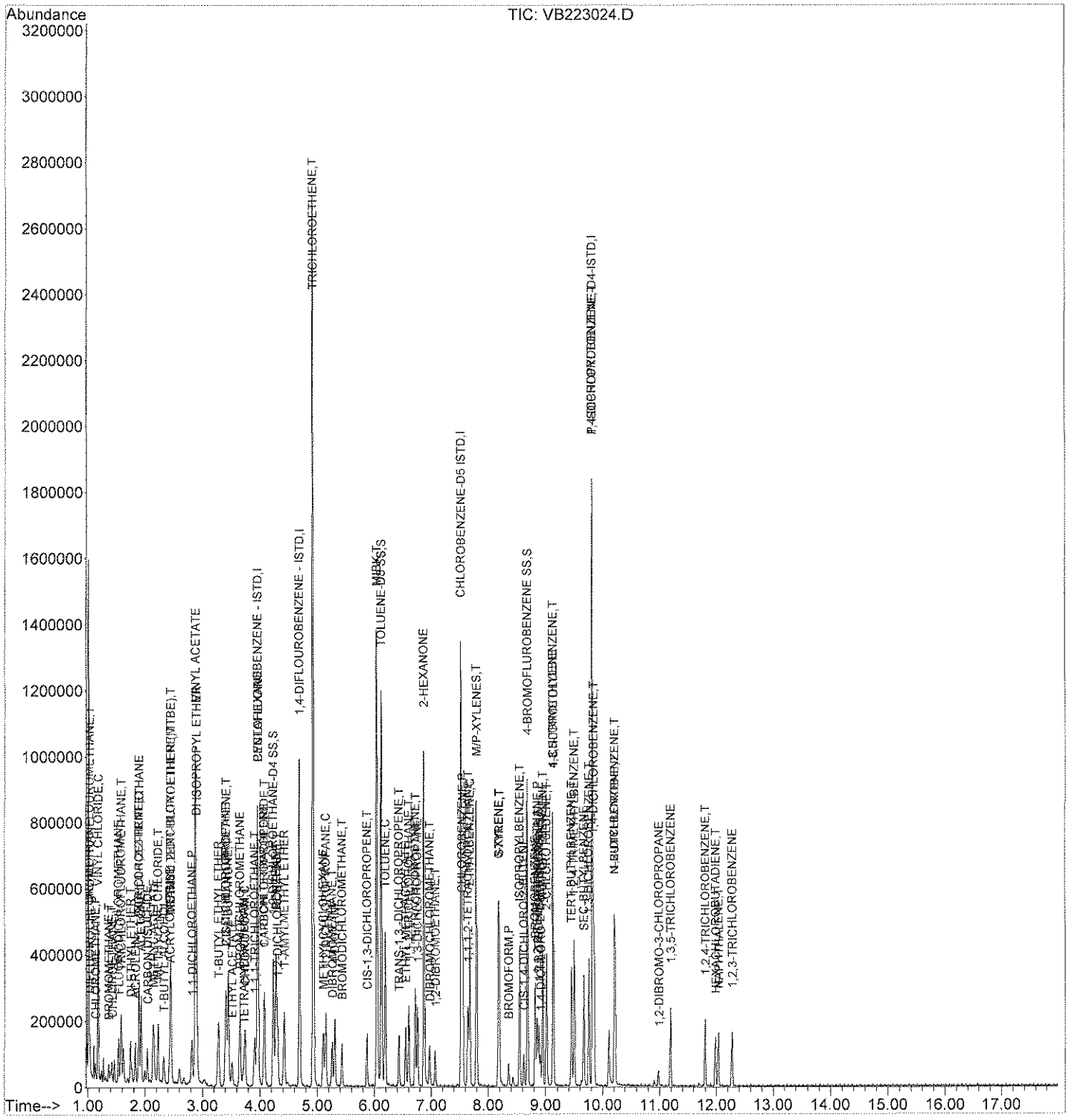


con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

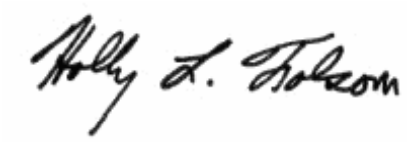
August 17, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.02
Laboratory Work Order Number: 11H0373

Enclosed are results of analyses for samples received by the laboratory on August 10, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

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

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 8/17/2011

PURCHASE ORDER NUMBER: 002699.ID25.02

PROJECT NUMBER: 002699.ID25.02

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0373

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

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-08082011	11H0373-01	Trip Blank Water		SW-846 8260C	
PW15-25	11H0373-02	Ground Water		SW-846 8260C	
PW15-50	11H0373-03	Ground Water		SW-846 8260C	
PW15-75	11H0373-04	Ground Water		SW-846 8260C	

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

CASE NARRATIVE SUMMARY

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

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

SW-846 8260C

Qualifications:

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

Analyte & Samples(s) Qualified:

1,4-Dioxane

B035298-BS1, B035298-BSD1

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

Analyte & Samples(s) Qualified:

Chloromethane, Dichlorodifluoromethane (Freon 12), tert-Butyl Ethyl Ether (TBEE), Vinyl Chloride

11H0373-04[PW15-75], B035298-MS1, B035298-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

1,4-Dioxane

B035298-MS1, B035298-MSD1

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Trichloroethylene

B035298-MS1, B035298-MSD1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Bromomethane, cis-1,3-Dichloropropene, Naphthalene

B035298-MS1

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

Analyte & Samples(s) Qualified:

1,2,4-Trichlorobenzene, Naphthalene

11H0373-01[TB-08082011], 11H0373-02[PW15-25], 11H0373-03[PW15-50], 11H0373-04[PW15-75], B035298-BLK1, B035298-BS1, B035298-BSD1, B035298-MS1, B035298-MSD1

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

Analyte & Samples(s) Qualified:

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

11H0373-01[TB-08082011], 11H0373-02[PW15-25], 11H0373-03[PW15-50], 11H0373-04[PW15-75], B035298-BLK1, B035298-BS1, B035298-BSD1, B035298-MS1, B035298-MSD1

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

Analyte & Samples(s) Qualified:

1,4-Dioxane, Carbon Disulfide

B035298-BS1, B035298-BSD1

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

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

Michael A. Erickson
Laboratory Director

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0373

Date Received: 8/10/2011

Field Sample #: TB-08082011 | Sampled: 8/8/2011 08:15

Sample ID: 11H0373-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/11/11	8/11/11 19:06	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0373

Date Received: 8/10/2011

Field Sample #: TB-08082011 | Sampled: 8/8/2011 08:15

Sample ID: 11H0373-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/11/11	8/11/11 19:06	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 19:06	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		8/11/11 19:06
Toluene-d8	96.8	70-130		8/11/11 19:06
4-Bromofluorobenzene	93.0	70-130		8/11/11 19:06

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0373

Date Received: 8/10/2011

Field Sample #: PW15-25 | Sampled: 8/8/2011 10:25

Sample ID: 11H0373-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/11/11	8/11/11 22:20	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0373

Date Received: 8/10/2011

Field Sample #: PW15-25 | Sampled: 8/8/2011 10:25

Sample ID: 11H0373-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/11/11	8/11/11 22:20	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:20	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		8/11/11 22:20
Toluene-d8	96.8	70-130		8/11/11 22:20
4-Bromofluorobenzene	98.7	70-130		8/11/11 22:20

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0373

Date Received: 8/10/2011

Field Sample #: PW15-50 | Sampled: 8/9/2011 08:05

Sample ID: 11H0373-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/11/11	8/11/11 22:52	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0373

Date Received: 8/10/2011

Field Sample #: PW15-50 | Sampled: 8/9/2011 08:05

Sample ID: 11H0373-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/11/11	8/11/11 22:52	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Tetrachloroethylene	1.0	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 22:52	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	110	70-130		8/11/11 22:52
Toluene-d8	95.8	70-130		8/11/11 22:52
4-Bromofluorobenzene	94.8	70-130		8/11/11 22:52

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0373

Date Received: 8/10/2011

Field Sample #: PW15-75 | Sampled: 8/9/2011 09:25

Sample ID: 11H0373-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/11/11	8/11/11 23:25	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1	MS-07A	SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Chloromethane	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	8/11/11	8/11/11 23:25	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,1-Dichloroethane	1.5	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,1-Dichloroethylene	1.2	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0373

Date Received: 8/10/2011

Field Sample #: PW15-75 | Sampled: 8/9/2011 09:25

Sample ID: 11H0373-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Methyl tert-Butyl Ether (MTBE)	1.6	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/11/11	8/11/11 23:25	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Tetrachloroethylene	2.1	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Trichloroethylene	120	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/11/11	8/11/11 23:25	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	108	70-130		8/11/11 23:25
Toluene-d8	97.2	70-130		8/11/11 23:25
4-Bromofluorobenzene	94.3	70-130		8/11/11 23:25

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0373-01 [TB-08082011]	B035298	5	5.00	08/11/11
11H0373-02 [PW15-25]	B035298	5	5.00	08/11/11
11H0373-03 [PW15-50]	B035298	5	5.00	08/11/11
11H0373-04 [PW15-75]	B035298	5	5.00	08/11/11

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035298 - SW-846 5030B										
Blank (B035298-BLK1)				Prepared & Analyzed: 08/11/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	1.0	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B035298 - SW-846 5030B											
Blank (B035298-BLK1)				Prepared & Analyzed: 08/11/11							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L							V-05	
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L							V-05	
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.9*		µg/L	25.0		104	70-130				
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.4	70-130				
Surrogate: 4-Bromofluorobenzene	*23.5*		µg/L	25.0		94.0	70-130				
LCS (B035298-BS1)				Prepared & Analyzed: 08/11/11							
Acetone	120	50	µg/L	100		120	70-160				†
Acrylonitrile	10.2	5.0	µg/L	10.0		102	70-130				
tert-Amyl Methyl Ether (TAME)	8.65	0.50	µg/L	10.0		86.5	70-130				
Benzene	9.79	1.0	µg/L	10.0		97.9	70-130				
Bromobenzene	10.2	1.0	µg/L	10.0		102	70-130				
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130				
Bromodichloromethane	10.8	0.50	µg/L	10.0		108	70-130				
Bromoform	9.25	1.0	µg/L	10.0		92.5	70-130				
Bromomethane	6.54	2.0	µg/L	10.0		65.4	40-160				†
2-Butanone (MEK)	104	20	µg/L	100		104	40-160				†
tert-Butyl Alcohol (TBA)	109	20	µg/L	100		109	40-160			V-16	†
n-Butylbenzene	8.94	1.0	µg/L	10.0		89.4	70-130				
sec-Butylbenzene	9.19	1.0	µg/L	10.0		91.9	70-130				
tert-Butylbenzene	9.19	1.0	µg/L	10.0		91.9	70-130				
tert-Butyl Ethyl Ether (TBEE)	7.12	0.50	µg/L	10.0		71.2	70-130				
Carbon Disulfide	9.51	2.0	µg/L	10.0		95.1	70-130			V-20	
Carbon Tetrachloride	9.37	5.0	µg/L	10.0		93.7	70-130				
Chlorobenzene	11.1	1.0	µg/L	10.0		111	70-130				
Chlorodibromomethane	10.9	1.0	µg/L	10.0		109	70-130				
Chloroethane	9.09	2.0	µg/L	10.0		90.9	70-130				
Chloroform	10.1	2.0	µg/L	10.0		101	70-130				
Chloromethane	6.80	2.0	µg/L	10.0		68.0	40-160				†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B035298 - SW-846 5030B												
LCS (B035298-BS1)				Prepared & Analyzed: 08/11/11								
4-Chlorotoluene	11.3	1.0	µg/L	10.0		113		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.98	5.0	µg/L	10.0		99.8		70-130				
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110		70-130				
Dibromomethane	10.7	1.0	µg/L	10.0		107		70-130				
1,2-Dichlorobenzene	9.91	1.0	µg/L	10.0		99.1		70-130				
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130				
1,4-Dichlorobenzene	9.90	1.0	µg/L	10.0		99.0		70-130				
trans-1,4-Dichloro-2-butene	8.71	2.0	µg/L	10.0		87.1		70-130				
Dichlorodifluoromethane (Freon 12)	7.62	2.0	µg/L	10.0		76.2		40-160				†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichloroethane	11.1	1.0	µg/L	10.0		111		70-130				
1,1-Dichloroethylene	10.5	1.0	µg/L	10.0		105		70-130				
cis-1,2-Dichloroethylene	8.94	1.0	µg/L	10.0		89.4		70-130				
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0		111		70-130				
1,2-Dichloropropane	10.2	1.0	µg/L	10.0		102		70-130				
1,3-Dichloropropane	10.2	0.50	µg/L	10.0		102		70-130				
2,2-Dichloropropane	8.06	1.0	µg/L	10.0		80.6		40-130				†
1,1-Dichloropropene	9.59	2.0	µg/L	10.0		95.9		70-130				
cis-1,3-Dichloropropene	7.93	0.50	µg/L	10.0		79.3		70-130				
trans-1,3-Dichloropropene	9.03	0.50	µg/L	10.0		90.3		70-130				
Diethyl Ether	10.7	2.0	µg/L	10.0		107		70-130				
Diisopropyl Ether (DIPE)	9.60	0.50	µg/L	10.0		96.0		70-130				
1,4-Dioxane	160	50	µg/L	100		**160**	*	40-130			V-20, L-02, V-16	†
Ethylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
Hexachlorobutadiene	10.1	1.0	µg/L	10.0		101		70-130				
2-Hexanone (MBK)	112	10	µg/L	100		112		70-160				†
Isopropylbenzene (Cumene)	11.8	1.0	µg/L	10.0		118		70-130				
p-Isopropyltoluene (p-Cymene)	9.33	1.0	µg/L	10.0		93.3		70-130				
Methyl tert-Butyl Ether (MTBE)	9.61	1.0	µg/L	10.0		96.1		70-130				
Methylene Chloride	11.5	5.0	µg/L	10.0		115		70-130				
4-Methyl-2-pentanone (MIBK)	109	10	µg/L	100		109		70-160				†
Naphthalene	7.87	2.0	µg/L	10.0		78.7		40-130			V-05	†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
Styrene	11.4	1.0	µg/L	10.0		114		70-130				
1,1,1,2-Tetrachloroethane	11.1	1.0	µg/L	10.0		111		70-130				
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110		70-130				
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108		70-130				
Tetrahydrofuran	8.89	10	µg/L	10.0		88.9		70-130				
Toluene	10.6	1.0	µg/L	10.0		106		70-130				
1,2,3-Trichlorobenzene	8.36	5.0	µg/L	10.0		83.6		70-130				
1,2,4-Trichlorobenzene	8.18	1.0	µg/L	10.0		81.8		70-130			V-05	
1,3,5-Trichlorobenzene	8.64	1.0	µg/L	10.0		86.4		70-130				
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106		70-130				
Trichloroethylene	10.3	1.0	µg/L	10.0		103		70-130				
Trichlorofluoromethane (Freon 11)	9.17	2.0	µg/L	10.0		91.7		70-130				
1,2,3-Trichloropropane	10.1	2.0	µg/L	10.0		101		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93	1.0	µg/L	10.0		99.3		70-130				
1,2,4-Trimethylbenzene	9.92	1.0	µg/L	10.0		99.2		70-130				
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.0		107		70-130				
Vinyl Chloride	7.37	2.0	µg/L	10.0		73.7		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B035298 - SW-846 5030B											
LCS (B035298-BS1)				Prepared & Analyzed: 08/11/11							
m+p Xylene	22.2	2.0	µg/L	20.0		111	70-130				
o-Xylene	10.9	1.0	µg/L	10.0		109	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.6*		µg/L	25.0		98.5	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.4	70-130				
Surrogate: 4-Bromofluorobenzene	*25.9*		µg/L	25.0		104	70-130				
LCS Dup (B035298-BSD1)				Prepared & Analyzed: 08/11/11							
Acetone	128	50	µg/L	100		128	70-160	6.20	25		†
Acrylonitrile	9.78	5.0	µg/L	10.0		97.8	70-130	4.11	25		
tert-Amyl Methyl Ether (TAME)	8.95	0.50	µg/L	10.0		89.5	70-130	3.41	25		
Benzene	10.5	1.0	µg/L	10.0		105	70-130	7.28	25		
Bromobenzene	10.7	1.0	µg/L	10.0		107	70-130	4.50	25		
Bromochloromethane	11.9	1.0	µg/L	10.0		119	70-130	3.08	25		
Bromodichloromethane	11.1	0.50	µg/L	10.0		111	70-130	2.46	25		
Bromoform	9.59	1.0	µg/L	10.0		95.9	70-130	3.61	25		
Bromomethane	7.53	2.0	µg/L	10.0		75.3	40-160	14.1	25		†
2-Butanone (MEK)	107	20	µg/L	100		107	40-160	3.13	25		†
tert-Butyl Alcohol (TBA)	113	20	µg/L	100		113	40-160	3.18	25	V-16	†
n-Butylbenzene	9.48	1.0	µg/L	10.0		94.8	70-130	5.86	25		
sec-Butylbenzene	9.95	1.0	µg/L	10.0		99.5	70-130	7.94	25		
tert-Butylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130	6.42	25		
tert-Butyl Ethyl Ether (TBEE)	7.47	0.50	µg/L	10.0		74.7	70-130	4.80	25		
Carbon Disulfide	10.3	2.0	µg/L	10.0		103	70-130	8.36	25	V-20	
Carbon Tetrachloride	10.5	5.0	µg/L	10.0		105	70-130	11.2	25		
Chlorobenzene	11.5	1.0	µg/L	10.0		115	70-130	3.44	25		
Chlorodibromomethane	11.4	1.0	µg/L	10.0		114	70-130	4.58	25		
Chloroethane	9.99	2.0	µg/L	10.0		99.9	70-130	9.43	25		
Chloroform	10.8	2.0	µg/L	10.0		108	70-130	6.33	25		
Chloromethane	7.30	2.0	µg/L	10.0		73.0	40-160	7.09	25		†
2-Chlorotoluene	11.5	1.0	µg/L	10.0		115	70-130	6.09	25		
4-Chlorotoluene	12.0	1.0	µg/L	10.0		120	70-130	5.77	25		
1,2-Dibromo-3-chloropropane (DBCP)	10.6	5.0	µg/L	10.0		106	70-130	6.50	25		
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.0		111	70-130	1.00	25		
Dibromomethane	11.4	1.0	µg/L	10.0		114	70-130	5.97	25		
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	7.57	25		
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	5.91	25		
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	8.23	25		
trans-1,4-Dichloro-2-butene	8.57	2.0	µg/L	10.0		85.7	70-130	1.62	25		
Dichlorodifluoromethane (Freon 12)	7.98	2.0	µg/L	10.0		79.8	40-160	4.62	25		†
1,1-Dichloroethane	11.4	1.0	µg/L	10.0		114	70-130	9.33	25		
1,2-Dichloroethane	11.4	1.0	µg/L	10.0		114	70-130	3.11	25		
1,1-Dichloroethylene	11.5	1.0	µg/L	10.0		115	70-130	9.45	25		
cis-1,2-Dichloroethylene	9.59	1.0	µg/L	10.0		95.9	70-130	7.02	25		
trans-1,2-Dichloroethylene	12.4	1.0	µg/L	10.0		124	70-130	10.9	25		
1,2-Dichloropropane	10.7	1.0	µg/L	10.0		107	70-130	4.99	25		
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130	0.876	25		
2,2-Dichloropropane	8.95	1.0	µg/L	10.0		89.5	40-130	10.5	25		†
1,1-Dichloropropene	10.2	2.0	µg/L	10.0		102	70-130	5.97	25		
cis-1,3-Dichloropropene	8.21	0.50	µg/L	10.0		82.1	70-130	3.47	25		
trans-1,3-Dichloropropene	9.28	0.50	µg/L	10.0		92.8	70-130	2.73	25		
Diethyl Ether	11.3	2.0	µg/L	10.0		113	70-130	5.17	25		
Diisopropyl Ether (DIPE)	10.2	0.50	µg/L	10.0		102	70-130	6.45	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B035298 - SW-846 5030B												
LCS Dup (B035298-BSD1)				Prepared & Analyzed: 08/11/11								
1,4-Dioxane	163	50	µg/L	100		**163**	*	40-130	1.86	50	L-02, V-16, V-20	† ‡
Ethylbenzene	11.2	1.0	µg/L	10.0		112		70-130	6.53	25		
Hexachlorobutadiene	10.7	1.0	µg/L	10.0		107		70-130	5.68	25		
2-Hexanone (MBK)	112	10	µg/L	100		112		70-160	0.626	25		†
Isopropylbenzene (Cumene)	12.8	1.0	µg/L	10.0		128		70-130	8.23	25		
p-Isopropyltoluene (p-Cymene)	10.1	1.0	µg/L	10.0		101		70-130	7.63	25		
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.0		102		70-130	5.66	25		
Methylene Chloride	11.9	5.0	µg/L	10.0		119		70-130	3.93	25		
4-Methyl-2-pentanone (MIBK)	110	10	µg/L	100		110		70-160	0.686	25		†
Naphthalene	8.00	2.0	µg/L	10.0		80.0		40-130	1.64	25	V-05	†
n-Propylbenzene	11.0	1.0	µg/L	10.0		110		70-130	4.72	25		
Styrene	11.8	1.0	µg/L	10.0		118		70-130	4.13	25		
1,1,1,2-Tetrachloroethane	11.7	1.0	µg/L	10.0		117		70-130	4.82	25		
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0		107		70-130	2.40	25		
Tetrachloroethylene	11.3	1.0	µg/L	10.0		113		70-130	4.35	25		
Tetrahydrofuran	8.36	10	µg/L	10.0		83.6		70-130	6.14	25		
Toluene	10.8	1.0	µg/L	10.0		108		70-130	1.69	25		
1,2,3-Trichlorobenzene	8.40	5.0	µg/L	10.0		84.0		70-130	0.477	25		
1,2,4-Trichlorobenzene	8.13	1.0	µg/L	10.0		81.3		70-130	0.613	25	V-05	
1,3,5-Trichlorobenzene	8.89	1.0	µg/L	10.0		88.9		70-130	2.85	25		
1,1,1-Trichloroethane	11.1	1.0	µg/L	10.0		111		70-130	6.97	25		
1,1,2-Trichloroethane	10.9	1.0	µg/L	10.0		109		70-130	2.78	25		
Trichloroethylene	11.2	1.0	µg/L	10.0		112		70-130	8.20	25		
Trichlorofluoromethane (Freon 11)	10.5	2.0	µg/L	10.0		105		70-130	13.8	25		
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.0		104		70-130	2.93	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	1.0	µg/L	10.0		107		70-130	7.56	25		
1,2,4-Trimethylbenzene	10.9	1.0	µg/L	10.0		109		70-130	9.32	25		
1,3,5-Trimethylbenzene	11.2	1.0	µg/L	10.0		112		70-130	5.11	25		
Vinyl Chloride	8.17	2.0	µg/L	10.0		81.7		40-160	10.3	25		†
m+p Xylene	23.5	2.0	µg/L	20.0		118		70-130	5.63	25		
o-Xylene	11.6	1.0	µg/L	10.0		116		70-130	6.58	25		
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.1		70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.0		70-130				
Surrogate: 4-Bromofluorobenzene	*25.6*		µg/L	25.0		103		70-130				
Matrix Spike (B035298-MS1)		**Source: 11H0373-04**		Prepared & Analyzed: 08/11/11								
Acetone	121	50	µg/L	100	11.2	110		70-130				
Acrylonitrile	10.5	5.0	µg/L	10.0	ND	105		70-130				
tert-Amyl Methyl Ether (TAME)	7.11	0.50	µg/L	10.0	ND	71.1		70-130				
Benzene	9.84	1.0	µg/L	10.0	0.580	92.6		70-130				
Bromobenzene	9.54	1.0	µg/L	10.0	ND	95.4		70-130				
Bromochloromethane	10.6	1.0	µg/L	10.0	ND	106		70-130				
Bromodichloromethane	9.89	0.50	µg/L	10.0	ND	98.9		70-130				
Bromoform	8.61	1.0	µg/L	10.0	ND	86.1		70-130				
Bromomethane	6.37	2.0	µg/L	10.0	ND	**63.7**	*	70-130			MS-24	
2-Butanone (MEK)	104	20	µg/L	100	1.48	103		70-130				
tert-Butyl Alcohol (TBA)	115	20	µg/L	100	ND	115		70-130			V-16	
n-Butylbenzene	8.84	1.0	µg/L	10.0	ND	88.4		70-130				
sec-Butylbenzene	8.65	1.0	µg/L	10.0	ND	86.5		70-130				
tert-Butylbenzene	8.19	1.0	µg/L	10.0	ND	81.9		70-130				
tert-Butyl Ethyl Ether (TBEE)	6.16	0.50	µg/L	10.0	ND	**61.6**	*	70-130			MS-07A	
Carbon Disulfide	8.25	2.0	µg/L	10.0	0.530	77.2		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B035298 - SW-846 5030B											
Matrix Spike (B035298-MS1)	**Source: 11H0373-04**			Prepared & Analyzed: 08/11/11							
Carbon Tetrachloride	9.90	5.0	µg/L	10.0	ND	99.0		70-130			
Chlorobenzene	10.7	1.0	µg/L	10.0	0.620	101		70-130			
Chlorodibromomethane	9.60	1.0	µg/L	10.0	ND	96.0		70-130			
Chloroethane	8.04	2.0	µg/L	10.0	ND	80.4		70-130			
Chloroform	10.4	2.0	µg/L	10.0	0.840	95.4		70-130			
Chloromethane	4.73	2.0	µg/L	10.0	ND	**47.3**	*	70-130			MS-07A
2-Chlorotoluene	9.82	1.0	µg/L	10.0	ND	98.2		70-130			
4-Chlorotoluene	10.1	1.0	µg/L	10.0	ND	101		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.53	5.0	µg/L	10.0	ND	95.3		70-130			
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.0	ND	100		70-130			
Dibromomethane	9.97	1.0	µg/L	10.0	ND	99.7		70-130			
1,2-Dichlorobenzene	9.94	1.0	µg/L	10.0	0.770	91.7		70-130			
1,3-Dichlorobenzene	9.21	1.0	µg/L	10.0	ND	92.1		70-130			
1,4-Dichlorobenzene	9.20	1.0	µg/L	10.0	0.130	90.7		70-130			
trans-1,4-Dichloro-2-butene	8.37	2.0	µg/L	10.0	ND	83.7		70-130			
Dichlorodifluoromethane (Freon 12)	4.10	2.0	µg/L	10.0	ND	**41.0**	*	70-130			MS-07A
1,1-Dichloroethane	11.9	1.0	µg/L	10.0	1.52	104		70-130			
1,2-Dichloroethane	11.1	1.0	µg/L	10.0	0.710	104		70-130			
1,1-Dichloroethylene	11.8	1.0	µg/L	10.0	1.22	106		70-130			
cis-1,2-Dichloroethylene	9.27	1.0	µg/L	10.0	0.780	84.9		70-130			
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0	ND	110		70-130			
1,2-Dichloropropane	9.18	1.0	µg/L	10.0	ND	91.8		70-130			
1,3-Dichloropropane	9.20	0.50	µg/L	10.0	ND	92.0		70-130			
2,2-Dichloropropane	7.41	1.0	µg/L	10.0	ND	74.1		70-130			
1,1-Dichloropropene	9.49	2.0	µg/L	10.0	ND	94.9		70-130			
cis-1,3-Dichloropropene	6.86	0.50	µg/L	10.0	ND	**68.6**	*	70-130			MS-24
trans-1,3-Dichloropropene	7.86	0.50	µg/L	10.0	ND	78.6		70-130			
Diethyl Ether	8.88	2.0	µg/L	10.0	ND	88.8		70-130			
Diisopropyl Ether (DIPE)	9.01	0.50	µg/L	10.0	ND	90.1		70-130			
1,4-Dioxane	151	50	µg/L	100	ND	**151**	*	70-130			MS-12, V-16
Ethylbenzene	9.81	1.0	µg/L	10.0	ND	98.1		70-130			
Hexachlorobutadiene	7.42	1.0	µg/L	10.0	ND	74.2		70-130			
2-Hexanone (MBK)	113	10	µg/L	100	ND	113		70-130			
Isopropylbenzene (Cumene)	11.4	1.0	µg/L	10.0	ND	114		70-130			
p-Isopropyltoluene (p-Cymene)	8.69	1.0	µg/L	10.0	ND	86.9		70-130			
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.0	1.58	86.6		70-130			
Methylene Chloride	9.64	5.0	µg/L	10.0	ND	96.4		70-130			
4-Methyl-2-pentanone (MIBK)	110	10	µg/L	100	ND	110		70-130			
Naphthalene	6.48	2.0	µg/L	10.0	ND	**64.8**	*	70-130			MS-24, V-05
n-Propylbenzene	9.95	1.0	µg/L	10.0	ND	99.5		70-130			
Styrene	10.4	1.0	µg/L	10.0	ND	104		70-130			
1,1,1,2-Tetrachloroethane	10.0	1.0	µg/L	10.0	ND	100		70-130			
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0	ND	106		70-130			
Tetrachloroethylene	13.5	1.0	µg/L	10.0	2.07	115		70-130			
Tetrahydrofuran	8.48	10	µg/L	10.0	ND	84.8		70-130			
Toluene	10.1	1.0	µg/L	10.0	0.270	98.1		70-130			
1,2,3-Trichlorobenzene	6.06	5.0	µg/L	10.0	ND	**60.6**	*	70-130			MS-24
1,2,4-Trichlorobenzene	6.48	1.0	µg/L	10.0	ND	**64.8**	*	70-130			MS-24, V-05
1,3,5-Trichlorobenzene	7.12	1.0	µg/L	10.0	ND	71.2		70-130			
1,1,1-Trichloroethane	11.0	1.0	µg/L	10.0	0.460	105		70-130			
1,1,2-Trichloroethane	9.83	1.0	µg/L	10.0	0.160	96.7		70-130			
Trichloroethylene	150	1.0	µg/L	10.0	122	**279**	*	70-130			MS-19

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B035298 - SW-846 5030B											
Matrix Spike (B035298-MS1)		**Source: 11H0373-04**		Prepared & Analyzed: 08/11/11							
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0	0.610	99.4		70-130			
1,2,3-Trichloropropane	9.85	2.0	µg/L	10.0	ND	98.5		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	1.0	µg/L	10.0	ND	100		70-130			
1,2,4-Trimethylbenzene	9.01	1.0	µg/L	10.0	ND	90.1		70-130			
1,3,5-Trimethylbenzene	9.86	1.0	µg/L	10.0	ND	98.6		70-130			
Vinyl Chloride	5.89	2.0	µg/L	10.0	ND	**58.9**	*	70-130			MS-07A
m+p Xylene	21.0	2.0	µg/L	20.0	ND	105		70-130			
o-Xylene	9.52	1.0	µg/L	10.0	ND	95.2		70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.0*		µg/L	25.0		100		70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100		70-130			
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103		70-130			
Matrix Spike Dup (B035298-MSD1)		**Source: 11H0373-04**		Prepared: 08/11/11 Analyzed: 08/12/11							
Acetone	119	50	µg/L	100	11.2	108		70-130	1.43	30	
Acrylonitrile	10.1	5.0	µg/L	10.0	ND	101		70-130	3.59	30	
tert-Amyl Methyl Ether (TAME)	7.81	0.50	µg/L	10.0	ND	78.1		70-130	9.38	30	
Benzene	10.7	1.0	µg/L	10.0	0.580	101		70-130	8.00	30	
Bromobenzene	10.6	1.0	µg/L	10.0	ND	106		70-130	10.1	30	
Bromochloromethane	11.4	1.0	µg/L	10.0	ND	114		70-130	7.73	30	
Bromodichloromethane	11.2	0.50	µg/L	10.0	ND	112		70-130	12.8	30	
Bromoform	9.10	1.0	µg/L	10.0	ND	91.0		70-130	5.53	30	
Bromomethane	7.60	2.0	µg/L	10.0	ND	76.0		70-130	17.6	30	
2-Butanone (MEK)	104	20	µg/L	100	1.48	102		70-130	0.549	30	
tert-Butyl Alcohol (TBA)	114	20	µg/L	100	ND	114		70-130	0.800	30	V-16
n-Butylbenzene	9.41	1.0	µg/L	10.0	ND	94.1		70-130	6.25	30	
sec-Butylbenzene	9.26	1.0	µg/L	10.0	ND	92.6		70-130	6.81	30	
tert-Butylbenzene	8.86	1.0	µg/L	10.0	ND	88.6		70-130	7.86	30	
tert-Butyl Ethyl Ether (TBEE)	6.82	0.50	µg/L	10.0	ND	**68.2**	*	70-130	10.2	30	MS-07A
Carbon Disulfide	9.02	2.0	µg/L	10.0	0.530	84.9		70-130	8.92	30	
Carbon Tetrachloride	9.78	5.0	µg/L	10.0	ND	97.8		70-130	1.22	30	
Chlorobenzene	11.9	1.0	µg/L	10.0	0.620	112		70-130	10.0	30	
Chlorodibromomethane	11.1	1.0	µg/L	10.0	ND	111		70-130	14.2	30	
Chloroethane	8.55	2.0	µg/L	10.0	ND	85.5		70-130	6.15	30	
Chloroform	11.5	2.0	µg/L	10.0	0.840	107		70-130	10.3	30	
Chloromethane	4.95	2.0	µg/L	10.0	ND	**49.5**	*	70-130	4.55	30	MS-07A
2-Chlorotoluene	10.9	1.0	µg/L	10.0	ND	109		70-130	10.1	30	
4-Chlorotoluene	11.6	1.0	µg/L	10.0	ND	116		70-130	13.3	30	
1,2-Dibromo-3-chloropropane (DBCP)	9.71	5.0	µg/L	10.0	ND	97.1		70-130	1.87	30	
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0	ND	107		70-130	6.28	30	
Dibromomethane	11.1	1.0	µg/L	10.0	ND	111		70-130	10.8	30	
1,2-Dichlorobenzene	11.1	1.0	µg/L	10.0	0.770	104		70-130	11.2	30	
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.0	ND	100		70-130	8.32	30	
1,4-Dichlorobenzene	9.93	1.0	µg/L	10.0	0.130	98.0		70-130	7.63	30	
trans-1,4-Dichloro-2-butene	8.93	2.0	µg/L	10.0	ND	89.3		70-130	6.47	30	
Dichlorodifluoromethane (Freon 12)	3.75	2.0	µg/L	10.0	ND	**37.5**	*	70-130	8.92	30	MS-07A
1,1-Dichloroethane	13.0	1.0	µg/L	10.0	1.52	115		70-130	8.85	30	
1,2-Dichloroethane	12.1	1.0	µg/L	10.0	0.710	114		70-130	8.56	30	
1,1-Dichloroethylene	12.0	1.0	µg/L	10.0	1.22	108		70-130	1.93	30	
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0	0.780	95.8		70-130	11.1	30	
trans-1,2-Dichloroethylene	11.8	1.0	µg/L	10.0	ND	118		70-130	6.48	30	
1,2-Dichloropropane	9.70	1.0	µg/L	10.0	ND	97.0		70-130	5.51	30	
1,3-Dichloropropane	10.2	0.50	µg/L	10.0	ND	102		70-130	10.0	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B035298 - SW-846 5030B											
Matrix Spike Dup (B035298-MSD1)	**Source: 11H0373-04**			Prepared: 08/11/11 Analyzed: 08/12/11							
2,2-Dichloropropane	8.14	1.0	µg/L	10.0	ND	81.4		70-130	9.39	30	
1,1-Dichloropropene	9.83	2.0	µg/L	10.0	ND	98.3		70-130	3.52	30	
cis-1,3-Dichloropropene	7.84	0.50	µg/L	10.0	ND	78.4		70-130	13.3	30	
trans-1,3-Dichloropropene	8.84	0.50	µg/L	10.0	ND	88.4		70-130	11.7	30	
Diethyl Ether	10.1	2.0	µg/L	10.0	ND	101		70-130	13.2	30	
Diisopropyl Ether (DIPE)	10.3	0.50	µg/L	10.0	ND	103		70-130	13.1	30	
1,4-Dioxane	143	50	µg/L	100	ND	**143**	*	70-130	6.01	30	MS-12, V-16
Ethylbenzene	10.9	1.0	µg/L	10.0	ND	109		70-130	10.5	30	
Hexachlorobutadiene	9.26	1.0	µg/L	10.0	ND	92.6		70-130	22.1	30	
2-Hexanone (MBK)	114	10	µg/L	100	ND	114		70-130	0.343	30	
Isopropylbenzene (Cumene)	12.1	1.0	µg/L	10.0	ND	121		70-130	6.64	30	
p-Isopropyltoluene (p-Cymene)	9.20	1.0	µg/L	10.0	ND	92.0		70-130	5.70	30	
Methyl tert-Butyl Ether (MTBE)	11.1	1.0	µg/L	10.0	1.58	94.8		70-130	7.70	30	
Methylene Chloride	10.6	5.0	µg/L	10.0	ND	106		70-130	9.30	30	
4-Methyl-2-pentanone (MIBK)	112	10	µg/L	100	ND	112		70-130	1.57	30	
Naphthalene	7.07	2.0	µg/L	10.0	ND	70.7		70-130	8.71	30	V-05
n-Propylbenzene	10.6	1.0	µg/L	10.0	ND	106		70-130	6.61	30	
Styrene	11.3	1.0	µg/L	10.0	ND	113		70-130	9.03	30	
1,1,1,2-Tetrachloroethane	11.3	1.0	µg/L	10.0	ND	113		70-130	12.2	30	
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.0	ND	109		70-130	2.89	30	
Tetrachloroethylene	13.9	1.0	µg/L	10.0	2.07	118		70-130	2.48	30	
Tetrahydrofuran	8.63	10	µg/L	10.0	ND	86.3		70-130	1.75	30	
Toluene	11.0	1.0	µg/L	10.0	0.270	108		70-130	9.00	30	
1,2,3-Trichlorobenzene	7.20	5.0	µg/L	10.0	ND	72.0		70-130	17.2	30	
1,2,4-Trichlorobenzene	7.42	1.0	µg/L	10.0	ND	74.2		70-130	13.5	30	V-05
1,3,5-Trichlorobenzene	7.91	1.0	µg/L	10.0	ND	79.1		70-130	10.5	30	
1,1,1-Trichloroethane	11.4	1.0	µg/L	10.0	0.460	110		70-130	4.29	30	
1,1,2-Trichloroethane	11.1	1.0	µg/L	10.0	0.160	109		70-130	12.0	30	
Trichloroethylene	137	1.0	µg/L	10.0	122	**145**	*	70-130	9.30	30	MS-19
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.0	0.610	94.9		70-130	4.36	30	
1,2,3-Trichloropropane	10.5	2.0	µg/L	10.0	ND	105		70-130	6.67	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.67	1.0	µg/L	10.0	ND	96.7		70-130	3.75	30	
1,2,4-Trimethylbenzene	9.85	1.0	µg/L	10.0	ND	98.5		70-130	8.91	30	
1,3,5-Trimethylbenzene	11.0	1.0	µg/L	10.0	ND	110		70-130	10.8	30	
Vinyl Chloride	6.34	2.0	µg/L	10.0	ND	**63.4**	*	70-130	7.36	30	MS-07A
m+p Xylene	23.2	2.0	µg/L	20.0	ND	116		70-130	9.95	20	
o-Xylene	11.1	1.0	µg/L	10.0	ND	111		70-130	15.2	30	
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		100		70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.8		70-130			
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103		70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,NC,ME
Acrylonitrile	CT,NY,NC,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,NC,ME
Benzene	CT,NH,NY,NC,ME,RI
Bromobenzene	NC
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME,RI
Bromoform	CT,NH,NY,NC,ME,RI
Bromomethane	CT,NH,NY,NC,ME,RI
2-Butanone (MEK)	CT,NH,NY,NC,ME
tert-Butyl Alcohol (TBA)	NH,NY,NC,ME
n-Butylbenzene	NY,NC,ME
sec-Butylbenzene	NY,NC,ME
tert-Butylbenzene	NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,NC,ME
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME,RI
Chlorobenzene	CT,NH,NY,NC,ME,RI
Chlorodibromomethane	CT,NH,NY,NC,ME,RI
Chloroethane	CT,NH,NY,NC,ME,RI
Chloroform	CT,NH,NY,NC,ME,RI
Chloromethane	CT,NH,NY,NC,ME,RI
2-Chlorotoluene	NY,NC,ME
4-Chlorotoluene	NY,NC,ME
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NY,NC,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,ME,RI
1,1-Dichloroethane	CT,NH,NY,NC,ME,RI
1,2-Dichloroethane	CT,NH,NY,NC,ME,RI
1,1-Dichloroethylene	CT,NH,NY,NC,ME,RI
cis-1,2-Dichloroethylene	NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME,RI
1,2-Dichloropropane	CT,NH,NY,NC,ME,RI
1,3-Dichloropropane	NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NH,NY,NC,ME
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME,RI

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Hexachlorobutadiene	CT,NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	NY,NC,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC,ME
Methylene Chloride	CT,NH,NY,NC,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC,ME
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	CT,NH,NY,NC,ME
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME,RI
Tetrachloroethylene	CT,NH,NY,NC,ME,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME,RI
1,2,3-Trichlorobenzene	NH,NY,NC,ME
1,2,4-Trichlorobenzene	CT,NH,NY,NC,ME
1,3,5-Trichlorobenzene	NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,ME,RI
Trichloroethylene	CT,NH,NY,NC,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME,RI
1,2,3-Trichloropropane	NH,NY,NC,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,NC
1,2,4-Trimethylbenzene	NY,NC,ME
1,3,5-Trimethylbenzene	NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME,RI
m+p Xylene	CT,NH,NY,NC,ME,RI
o-Xylene	CT,NH,NY,NC,ME,RI

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

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

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11H0373

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Email: per contract
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection ~~Beginning~~ Date/~~Time~~	Collection ~~Ending~~ ~~Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED VOCs (8260)	
								3	H	V		
-01	TB-08082011	8/8/11	0815		X	GW	C	2				
-02	PW15-25	8/8/11	1025		X	GW	L	3				
-03	PW15-50	8/9/11	0805		X	GW	L	3				
-04	PW15-75	8/9/11	0925		X	GW	L	9			*	xtra vol. for MS/MSD

MHoranburg 8/9/11

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

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

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

Comments:
For sample PW15-75: one vial for MS/MSD has air bubble, try not to use.

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

Relinquished by: (signature)	Date/Time:
MHoranburg	8/9/11 1722
Received by: (signature)	Date/Time:
Wen Pienkowski 5.6°C	8/10/11 09:37
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
per contract
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

United States

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Tracking Number

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Tracking Detail

K0407412439

Updated: 08/1(

Delivered

Delivered On:
Wednesday, 08/10/2011 at 9:37 A.M.

Request Status Updates

Left At:
Receiver

Signed By:
PRENKOWSKI

Proof of Delivery

Shippi

To:

Shipp

UPS

Additional Information

Type:

Package

Shipment Progress

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con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Ecology + Env. **RECEIVED BY:** AP **DATE:** 8/10/11

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

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.6 °C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

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

Containers received at Con-Test

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

Laboratory Comments:

40 mL vials: # HCl 17 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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

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

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VOA

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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11H0581-01	95.0	99.7	96.4
11H0581-02	93.6	98.8	96.0
11H0581-03	93.2	105	96.5
11H0581-04	94.3	104	96.4
11H0581-05	93.9	99.1	95.6
11H0581-06	93.2	104	96.2
11H0581-07	94.5	102	96.1
B035630-BLK1	92.4	99.7	96.1
B035630-BS1	91.0	105	96.2
B035630-BSD1	90.3	104	96.0

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11H0581-05RE1	87.3	93.9	90.9
B035804-BLK1	93.0	95.9	93.4
B035804-BS1	90.9	99.5	93.6
B035804-BSD1	90.4	99.2	92.7

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035630	Laboratory ID:	B035630-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	118	118	70 - 160
Acrylonitrile	10.0	11.1	111	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	9.55	95.5	70 - 130
Benzene	10.0	9.90	99.0	70 - 130
Bromobenzene	10.0	10.9	109	70 - 130
Bromochloromethane	10.0	11.3	113	70 - 130
Bromodichloromethane	10.0	11.0	110	70 - 130
Bromoform	10.0	9.62	96.2	70 - 130
Bromomethane	10.0	6.67	66.7	40 - 160
2-Butanone (MEK)	100	114	114	40 - 160
tert-Butyl Alcohol (TBA)	100	128	128	40 - 160
n-Butylbenzene	10.0	9.55	95.5	70 - 130
sec-Butylbenzene	10.0	10.0	100	70 - 130
tert-Butylbenzene	10.0	10.5	105	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.78	87.8	70 - 130
Carbon Disulfide	10.0	11.1	111	70 - 130
Carbon Tetrachloride	10.0	9.72	97.2	70 - 130
Chlorobenzene	10.0	11.7	117	70 - 130
Chlorodibromomethane	10.0	11.1	111	70 - 130
Chloroethane	10.0	10.0	100	70 - 130
Chloroform	10.0	10.3	103	70 - 130
Chloromethane	10.0	7.98	79.8	40 - 160
2-Chlorotoluene	10.0	11.6	116	70 - 130
4-Chlorotoluene	10.0	12.0	120	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.1	101	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.5	115	70 - 130
Dibromomethane	10.0	11.1	111	70 - 130
1,2-Dichlorobenzene	10.0	10.9	109	70 - 130
1,3-Dichlorobenzene	10.0	10.8	108	70 - 130
1,4-Dichlorobenzene	10.0	10.4	104	70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.55	95.5	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035630	Laboratory ID:	B035630-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	7.50	75.0		40 - 160
1,1-Dichloroethane	10.0	11.4	114		70 - 130
1,2-Dichloroethane	10.0	11.5	115		70 - 130
1,1-Dichloroethylene	10.0	11.2	112		70 - 130
cis-1,2-Dichloroethylene	10.0	10.4	104		70 - 130
trans-1,2-Dichloroethylene	10.0	11.9	119		70 - 130
1,2-Dichloropropane	10.0	10.4	104		70 - 130
1,3-Dichloropropane	10.0	10.5	105		70 - 130
2,2-Dichloropropane	10.0	11.0	110		40 - 130
1,1-Dichloropropene	10.0	9.85	98.5		70 - 130
cis-1,3-Dichloropropene	10.0	9.10	91.0		70 - 130
trans-1,3-Dichloropropene	10.0	10.1	101		70 - 130
Diethyl Ether	10.0	11.6	116		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.1	111		70 - 130
1,4-Dioxane	100	167	167	*	40 - 130
Ethylbenzene	10.0	11.4	114		70 - 130
Hexachlorobutadiene	10.0	11.2	112		70 - 130
2-Hexanone (MBK)	100	117	117		70 - 160
Isopropylbenzene (Cumene)	10.0	13.4	134	*	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.2	102		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.6	106		70 - 130
Methylene Chloride	10.0	11.4	114		70 - 130
4-Methyl-2-pentanone (MIBK)	100	116	116		70 - 160
Naphthalene	10.0	9.50	95.0		40 - 130
n-Propylbenzene	10.0	11.2	112		70 - 130
Styrene	10.0	11.8	118		70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.9	119		70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.6	106		70 - 130
Tetrachloroethylene	10.0	12.1	121		70 - 130
Tetrahydrofuran	10.0	9.10	91.0		70 - 130
Toluene	10.0	11.0	110		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035630	Laboratory ID:	B035630-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	8.98	89.8	70 - 130
1,2,4-Trichlorobenzene	10.0	9.33	93.3	70 - 130
1,3,5-Trichlorobenzene	10.0	9.87	98.7	70 - 130
1,1,1-Trichloroethane	10.0	11.3	113	70 - 130
1,1,2-Trichloroethane	10.0	11.0	110	70 - 130
Trichloroethylene	10.0	11.5	115	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.87	98.7	70 - 130
1,2,3-Trichloropropane	10.0	10.3	103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.7	107	70 - 130
1,2,4-Trimethylbenzene	10.0	10.8	108	70 - 130
1,3,5-Trimethylbenzene	10.0	11.6	116	70 - 130
Vinyl Chloride	10.0	8.56	85.6	40 - 160
m+p Xylene	20.0	24.2	121	70 - 130
o-Xylene	10.0	12.0	120	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	120	120	1.37	25	70 - 160
Acrylonitrile	10.0	10.8	108	2.74	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.0	100	4.80	25	70 - 130
Benzene	10.0	9.96	99.6	0.604	25	70 - 130
Bromobenzene	10.0	11.1	111	1.55	25	70 - 130
Bromochloromethane	10.0	11.4	114	0.792	25	70 - 130
Bromodichloromethane	10.0	11.0	110	0.273	25	70 - 130
Bromoform	10.0	9.68	96.8	0.622	25	70 - 130
Bromomethane	10.0	7.01	70.1	4.97	25	40 - 160
2-Butanone (MEK)	100	110	110	3.43	25	40 - 160
tert-Butyl Alcohol (TBA)	100	125	125	1.86	25	40 - 160
n-Butylbenzene	10.0	9.47	94.7	0.841	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035630	Laboratory ID:	B035630-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.2	102	1.19	25	70 - 130
tert-Butylbenzene	10.0	10.5	105	0.190	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.76	87.6	0.228	25	70 - 130
Carbon Disulfide	10.0	9.44	94.4	15.8	25	70 - 130
Carbon Tetrachloride	10.0	9.86	98.6	1.43	25	70 - 130
Chlorobenzene	10.0	11.9	119	1.27	25	70 - 130
Chlorodibromomethane	10.0	11.4	114	2.40	25	70 - 130
Chloroethane	10.0	9.88	98.8	1.51	25	70 - 130
Chloroform	10.0	10.2	102	1.17	25	70 - 130
Chloromethane	10.0	7.82	78.2	2.03	25	40 - 160
2-Chlorotoluene	10.0	11.5	115	0.260	25	70 - 130
4-Chlorotoluene	10.0	12.0	120	0.500	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.1	101	0.198	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.5	115	0.696	25	70 - 130
Dibromomethane	10.0	11.3	113	2.14	25	70 - 130
1,2-Dichlorobenzene	10.0	10.8	108	0.554	25	70 - 130
1,3-Dichlorobenzene	10.0	10.6	106	1.12	25	70 - 130
1,4-Dichlorobenzene	10.0	10.4	104	0.00	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.60	96.0	0.522	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.36	73.6	1.88	25	40 - 160
1,1-Dichloroethane	10.0	11.2	112	0.974	25	70 - 130
1,2-Dichloroethane	10.0	11.6	116	1.39	25	70 - 130
1,1-Dichloroethylene	10.0	10.8	108	3.47	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.88	98.8	5.42	25	70 - 130
trans-1,2-Dichloroethylene	10.0	11.8	118	0.761	25	70 - 130
1,2-Dichloropropane	10.0	10.9	109	4.32	25	70 - 130
1,3-Dichloropropane	10.0	10.4	104	1.15	25	70 - 130
2,2-Dichloropropane	10.0	10.3	103	6.66	25	40 - 130
1,1-Dichloropropene	10.0	10.1	101	2.70	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035630	Laboratory ID:	B035630-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	9.07	90.7		0.330	25	70 - 130
trans-1,3-Dichloropropene	10.0	10.1	101		0.297	25	70 - 130
Diethyl Ether	10.0	11.7	117		0.343	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.7	107		3.76	25	70 - 130
1,4-Dioxane	100	191	191	*	13.6	50	40 - 130
Ethylbenzene	10.0	11.7	117		1.82	25	70 - 130
Hexachlorobutadiene	10.0	11.5	115		2.47	25	70 - 130
2-Hexanone (MBK)	100	121	121		2.74	25	70 - 160
Isopropylbenzene (Cumene)	10.0	13.3	133	*	0.374	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.2	102		0.294	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.6	106		0.00	25	70 - 130
Methylene Chloride	10.0	11.0	110		4.29	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	119	119		2.10	25	70 - 160
Naphthalene	10.0	10.1	101		5.92	25	40 - 130
n-Propylbenzene	10.0	11.1	111		1.25	25	70 - 130
Styrene	10.0	11.9	119		0.506	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.8	118		0.928	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.9	109		3.26	25	70 - 130
Tetrachloroethylene	10.0	12.5	125		2.68	25	70 - 130
Tetrahydrofuran	10.0	8.76	87.6		3.81	25	70 - 130
Toluene	10.0	11.0	110		0.0907	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.85	98.5		9.24	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.89	98.9		5.83	25	70 - 130
1,3,5-Trichlorobenzene	10.0	10.0	100		1.51	25	70 - 130
1,1,1-Trichloroethane	10.0	11.1	111		1.78	25	70 - 130
1,1,2-Trichloroethane	10.0	11.2	112		1.08	25	70 - 130
Trichloroethylene	10.0	11.7	117		1.64	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.65	96.5		2.25	25	70 - 130
1,2,3-Trichloropropane	10.0	10.9	109		5.75	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035630	Laboratory ID:	B035630-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.9	109	1.76	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.8	108	0.186	25	70 - 130
1,3,5-Trimethylbenzene	10.0	11.6	116	0.517	25	70 - 130
Vinyl Chloride	10.0	8.41	84.1	1.77	25	40 - 160
m+p Xylene	20.0	24.2	121	0.0826	25	70 - 130
o-Xylene	10.0	12.0	120	0.416	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035804	Laboratory ID:	B035804-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Tetrahydrofuran	10.0	8.92	89.2	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Tetrahydrofuran	10.0	9.00	90.0	0.893	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Blank ID:	B035630-BLK1	Batch:	B035630

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B035630-BSD1	VB230005.D	12:59
LCS	B035630-BS1	VB230004.D	12:21
PW19-50	11H0581-07	VB230018.D	20:01
PW19-25	11H0581-06	VB230017.D	19:28
PW15-200	11H0581-05	VB230022.D	22:11
PW15-175	11H0581-04	VB230020.D	21:06
PW15-150	11H0581-03	VB230019.D	20:33
PW15-125	11H0581-02	VB230021.D	21:38
TB-08102011	11H0581-01	VB230008.D	14:36

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Blank ID:	B035804-BLK1	Batch:	B035804

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B035804-BSD1	VB230062.D	19:40
LCS	B035804-BS1	VB230061.D	19:08
PW15-200	11H0581-05RE1	VB230066.D	21:49

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Lab File ID:	VB230002.D	Injection Date:	08/18/11
Instrument ID:	GCMSVOA2	Injection Time:	10:46
Sequence:	S001081	Lab Sample ID:	S001081-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	23.7	PASS
75	30 - 60% of 95	48	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.26	PASS
173	Less than 2% of 174	0.552	PASS
174	50 - 200% of 95	84.9	PASS
175	5 - 9% of 174	7.21	PASS
176	95 - 101% of 174	97.5	PASS
177	5 - 9% of 176	6.86	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001081-CCV1	VB230002.D	08/18/2011	10:46:00
LCS	B035630-BS1	VB230004.D	08/18/2011	12:21:00
LCS Dup	B035630-BSD1	VB230005.D	08/18/2011	12:59:00
Blank	B035630-BLK1	VB230007.D	08/18/2011	14:03:00
TB-08102011	11H0581-01	VB230008.D	08/18/2011	14:36:00
PW19-25	11H0581-06	VB230017.D	08/18/2011	19:28:00
PW19-50	11H0581-07	VB230018.D	08/18/2011	20:01:00
PW15-150	11H0581-03	VB230019.D	08/18/2011	20:33:00
PW15-175	11H0581-04	VB230020.D	08/18/2011	21:06:00
PW15-125	11H0581-02	VB230021.D	08/18/2011	21:38:00
PW15-200	11H0581-05	VB230022.D	08/18/2011	22:11:00

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Lab File ID:	VB230059.D	Injection Date:	08/19/11
Instrument ID:	GCMSVOA2	Injection Time:	18:03
Sequence:	S001082	Lab Sample ID:	S001082-TUN1

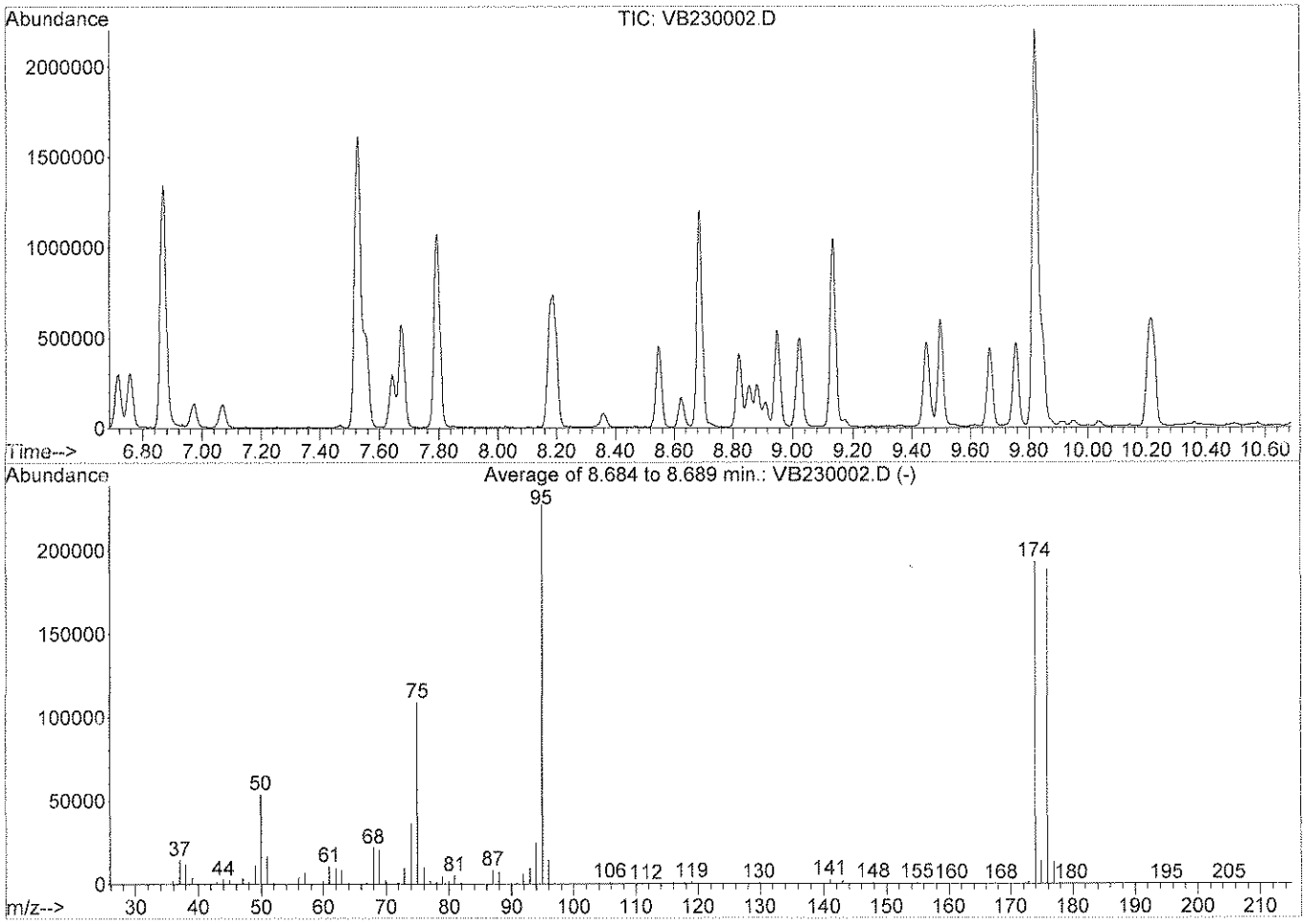
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	23.2	PASS
75	30 - 60% of 95	48.3	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.26	PASS
173	Less than 2% of 174	0.576	PASS
174	50 - 200% of 95	89.7	PASS
175	5 - 9% of 174	7.81	PASS
176	95 - 101% of 174	95.6	PASS
177	5 - 9% of 176	6.79	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
	S001082-CCV1	VB230059.D	08/19/2011	18:03:00
LCS	B035804-BS1	VB230061.D	08/19/2011	19:08:00
LCS Dup	B035804-BSD1	VB230062.D	08/19/2011	19:40:00
Blank	B035804-BLK1	VB230064.D	08/19/2011	20:45:00
PW15-200	11H0581-05RE1	VB230066.D	08/19/2011	21:49:00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230002.D
Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Thu Aug 18 13:31:50 2011



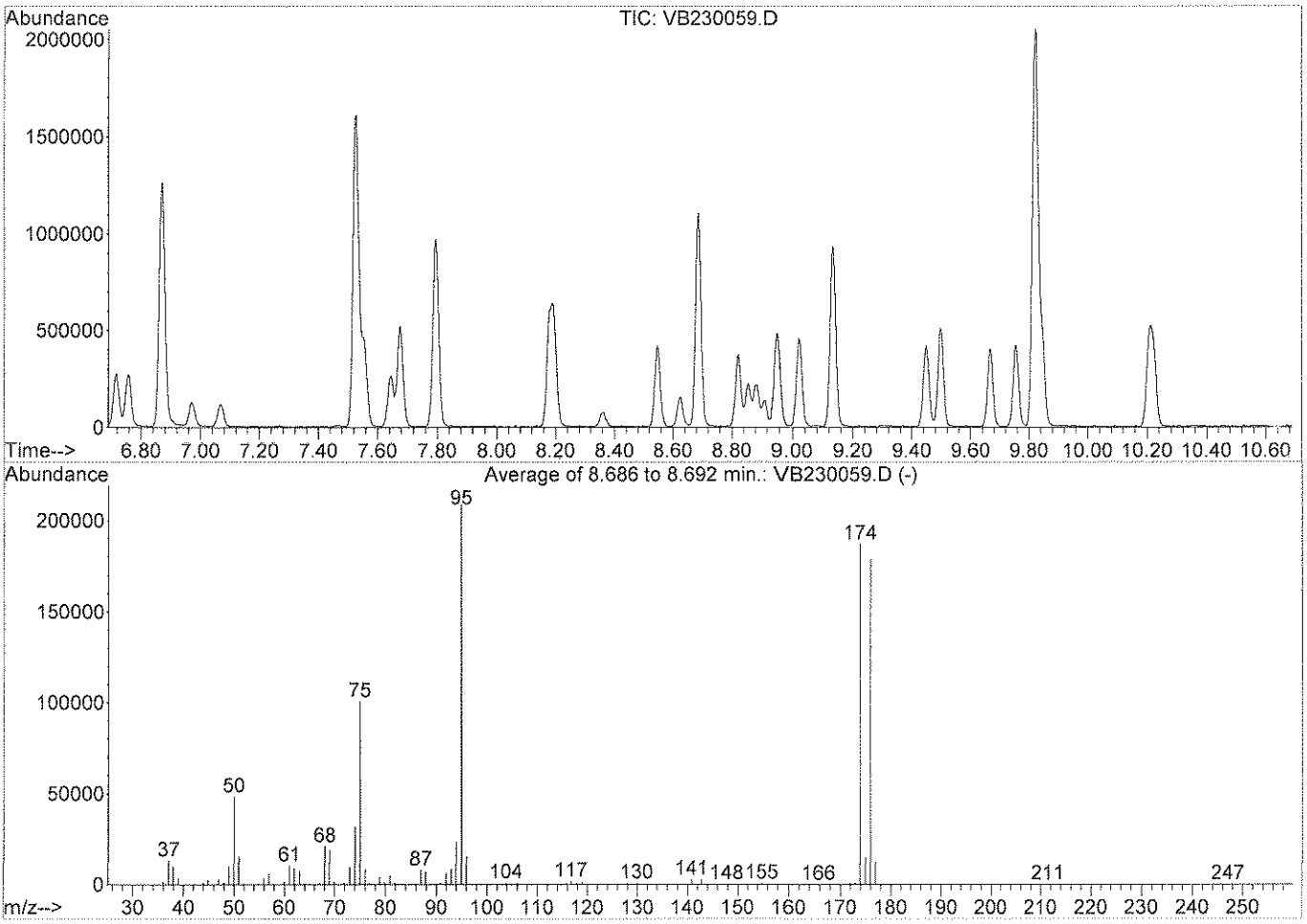
AutoFind: Scans 2767, 2768, 2769; Background Corrected with Scan 2755

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.7	53804	PASS
75	95	30	60	48.0	109080	PASS
95	95	100	100	100.0	227392	PASS
96	95	5	9	6.3	14230	PASS
173	174	0.00	2	0.6	1066	PASS
174	95	50	100	84.9	193088	PASS
175	174	5	9	7.2	13919	PASS
176	174	95	101	97.5	188309	PASS
177	176	5	9	6.9	12922	PASS

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230059.D
Acq On : 19 Aug 2011 6:03 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Thu Aug 18 13:31:50 2011



AutoFind: Scans 2768, 2769, 2770; Background Corrected with Scan 2754

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.2	48344	PASS
75	95	30	60	48.3	100797	PASS
95	95	100	100	100.0	208661	PASS
96	95	5	9	7.3	15155	PASS
173	174	0.00	2	0.6	1078	PASS
174	95	50	100	89.7	187178	PASS
175	174	5	9	7.8	14627	PASS
176	174	95	101	95.6	178858	PASS
177	176	5	9	6.8	12142	PASS

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001081	Instrument:	GCMSVOA2
		Calibration:	1100023

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001081-CCV1)			*Lab File ID: VB230002.D*			*Analyzed: 08/18/11 10:46*			
Pentafluorobenzene	514273	3.962	448204	3.97	115	50 - 200	-0.0080	+/-0.50	
1,4-Difluorobenzene	743826	4.687	723319	4.69	103	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	391808	7.526	370813	7.53	106	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	400710	9.824	347863	9.82	115	50 - 200	0.0040	+/-0.50	
LCS (B035630-BS1)			*Lab File ID: VB230004.D*			*Analyzed: 08/18/11 12:21*			
Pentafluorobenzene	529440	3.96	514273	3.962	103	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	798570	4.68	743826	4.687	107	50 - 200	-0.0070	+/-0.50	
Chlorobenzene-d5	388743	7.53	391808	7.526	99	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	406071	9.82	400710	9.824	101	50 - 200	-0.0040	+/-0.50	
LCS Dup (B035630-BSD1)			*Lab File ID: VB230005.D*			*Analyzed: 08/18/11 12:59*			
Pentafluorobenzene	532789	3.97	514273	3.962	104	50 - 200	0.0080	+/-0.50	
1,4-Difluorobenzene	796755	4.68	743826	4.687	107	50 - 200	-0.0070	+/-0.50	
Chlorobenzene-d5	388728	7.53	391808	7.526	99	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	401112	9.82	400710	9.824	100	50 - 200	-0.0040	+/-0.50	
Blank (B035630-BLK1)			*Lab File ID: VB230007.D*			*Analyzed: 08/18/11 14:03*			
Pentafluorobenzene	517300	3.96	514273	3.962	101	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	778148	4.69	743826	4.687	105	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	376202	7.53	391808	7.526	96	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	378197	9.82	400710	9.824	94	50 - 200	-0.0040	+/-0.50	
TB-08102011 (11H0581-01)			*Lab File ID: VB230008.D*			*Analyzed: 08/18/11 14:36*			
Pentafluorobenzene	510203	3.96	514273	3.962	99	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	773521	4.69	743826	4.687	104	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	375486	7.53	391808	7.526	96	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	379281	9.82	400710	9.824	95	50 - 200	-0.0040	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001081	Instrument:	GCMSVOA2
		Calibration:	1100023

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW19-25 (11H0581-06)			*Lab File ID: VB230017.D*			*Analyzed: 08/18/11 19:28*			
Pentafluorobenzene	505812	3.96	514273	3.962	98	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	754217	4.69	743826	4.687	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	366570	7.53	391808	7.526	94	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	391066	9.82	400710	9.824	98	50 - 200	-0.0040	+/-0.50	
PW19-50 (11H0581-07)			*Lab File ID: VB230018.D*			*Analyzed: 08/18/11 20:01*			
Pentafluorobenzene	503773	3.97	514273	3.962	98	50 - 200	0.0080	+/-0.50	
1,4-Difluorobenzene	755037	4.69	743826	4.687	102	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	373156	7.53	391808	7.526	95	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	381639	9.82	400710	9.824	95	50 - 200	-0.0040	+/-0.50	
PW15-150 (11H0581-03)			*Lab File ID: VB230019.D*			*Analyzed: 08/18/11 20:33*			
Pentafluorobenzene	500584	3.96	514273	3.962	97	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	750235	4.69	743826	4.687	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	370883	7.53	391808	7.526	95	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	385754	9.82	400710	9.824	96	50 - 200	-0.0040	+/-0.50	
PW15-175 (11H0581-04)			*Lab File ID: VB230020.D*			*Analyzed: 08/18/11 21:06*			
Pentafluorobenzene	497259	3.96	514273	3.962	97	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	750746	4.69	743826	4.687	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	370667	7.53	391808	7.526	95	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	385654	9.82	400710	9.824	96	50 - 200	-0.0040	+/-0.50	
PW15-125 (11H0581-02)			*Lab File ID: VB230021.D*			*Analyzed: 08/18/11 21:38*			
Pentafluorobenzene	503892	3.96	514273	3.962	98	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	755627	4.69	743826	4.687	102	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	369469	7.53	391808	7.526	94	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	371726	9.82	400710	9.824	93	50 - 200	-0.0040	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001081	Instrument:	GCMSVOA2
		Calibration:	1100023

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW15-200 (11H0581-05)			*Lab File ID: VB230022.D*			*Analyzed: 08/18/11 22:11*			
Pentafluorobenzene	497484	3.97	514273	3.962	97	50 - 200	0.0080	+/-0.50	
1,4-Difluorobenzene	747879	4.68	743826	4.687	101	50 - 200	-0.0070	+/-0.50	
Chlorobenzene-d5	366527	7.53	391808	7.526	94	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	367277	9.82	400710	9.824	92	50 - 200	-0.0040	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001082	Instrument:	GCMSVOA2
		Calibration:	1100023

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001082-CCV1)			*Lab File ID: VB230059.D*			*Analyzed: 08/19/11 18:03*			
Pentafluorobenzene	522558	3.965	448204	3.97	117	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	771780	4.687	723319	4.69	107	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	371934	7.526	370813	7.53	100	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	382788	9.824	347863	9.82	110	50 - 200	0.0040	+/-0.50	
LCS (B035804-BS1)			*Lab File ID: VB230061.D*			*Analyzed: 08/19/11 19:08*			
Pentafluorobenzene	520421	3.97	522558	3.965	100	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	780896	4.69	771780	4.687	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	371970	7.53	371934	7.526	100	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	387108	9.82	382788	9.824	101	50 - 200	-0.0040	+/-0.50	
LCS Dup (B035804-BSD1)			*Lab File ID: VB230062.D*			*Analyzed: 08/19/11 19:40*			
Pentafluorobenzene	529507	3.97	522558	3.965	101	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	790389	4.68	771780	4.687	102	50 - 200	-0.0070	+/-0.50	
Chlorobenzene-d5	377035	7.53	371934	7.526	101	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	385088	9.82	382788	9.824	101	50 - 200	-0.0040	+/-0.50	
Blank (B035804-BLK1)			*Lab File ID: VB230064.D*			*Analyzed: 08/19/11 20:45*			
Pentafluorobenzene	512586	3.96	522558	3.965	98	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	759540	4.69	771780	4.687	98	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	358186	7.53	371934	7.526	96	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	358078	9.82	382788	9.824	94	50 - 200	-0.0040	+/-0.50	
PW15-200 (11H0581-05RE1)			*Lab File ID: VB230066.D*			*Analyzed: 08/19/11 21:49*			
Pentafluorobenzene	508539	3.96	522558	3.965	97	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	711195	4.68	771780	4.687	92	50 - 200	-0.0070	+/-0.50	
Chlorobenzene-d5	360244	7.53	371934	7.526	97	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	339087	9.82	382788	9.824	89	50 - 200	-0.0040	+/-0.50	

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-08102011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0581-01	File ID:	VB230008.D
Sampled:	08/10/11 08:25	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 14:36
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08102011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0581-01	File ID:	VB230008.D
Sampled:	08/10/11 08:25	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 14:36
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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

1 - FORM I
ANALYSIS DATA SHEET

TB-08102011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0581-01	File ID:	VB230008.D
Sampled:	08/10/11 08:25	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 14:36
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08102011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0581-01	File ID:	VB230008.D
Sampled:	08/10/11 08:25	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 14:36
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230008.D
Acq On : 18 Aug 2011 2:36 pm
Operator : LBD/MFF
Sample : 11H0581-01 @ TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 19 2011

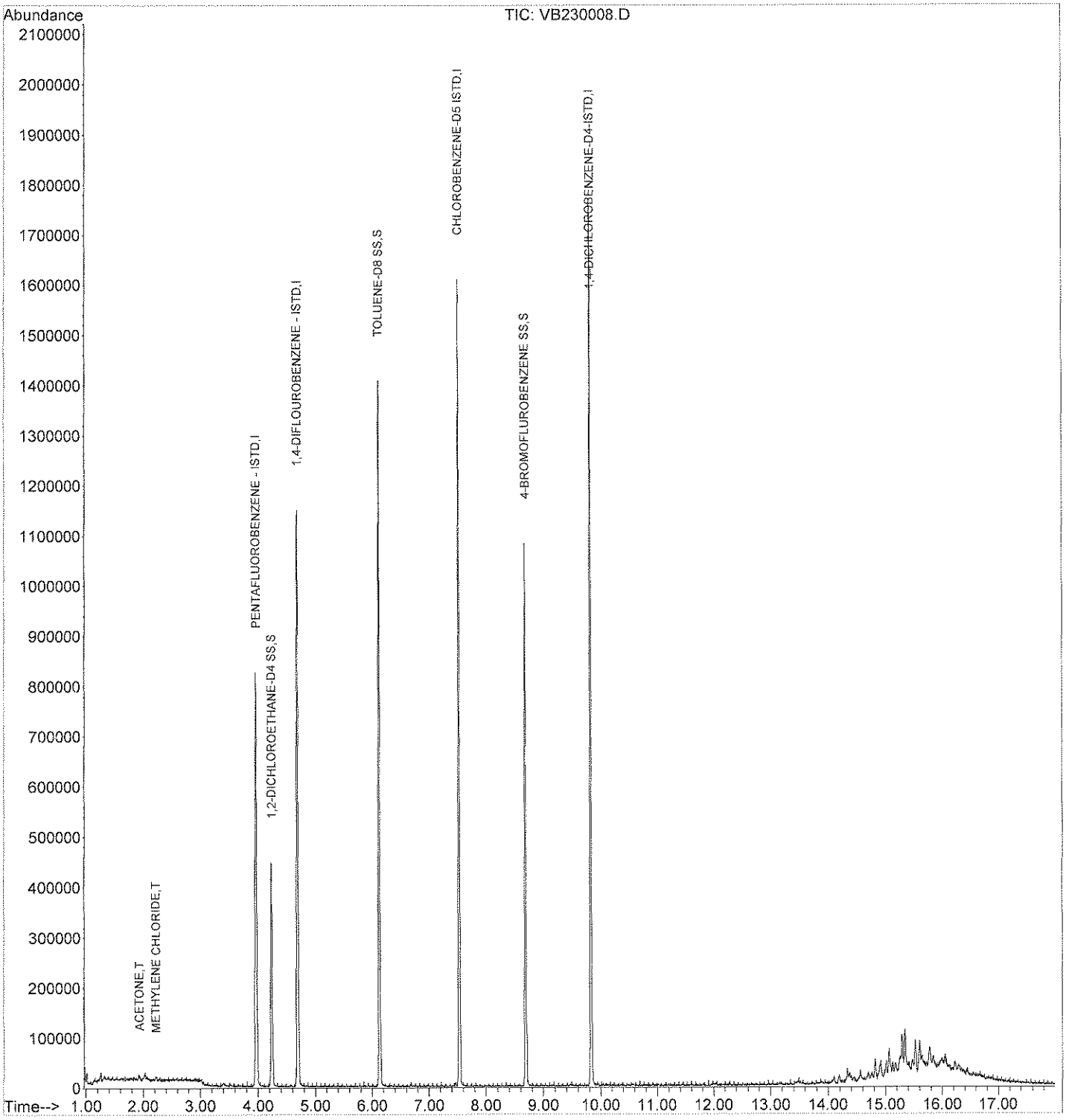
Quant Time: Aug 19 10:15:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

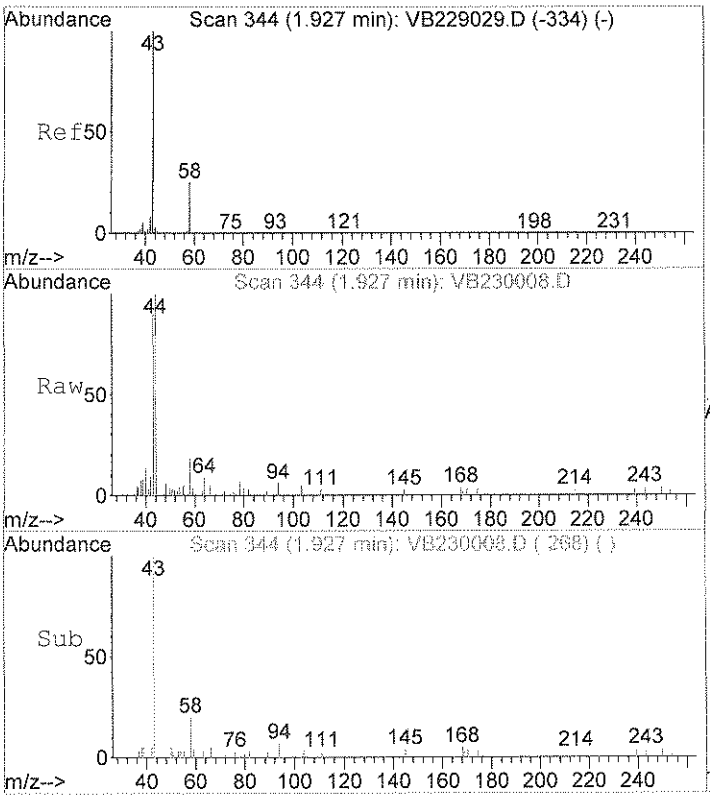
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	510203	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	773521	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	375486	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	379281	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	271487	23.76	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.04%			
42) TOLUENE-D8 SS	6.13	98	719662	24.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.36%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	286387	24.93	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	7567	3.06	UG/L	98
16) IODOMETHANE	2.14	142	435	Below Cal		98
20) METHYLENE CHLORIDE	2.23	49	2507	0.24	UG/L #	86

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230008.D
Acq On : 18 Aug 2011 2:36 pm
Operator : LBD/MFF
Sample : 11H0581-01 @ TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 19 10:15:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

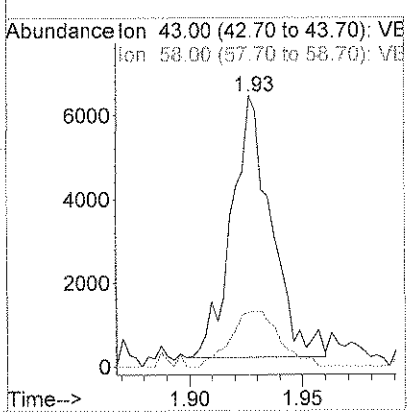


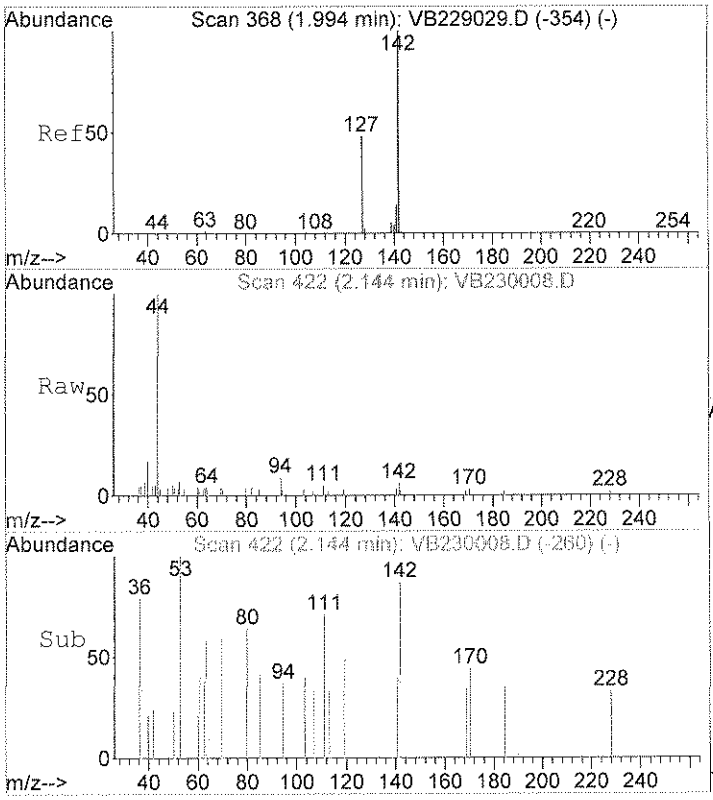


#13
ACETONE
Concen: 3.06 UG/L
RT: 1.93 min Scan# 344
Delta R.T. 0.00 min
Lab File: VB230008.D
Acq: 18 Aug 2011 2:36 pm

Tgt Ion: 43 Resp: 7567

Ion	Ratio	Lower	Upper
43	100		
58	26.1	20.2	30.2

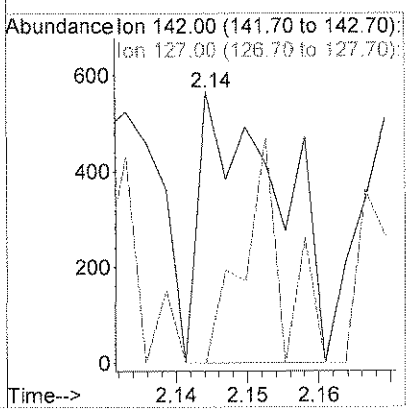




#16
IODOMETHANE
Concen: Below Cal
RT: 2.14 min Scan# 422
Delta R.T. 0.15 min
Lab File: VB230008.D
Acq: 18 Aug 2011 2:36 pm

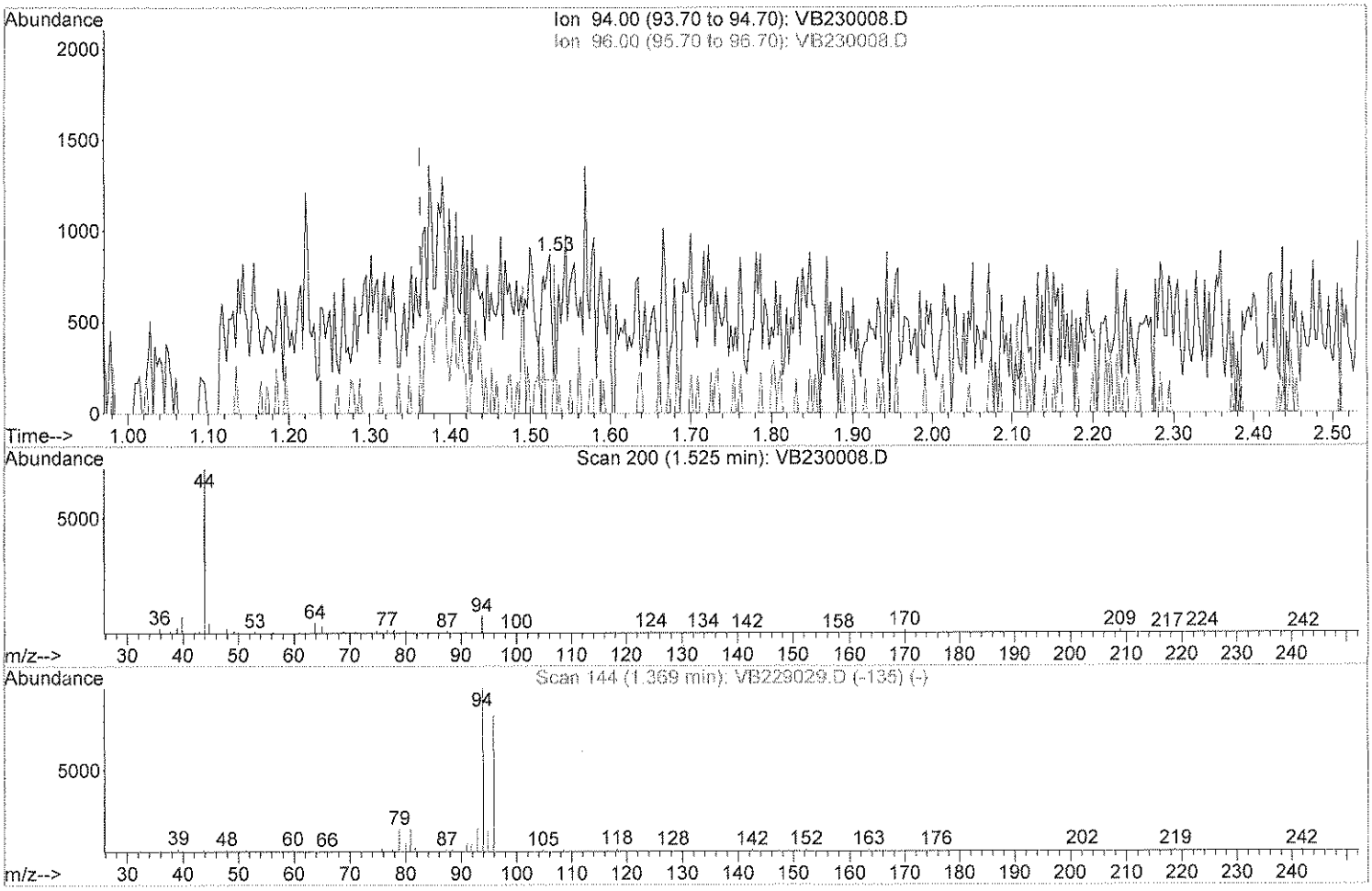
Tgt Ion:142 Resp: 435

Ion	Ratio	Lower	Upper
142	100		
127	42.1	34.5	51.7



Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230008.D
Acq On : 18 Aug 2011 2:36 pm
Operator : LBD/MFF
Sample : 11H0581-01 @ TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 19 10:15:09 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230008.D

(7) BROMOMETHANE (T)

1.525min (+0.162) 0.13UG/L

response 501

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-02	File ID:	VB230021.D
Sampled:	08/10/11 11:40	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 21:38
Solids:		Preparation:	SW-846 5030B	Dilution:	300
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		160	15000	
107-13-1	Acrylonitrile		150	1500	
994-05-8	tert-Amyl Methyl Ether (TAME)		33	150	
71-43-2	Benzene		15	300	
108-86-1	Bromobenzene		30	300	
74-97-5	Bromochloromethane		30	300	
75-27-4	Bromodichloromethane		24	150	
75-25-2	Bromoform		75	300	
74-83-9	Bromomethane		110	600	
78-93-3	2-Butanone (MEK)		120	6000	
75-65-0	tert-Butyl Alcohol (TBA)		1000	6000	
104-51-8	n-Butylbenzene		15	300	
135-98-8	sec-Butylbenzene		15	300	
98-06-6	tert-Butylbenzene		15	300	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		21	150	
75-15-0	Carbon Disulfide		15	600	
56-23-5	Carbon Tetrachloride		27	1500	
108-90-7	Chlorobenzene		15	300	
124-48-1	Chlorodibromomethane		36	300	
75-00-3	Chloroethane		99	600	
67-66-3	Chloroform		12	600	
74-87-3	Chloromethane		39	600	
95-49-8	2-Chlorotoluene		15	300	
106-43-4	4-Chlorotoluene		15	300	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		140	1500	

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-02	File ID:	VB230021.D
Sampled:	08/10/11 11:40	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 21:38
Solids:		Preparation:	SW-846 5030B	Dilution:	300
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		42	150	
74-95-3	Dibromomethane		24	300	
95-50-1	1,2-Dichlorobenzene		18	300	
541-73-1	1,3-Dichlorobenzene		18	300	
106-46-7	1,4-Dichlorobenzene		33	300	
110-57-6	trans-1,4-Dichloro-2-butene		230	600	
75-71-8	Dichlorodifluoromethane (Freon 12)		12	600	
75-34-3	1,1-Dichloroethane		27	300	
107-06-2	1,2-Dichloroethane		27	300	
75-35-4	1,1-Dichloroethylene		30	300	
156-59-2	cis-1,2-Dichloroethylene		15	300	
156-60-5	trans-1,2-Dichloroethylene		21	300	
78-87-5	1,2-Dichloropropane		60	300	
142-28-9	1,3-Dichloropropane		24	150	
594-20-7	2,2-Dichloropropane		39	300	
563-58-6	1,1-Dichloropropene		30	600	
10061-01-5	cis-1,3-Dichloropropene		21	150	
10061-02-6	trans-1,3-Dichloropropene		36	150	
60-29-7	Diethyl Ether		30	600	
108-20-3	Diisopropyl Ether (DIPE)		9.0	150	
123-91-1	1,4-Dioxane		1000	15000	
100-41-4	Ethylbenzene		15	300	
87-68-3	Hexachlorobutadiene		78	300	
591-78-6	2-Hexanone (MBK)		200	3000	
98-82-8	Isopropylbenzene (Cumene)		18	300	

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-02	File ID:	VB230021.D
Sampled:	08/10/11 11:40	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 21:38
Solids:		Preparation:	SW-846 5030B	Dilution:	300
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		18	300	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		15	300	
75-09-2	Methylene Chloride		680	1500	
108-10-1	4-Methyl-2-pentanone (MIBK)		66	3000	
91-20-3	Naphthalene		63	600	V-05
103-65-1	n-Propylbenzene		12	300	
100-42-5	Styrene		18	300	
630-20-6	1,1,1,2-Tetrachloroethane		24	300	
79-34-5	1,1,2,2-Tetrachloroethane		54	150	
127-18-4	Tetrachloroethylene		42	300	
109-99-9	Tetrahydrofuran	18000	300	3000	
108-88-3	Toluene		12	300	
87-61-6	1,2,3-Trichlorobenzene		66	1500	V-05
120-82-1	1,2,4-Trichlorobenzene		33	300	
108-70-3	1,3,5-Trichlorobenzene		120	300	
71-55-6	1,1,1-Trichloroethane		15	300	
79-00-5	1,1,2-Trichloroethane		24	300	
79-01-6	Trichloroethylene		36	300	
75-69-4	Trichlorofluoromethane (Freon 11)		21	600	
96-18-4	1,2,3-Trichloropropane		63	600	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		33	300	
95-63-6	1,2,4-Trimethylbenzene		18	300	
108-67-8	1,3,5-Trimethylbenzene		18	300	
75-01-4	Vinyl Chloride		48	600	
108383/106423	m+p Xylene		21	600	

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-02	File ID:	VB230021.D
Sampled:	08/10/11 11:40	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 21:38
Solids:		Preparation:	SW-846 5030B	Dilution:	300
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		15	300	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230021.D
Acq On : 18 Aug 2011 9:38 pm
Operator : LBD/MFF
Sample : 11H0581-02 @ 300X
Misc : 300
ALS Vial : 21 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 19 2011

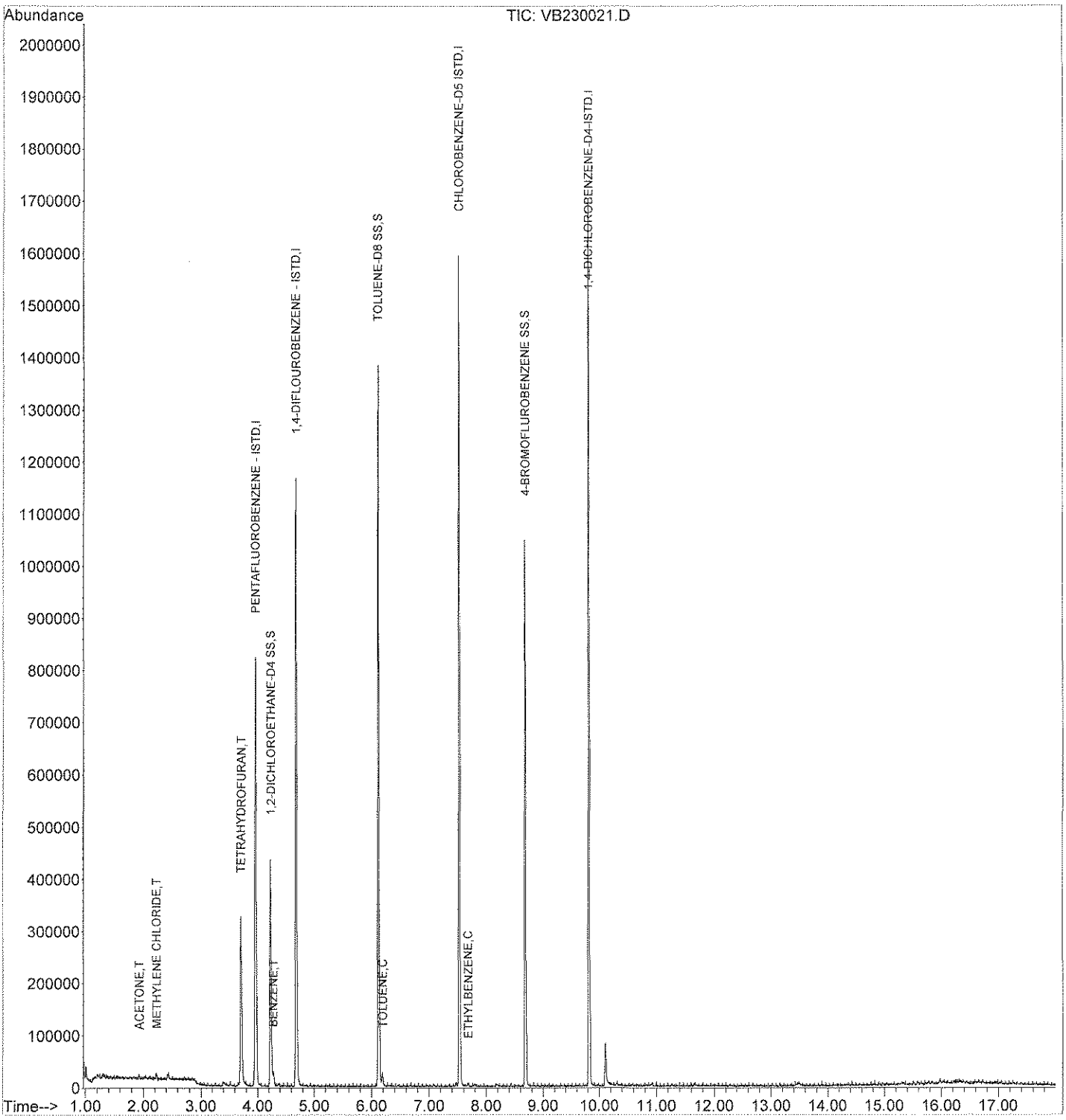
Quant Time: Aug 19 10:36:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

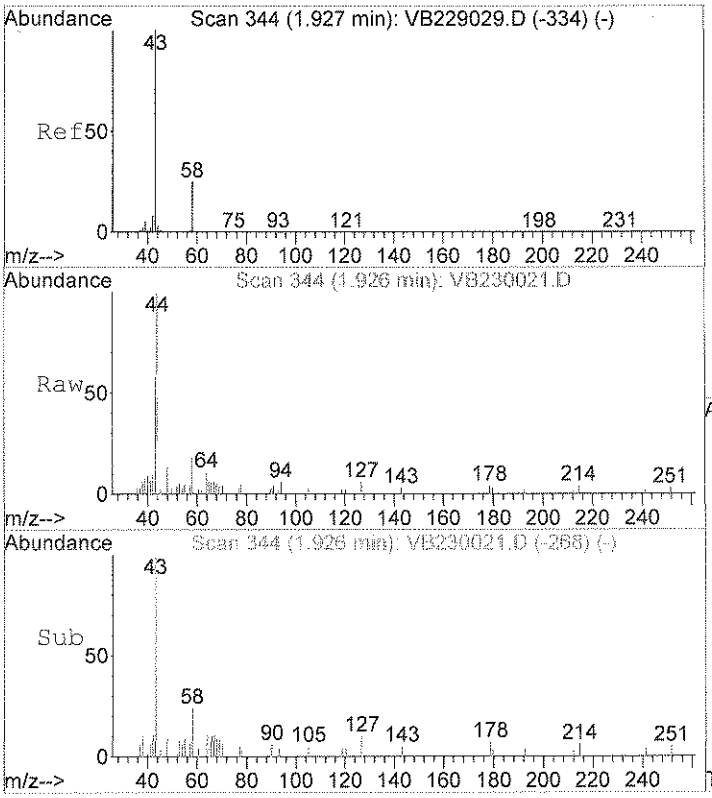
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	503892	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	755627	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	369469	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	371726	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	263915	23.39	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.56%			
42) TOLUENE-D8 SS	6.13	98	699962	23.99	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.96%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	279216	24.70	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	5848	2.40	UG/L	98
16) IODOMETHANE	2.03	142	274	Below Cal		97
20) METHYLENE CHLORIDE	2.22	49	4715	0.45	UG/L	96
33) TETRAHYDROFURAN	3.71	42	197010	60.41	UG/L	97
39) BENZENE	4.28	78	15740	0.56	UG/L	96
53) TOLUENE	6.19	91	11942	0.44	UG/L	93
66) ETHYLBENZENE	7.68	91	3127	0.11	UG/L	98

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230021.D
Acq On : 18 Aug 2011 9:38 pm
Operator : LBD/MFF
Sample : 11H0581-02 @ 300X
Misc : 300
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 19 10:36:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

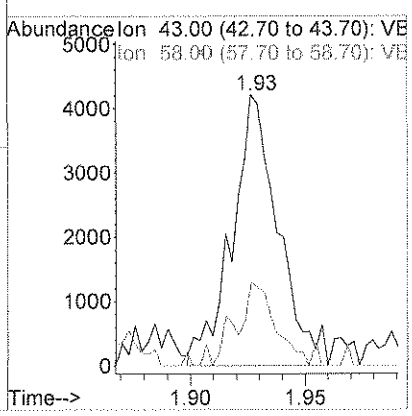


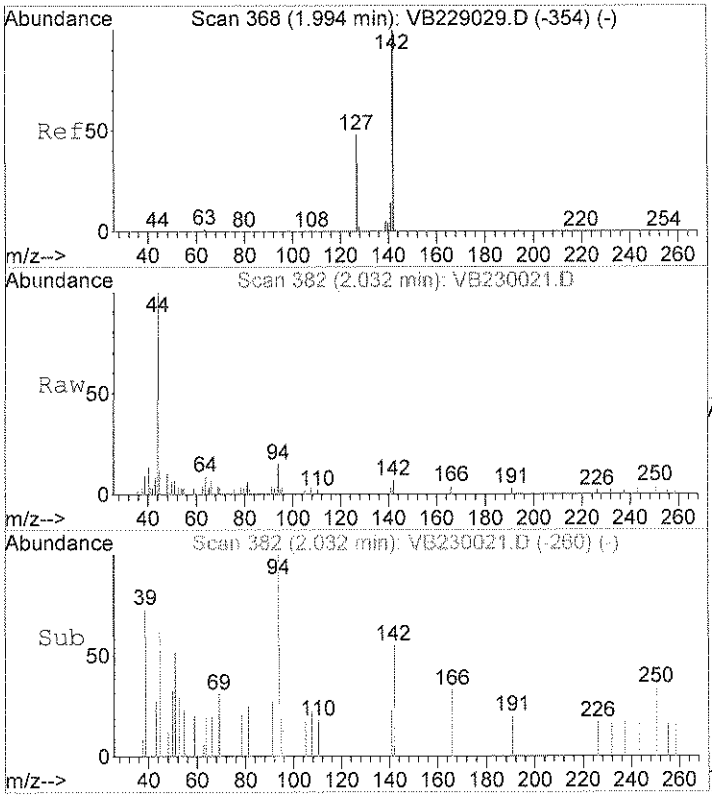


#13
ACETONE
Concen: 2.40 UG/L
RT: 1.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: VB230021.D
Acq: 18 Aug 2011 9:38 pm

Tgt Ion: 43 Resp: 5848

Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.2	30.2

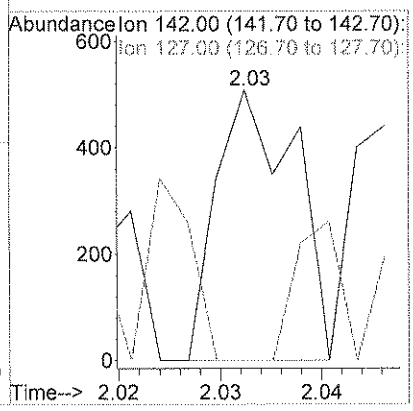


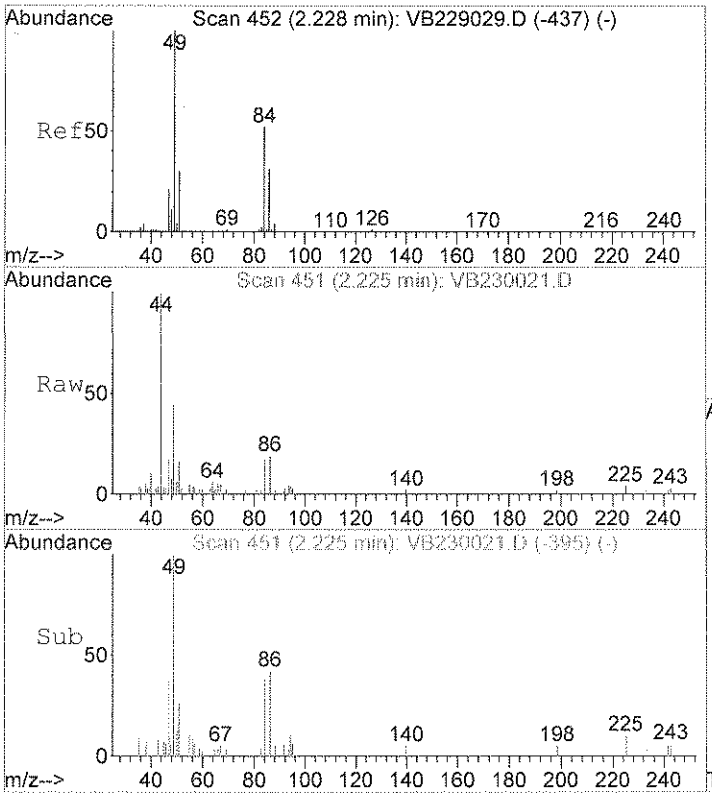


#16
IODOMETHANE
Concen: Below Cal
RT: 2.03 min Scan# 382
Delta R.T. 0.04 min
Lab File: VB230021.D
Acq: 18 Aug 2011 9:38 pm

Tgt Ion:142 Resp: 274

Ion	Ratio	Lower	Upper
142	100		
127	41.2	34.5	51.7

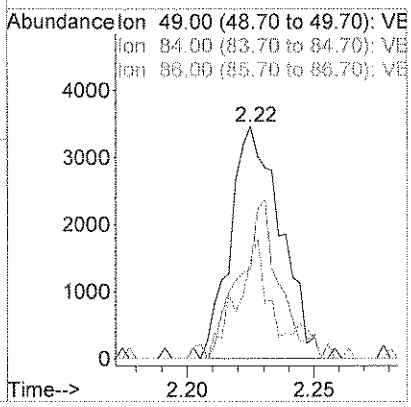


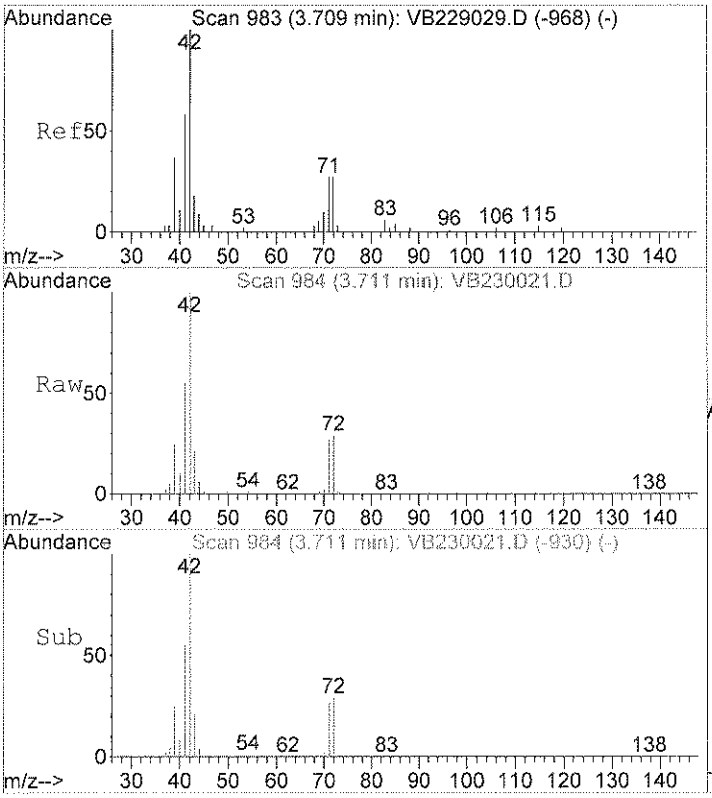


#20
METHYLENE CHLORIDE
Concen: 0.45 UG/L
RT: 2.22 min Scan# 451
Delta R.T. -0.00 min
Lab File: VB230021.D
Acq: 18 Aug 2011 9:38 pm

Tgt Ion: 49 Resp: 4715

Ion	Ratio	Lower	Upper
49	100		
84	55.7	41.1	61.7
86	33.1	26.5	39.7

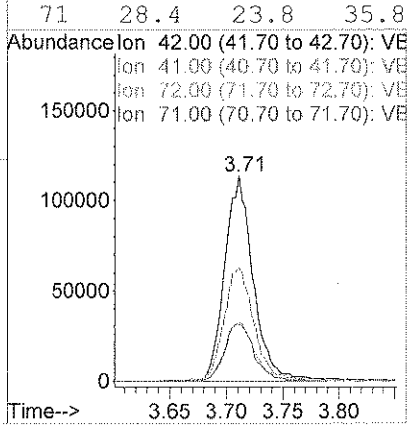


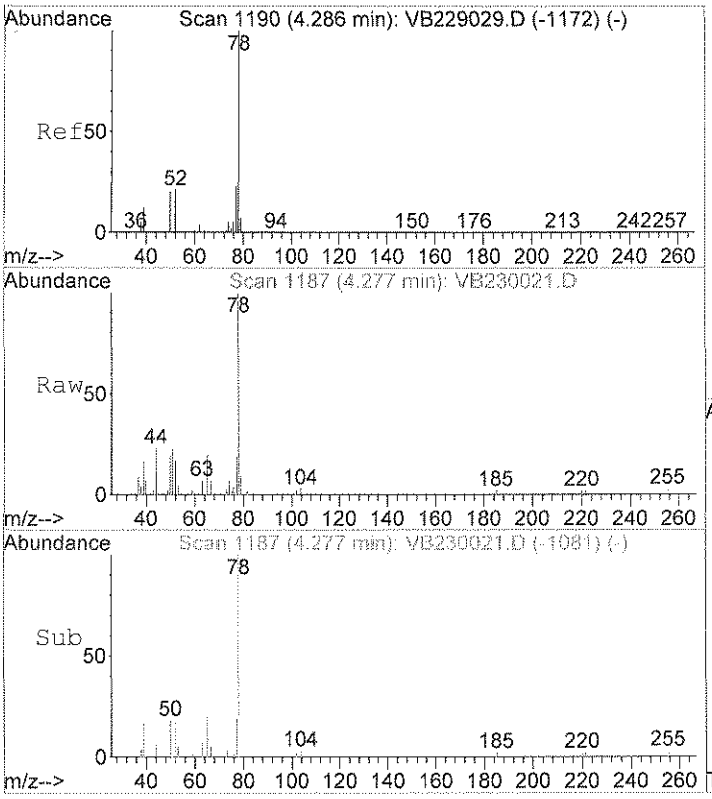


#33
TETRAHYDROFURAN
Concen: 60.41 UG/L
RT: 3.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VB230021.D
Acq: 18 Aug 2011 9:38 pm

Tgt Ion: 42 Resp: 197010

Ion	Ratio	Lower	Upper
42	100		
41	56.6	44.1	66.1
72	30.3	26.4	39.6
71	28.4	23.8	35.8

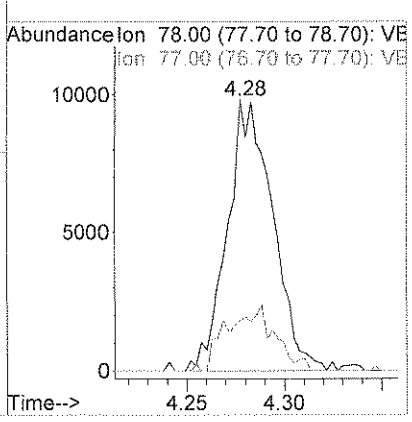


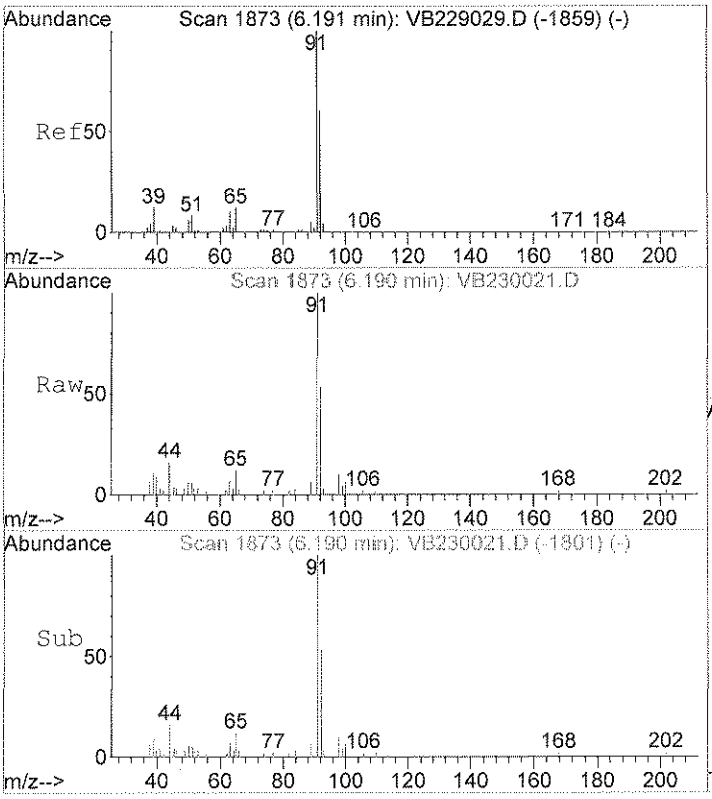


#39
BENZENE
Concen: 0.56 UG/L
RT: 4.28 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VB230021.D
Acq: 18 Aug 2011 9:38 pm

Tgt Ion: 78 Resp: 15740

Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.5	27.7

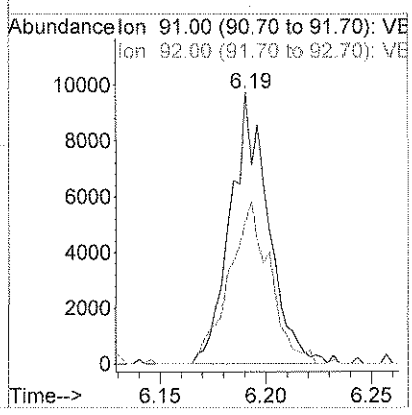


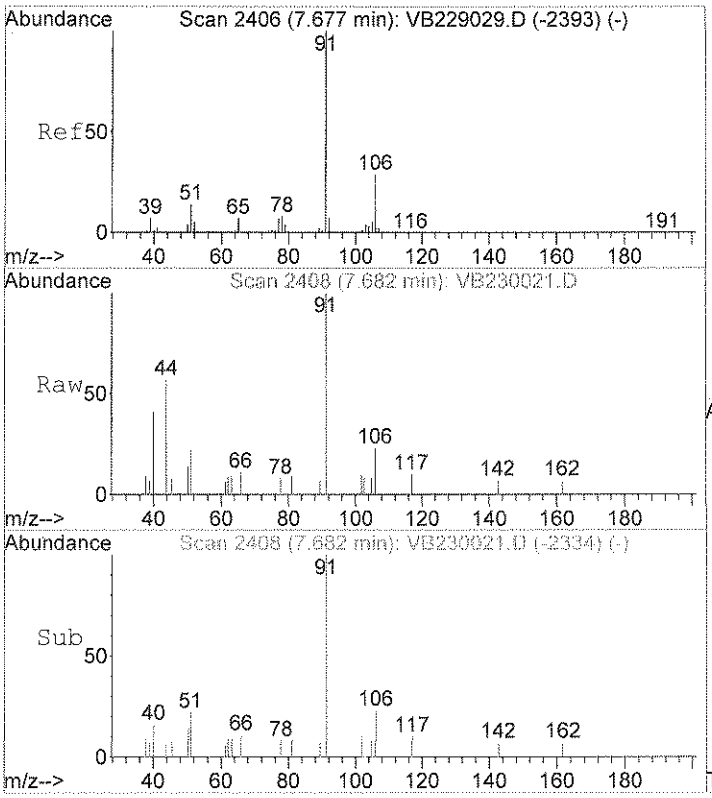


#53
TOLUENE
Concen: 0.44 UG/L
RT: 6.19 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VB230021.D
Acq: 18 Aug 2011 9:38 pm

Tgt Ion: 91 Resp: 11942

Ion	Ratio	Lower	Upper
91	100		
92	64.7	47.8	71.6

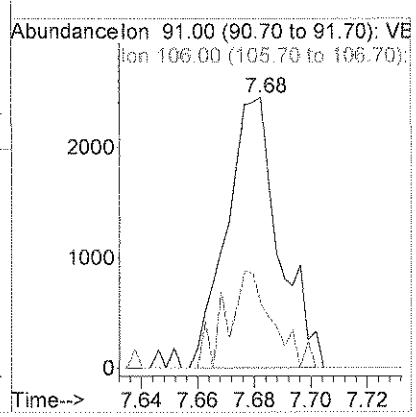




#66
ETHYLBENZENE
Concen: 0.11 UG/L
RT: 7.68 min Scan# 2408
Delta R.T. 0.01 min
Lab File: VB230021.D
Acq: 18 Aug 2011 9:38 pm

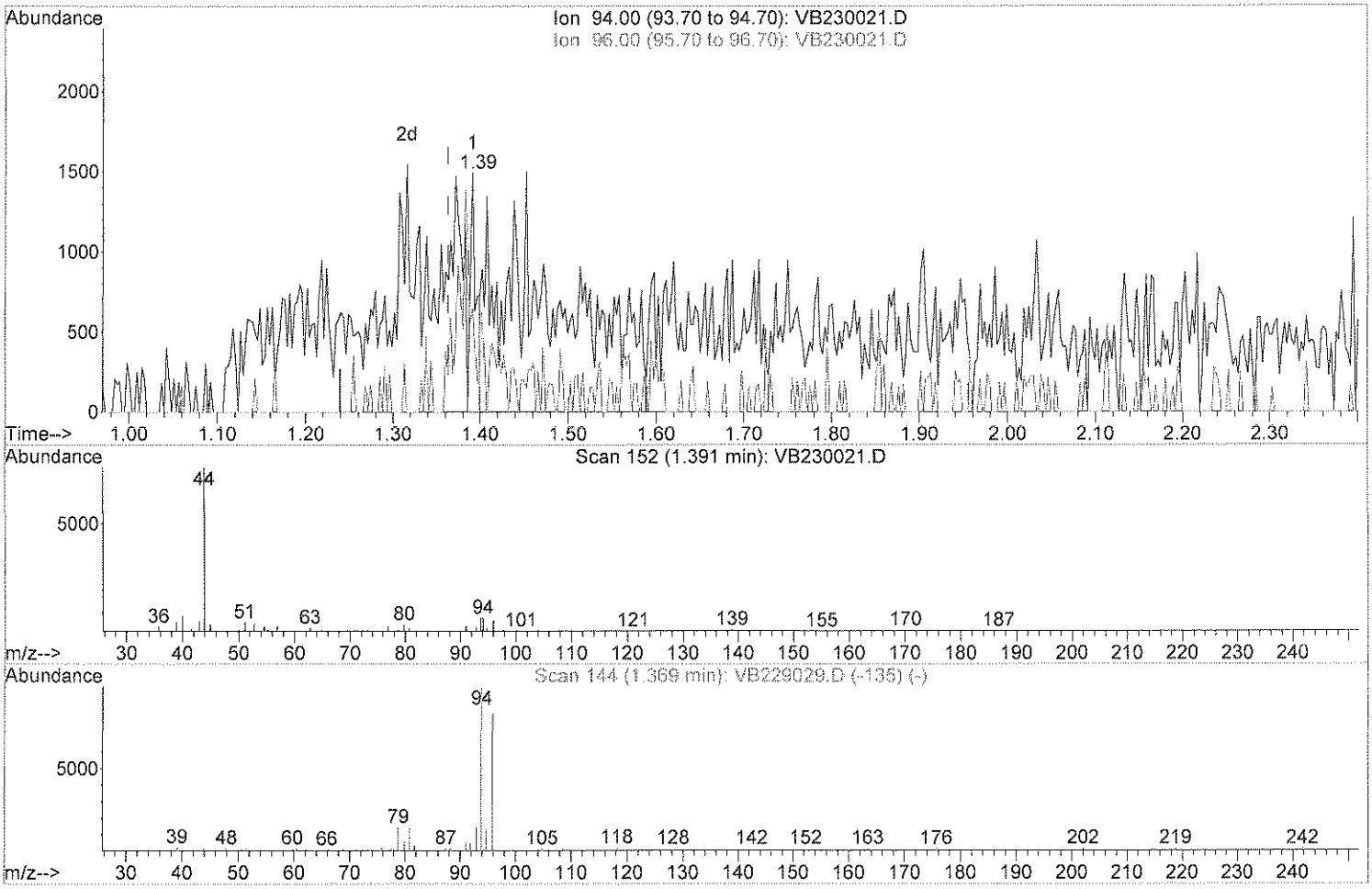
Tgt Ion: 91 Resp: 3127

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.1	36.1



Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230021.D
Acq On : 18 Aug 2011 9:38 pm
Operator : LBD/MFF
Sample : 11H0581-02 @ 300X
Misc : 300
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 19 08:16:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230021.D

(7) BROMOMETHANE (T)

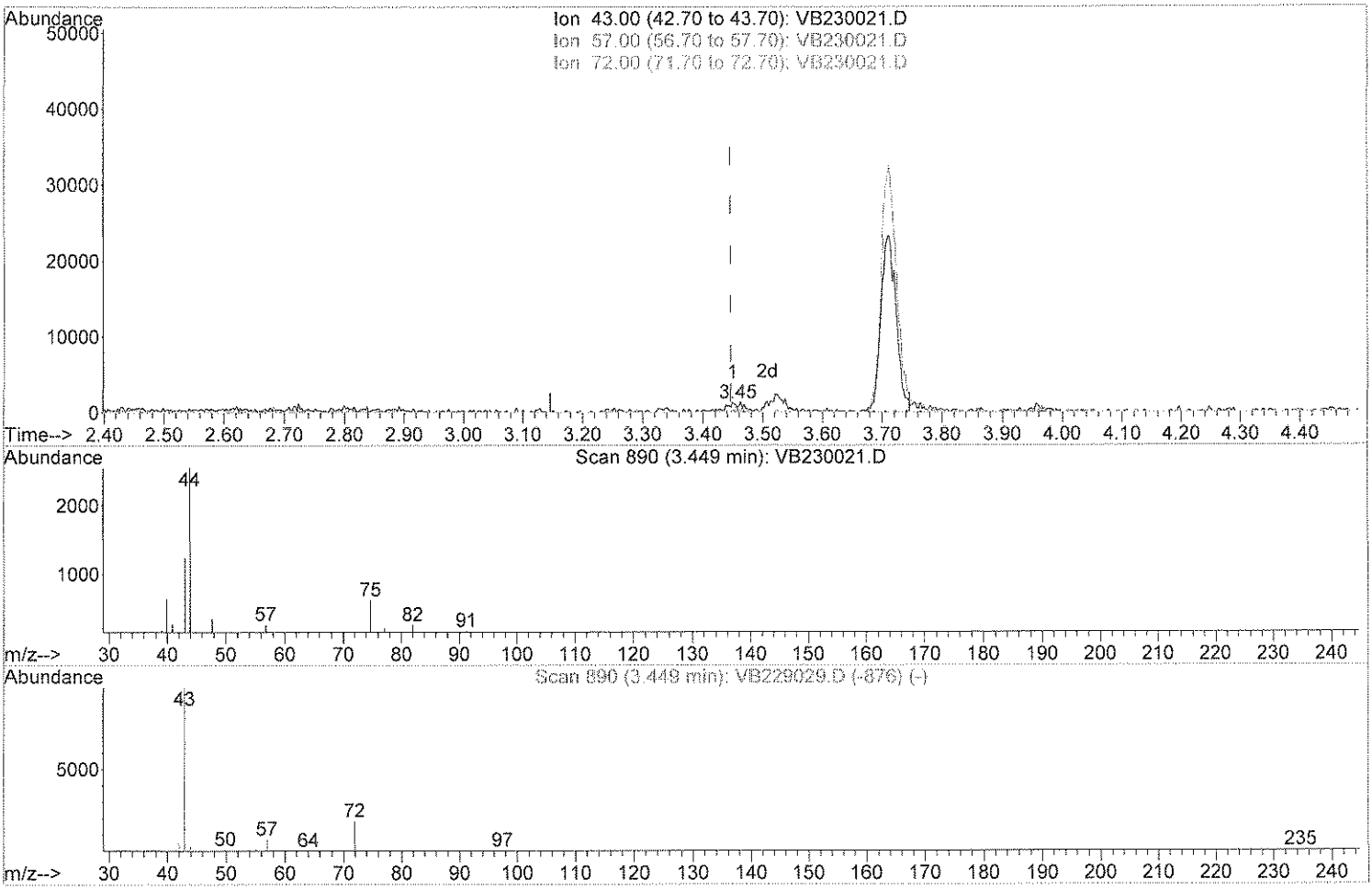
1.391min (+0.028) 0.20UG/L

response 740

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	190.14#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230021.D
Acq On : 18 Aug 2011 9:38 pm
Operator : LBD/MFF
Sample : 11H0581-02 @ 300X
Misc : 300
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 19 08:16:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230021.D

(27) 2-BUTANONE (T)

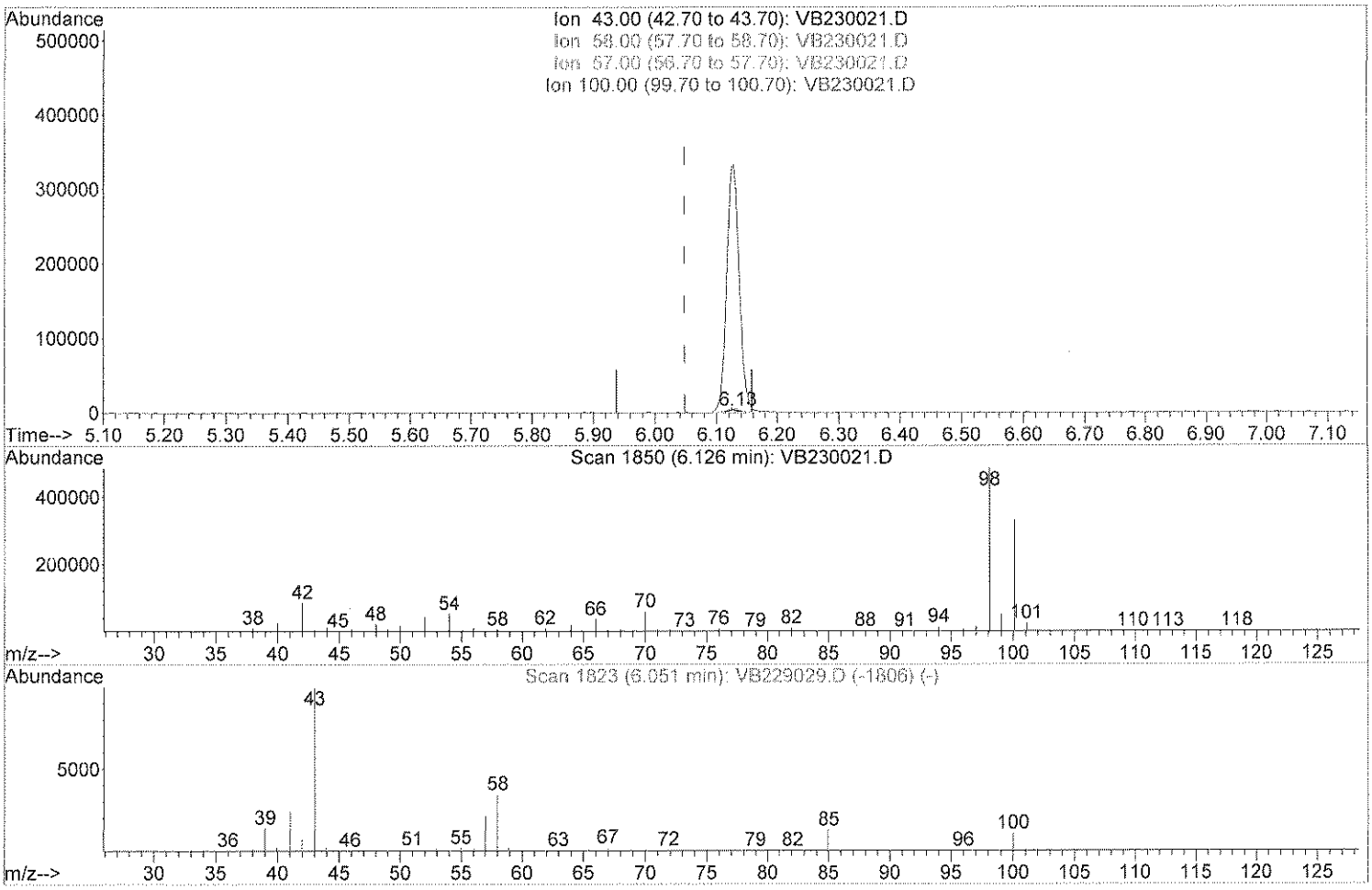
3.449min (+0.003) 0.29UG/L

response 1358

Ion	Exp%	Act%
43.00	100	100
57.00	7.10	0.00#
72.00	18.50	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230021.D
Acq On : 18 Aug 2011 9:38 pm
Operator : LBD/MFF
Sample : 11H0581-02 @ 300X
Misc : 300
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 19 08:16:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230021.D

(51) MIBK (T)

6.126min (+0.078) 0.49UG/L

response 4370

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	165.06#
57.00	24.10	0.00#
100.00	11.00	10531.67#

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-03	File ID:	VB230019.D
Sampled:	08/11/11 12:10	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 20:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	69	0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)	260	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	1.0	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW15-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-03	File ID:	VB230019.D
Sampled:	08/11/11 12:10	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 20:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane	1.3	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	1.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW15-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-03	File ID:	VB230019.D
Sampled:	08/11/11 12:10	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 20:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	20	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran	95	1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	12	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW15-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-03	File ID:	VB230019.D
Sampled:	08/11/11 12:10	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 20:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230019.D
Acq On : 18 Aug 2011 8:33 pm
Operator : LBD/MFF
Sample : 11H0581-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 19 2011

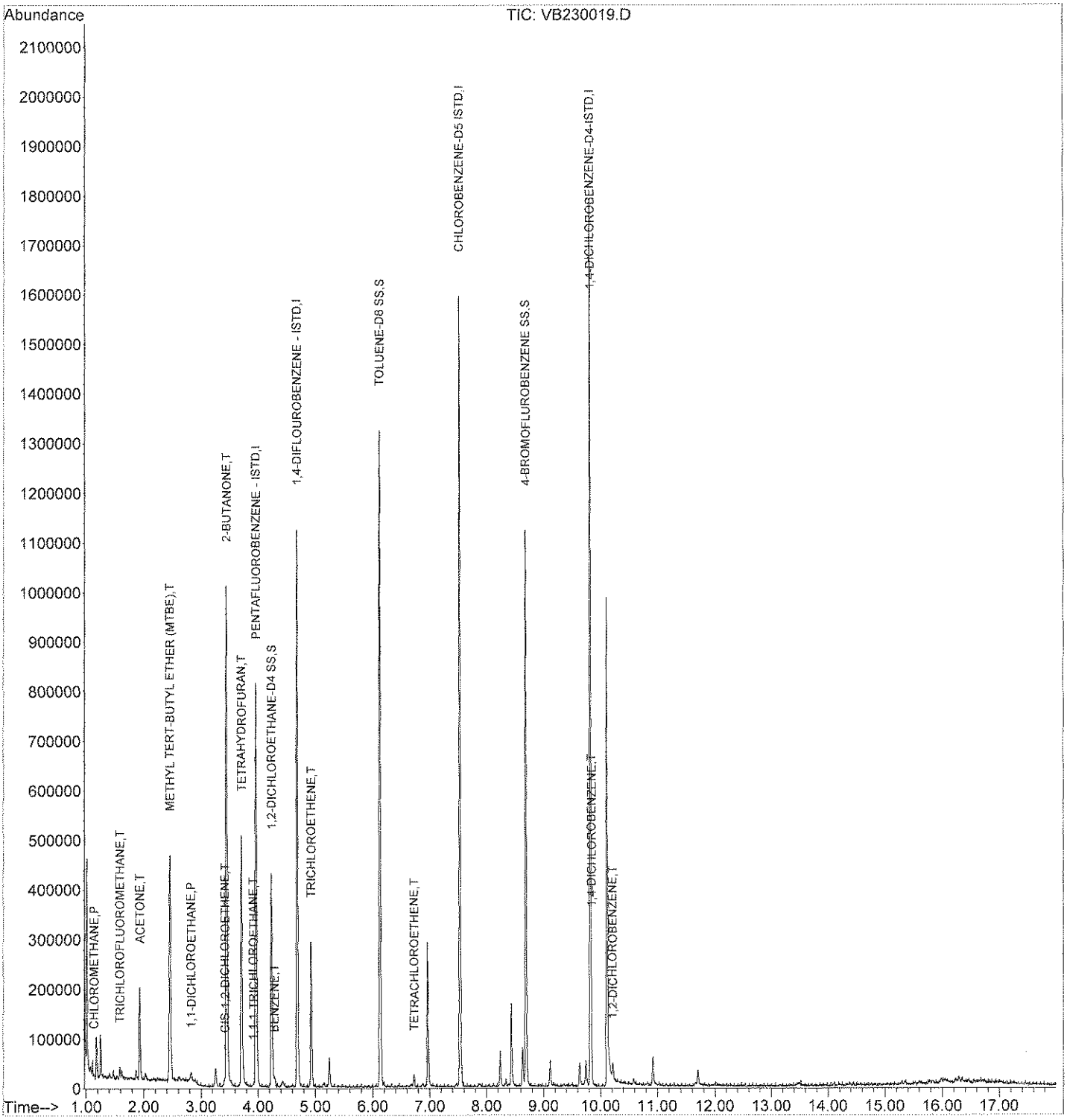
Quant Time: Aug 19 10:30:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

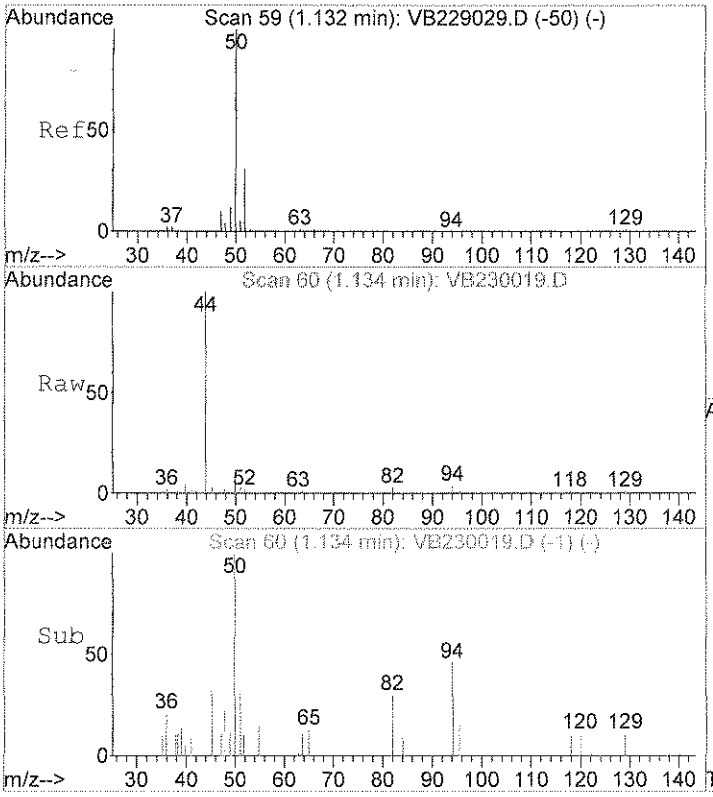
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	500584	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	750235	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	370883	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	385754	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	261146	23.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.16%				
42) TOLUENE-D8 SS	6.13	98	699074	24.13	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.52%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	298004	26.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.04%				
Target Compounds							Qvalue
5) CHLOROMETHANE	1.13	50	2049	0.21	UG/L		94
10) TRICHLOROFLUOROMETHANE	1.57	101	1904	0.23	UG/L		84
13) ACETONE	1.93	43	167624	69.14	UG/L		100
16) IODOMETHANE	2.03	142	487	Below Cal			97
22) METHYL TERT-BUTYL ETHER (M	2.45	73	311805	19.94	UG/L		98
24) 1,1-DICHLOROETHANE	2.82	63	13632	1.32	UG/L	#	93
27) 2-BUTANONE	3.45	43	1220988	260.43	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.41	61	4559	0.36	UG/L	#	84
33) TETRAHYDROFURAN	3.71	42	308657	95.27	UG/L		97
35) 1,1,1-TRICHLOROETHANE	3.91	97	1950	0.23	UG/L	#	75
39) BENZENE	4.28	78	10103	0.36	UG/L	#	73
44) TRICHLOROETHENE	4.93	95	79741	12.43	UG/L		98
58) TETRACHLOROETHENE	6.71	164	4081	0.86	UG/L		89
87) 1,4-DICHLOROBENZENE	9.85	146	2050	0.13	UG/L	#	26
89) 1,2-DICHLOROBENZENE	10.21	146	9720	0.65	UG/L		98

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230019.D
Acq On : 18 Aug 2011 8:33 pm
Operator : LBD/MFF
Sample : 11H0581-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 19 10:30:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

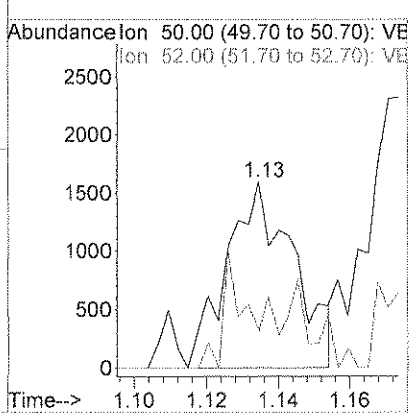


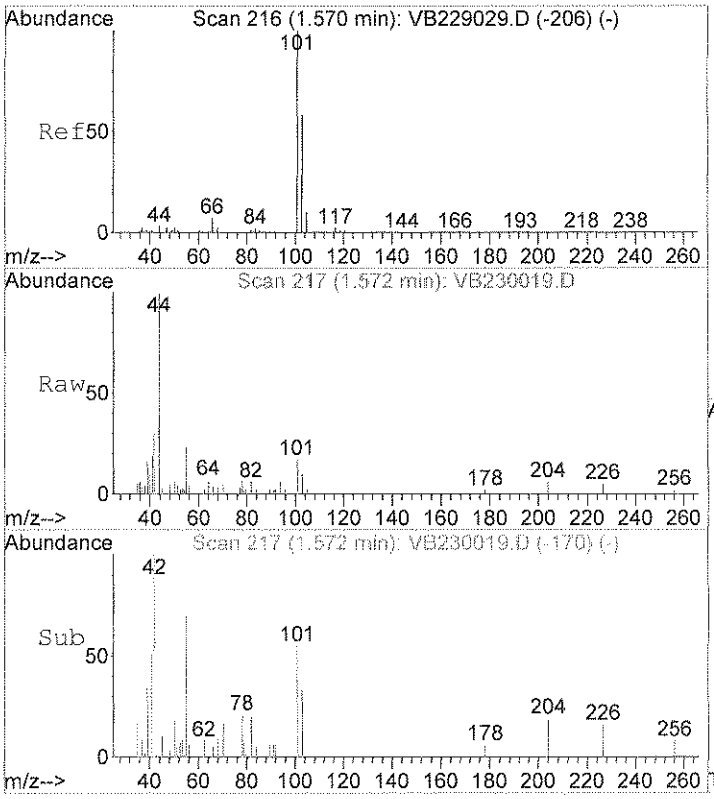


#5
CHLOROMETHANE
Concen: 0.21 UG/L
RT: 1.13 min Scan# 60
Delta R.T. -0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 50 Resp: 2049

Ion	Ratio	Lower	Upper
50	100		
52	27.6	24.6	36.8

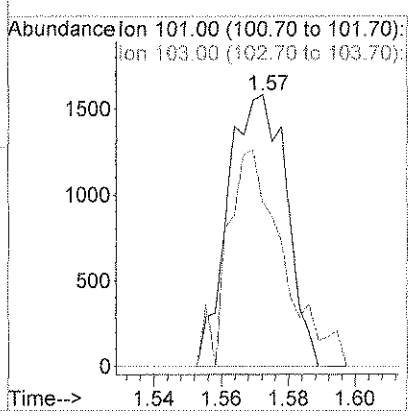


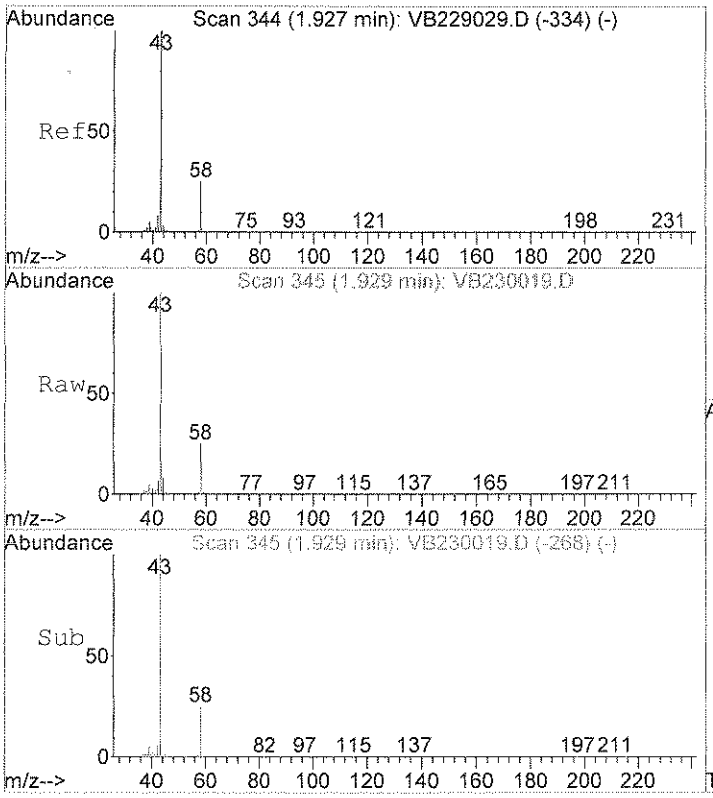


#10
TRICHLOROFLUOROMETHANE
Concen: 0.23 UG/L
RT: 1.57 min Scan# 217
Delta R.T. 0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion:101 Resp: 1904

Ion	Ratio	Lower	Upper
101	100		
103	76.4	51.2	76.8

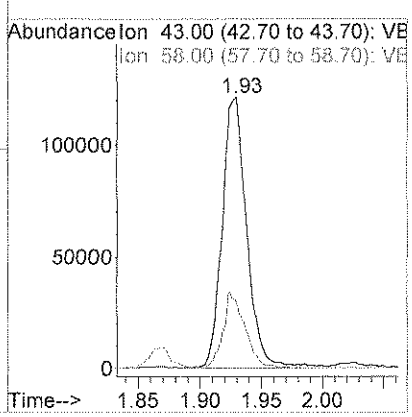


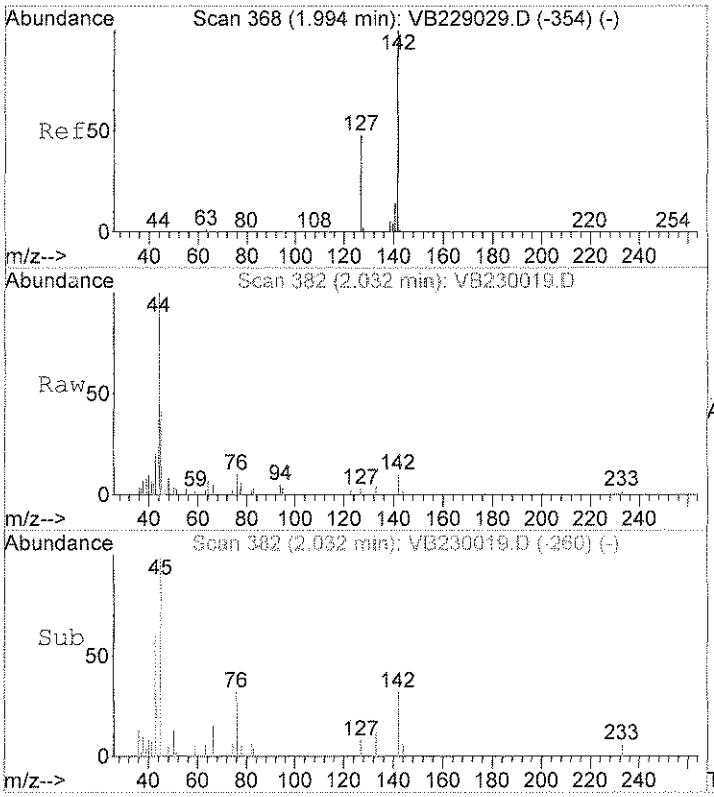


#13
ACETONE
Concen: 69.14 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 43 Resp: 167624

Ion	Ratio	Lower	Upper
43	100		
58	24.9	20.2	30.2

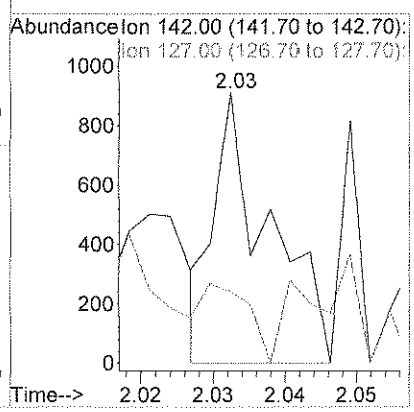


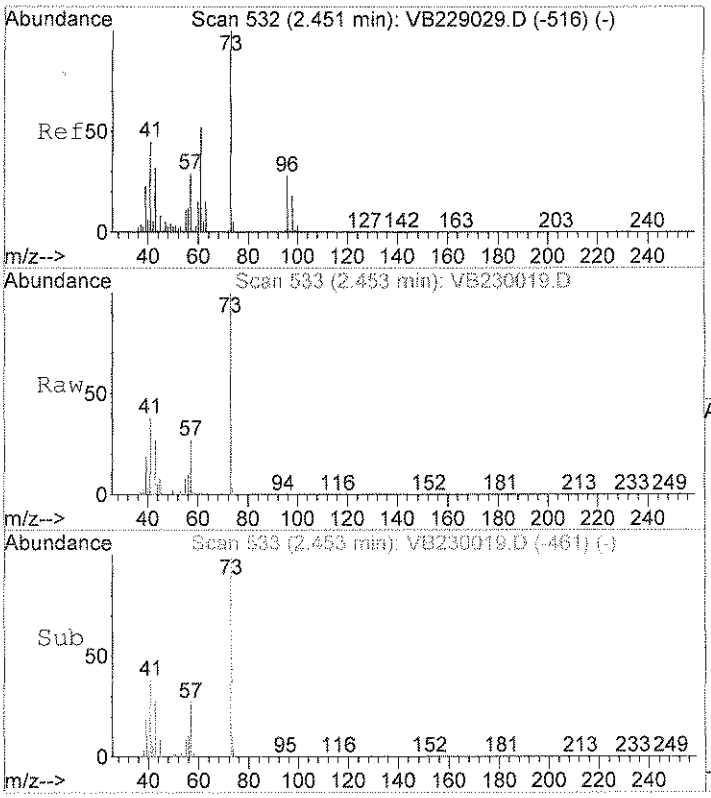


#16
IODOMETHANE
Concen: Below Cal
RT: 2.03 min Scan# 382
Delta R.T. 0.04 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion:142 Resp: 487

Ion	Ratio	Lower	Upper
142	100		
127	40.9	34.5	51.7

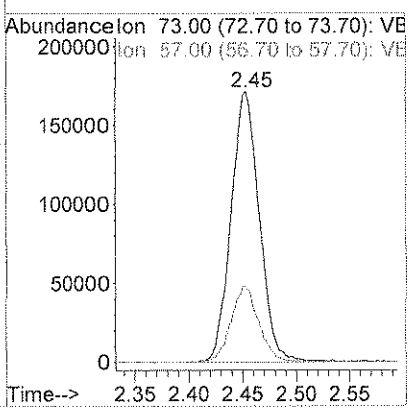


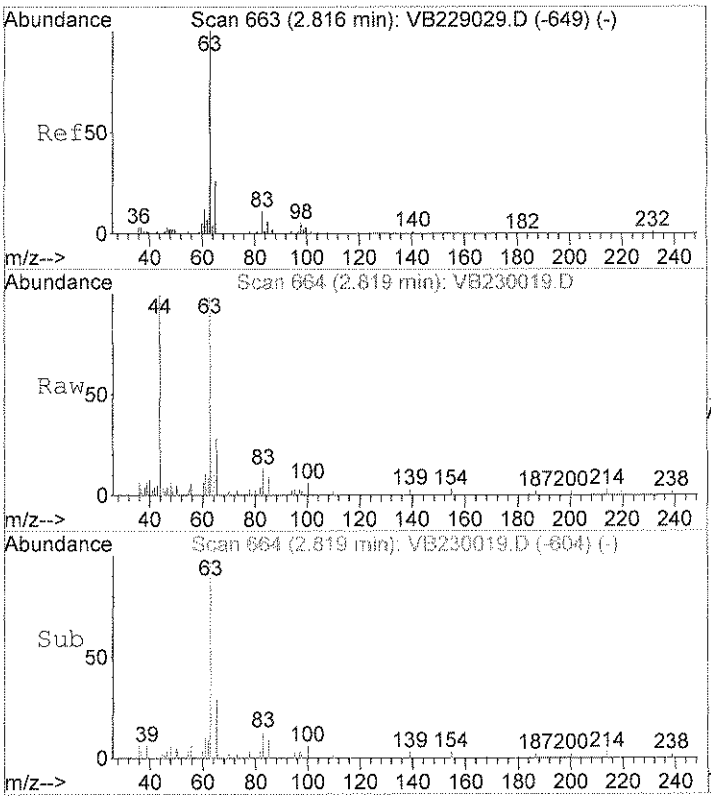


#22
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 19.94 UG/L
RT: 2.45 min Scan# 533
Delta R.T. -0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 73 Resp: 311805

Ion	Ratio	Lower	Upper
73	100		
57	27.5	21.1	31.7

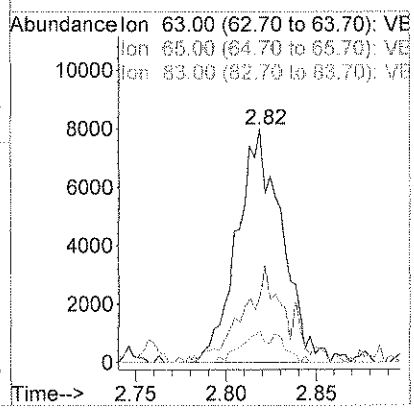


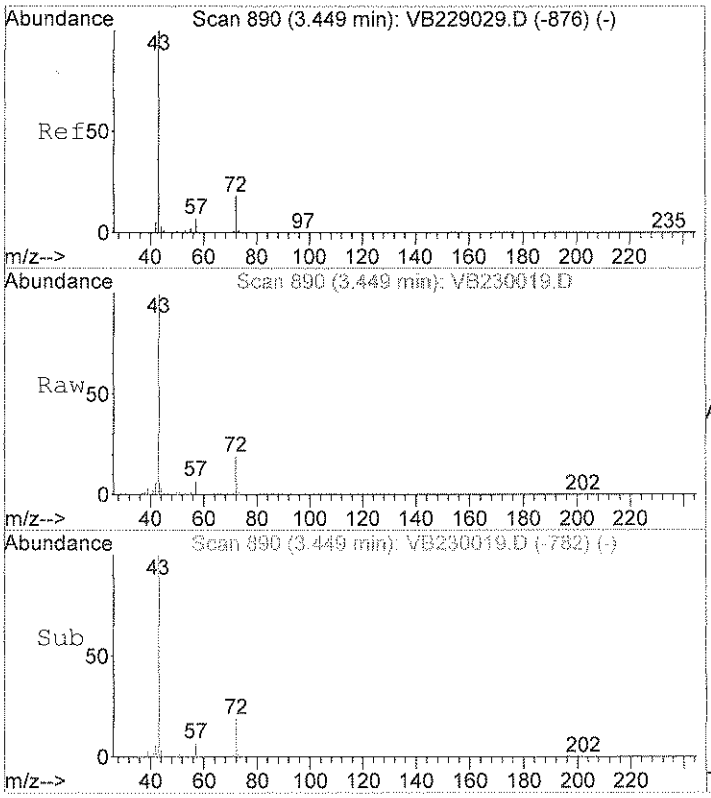


#24
1,1-DICHLOROETHANE
Concen: 1.32 UG/L
RT: 2.82 min Scan# 664
Delta R.T. -0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 63 Resp: 13632

Ion	Ratio	Lower	Upper
63	100		
65	33.3	23.9	35.9
83	7.8	9.4	14.0#

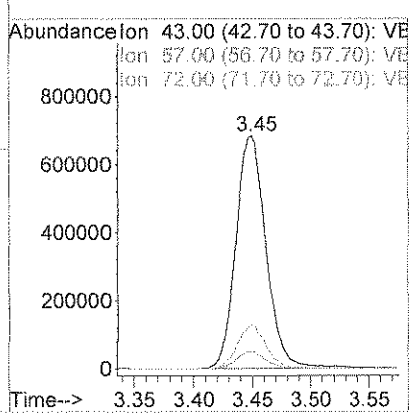


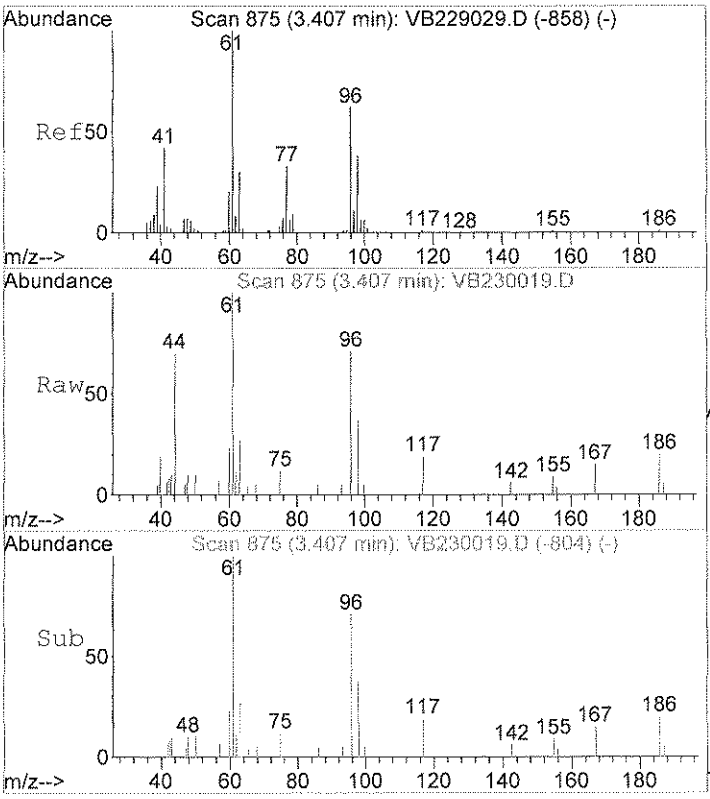


#27
2-BUTANONE
Concen: 260.43 UG/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 43 Resp: 1220988

Ion	Ratio	Lower	Upper
43	100		
57	7.2	5.7	8.5
72	18.0	14.8	22.2

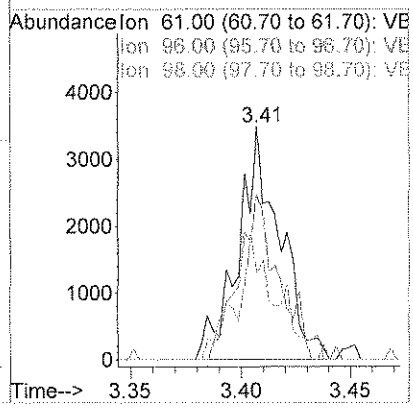


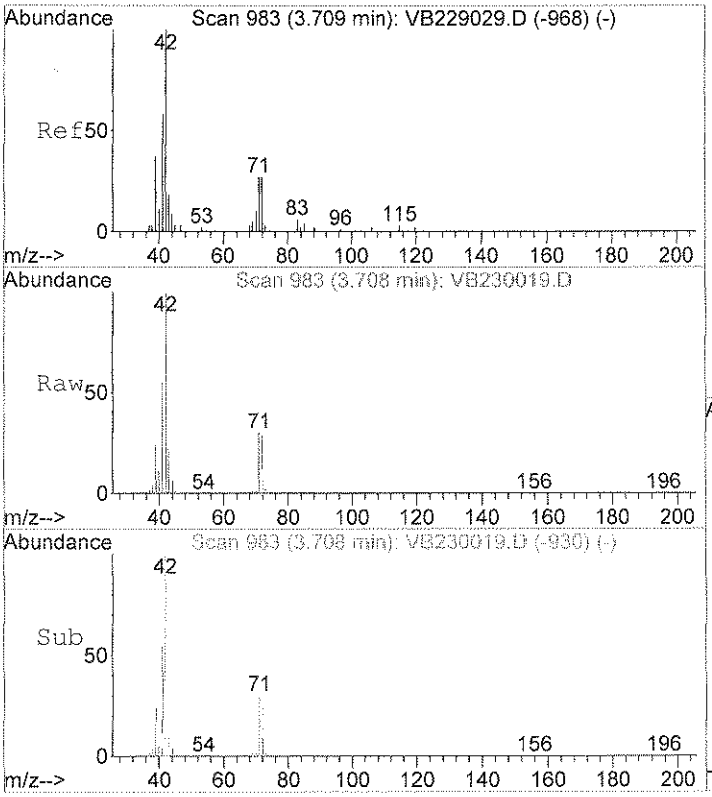


#29
CIS-1,2-DICHLOROETHENE
Concen: 0.36 UG/L
RT: 3.41 min Scan# 875
Delta R.T. -0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 61 Resp: 4559

Ion	Ratio	Lower	Upper
61	100		
96	67.6	48.0	72.0
98	53.2	30.6	46.0#

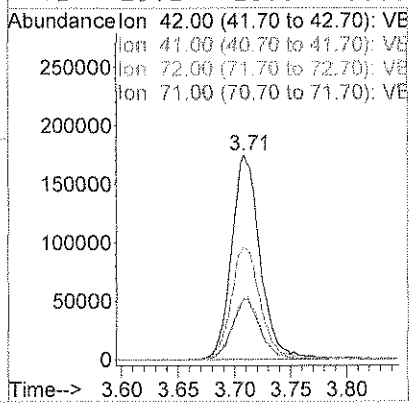


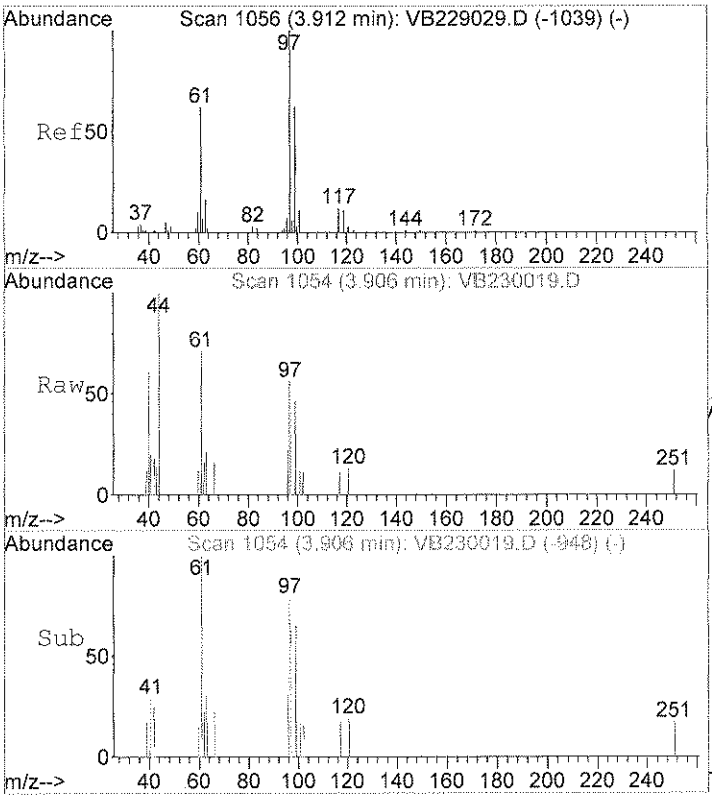


#33
TETRAHYDROFURAN
Concen: 95.27 UG/L
RT: 3.71 min Scan# 983
Delta R.T. -0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 42 Resp: 308657

Ion	Ratio	Lower	Upper
42	100		
41	57.0	44.1	66.1
72	29.6	26.4	39.6
71	29.2	23.8	35.8

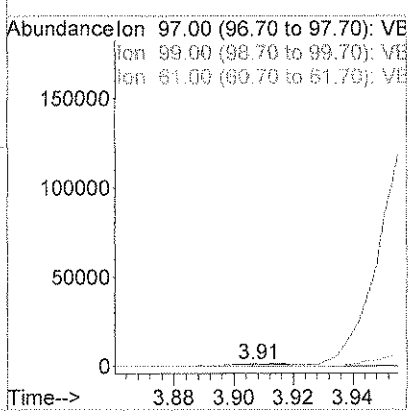


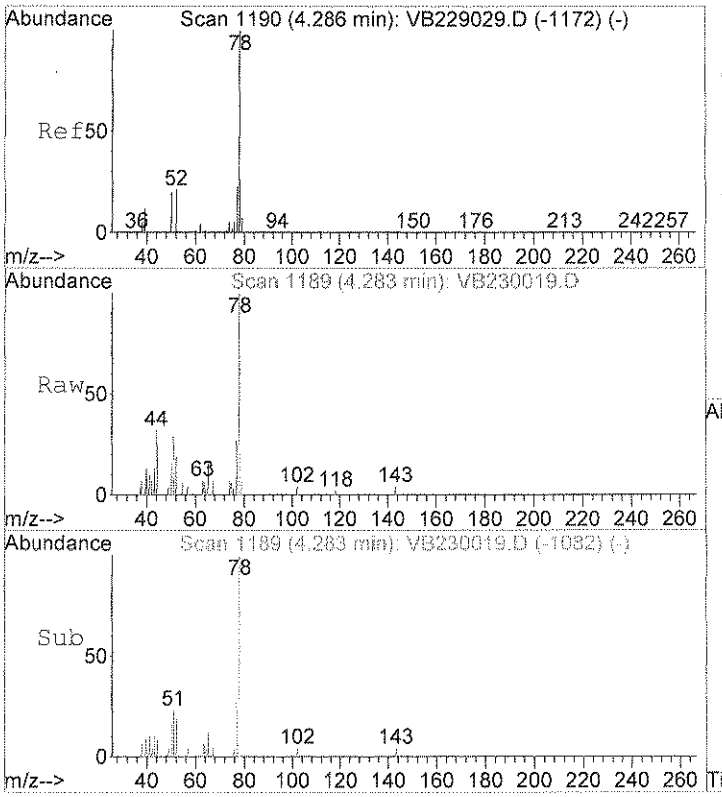


#35
1,1,1-TRICHLOROETHANE
Concen: 0.23 UG/L
RT: 3.91 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 97 Resp: 1950

Ion	Ratio	Lower	Upper
97	100		
99	32.7	51.0	76.6#
61	46.7	40.7	61.1

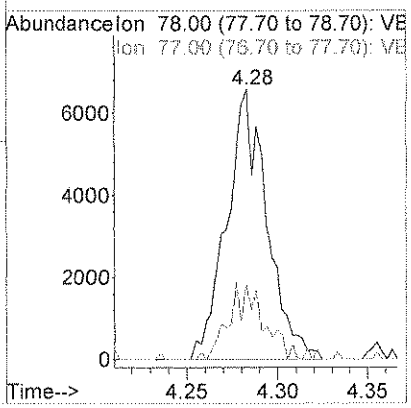


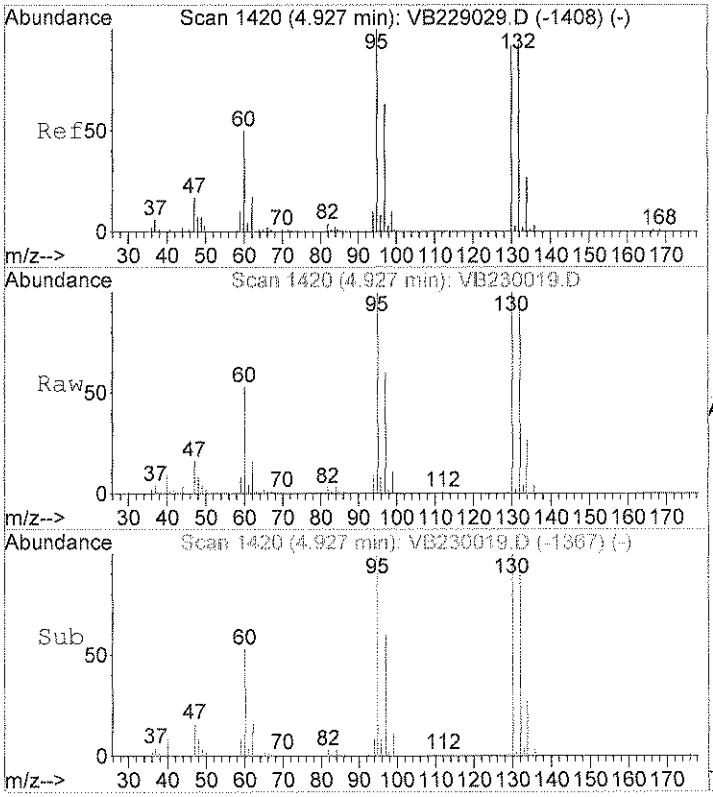


#39
BENZENE
Concen: 0.36 UG/L
RT: 4.28 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 78 Resp: 10103

Ion	Ratio	Lower	Upper
78	100		
77	10.1	18.5	27.7#

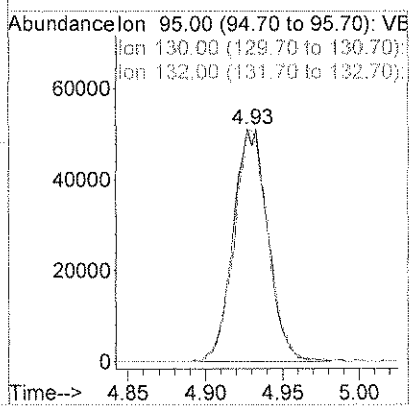


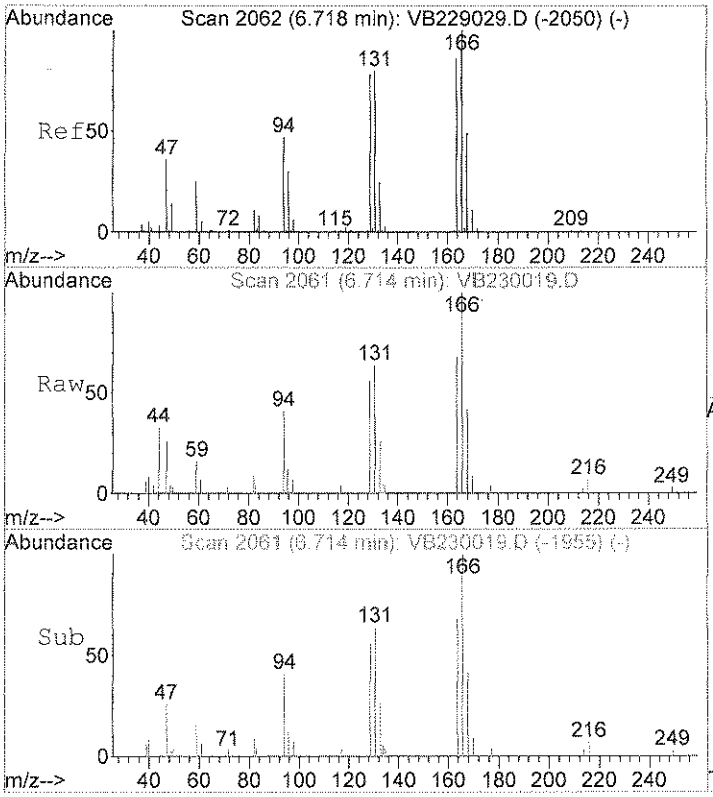


#44
TRICHLOROETHENE
Concen: 12.43 UG/L
RT: 4.93 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion: 95 Resp: 79741

Ion	Ratio	Lower	Upper
95	100		
130	97.9	77.0	115.6
132	99.0	78.0	117.0

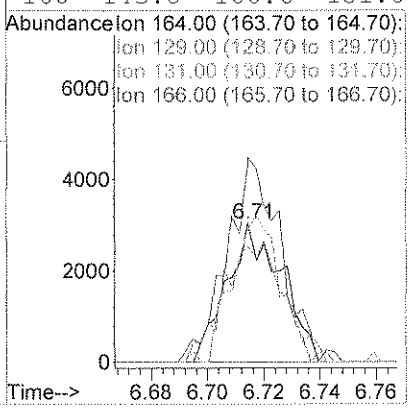


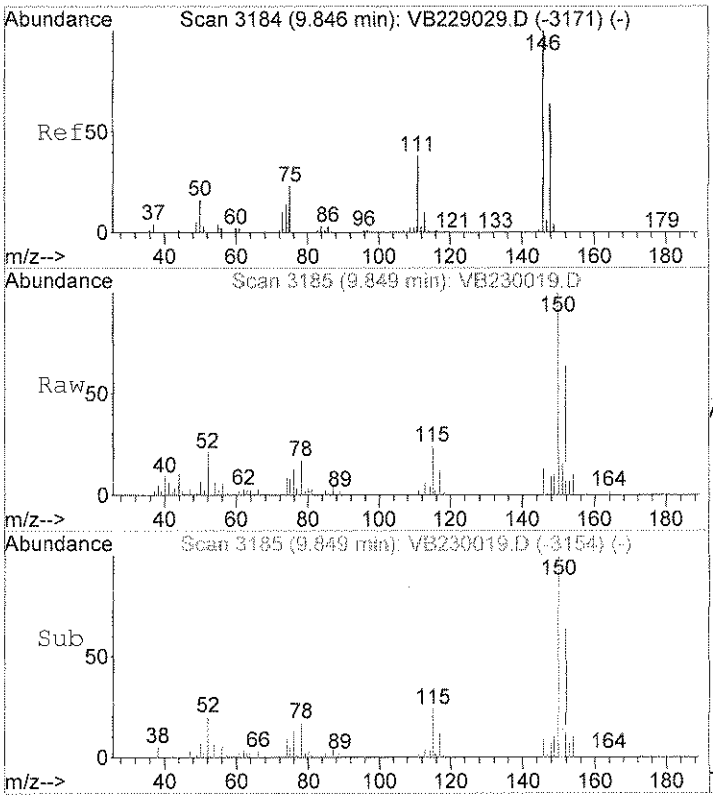


#58
TETRACHLOROETHENE
Concen: 0.86 UG/L
RT: 6.71 min Scan# 2061
Delta R.T. -0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion:164 Resp: 4081

Ion	Ratio	Lower	Upper
164	100		
129	93.2	70.1	105.1
131	97.7	70.2	105.4
166	143.8	100.6	151.0

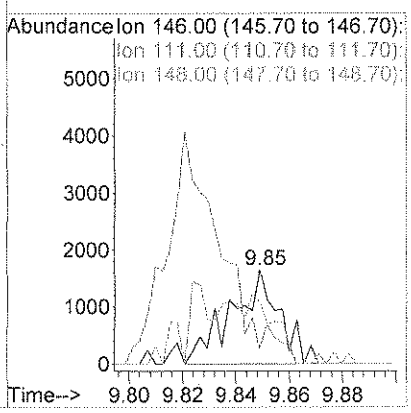


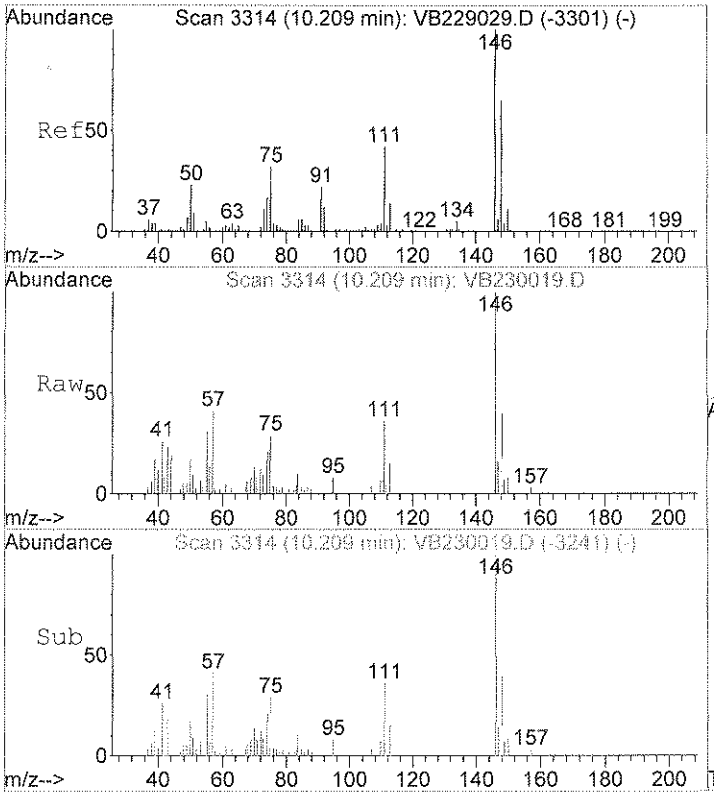


#87
1,4-DICHLOROBENZENE
Concen: 0.13 UG/L
RT: 9.85 min Scan# 3185
Delta R.T. 0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

Tgt Ion:146 Resp: 2050

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.1	45.1#
148	0.0	50.8	76.2#

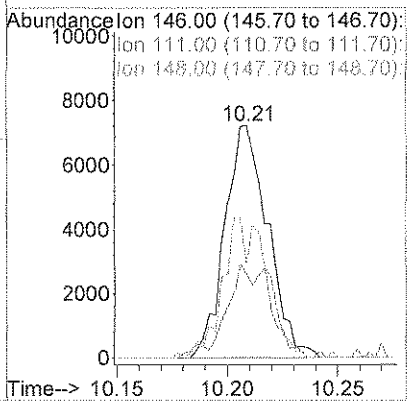




#89
1,2-DICHLOROBENZENE
Concen: 0.65 UG/L
RT: 10.21 min Scan# 3314
Delta R.T. 0.00 min
Lab File: VB230019.D
Acq: 18 Aug 2011 8:33 pm

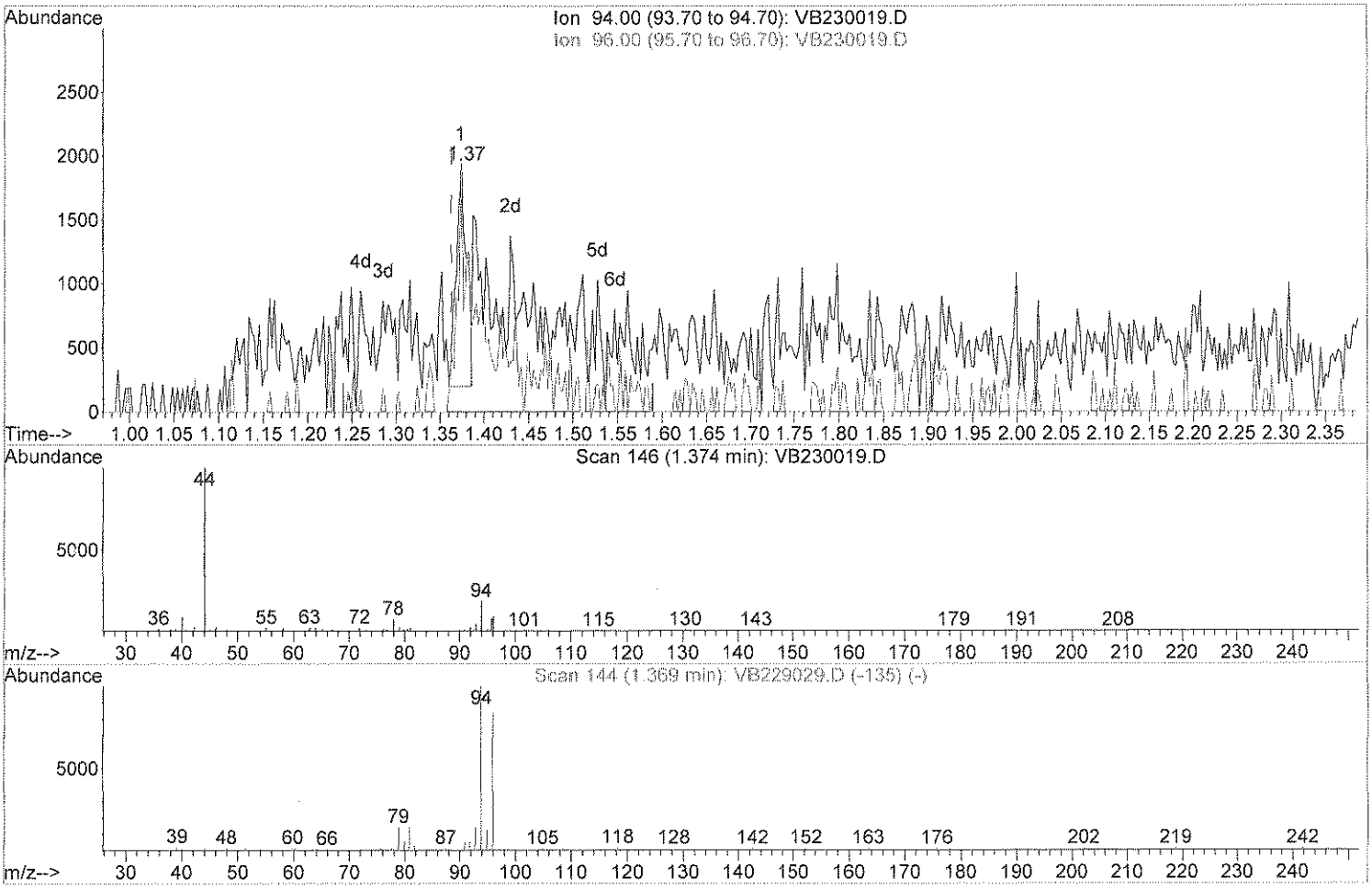
Tgt Ion:146 Resp: 9720

Ion	Ratio	Lower	Upper
146	100		
111	41.3	32.2	48.4
148	62.1	50.9	76.3



Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230019.D
Acq On : 18 Aug 2011 8:33 pm
Operator : LBD/MFF
Sample : 11H0581-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 19 08:13:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230019.D

(7) BROMOMETHANE (T)

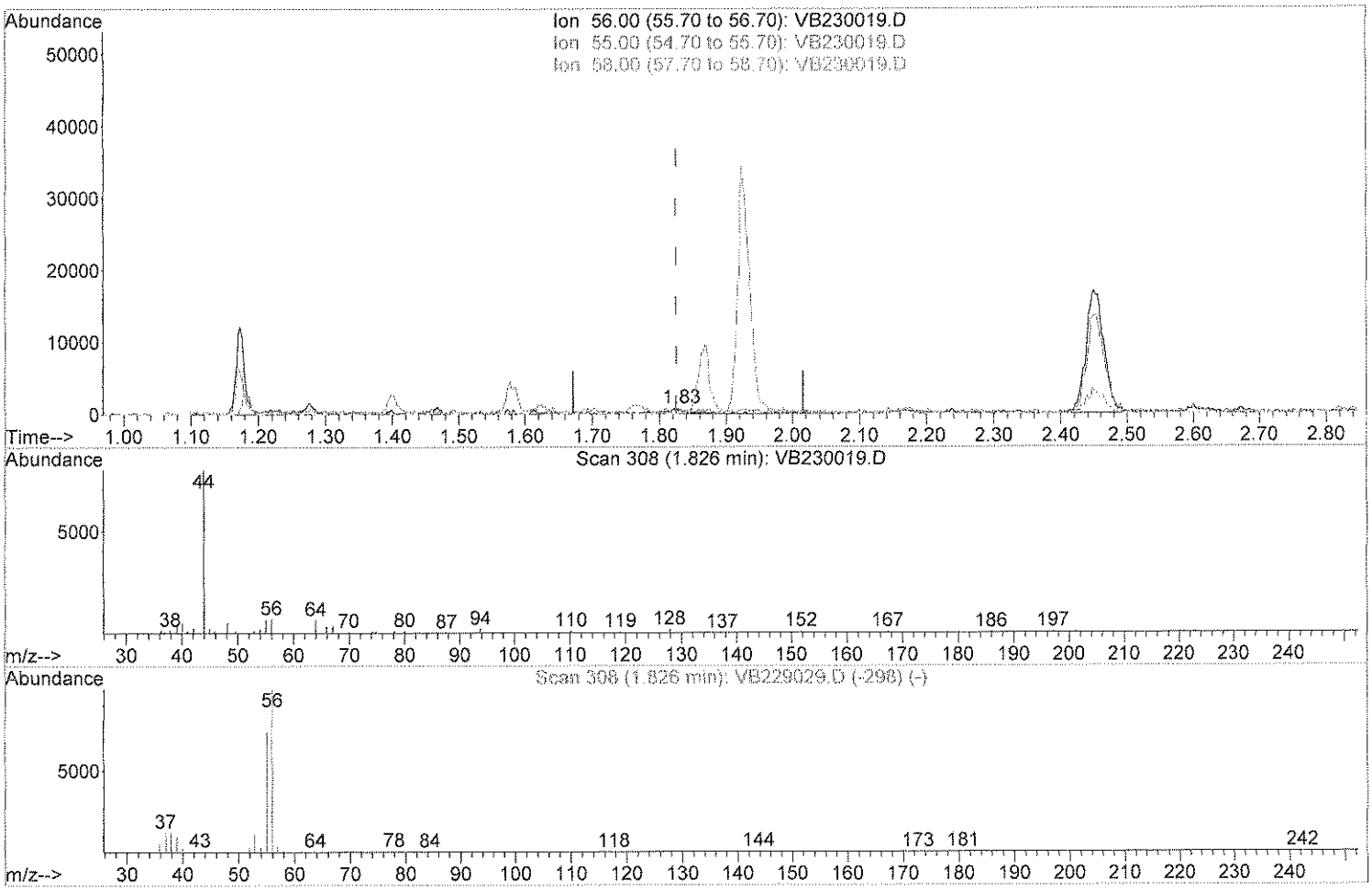
1.374min (+0.011) 0.39UG/L

response 1435

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	170.17#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230019.D
Acq On : 18 Aug 2011 8:33 pm
Operator : LBD/MFF
Sample : 11H0581-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 19 08:13:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230019.D

(12) ACROLEIN

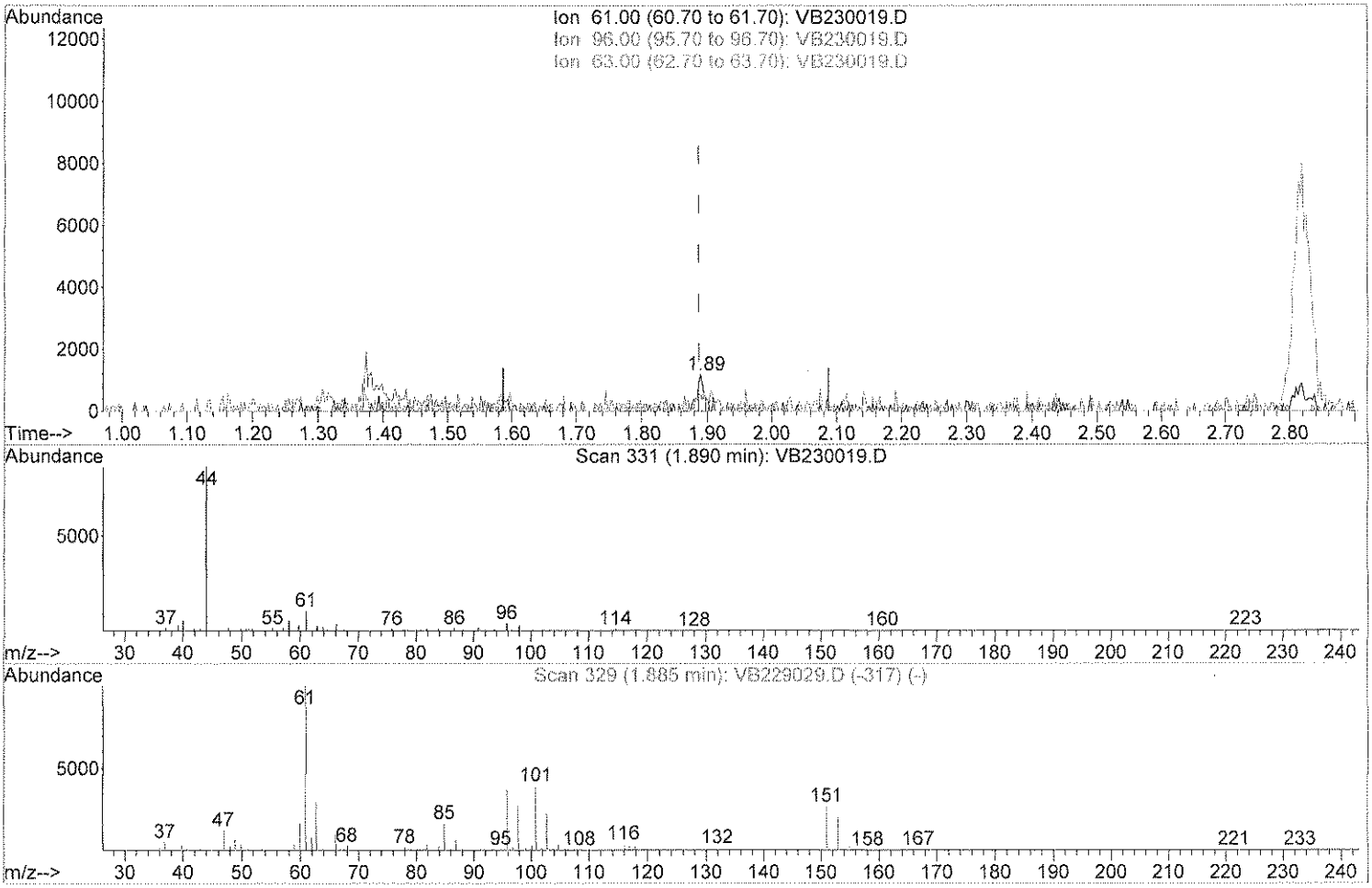
1.826min (-0.000) 1.27UG/L

response 667

Ion	Exp%	Act%
56.00	100	100
55.00	73.80	0.00#
58.00	0.50	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230019.D
Acq On : 18 Aug 2011 8:33 pm
Operator : LBD/MFF
Sample : 11H0581-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 19 08:13:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230019.D

(14) 1,1-DICHLOROETHENE (C)

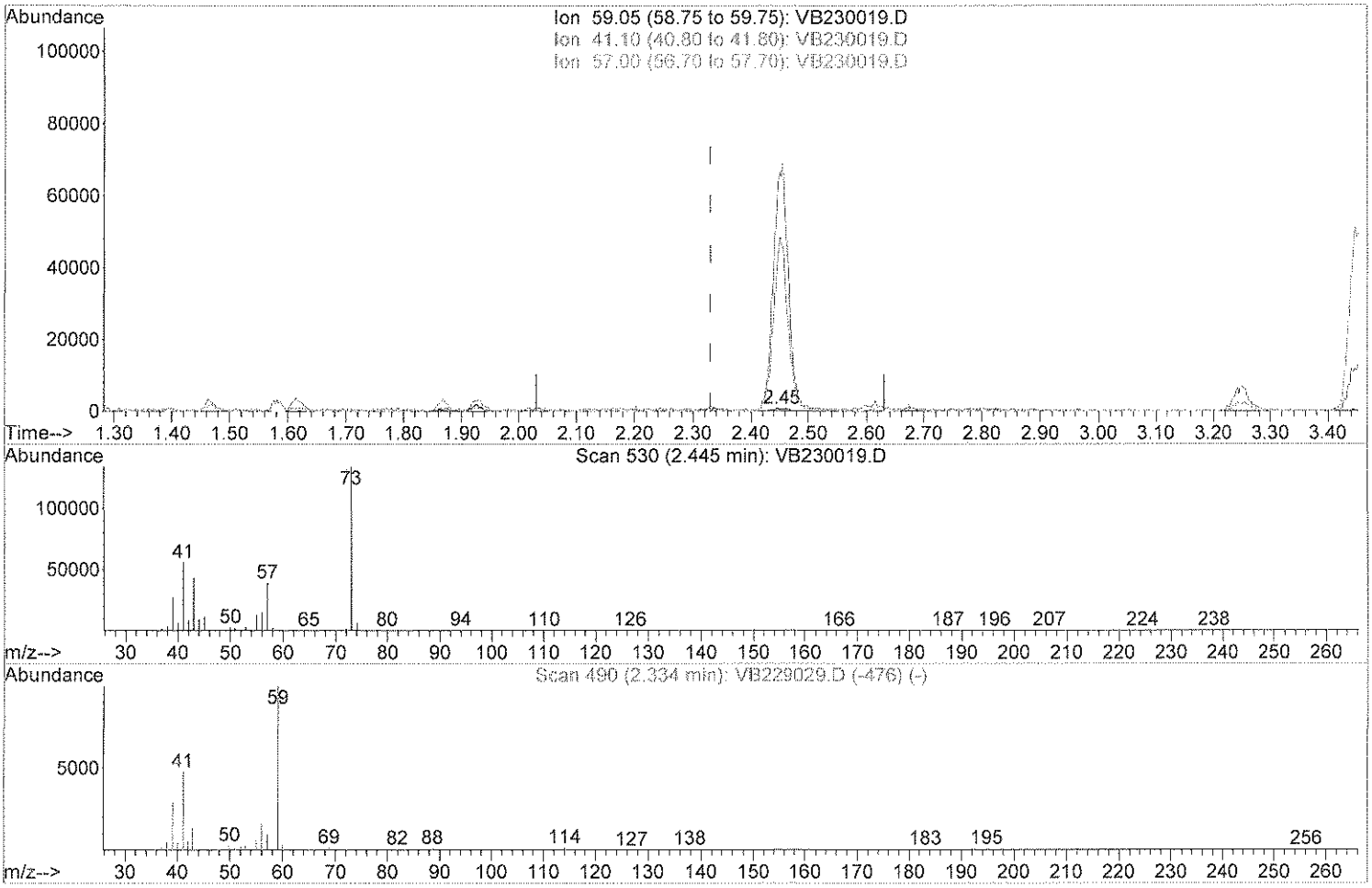
1.890min (+0.003) 0.10UG/L

response 908

Ion	Exp%	Act%
61.00	100	100
96.00	49.80	0.00#
63.00	30.80	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230019.D
Acq On : 18 Aug 2011 8:33 pm
Operator : LBD/MFF
Sample : 11H0581-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 19 08:13:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230019.D

(18) T-BUTYL ALCOHOL

2.445min (+0.114) 0.98UG/L

response 528

Ion	Exp%	Act%
59.05	100	100
41.10	34.90	24126.33#
57.00	11.00	16227.84#
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-04	File ID:	VB230020.D
Sampled:	08/11/11 13:30	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 21:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	64	0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.75	0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)	250	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	1.0	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW15-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-04	File ID:	VB230020.D
Sampled:	08/11/11 13:30	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 21:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW15-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-04	File ID:	VB230020.D
Sampled:	08/11/11 13:30	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 21:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	36	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran	96	1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW15-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-04	File ID:	VB230020.D
Sampled:	08/11/11 13:30	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 21:06
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230020.D
Acq On : 18 Aug 2011 9:06 pm
Operator : LBD/MFF
Sample : 11H0581-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

AUG 19 2011

CHECKED BY: MARK FLANIVE

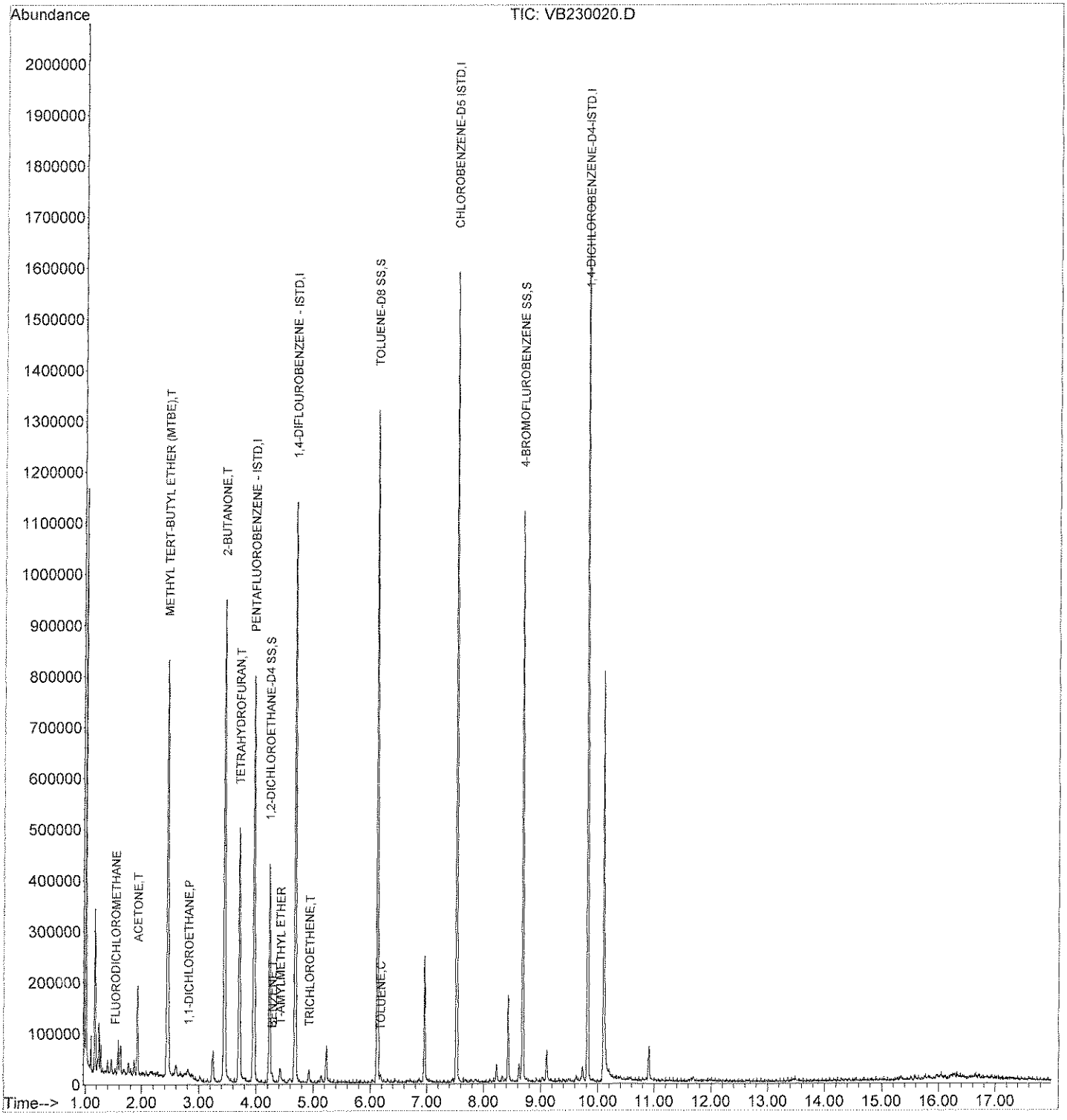
Quant Time: Aug 19 10:33:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

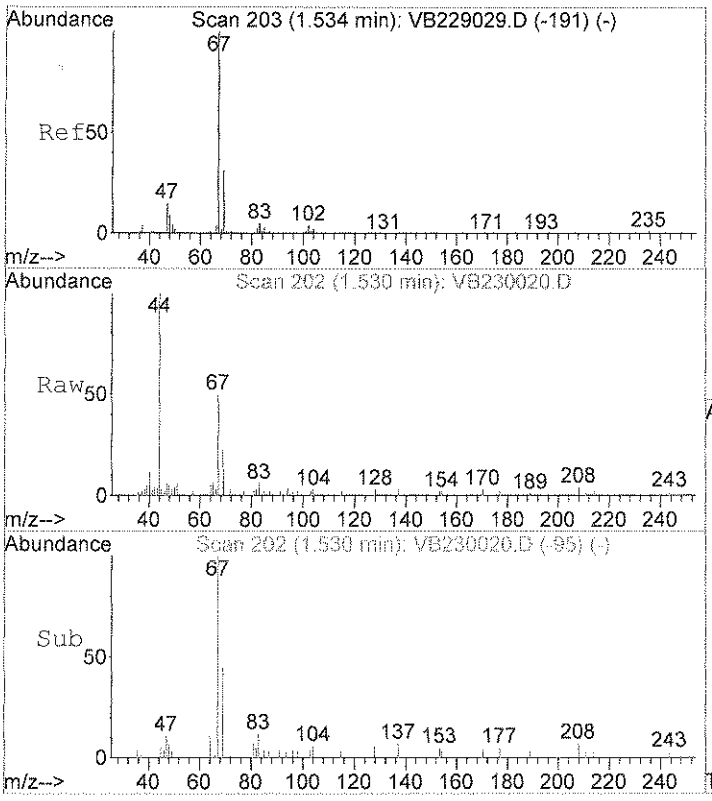
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	497259	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	750746	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	370667	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	385654	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	262514	23.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.28%			
42) TOLUENE-D8 SS	6.13	98	698819	24.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.44%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	293677	25.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.60%			
Target Compounds						Qvalue
9) FLUORODICHLOROMETHANE	1.53	67	5072	0.50	UG/L	89
13) ACETONE	1.93	43	154844	64.30	UG/L	99
16) IODOMETHANE	1.99	142	321	Below Cal		89
22) METHYL TERT-BUTYL ETHER (M	2.45	73	561549	36.15	UG/L	97
24) 1,1-DICHLOROETHANE	2.82	63	9301	0.90	UG/L #	93
27) 2-BUTANONE	3.45	43	1162842	249.68	UG/L	98
33) TETRAHYDROFURAN	3.71	42	309780	96.25	UG/L	98
39) BENZENE	4.28	78	10762	0.39	UG/L	96
40) T-AMYLMETHYL ETHER	4.42	73	11359	0.75	UG/L #	66
44) TRICHLOROETHENE	4.93	95	6182	0.96	UG/L	93
53) TOLUENE	6.19	91	6678	0.25	UG/L	90

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230020.D
Acq On : 18 Aug 2011 9:06 pm
Operator : LBD/MFF
Sample : 11H0581-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 19 10:33:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

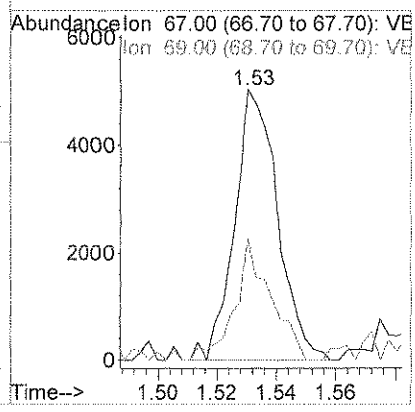


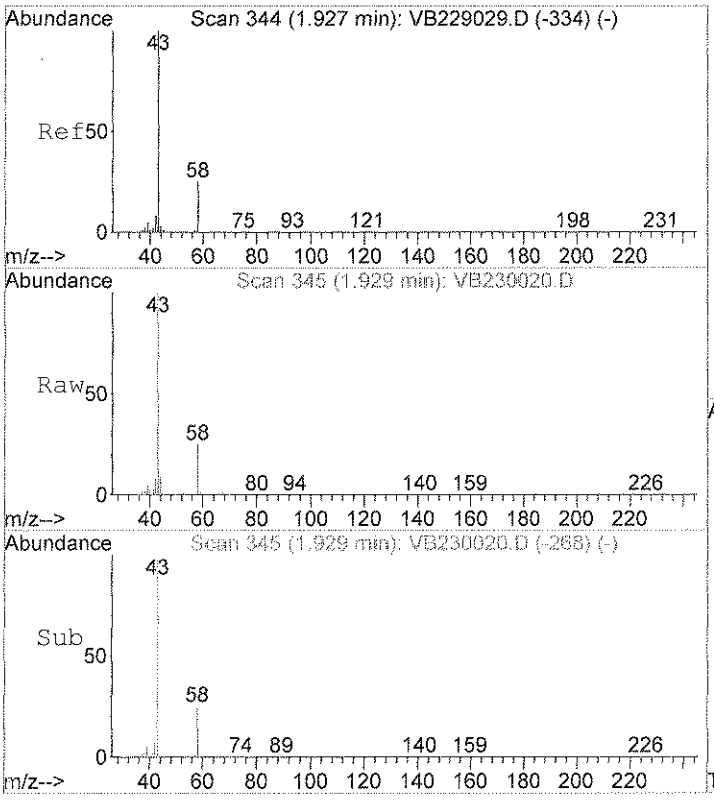


#9
FLUORODICHLOROMETHANE
Concen: 0.50 UG/L
RT: 1.53 min Scan# 202
Delta R.T. -0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion: 67 Resp: 5072

Ion	Ratio	Lower	Upper
67	100		
69	37.3	25.1	37.7

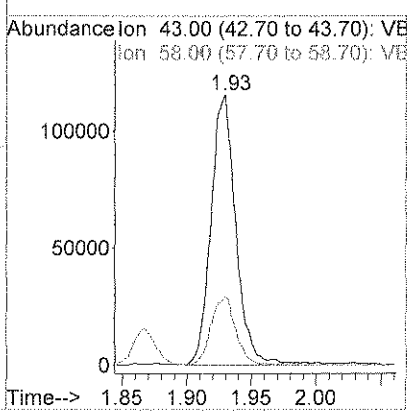


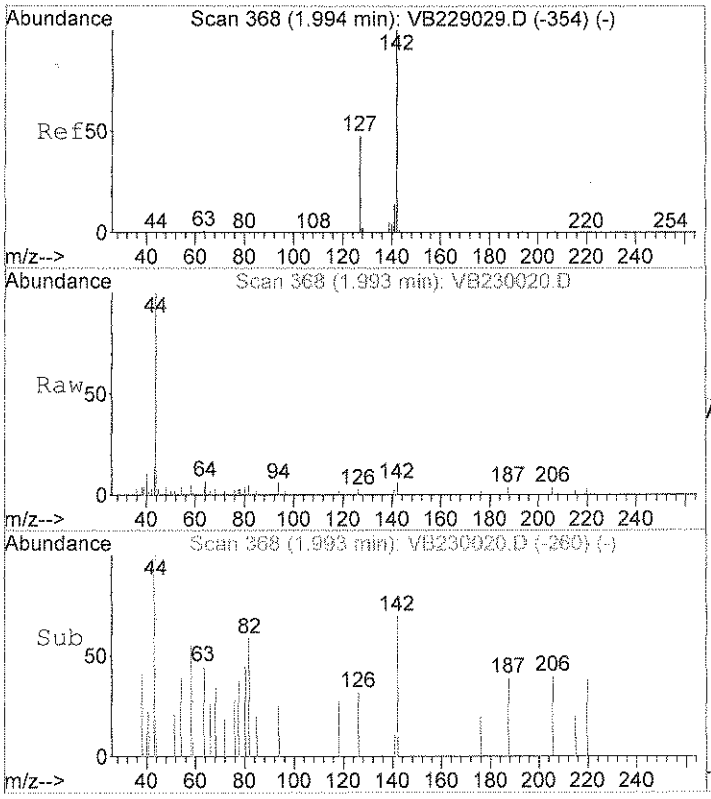


#13
ACETONE
Concen: 64.30 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion: 43 Resp: 154844

Ion	Ratio	Lower	Upper
43	100		
58	24.9	20.2	30.2

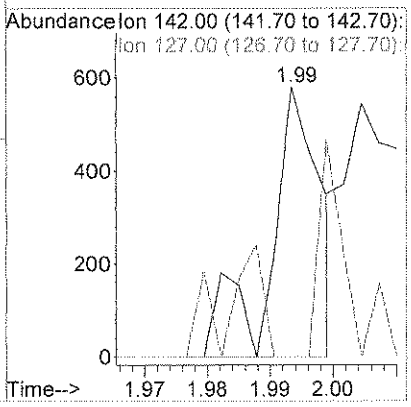


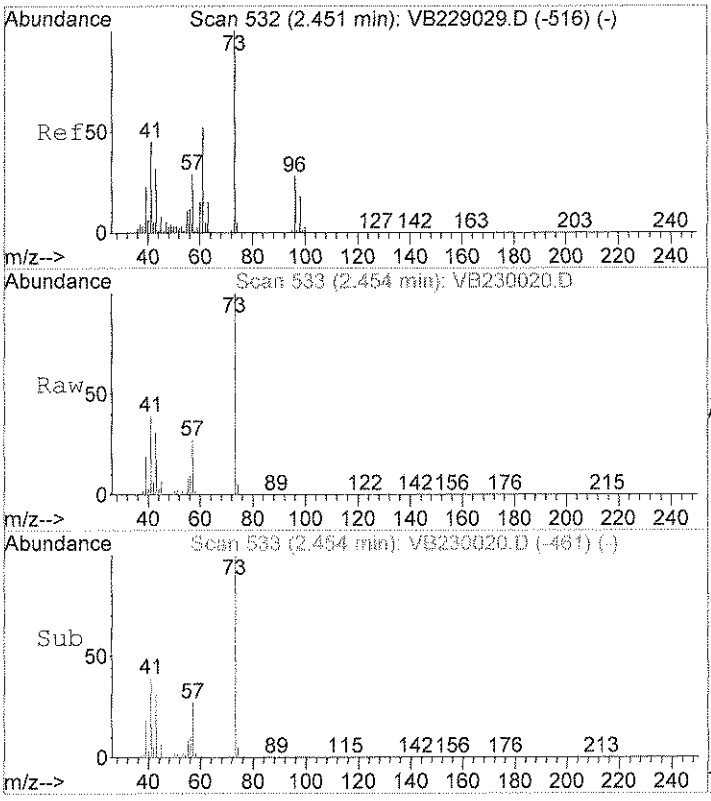


#16
IODOMETHANE
Concen: Below Cal
RT: 1.99 min Scan# 368
Delta R.T. 0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion:142 Resp: 321

Ion	Ratio	Lower	Upper
142	100		
127	36.1	34.5	51.7

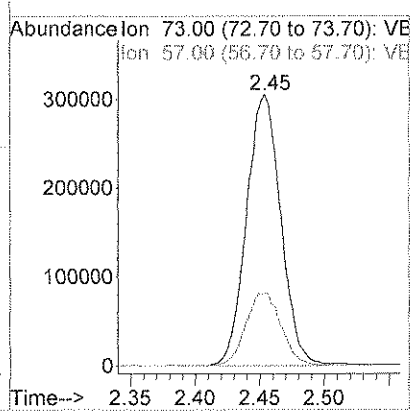


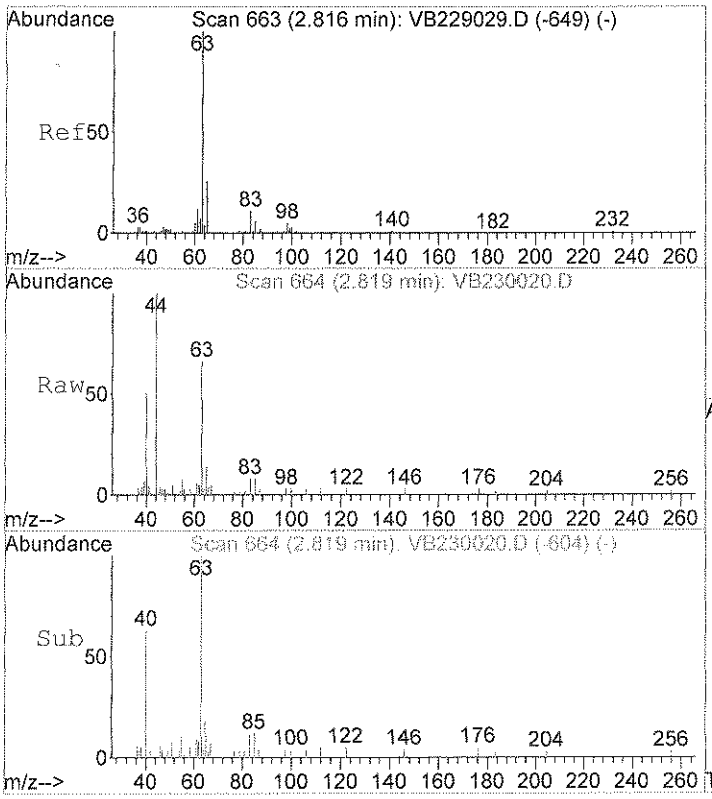


#22
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 36.15 UG/L
RT: 2.45 min Scan# 533
Delta R.T. -0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion: 73 Resp: 561549

Ion	Ratio	Lower	Upper
73	100		
57	27.7	21.1	31.7

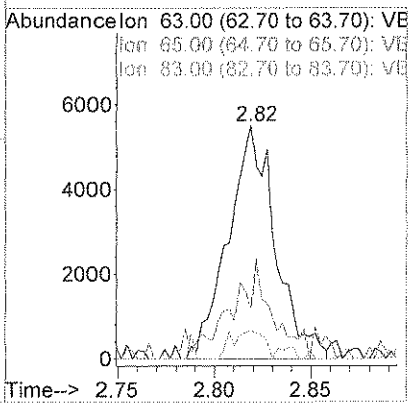


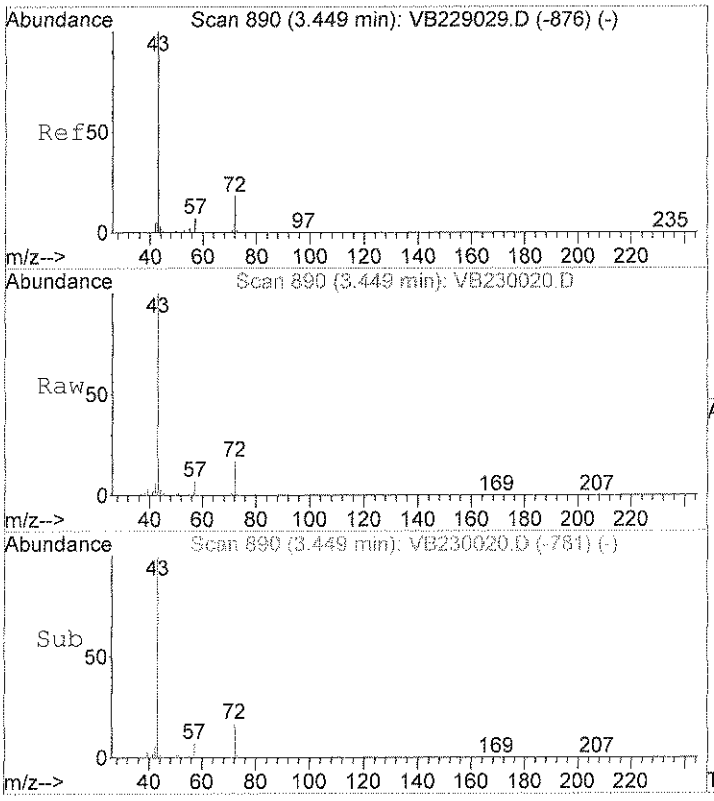


#24
1,1-DICHLOROETHANE
Concen: 0.90 UG/L
RT: 2.82 min Scan# 664
Delta R.T. -0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion: 63 Resp: 9301

Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.9	35.9
83	8.3	9.4	14.0#

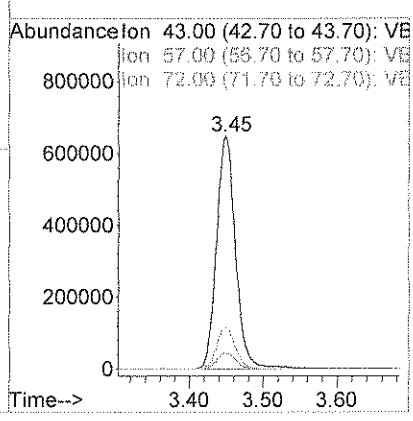


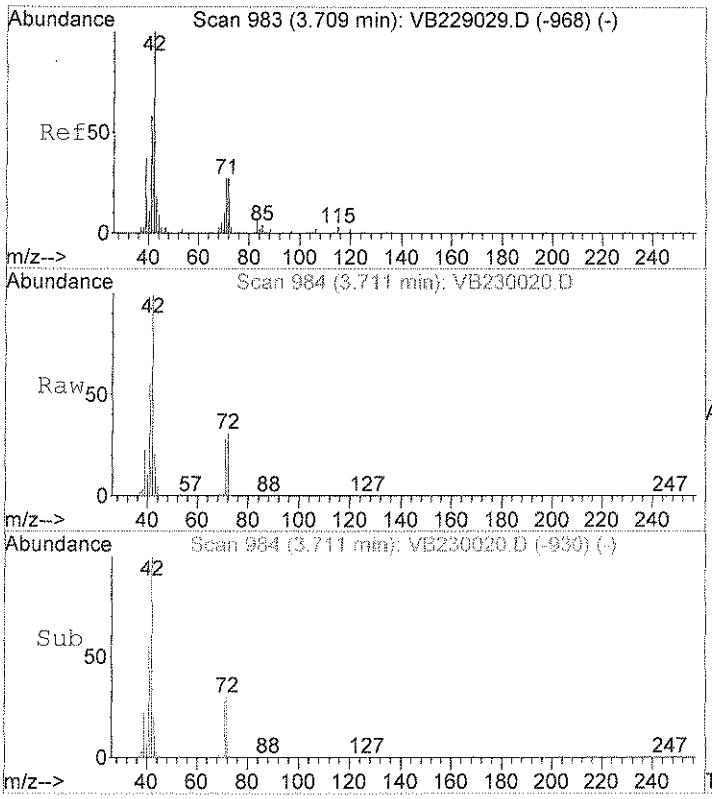


#27
2-BUTANONE
Concen: 249.68 UG/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion: 43 Resp: 1162842

Ion	Ratio	Lower	Upper
43	100		
57	6.9	5.7	8.5
72	17.6	14.8	22.2

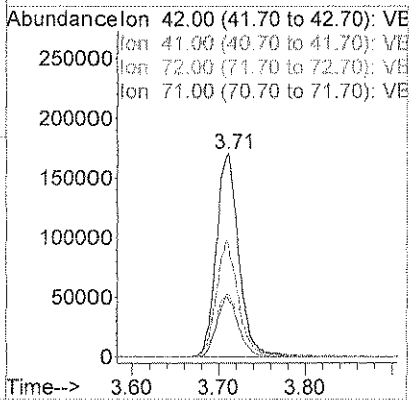


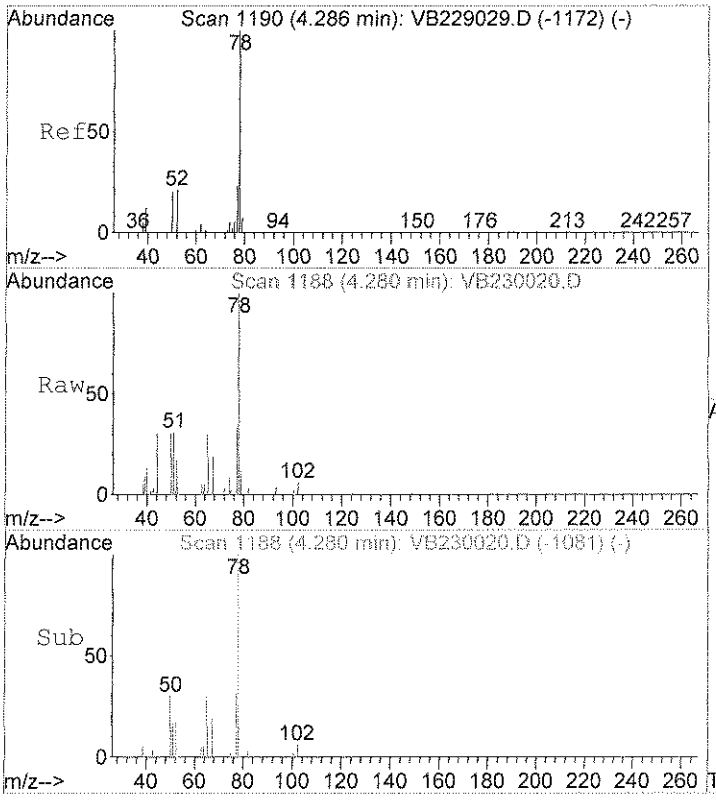


#33
TETRAHYDROFURAN
Concen: 96.25 UG/L
RT: 3.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion: 42 Resp: 309780

Ion	Ratio	Lower	Upper
42	100		
41	55.6	44.1	66.1
72	30.0	26.4	39.6
71	28.4	23.8	35.8

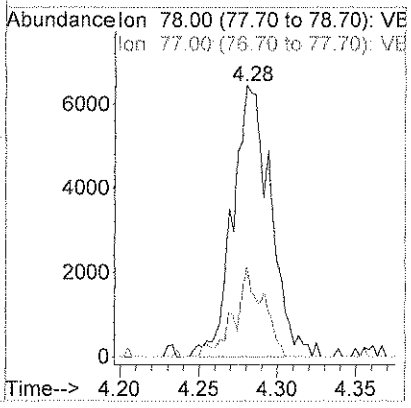


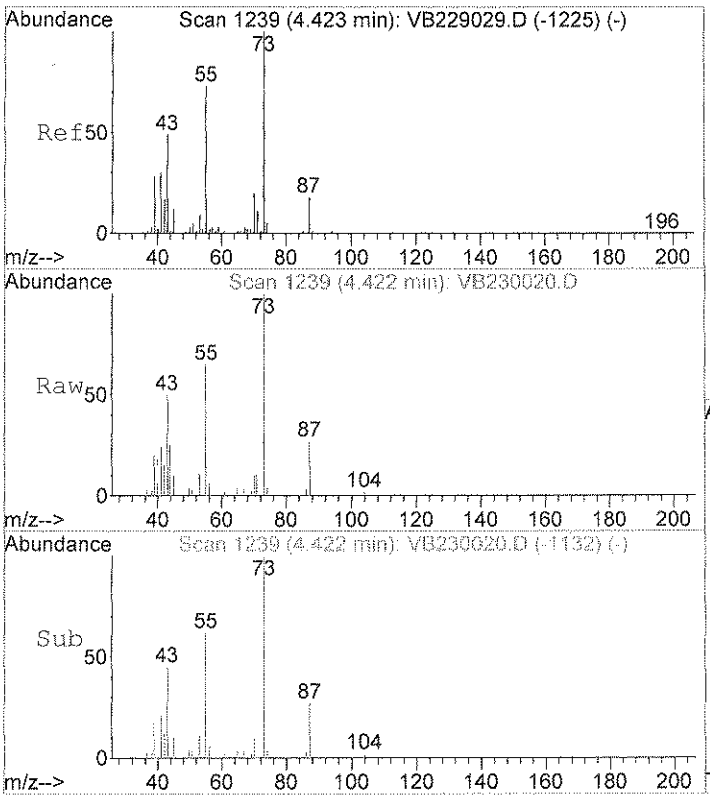


#39
BENZENE
Concen: 0.39 UG/L
RT: 4.28 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion: 78 Resp: 10762

Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.5	27.7

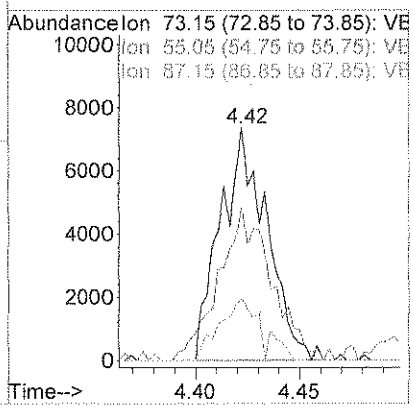


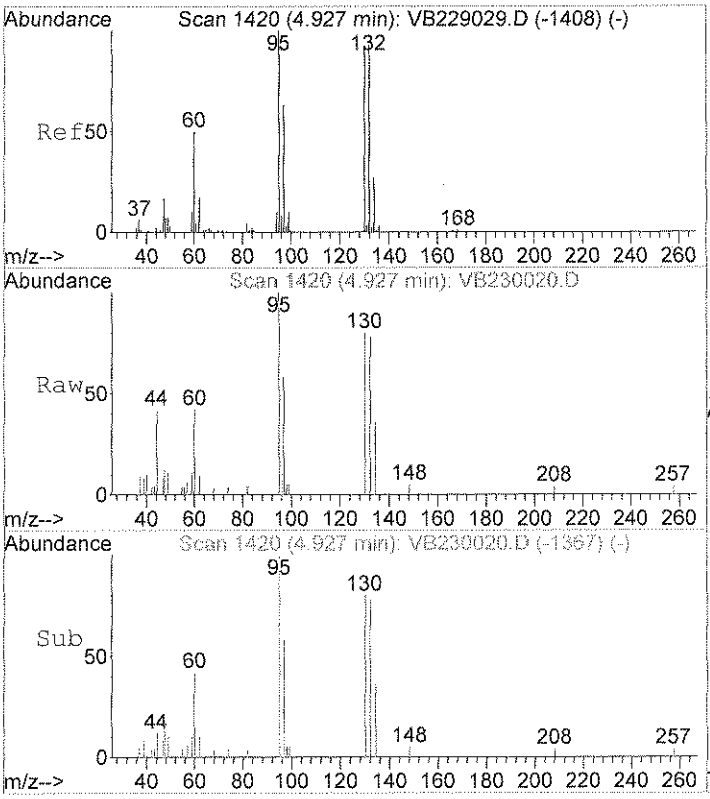


#40
T-AMYLMETHYL ETHER
Concen: 0.75 UG/L
RT: 4.42 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion: 73 Resp: 11359

Ion	Ratio	Lower	Upper
73	100		
55	74.9	34.7	52.1#
87	20.5	18.6	28.0

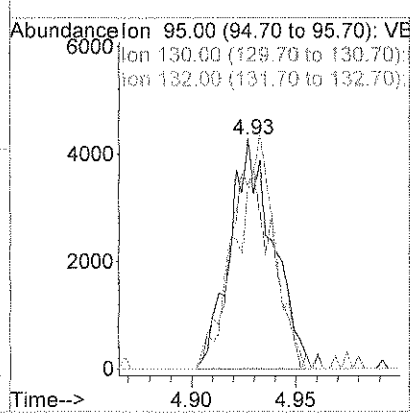


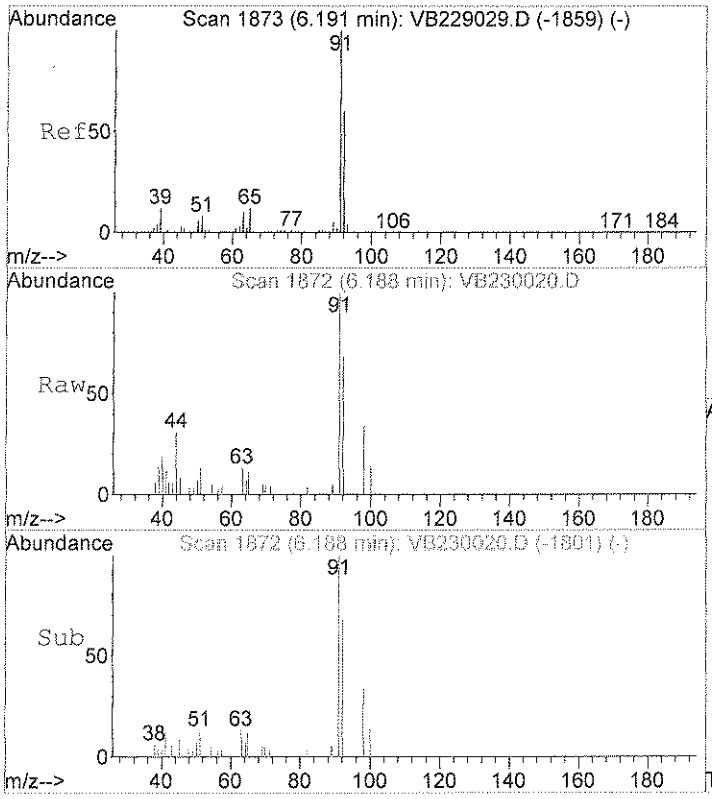


#44
TRICHLOROETHENE
Concen: 0.96 UG/L
RT: 4.93 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

Tgt Ion: 95 Resp: 6182

Ion	Ratio	Lower	Upper
95	100		
130	87.8	77.0	115.6
132	91.9	78.0	117.0

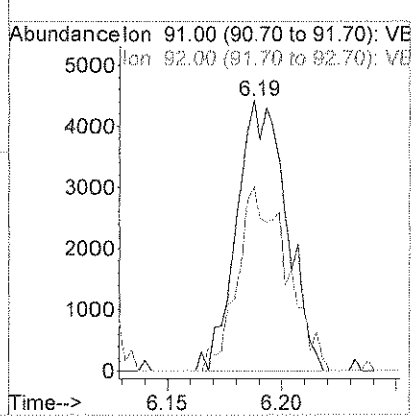




#53
TOLUENE
Concen: 0.25 UG/L
RT: 6.19 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VB230020.D
Acq: 18 Aug 2011 9:06 pm

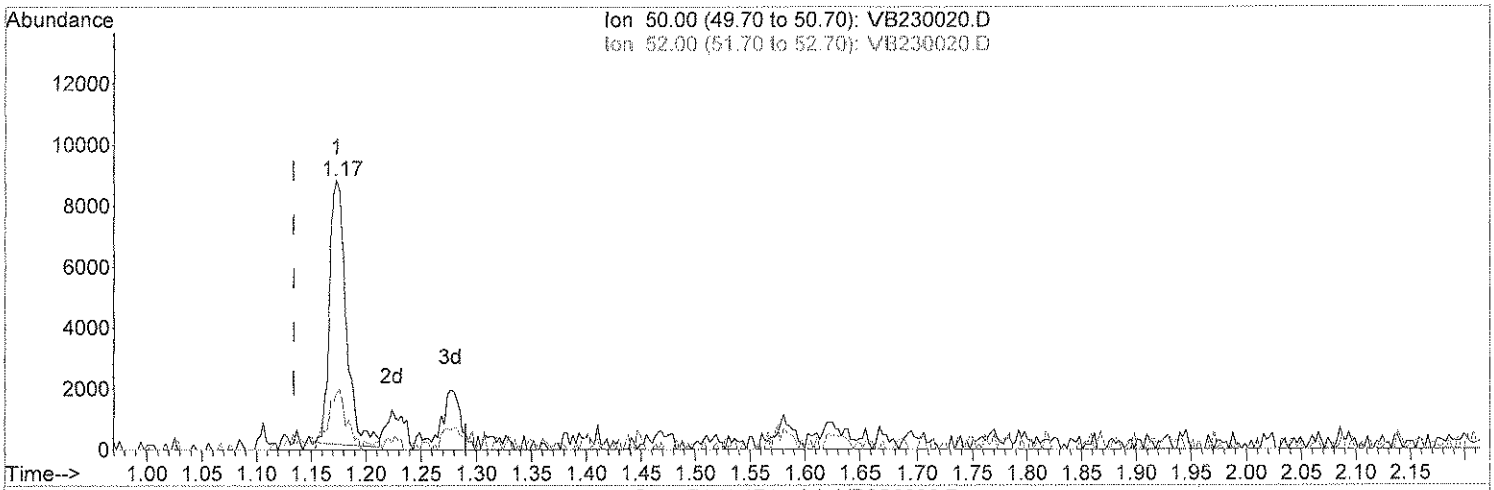
Tgt Ion: 91 Resp: 6678

Ion	Ratio	Lower	Upper
91	100		
92	67.1	47.8	71.6



Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230020.D
Acq On : 18 Aug 2011 9:06 pm
Operator : LBD/MFF
Sample : 11H0581-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 19 08:13:35 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230020.D

(5) CHLOROMETHANE (P)

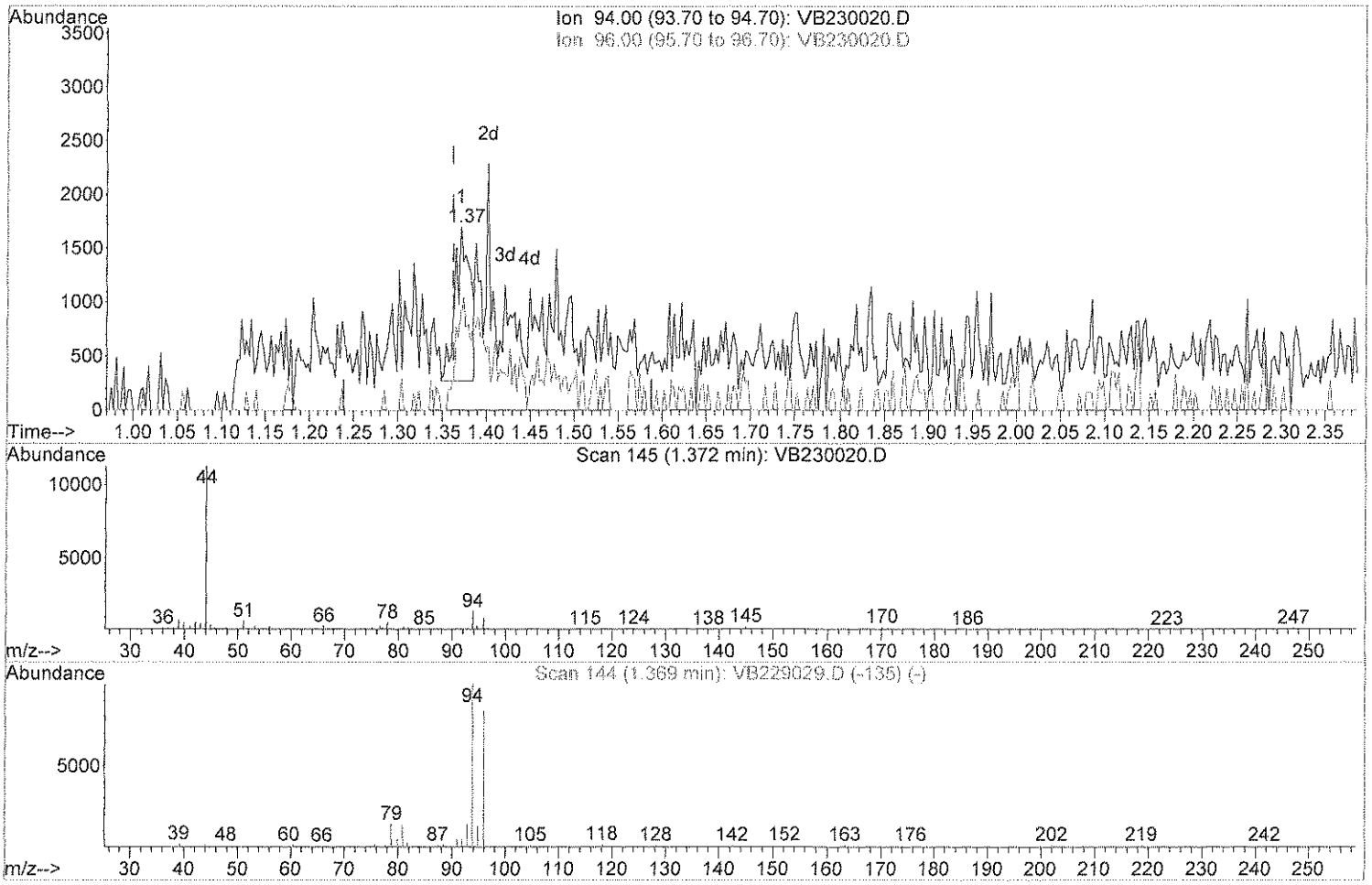
1.174min (+0.039) 0.96UG/L

response 9249

Ion	Exp%	Act%
50.00	100	100
52.00	30.70	25.29
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230020.D
Acq On : 18 Aug 2011 9:06 pm
Operator : LBD/MFF
Sample : 11H0581-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 19 08:13:35 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230020.D

(7) BROMOMETHANE (T)

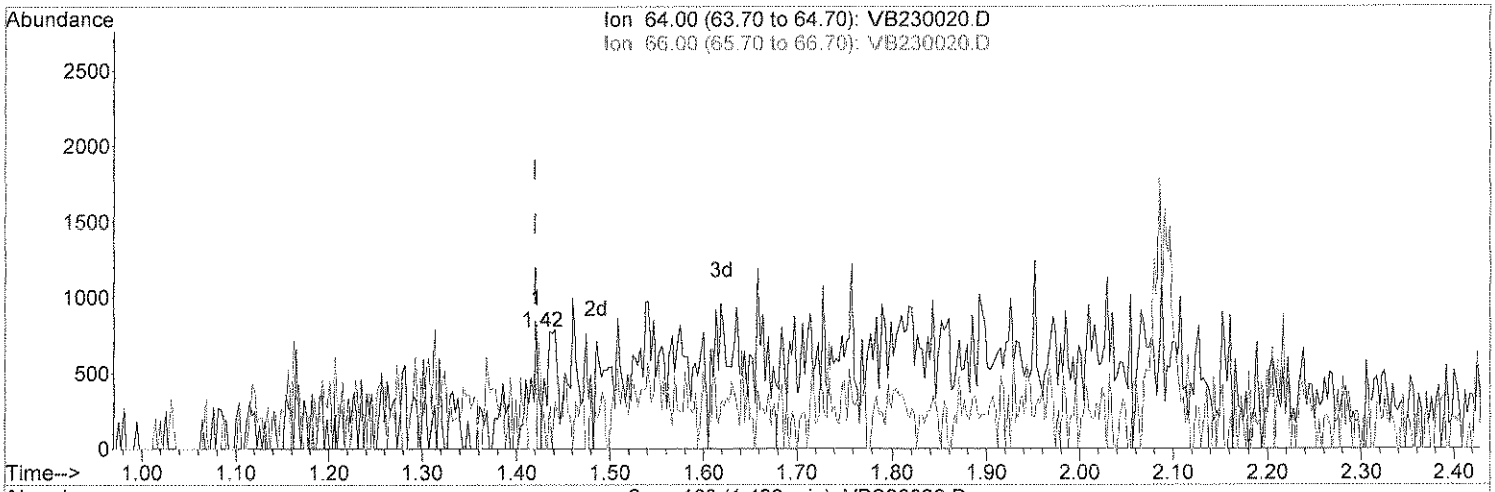
1.372min (+0.009) 0.45UG/L

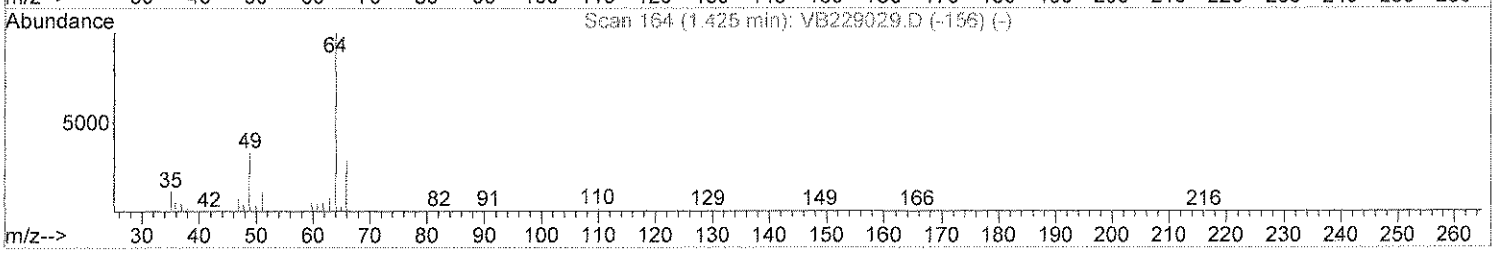
response 1657

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	114.79#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230020.D
Acq On : 18 Aug 2011 9:06 pm
Operator : LBD/MFF
Sample : 11H0581-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 19 08:13:35 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration





TIC: VB230020.D

(8) CHLOROETHANE (T)

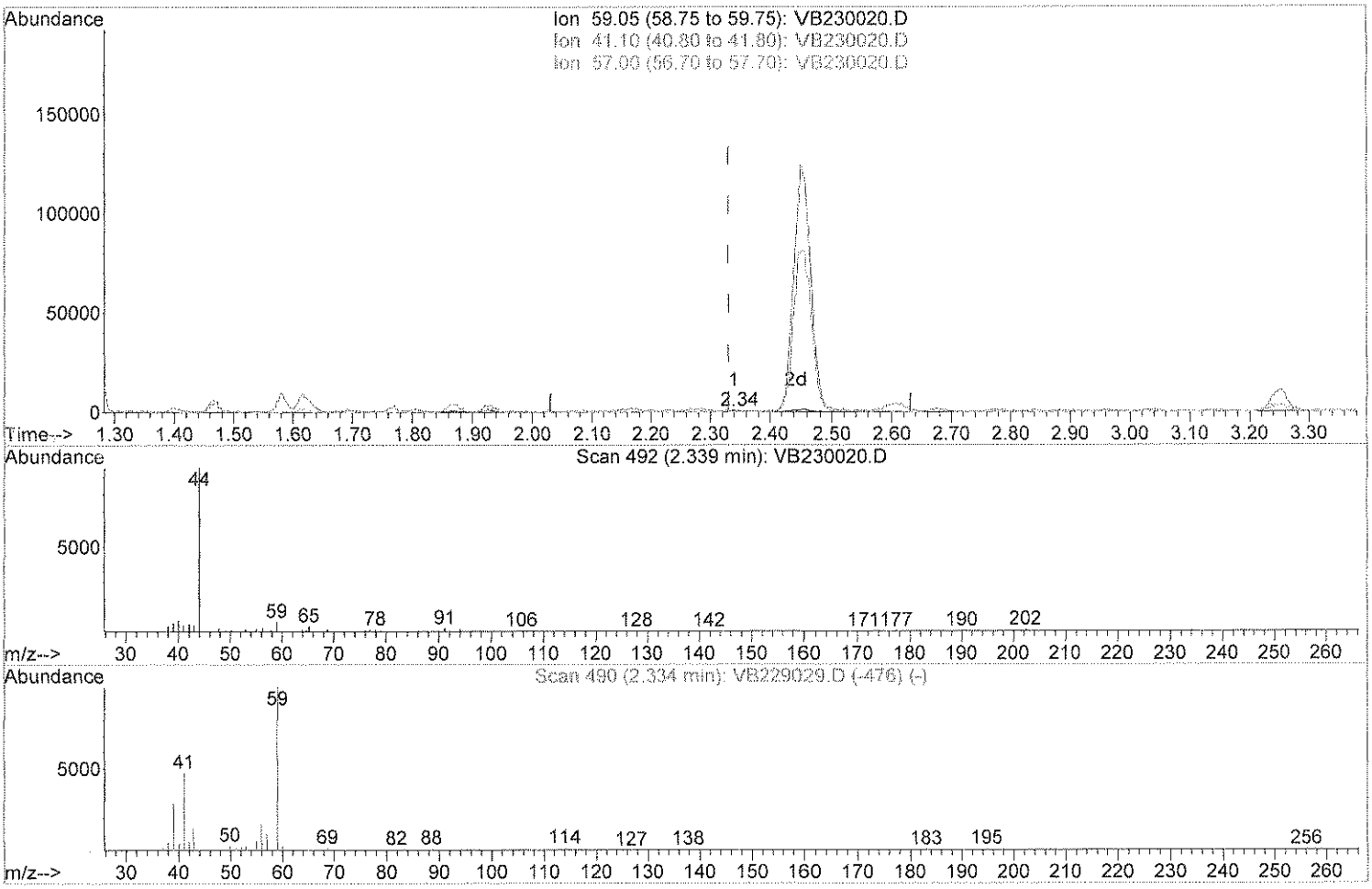
1.422min (+0.001) 0.14UG/L

response 540

Ion	Exp%	Act%
64.00	100	100
66.00	30.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230020.D
Acq On : 18 Aug 2011 9:06 pm
Operator : LBD/MFF
Sample : 11H0581-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 19 08:13:35 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230020.D

(18) T-BUTYL ALCOHOL

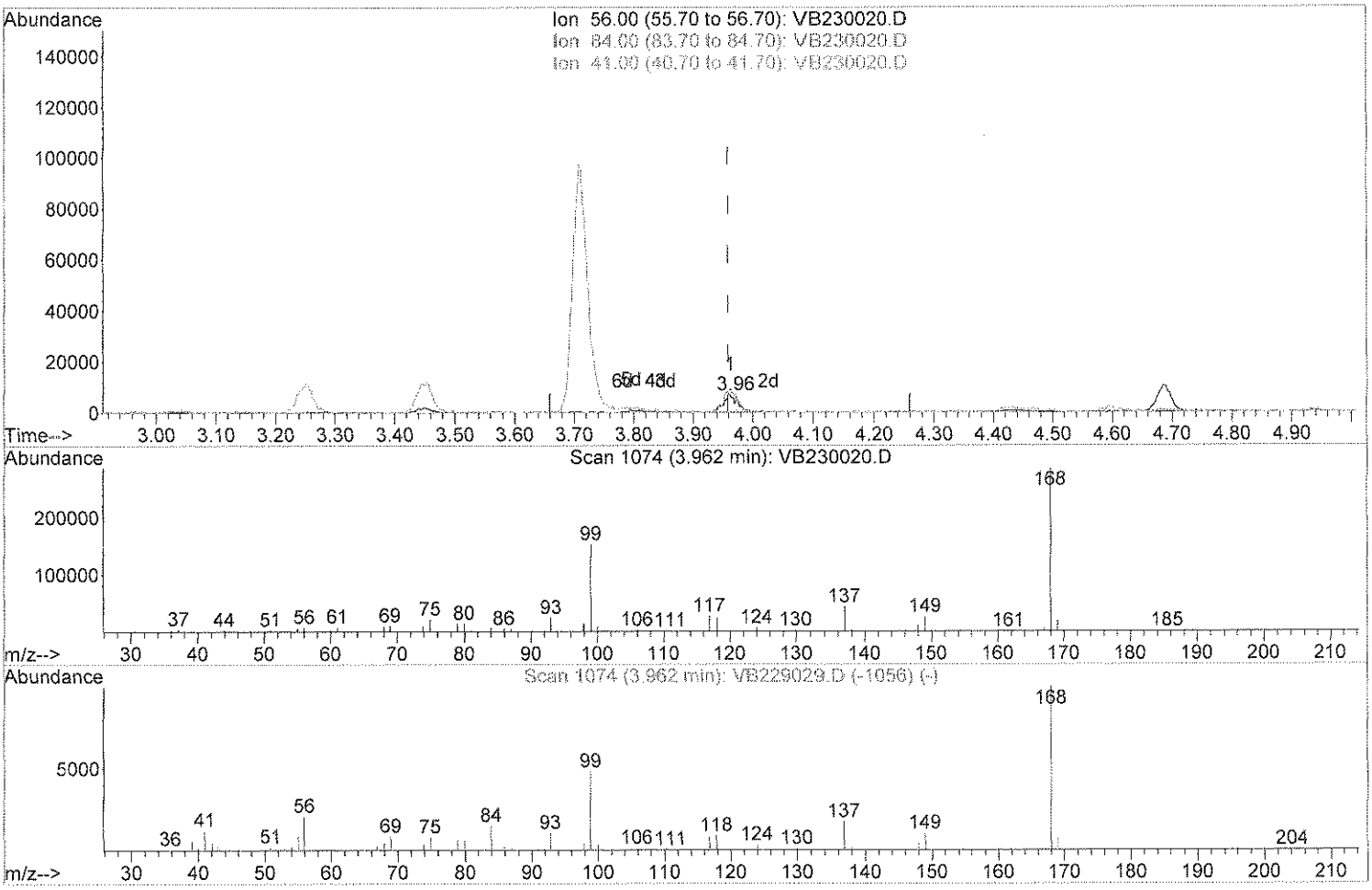
2.339min (+0.008) 1.17UG/L

response 631

Ion	Exp%	Act%
59.05	100	100
41.10	34.90	87.80#
57.00	11.00	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230020.D
Acq On : 18 Aug 2011 9:06 pm
Operator : LBD/MFF
Sample : 11H0581-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 19 08:13:35 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230020.D

(36) CYCLOHEXANE

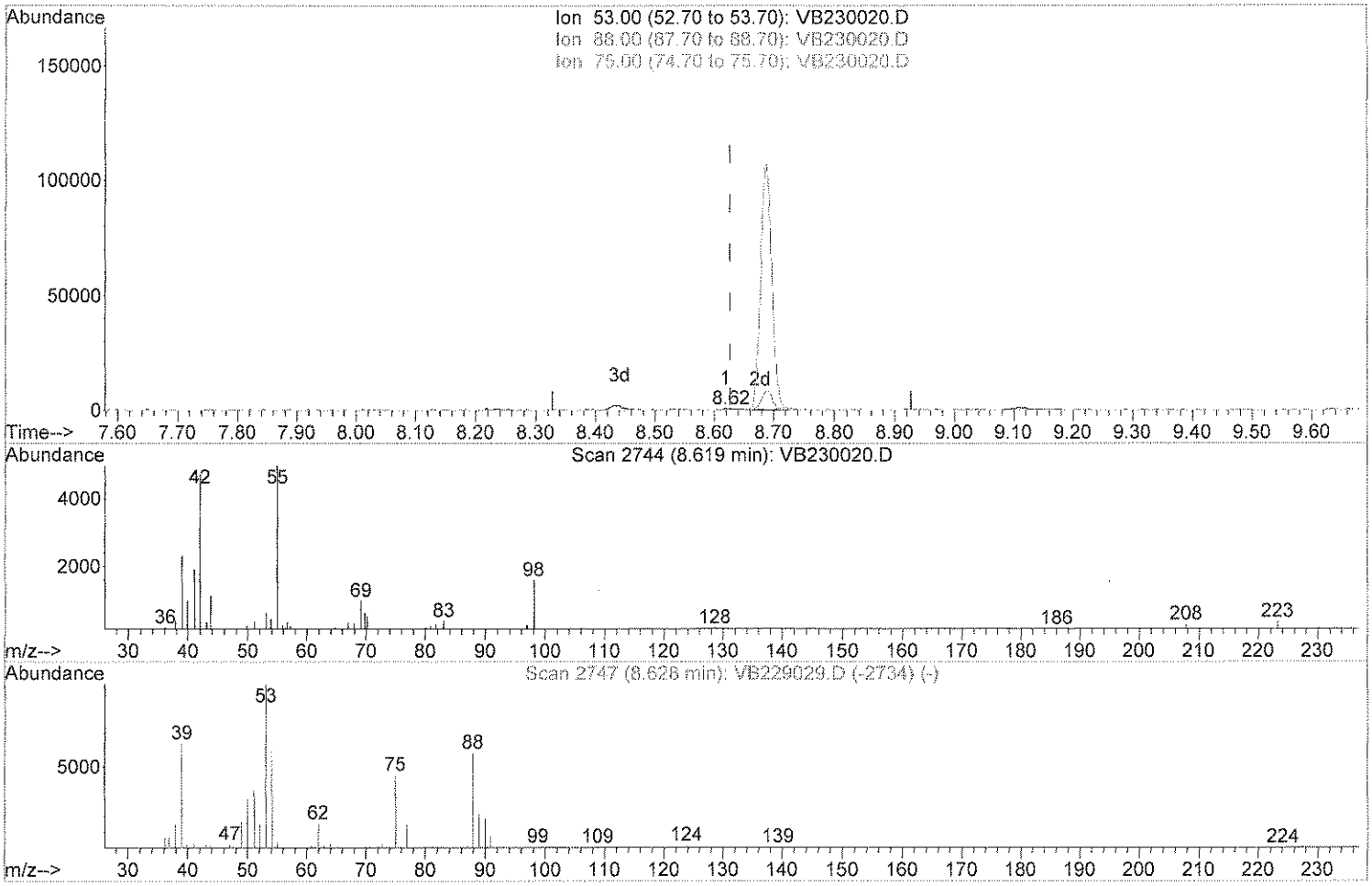
3.962min (+0.003) 0.89UG/L

response 10995

Ion	Exp%	Act%
56.00	100	100
84.00	67.60	121.60#
41.00	59.90	1.62#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230020.D
Acq On : 18 Aug 2011 9:06 pm
Operator : LBD/MFF
Sample : 11H0581-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 19 08:13:35 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230020.D

(72) CIS-1,4-DICHLORO-2-BUTENE

8.619min (-0.009) 0.20UG/L

response 617

Ion	Exp%	Act%
53.00	100	100
88.00	83.90	0.00#
75.00	75.00	0.00#
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-05	File ID:	VB230022.D
Sampled:	08/11/11 15:30	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 22:11
Solids:		Preparation:	SW-846 5030B	Dilution:	50
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		27	2500	
107-13-1	Acrylonitrile		26	250	
994-05-8	tert-Amyl Methyl Ether (TAME)		5.5	25	
71-43-2	Benzene		2.5	50	
108-86-1	Bromobenzene		5.0	50	
74-97-5	Bromochloromethane		5.0	50	
75-27-4	Bromodichloromethane		4.0	25	
75-25-2	Bromoform		12	50	
74-83-9	Bromomethane		19	100	
78-93-3	2-Butanone (MEK)		20	1000	
75-65-0	tert-Butyl Alcohol (TBA)		180	1000	
104-51-8	n-Butylbenzene		2.5	50	
135-98-8	sec-Butylbenzene		2.5	50	
98-06-6	tert-Butylbenzene		2.5	50	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		3.5	25	
75-15-0	Carbon Disulfide		2.5	100	
56-23-5	Carbon Tetrachloride		4.5	250	
108-90-7	Chlorobenzene		2.5	50	
124-48-1	Chlorodibromomethane		6.0	50	
75-00-3	Chloroethane		16	100	
67-66-3	Chloroform		2.0	100	
74-87-3	Chloromethane		6.5	100	
95-49-8	2-Chlorotoluene		2.5	50	
106-43-4	4-Chlorotoluene		2.5	50	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		24	250	

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1 - FORM I
ANALYSIS DATA SHEET

PW15-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-05	File ID:	VB230022.D
Sampled:	08/11/11 15:30	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 22:11
Solids:		Preparation:	SW-846 5030B	Dilution:	50
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		7.0	25	
74-95-3	Dibromomethane		4.0	50	
95-50-1	1,2-Dichlorobenzene		3.0	50	
541-73-1	1,3-Dichlorobenzene		3.0	50	
106-46-7	1,4-Dichlorobenzene		5.5	50	
110-57-6	trans-1,4-Dichloro-2-butene		38	100	
75-71-8	Dichlorodifluoromethane (Freon 12)		2.0	100	
75-34-3	1,1-Dichloroethane		4.5	50	
107-06-2	1,2-Dichloroethane		4.5	50	
75-35-4	1,1-Dichloroethylene		5.0	50	
156-59-2	cis-1,2-Dichloroethylene		2.5	50	
156-60-5	trans-1,2-Dichloroethylene		3.5	50	
78-87-5	1,2-Dichloropropane		10	50	
142-28-9	1,3-Dichloropropane		4.0	25	
594-20-7	2,2-Dichloropropane		6.5	50	
563-58-6	1,1-Dichloropropene		5.0	100	
10061-01-5	cis-1,3-Dichloropropene		3.5	25	
10061-02-6	trans-1,3-Dichloropropene		6.0	25	
60-29-7	Diethyl Ether		5.0	100	
108-20-3	Diisopropyl Ether (DIPE)		1.5	25	
123-91-1	1,4-Dioxane		180	2500	
100-41-4	Ethylbenzene		2.5	50	
87-68-3	Hexachlorobutadiene		13	50	
591-78-6	2-Hexanone (MBK)		33	500	
98-82-8	Isopropylbenzene (Cumene)		3.0	50	

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1 - FORM I
ANALYSIS DATA SHEET

PW15-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-05	File ID:	VB230022.D
Sampled:	08/11/11 15:30	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 22:11
Solids:		Preparation:	SW-846 5030B	Dilution:	50
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		3.0	50	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		2.5	50	
75-09-2	Methylene Chloride		110	250	
108-10-1	4-Methyl-2-pentanone (MIBK)		11	500	
91-20-3	Naphthalene		10	100	V-05
103-65-1	n-Propylbenzene		2.0	50	
100-42-5	Styrene		3.0	50	
630-20-6	1,1,1,2-Tetrachloroethane		4.0	50	
79-34-5	1,1,2,2-Tetrachloroethane		9.0	25	
127-18-4	Tetrachloroethylene		7.0	50	
108-88-3	Toluene		2.0	50	
87-61-6	1,2,3-Trichlorobenzene		11	250	V-05
120-82-1	1,2,4-Trichlorobenzene		5.5	50	
108-70-3	1,3,5-Trichlorobenzene		20	50	
71-55-6	1,1,1-Trichloroethane		2.5	50	
79-00-5	1,1,2-Trichloroethane		4.0	50	
79-01-6	Trichloroethylene		6.0	50	
75-69-4	Trichlorofluoromethane (Freon 11)		3.5	100	
96-18-4	1,2,3-Trichloropropane		10	100	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		5.5	50	
95-63-6	1,2,4-Trimethylbenzene		3.0	50	
108-67-8	1,3,5-Trimethylbenzene		3.0	50	
75-01-4	Vinyl Chloride		8.0	100	
108383/106423	m+p Xylene		3.5	100	
95-47-6	o-Xylene		2.5	50	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230022.D
Acq On : 18 Aug 2011 10:11 pm
Operator : LBD/MFF
Sample : 11H0581-05 @ 50X
Misc : 50
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 19 10:36:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

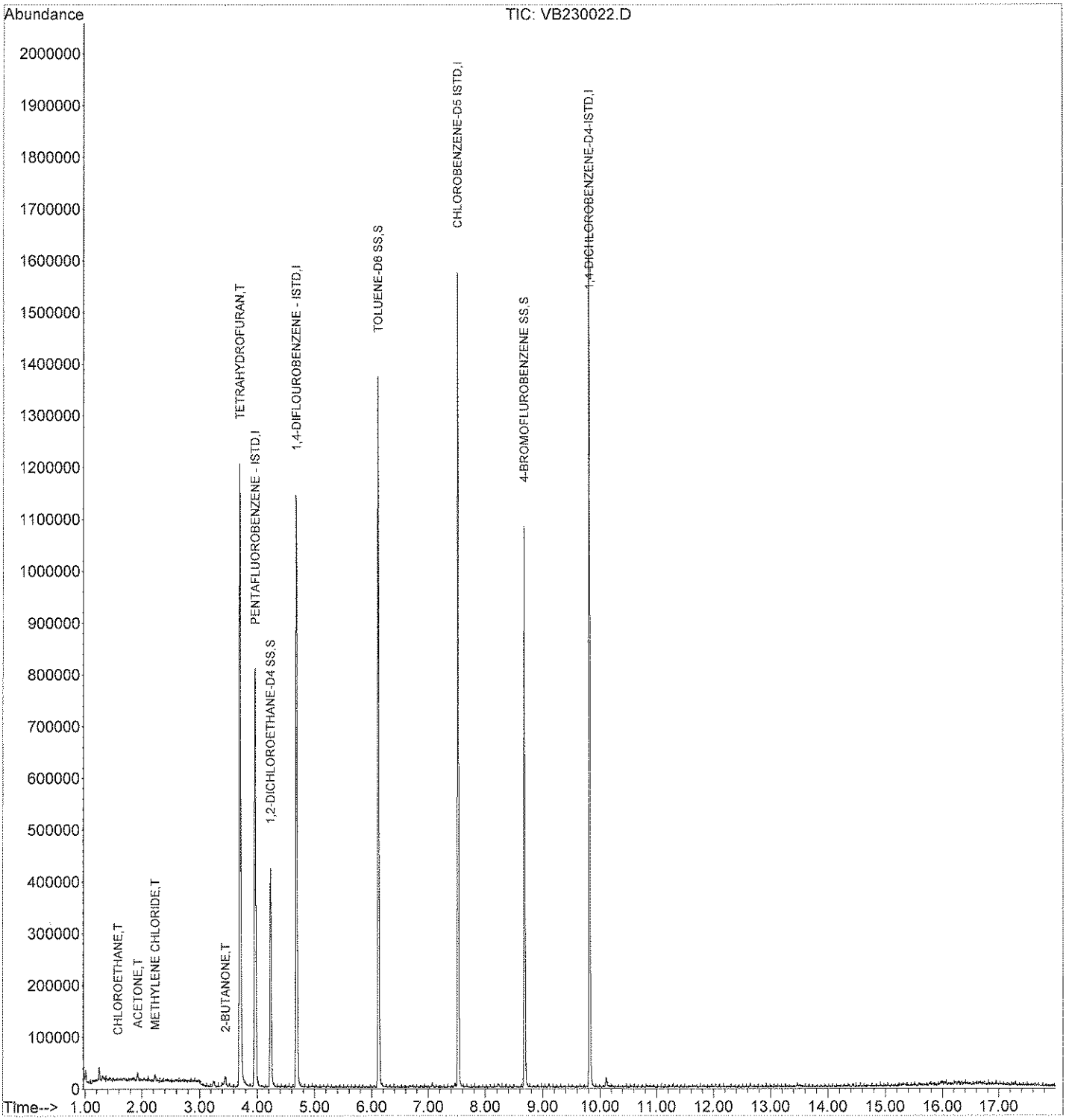
CHECKED BY: MARK FLAHIVE AUG 19 2011

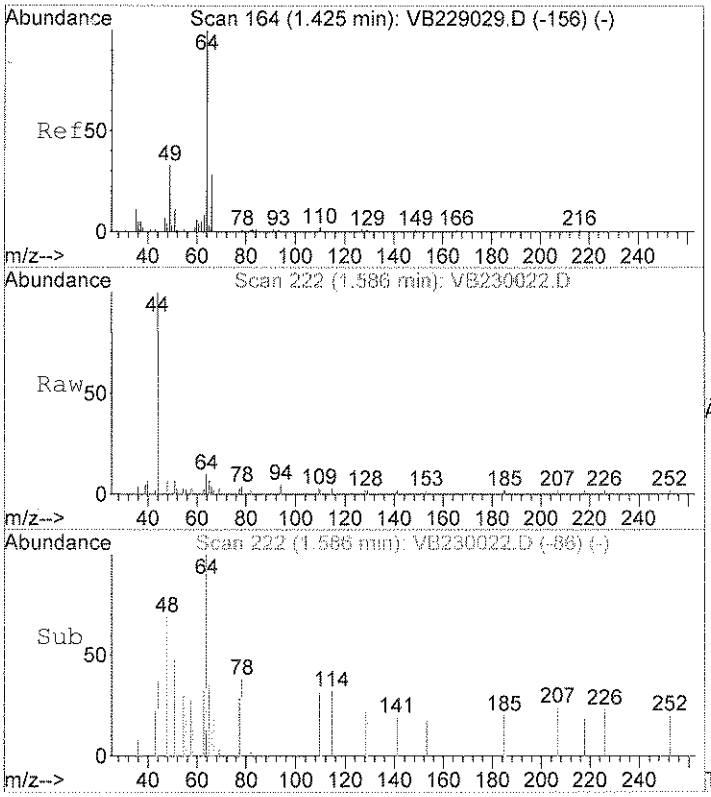
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	497484	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.68	114	747879	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	366527	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	367277	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	261648	23.48	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.92%			
42) TOLUENE-D8 SS	6.13	98	689916	23.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	277810	24.78	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%			
Target Compounds						Qvalue
8) CHLOROETHANE	1.59	64	566	0.15	UG/L #	44
13) ACETONE	1.93	43	13540	5.62	UG/L	98
16) IODOMETHANE	2.01	142	295	Below Cal		93
20) METHYLENE CHLORIDE	2.23	49	5679	0.55	UG/L	98
27) 2-BUTANONE	3.45	43	24392	5.24	UG/L #	96
33) TETRAHYDROFURAN	3.71	42	749499	232.77	UG/L	98

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230022.D
Acq On : 18 Aug 2011 10:11 pm
Operator : LBD/MFF
Sample : 11H0581-05 @ 50X
Misc : 50
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 19 10:36:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

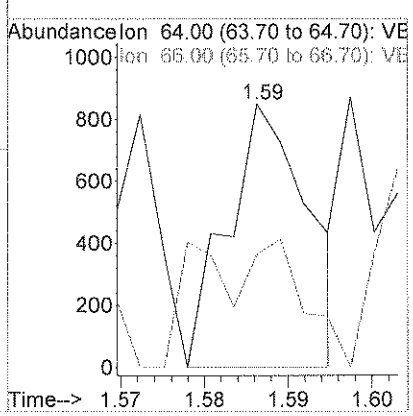


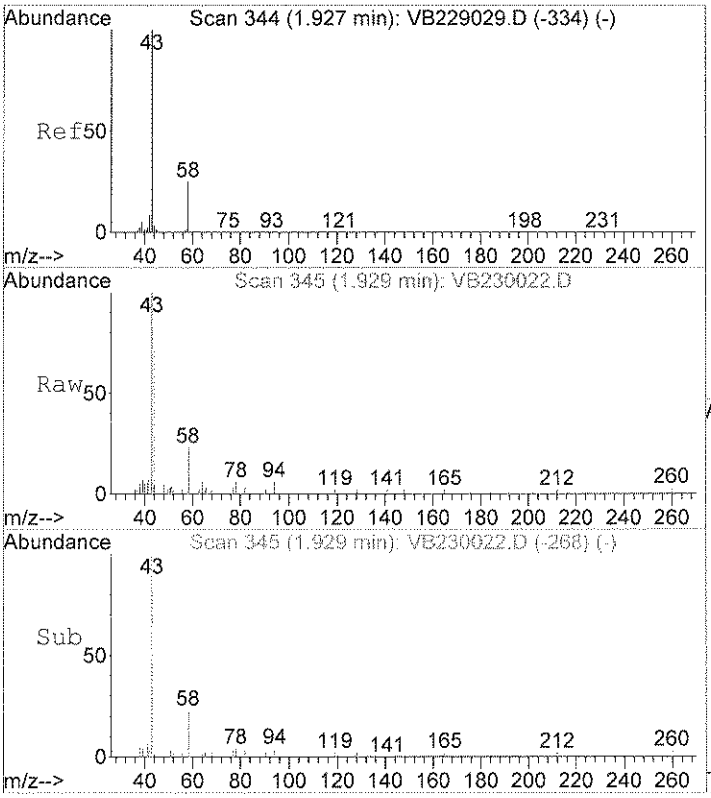


#8
CHLOROETHANE
Concen: 0.15 UG/L
RT: 1.59 min Scan# 222
Delta R.T. 0.17 min
Lab File: VB230022.D
Acq: 18 Aug 2011 10:11 pm

Tgt Ion: 64 Resp: 566

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.3	36.5#

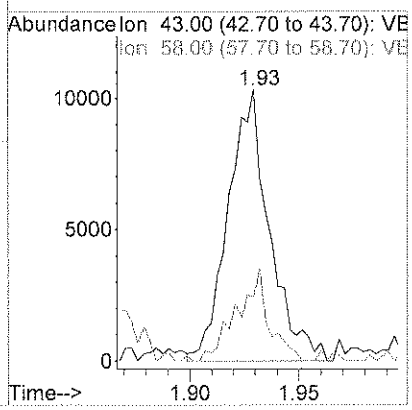


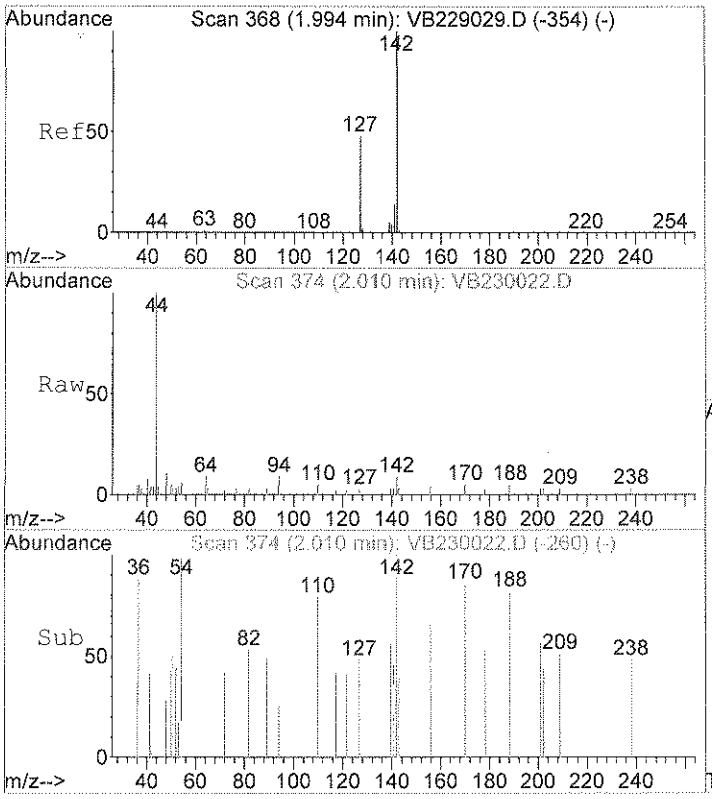


#13
ACETONE
Concen: 5.62 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB230022.D
Acq: 18 Aug 2011 10:11 pm

Tgt Ion: 43 Resp: 13540

Ion	Ratio	Lower	Upper
43	100		
58	26.0	20.2	30.2

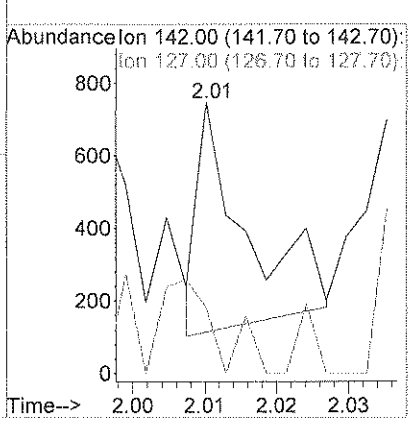


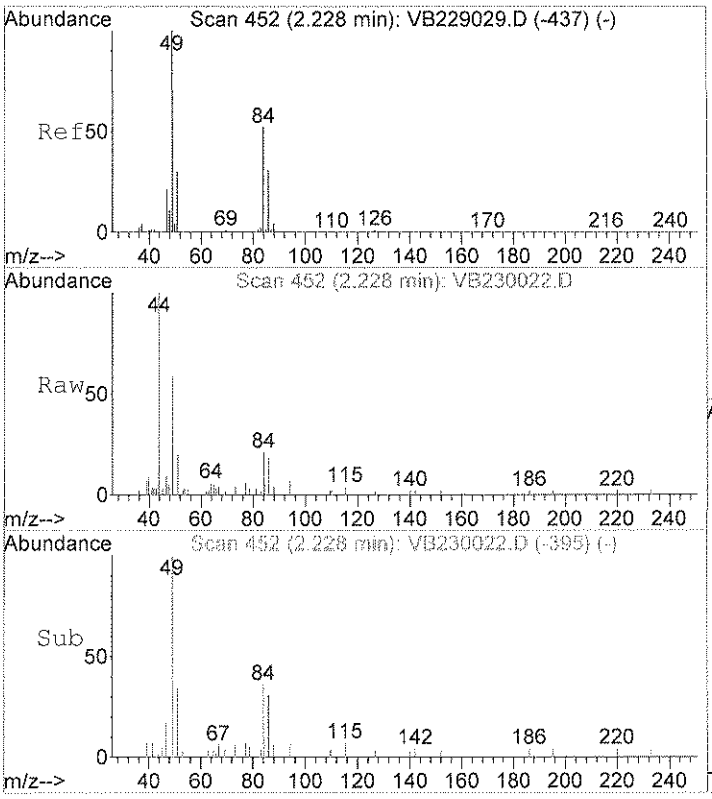


#16
IODOMETHANE
Concen: Below Cal
RT: 2.01 min Scan# 374
Delta R.T. 0.02 min
Lab File: VB230022.D
Acq: 18 Aug 2011 10:11 pm

Tgt Ion:142 Resp: 295

Ion	Ratio	Lower	Upper
142	100		
127	47.5	34.5	51.7

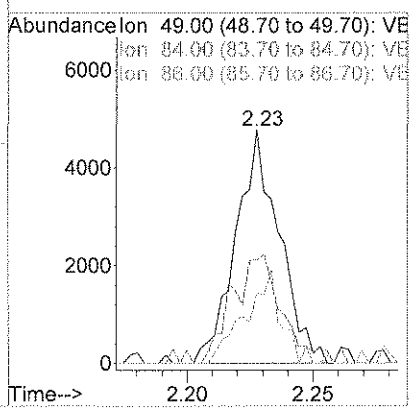


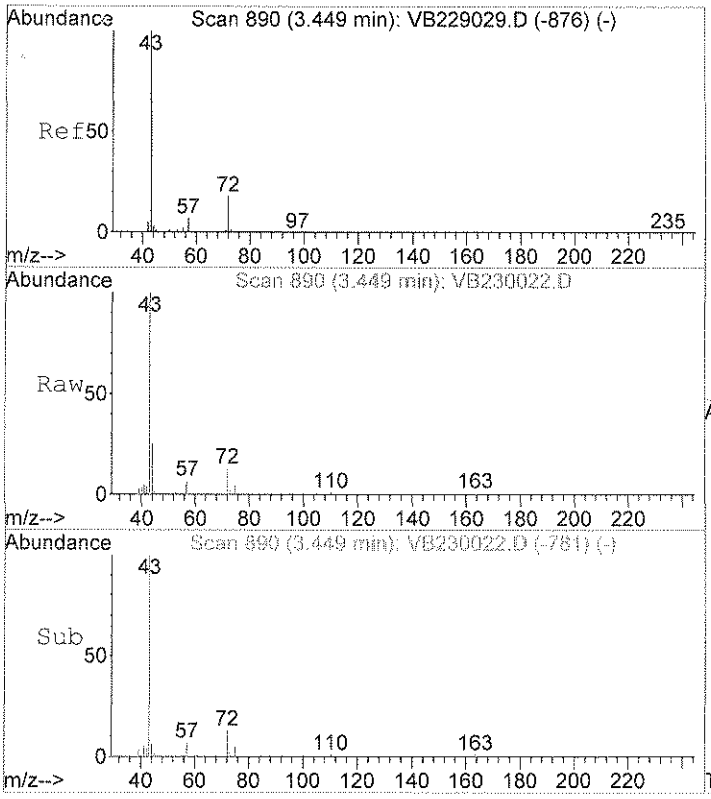


#20
METHYLENE CHLORIDE
Concen: 0.55 UG/L
RT: 2.23 min Scan# 452
Delta R.T. 0.00 min
Lab File: VB230022.D
Acq: 18 Aug 2011 10:11 pm

Tgt Ion: 49 Resp: 5679

Ion	Ratio	Lower	Upper
49	100		
84	53.4	41.1	61.7
86	33.0	26.5	39.7

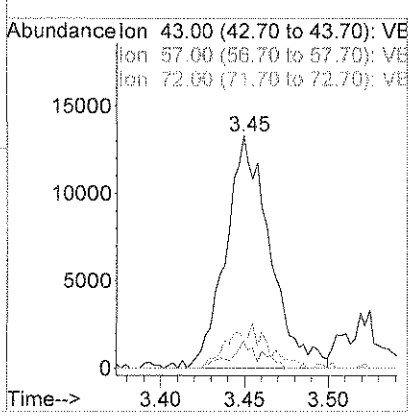


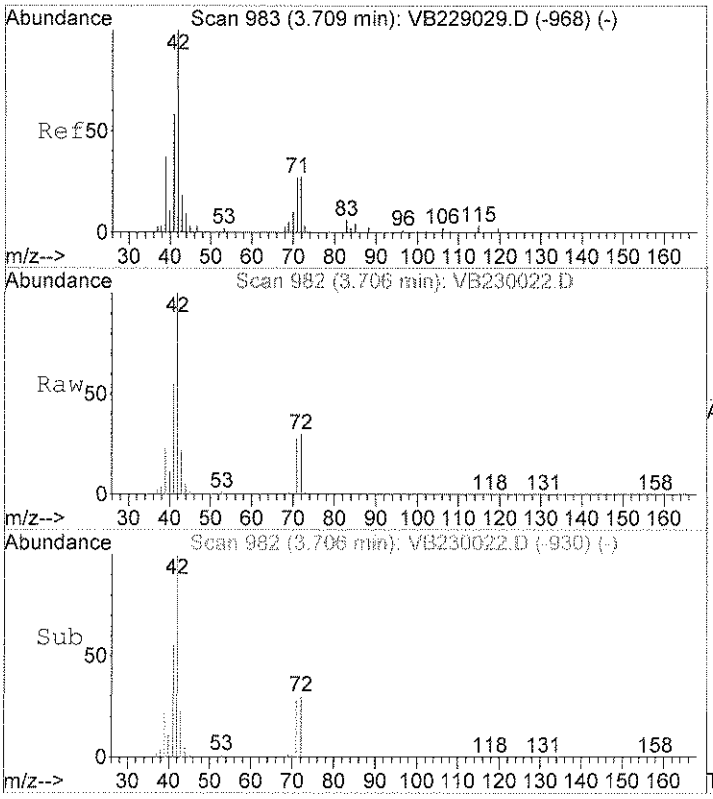


#27
2-BUTANONE
Concen: 5.24 UG/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VB230022.D
Acq: 18 Aug 2011 10:11 pm

Tgt Ion: 43 Resp: 24392

Ion	Ratio	Lower	Upper
43	100		
57	5.7	5.7	8.5#
72	16.9	14.8	22.2

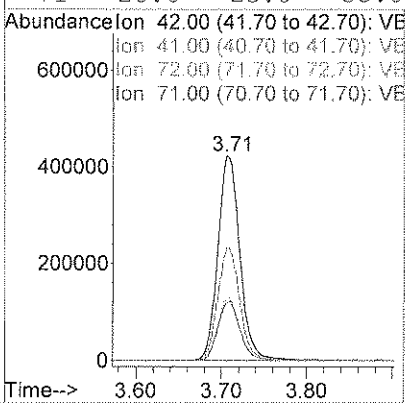




#33
TETRAHYDROFURAN
Concen: 232.77 UG/L
RT: 3.71 min Scan# 982
Delta R.T. -0.01 min
Lab File: VB230022.D
Acq: 18 Aug 2011 10:11 pm

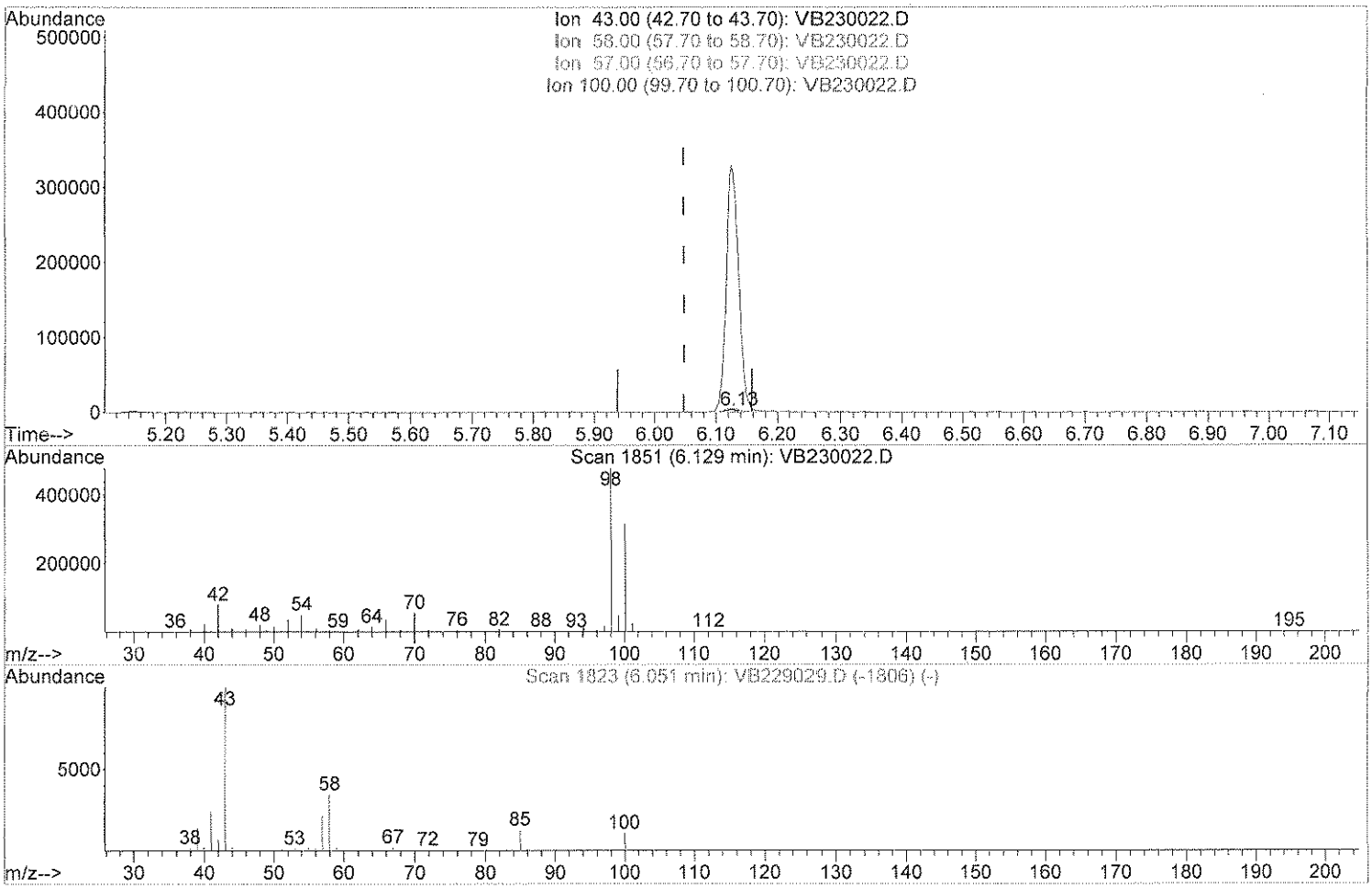
Tgt Ion: 42 Resp: 749499

Ion	Ratio	Lower	Upper
42	100		
41	55.6	44.1	66.1
72	30.2	26.4	39.6
71	28.8	23.8	35.8



Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230022.D
Acq On : 18 Aug 2011 10:11 pm
Operator : LBD/MFF
Sample : 11H0581-05 @ 50X
Misc : 50
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 19 08:16:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230022.D

(51) MIBK (T)

6.129min (+0.081) 0.47UG/L

response 4100

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	164.78#
57.00	24.10	0.00#
100.00	11.00	10925.98#

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

1 - FORM I
ANALYSIS DATA SHEET

PW15-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-05RE1	File ID:	VB230066.D
Sampled:	08/11/11 15:30	Prepared:	08/19/11 09:18	Analyzed:	08/19/11 21:49
Solids:		Preparation:	SW-846 5030B	Dilution:	500
Initial/Final:	5 mL / 5 mL				
Batch:	B035804	Sequence:	S001082	Calibration:	1100023
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
109-99-9	Tetrahydrofuran	9700	500	5000	

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230066.D
Acq On : 19 Aug 2011 9:49 pm
Operator : LBD/MFF
Sample : 11H0581-05RE1 @500X
Misc : 500
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 22 13:11:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

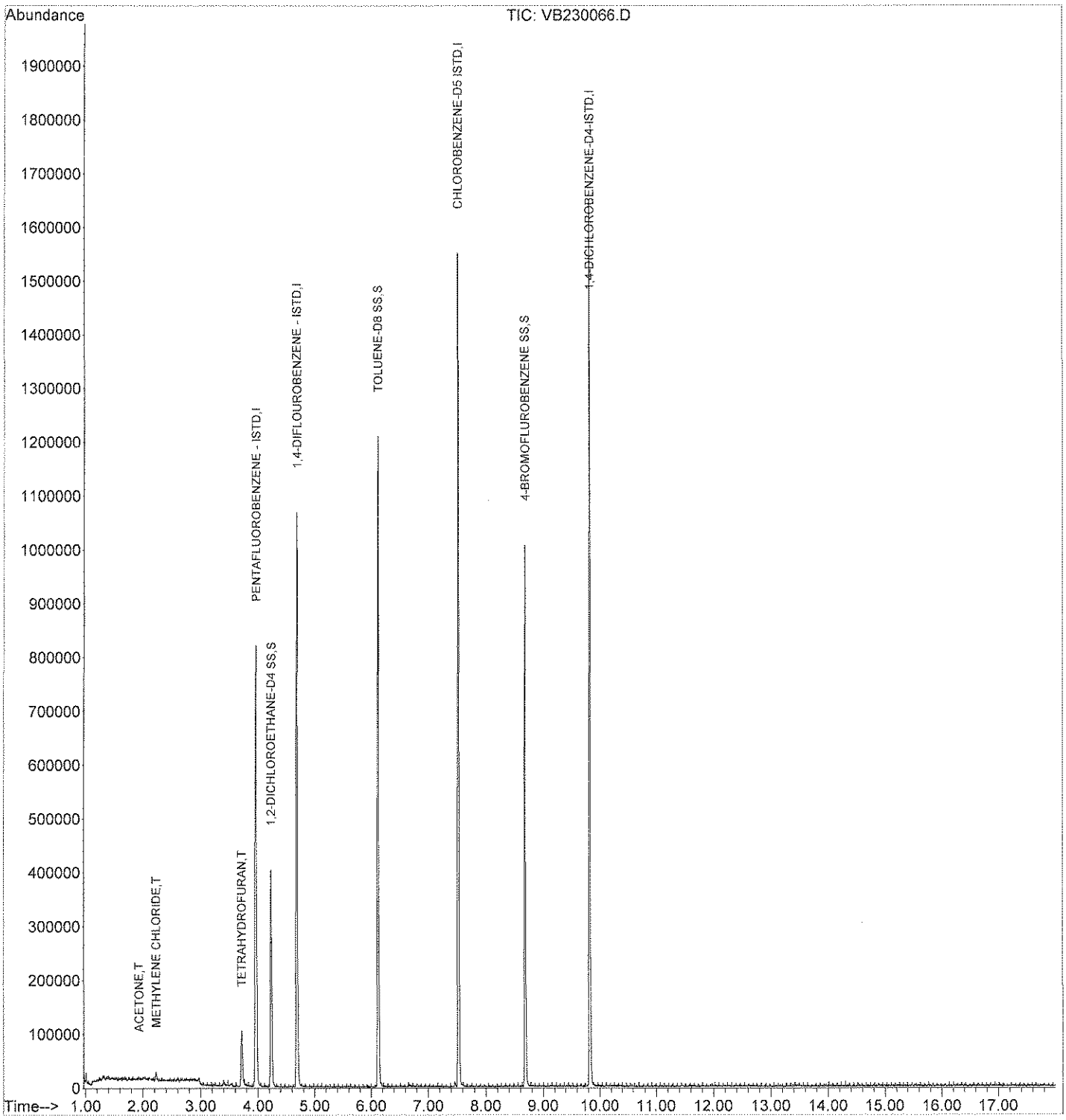
CHECKED BY: MARK FLAHIVE
AUG 22 2011

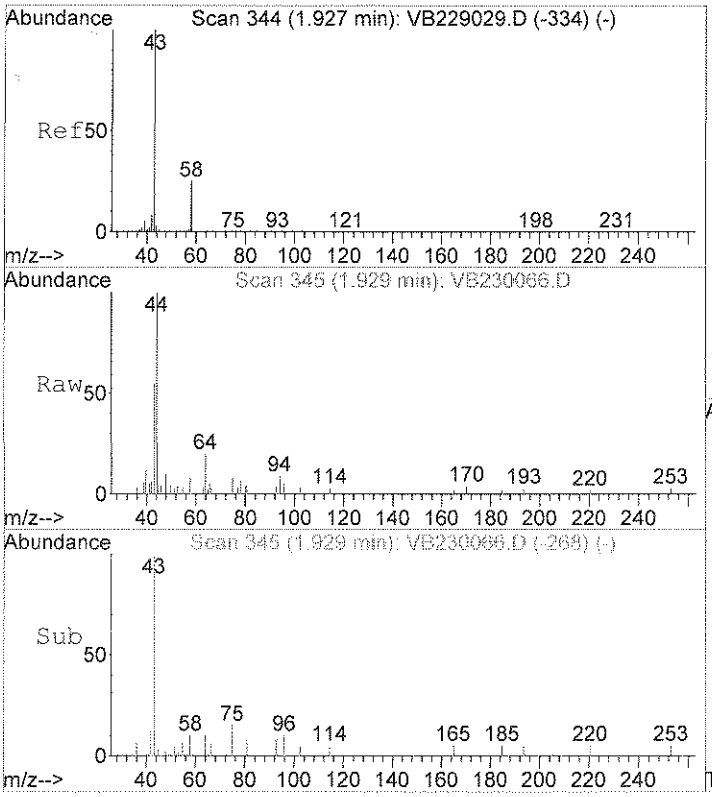
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	508539	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.68	114	711195	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	360244	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	339087	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	248619	21.83	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.32%			
42) TOLUENE-D8 SS	6.13	98	623997	22.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.88%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	258676	23.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	4150	1.69	UG/L #	81
16) IODOMETHANE	2.20	142	304	Below Cal		96
20) METHYLENE CHLORIDE	2.23	49	7349	0.70	UG/L	94
33) TETRAHYDROFURAN	3.71	42	63648	19.34	UG/L	96

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

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230066.D
Acq On : 19 Aug 2011 9:49 pm
Operator : LBD/MFF
Sample : 11H0581-05RE1 @500X
Misc : 500
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 22 13:11:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

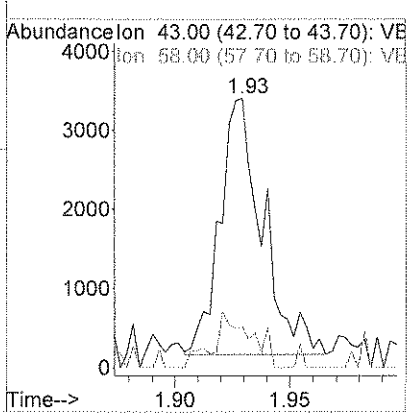


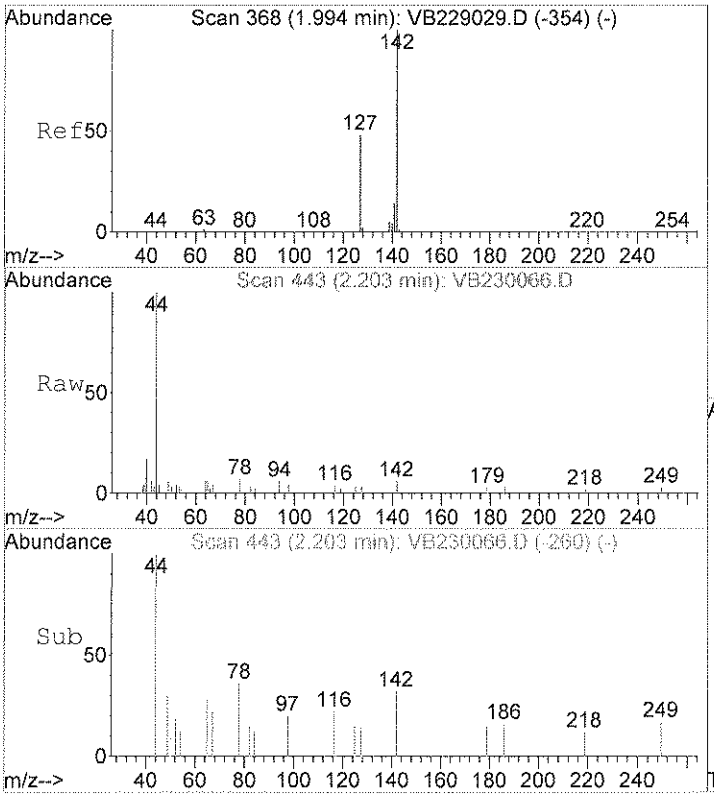


#13
ACETONE
Concen: 1.69 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB230066.D
Acq: 19 Aug 2011 9:49 pm

Tgt Ion: 43 Resp: 4150

Ion	Ratio	Lower	Upper
43	100		
58	15.9	20.2	30.2#

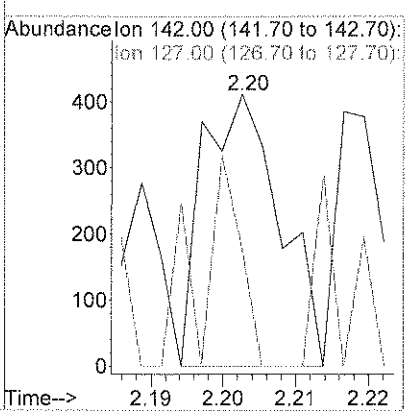


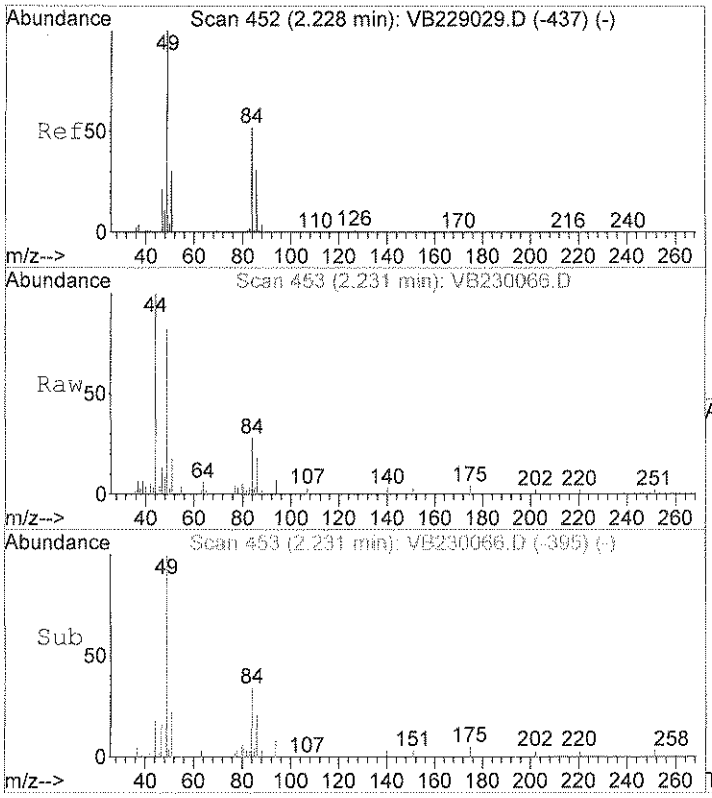


#16
IODOMETHANE
Concen: Below Cal
RT: 2.20 min Scan# 443
Delta R.T. 0.21 min
Lab File: VB230066.D
Acq: 19 Aug 2011 9:49 pm

Tgt Ion:142 Resp: 304

Ion	Ratio	Lower	Upper
142	100		
127	40.8	34.5	51.7

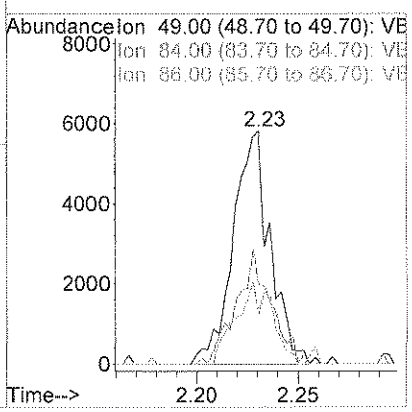


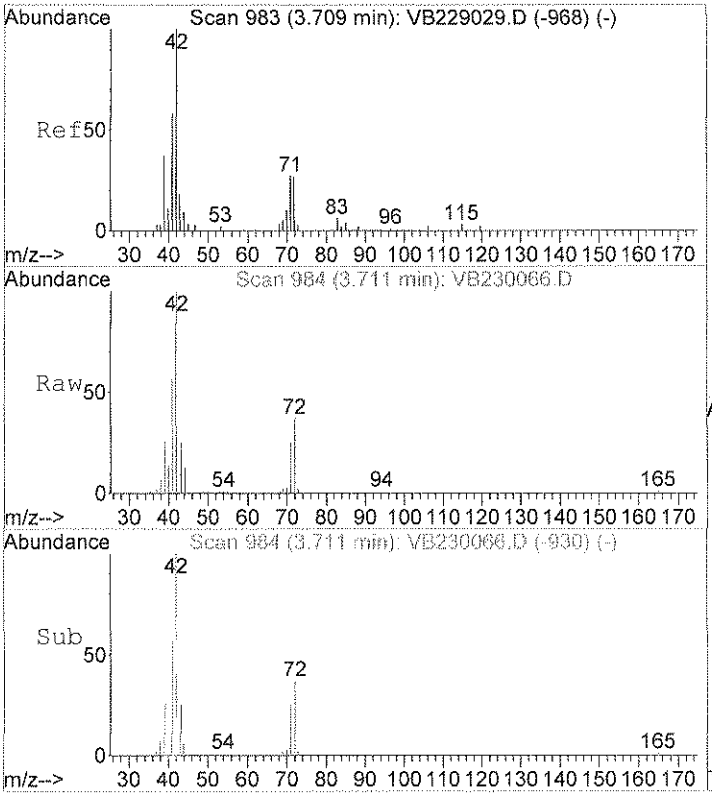


#20
METHYLENE CHLORIDE
Concen: 0.70 UG/L
RT: 2.23 min Scan# 453
Delta R.T. 0.00 min
Lab File: VB230066.D
Acq: 19 Aug 2011 9:49 pm

Tgt Ion: 49 Resp: 7349

Ion	Ratio	Lower	Upper
49	100		
84	46.0	41.1	61.7
86	34.7	26.5	39.7

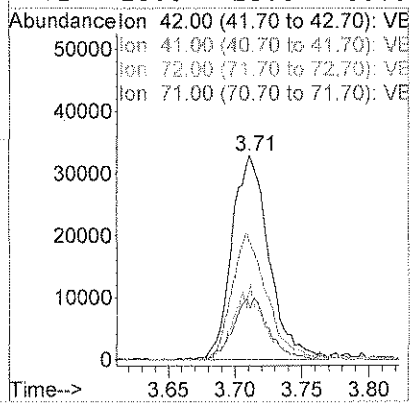




#33
TETRAHYDROFURAN
Concen: 19.34 UG/L
RT: 3.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VB230066.D
Acq: 19 Aug 2011 9:49 pm

Tgt Ion: 42 Resp: 63648

Ion	Ratio	Lower	Upper
42	100		
41	57.5	44.1	66.1
72	29.7	26.4	39.6
71	28.0	23.8	35.8



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1 - FORM I
ANALYSIS DATA SHEET

PW19-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-06	File ID:	VB230017.D
Sampled:	08/12/11 15:45	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 19:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW19-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-06	File ID:	VB230017.D
Sampled:	08/12/11 15:45	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 19:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW19-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-06	File ID:	VB230017.D
Sampled:	08/12/11 15:45	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 19:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW19-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-06	File ID:	VB230017.D
Sampled:	08/12/11 15:45	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 19:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

AUG 19 2011

CHECKED BY: MARK FLAHIVE

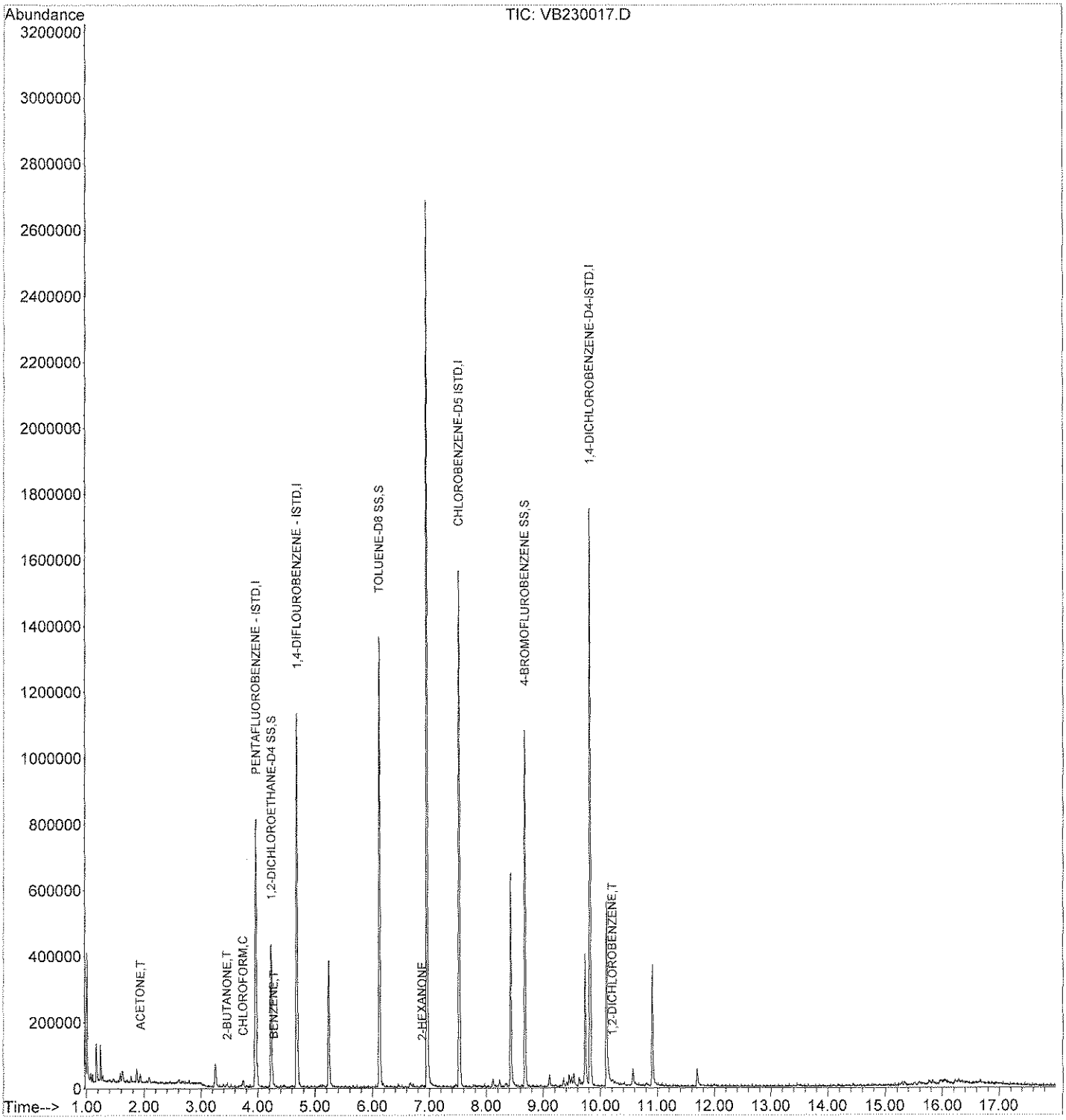
Quant Time: Aug 19 10:27:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

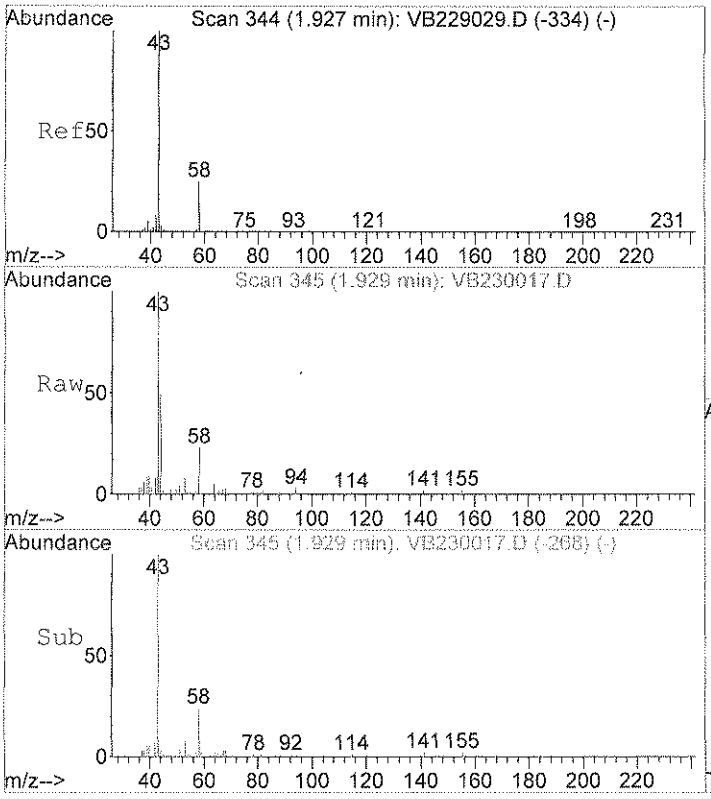
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	505812	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	754217	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	366570	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	391066	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	264005	23.31	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.24%			
42) TOLUENE-D8 SS	6.13	98	700155	24.04	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.16%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	292862	26.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.44%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	21189	8.65	UG/L #	90
16) IODOMETHANE	2.08	142	509	Below Cal		94
27) 2-BUTANONE	3.45	43	10317	2.18	UG/L #	64
34) CHLOROFORM	3.74	83	12423	1.03	UG/L	98
39) BENZENE	4.28	78	3488	0.12	UG/L #	52
57) 2-HEXANONE	6.87	43	3166	0.52	UG/L #	85
89) 1,2-DICHLOROBENZENE	10.21	146	2089	0.14	UG/L	98

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 10:27:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

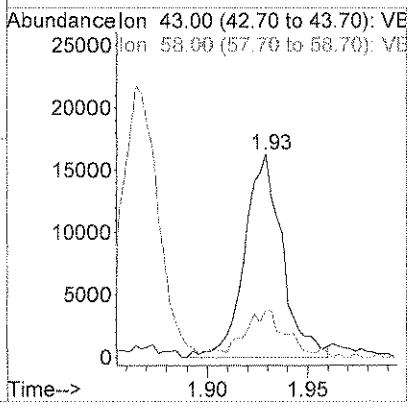


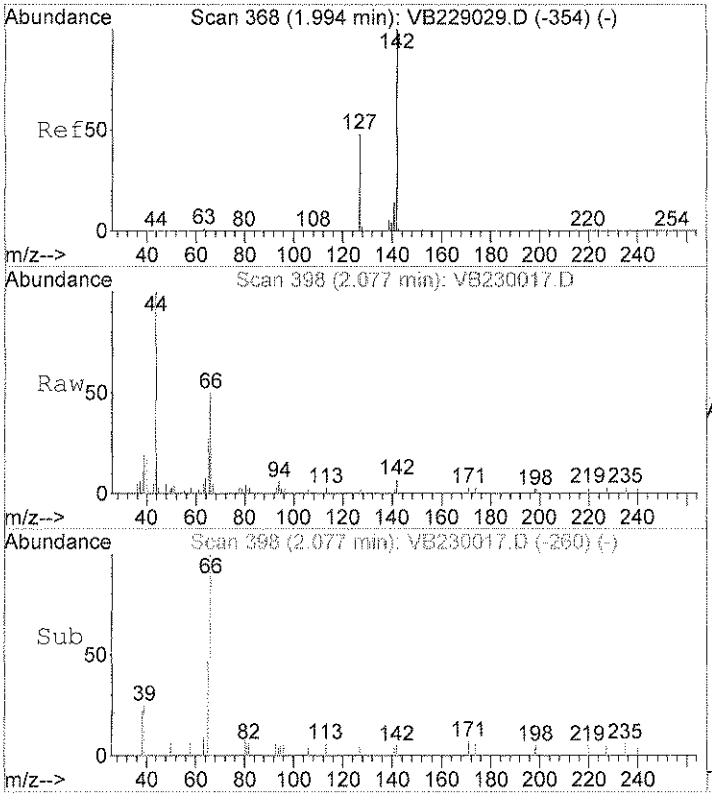


#13
ACETONE
Concen: 8.65 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB230017.D
Acq: 18 Aug 2011 7:28 pm

Tgt Ion: 43 Resp: 21189

Ion	Ratio	Lower	Upper
43	100		
58	20.1	20.2	30.2#

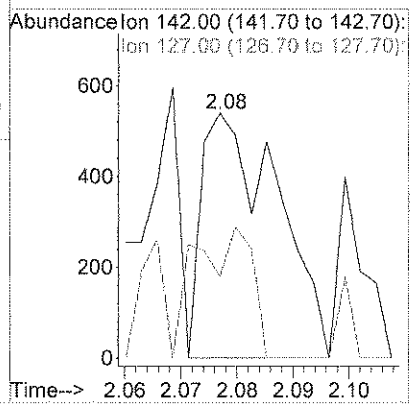


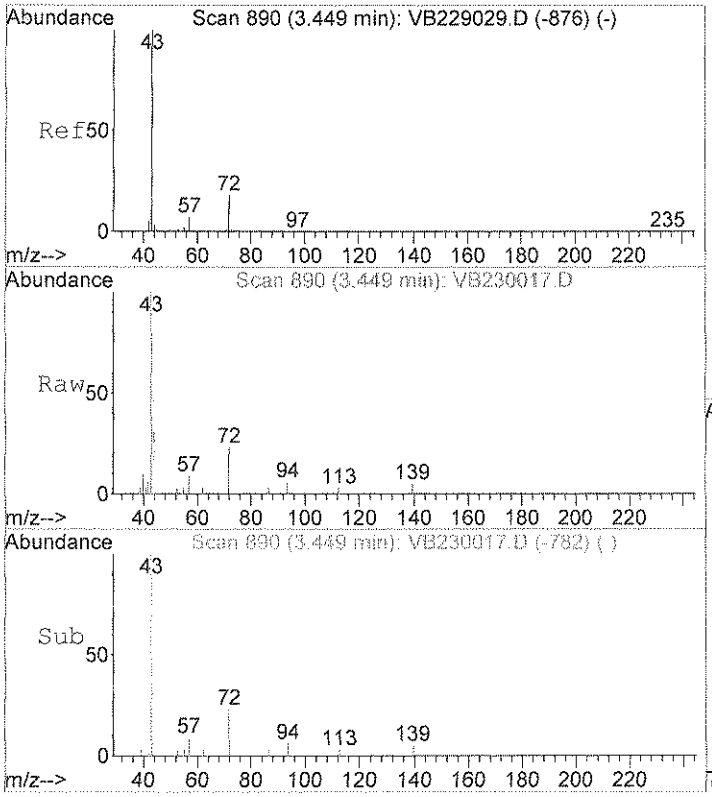


#16
IODOMETHANE
Concen: Below Cal
RT: 2.08 min Scan# 398
Delta R.T. 0.08 min
Lab File: VB230017.D
Acq: 18 Aug 2011 7:28 pm

Tgt Ion:142 Resp: 509

Ion	Ratio	Lower	Upper
142	100		
127	39.3	34.5	51.7

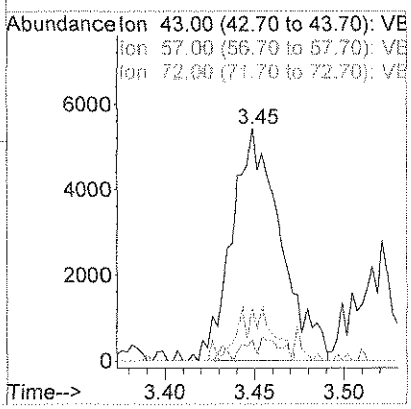


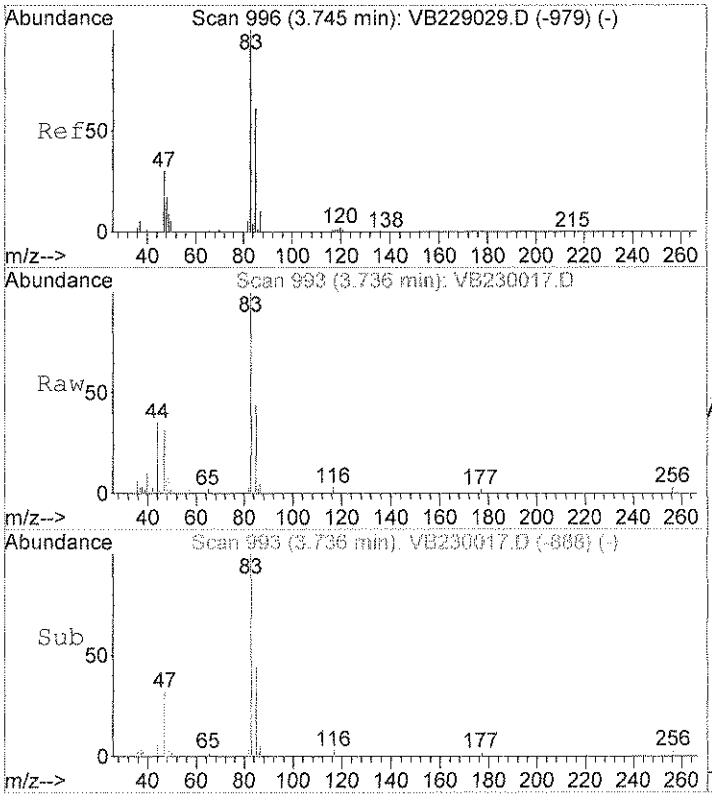


#27
2-BUTANONE
Concen: 2.18 UG/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VB230017.D
Acq: 18 Aug 2011 7:28 pm

Tgt Ion: 43 Resp: 10317

Ion	Ratio	Lower	Upper
43	100		
57	0.0	5.7	8.5#
72	0.0	14.8	22.2#

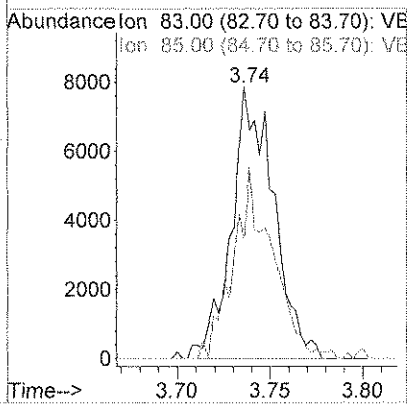


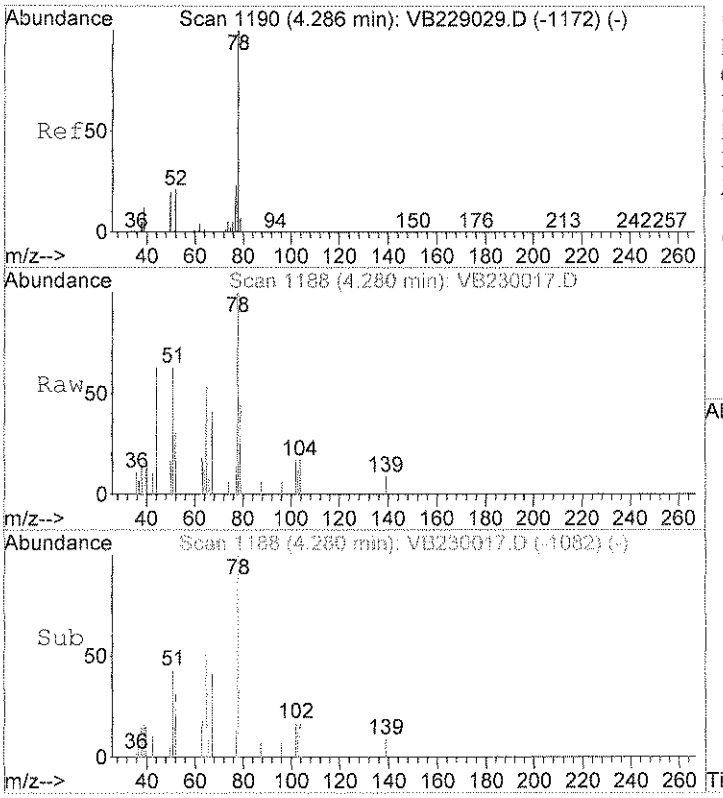


#34
CHLOROFORM
Concen: 1.03 UG/L
RT: 3.74 min Scan# 993
Delta R.T. -0.01 min
Lab File: VB230017.D
Acq: 18 Aug 2011 7:28 pm

Tgt Ion: 83 Resp: 12423

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.2	76.8

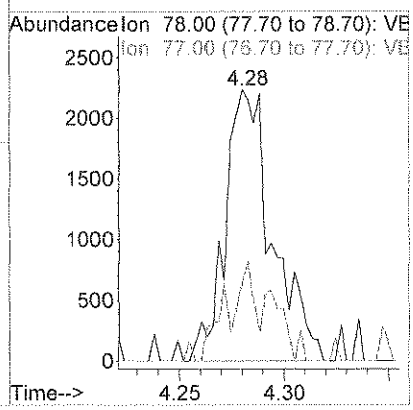


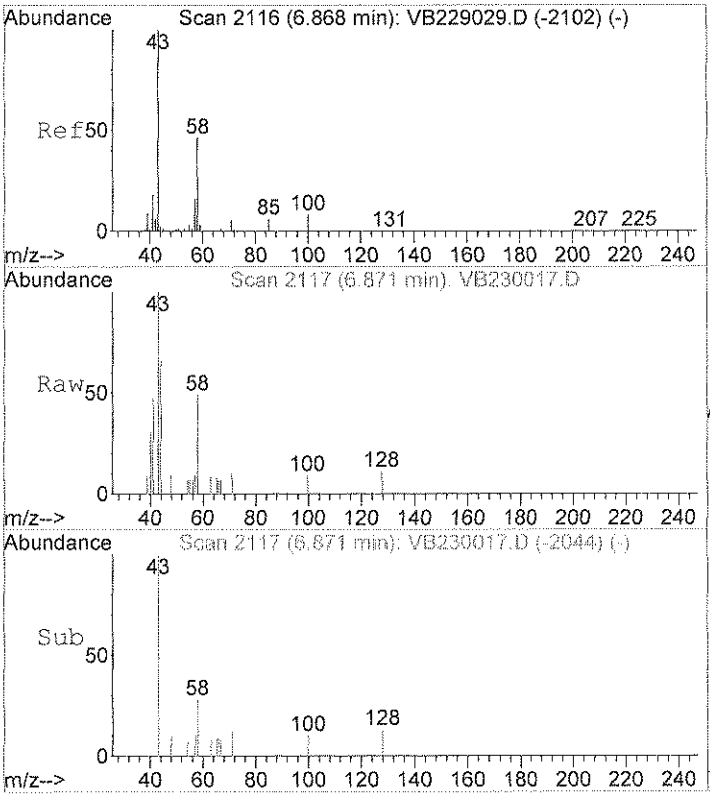


#39
BENZENE
Concen: 0.12 UG/L
RT: 4.28 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VB230017.D
Acq: 18 Aug 2011 7:28 pm

Tgt Ion: 78 Resp: 3488

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.5	27.7#

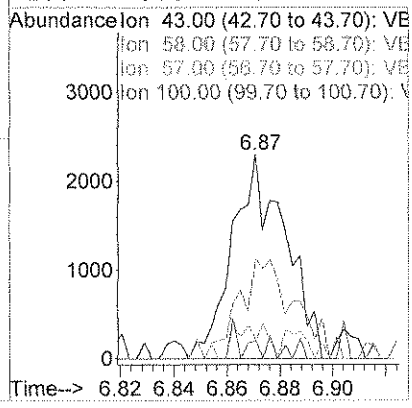


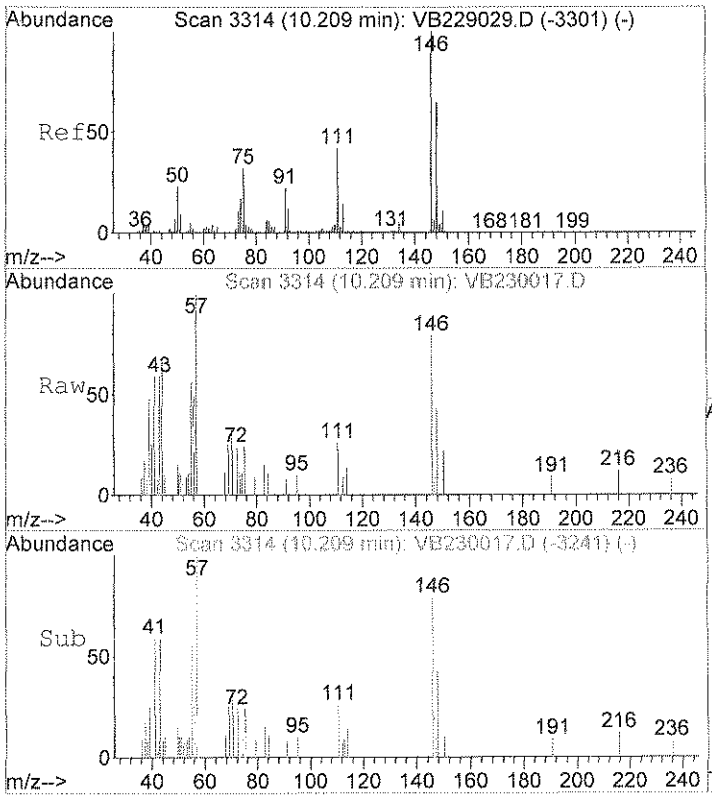


#57
2-HEXANONE
Concen: 0.52 UG/L
RT: 6.87 min Scan# 2117
Delta R.T. 0.00 min
Lab File: VB230017.D
Acq: 18 Aug 2011 7:28 pm

Tgt Ion: 43 Resp: 3166

Ion	Ratio	Lower	Upper
43	100		
58	52.1	39.5	59.3
57	0.0	14.1	21.1#
100	0.0	6.6	9.8#

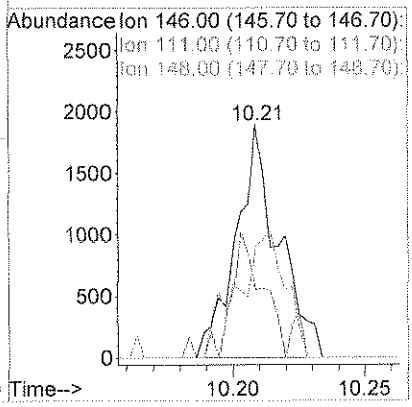




#89
1,2-DICHLOROBENZENE
Concen: 0.14 UG/L
RT: 10.21 min Scan# 3314
Delta R.T. 0.00 min
Lab File: VB230017.D
Acq: 18 Aug 2011 7:28 pm

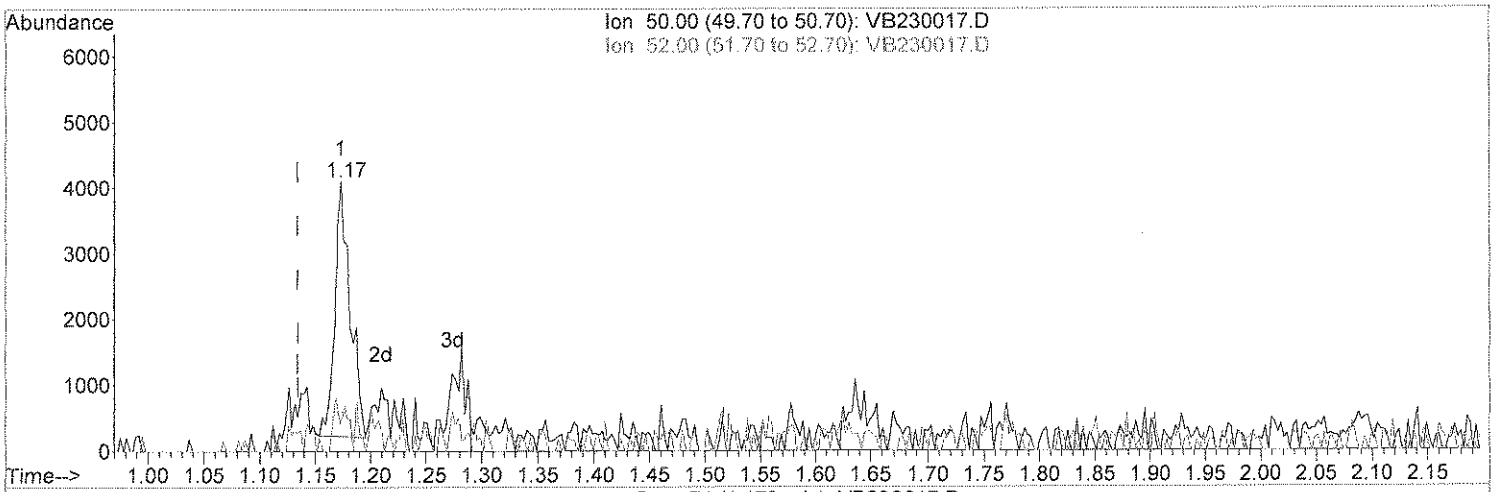
Tgt Ion:146 Resp: 2089

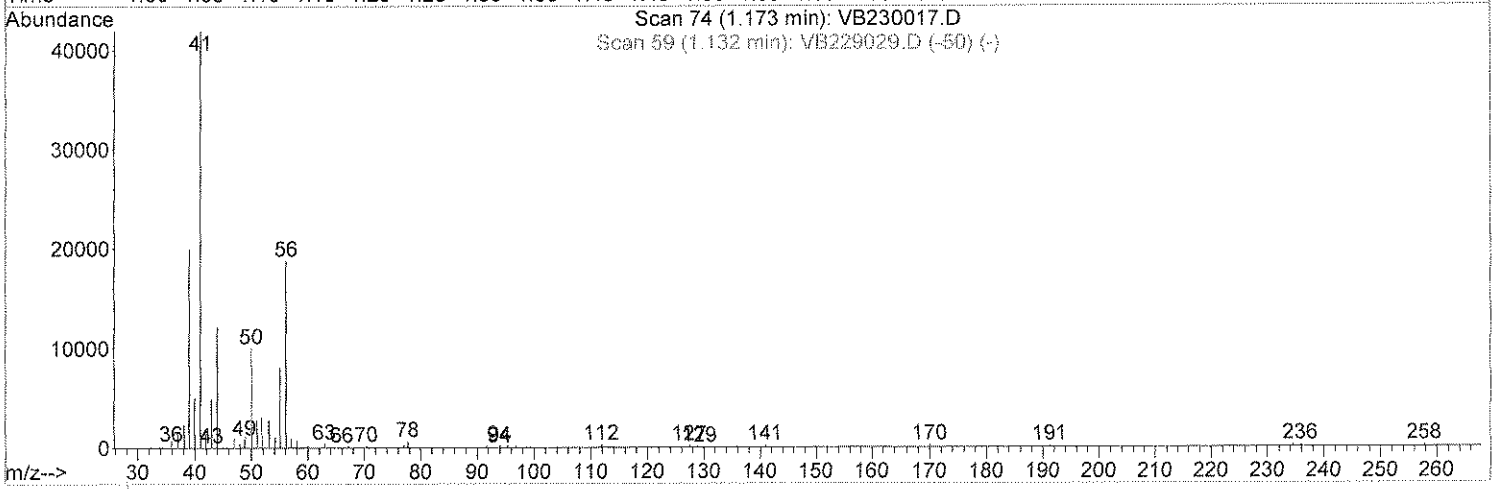
Ion	Ratio	Lower	Upper
146	100		
111	39.5	32.2	48.4
148	62.3	50.9	76.3



Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration





TIC: VB230017.D

(5) CHLOROMETHANE (P)

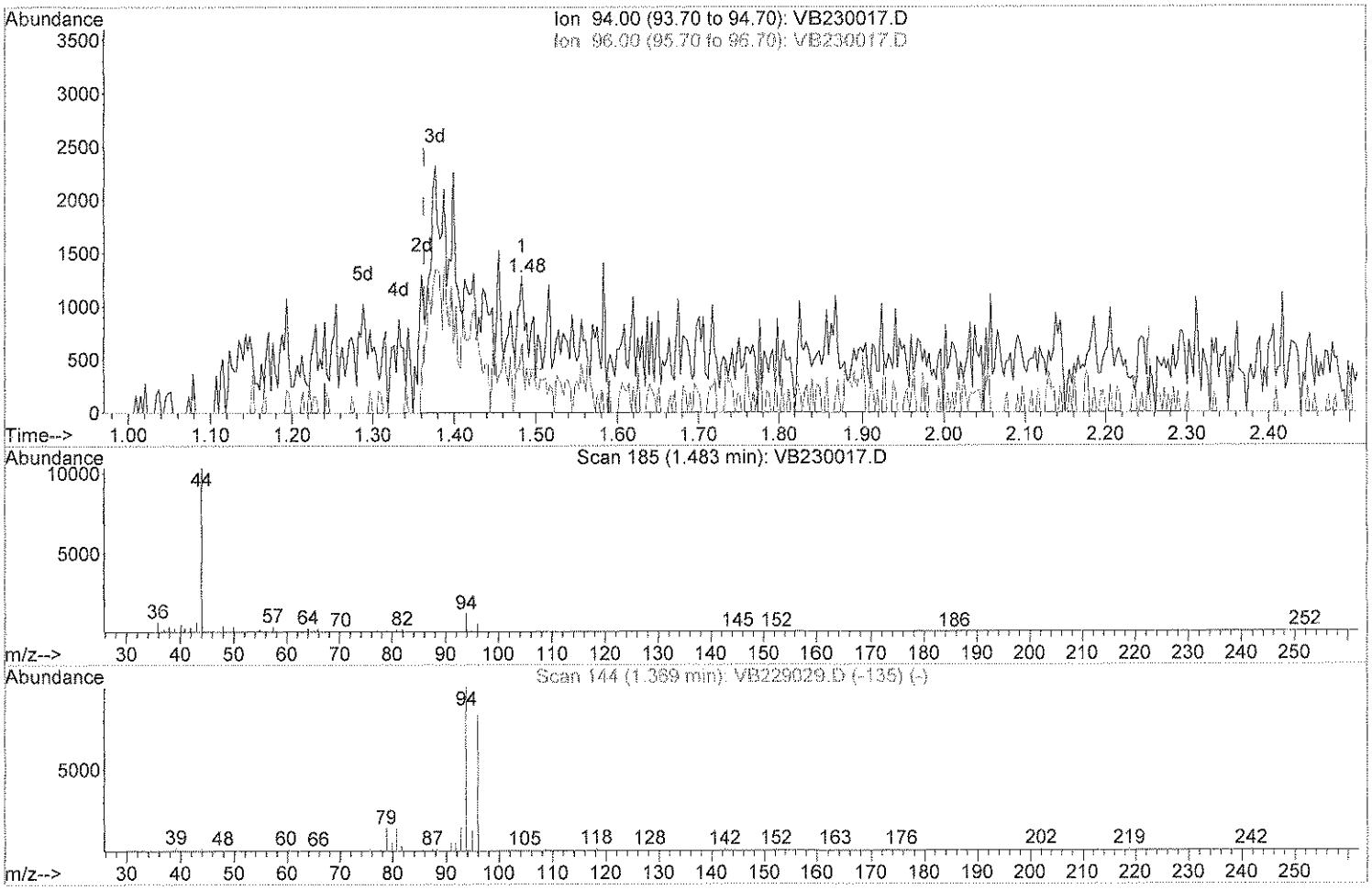
1.173min (+0.039) 0.38UG/L

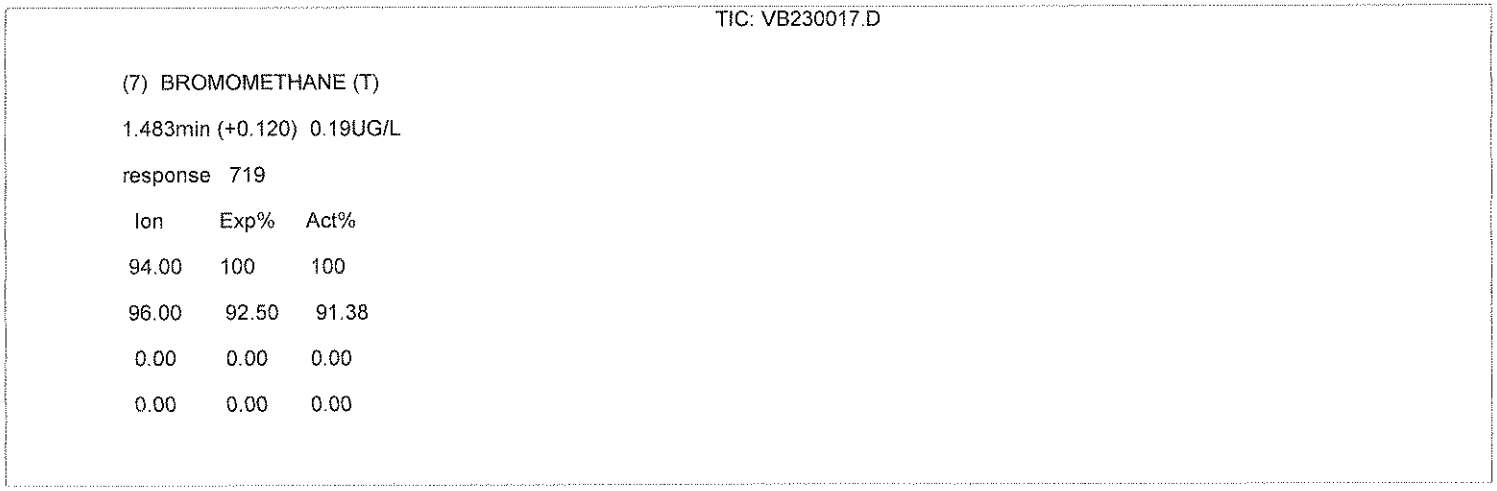
response 3757

Ion	Exp%	Act%
50.00	100	100
52.00	30.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration





(7) BROMOMETHANE (T)

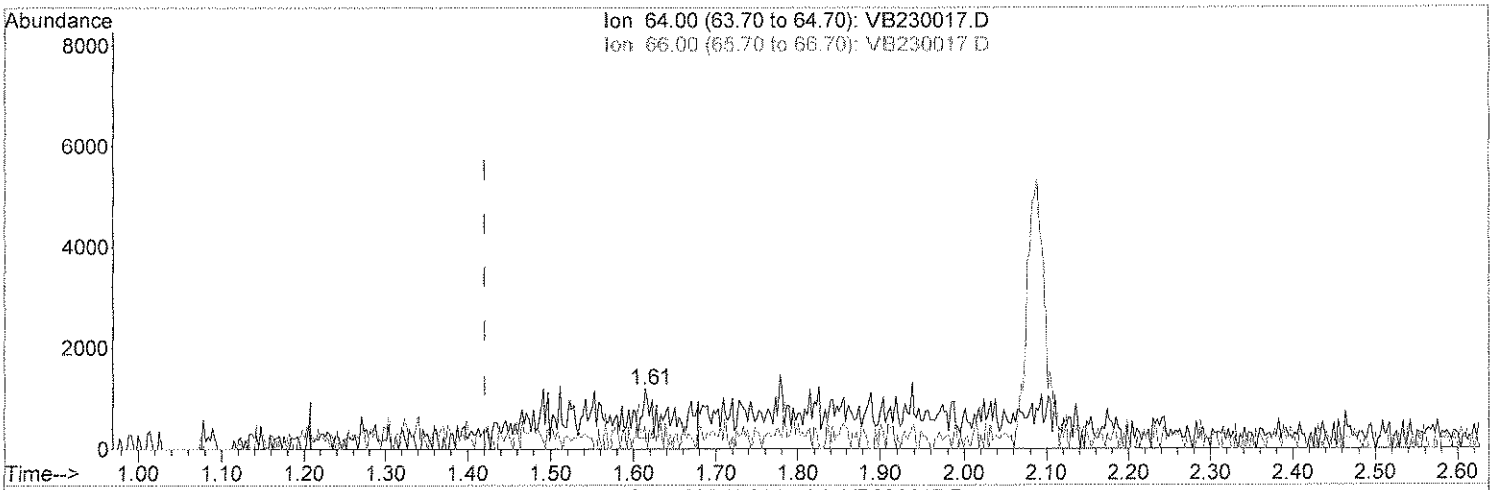
1.483min (+0.120) 0.19UG/L

response 719

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	91.38
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230017.D

(8) CHLOROETHANE (T)

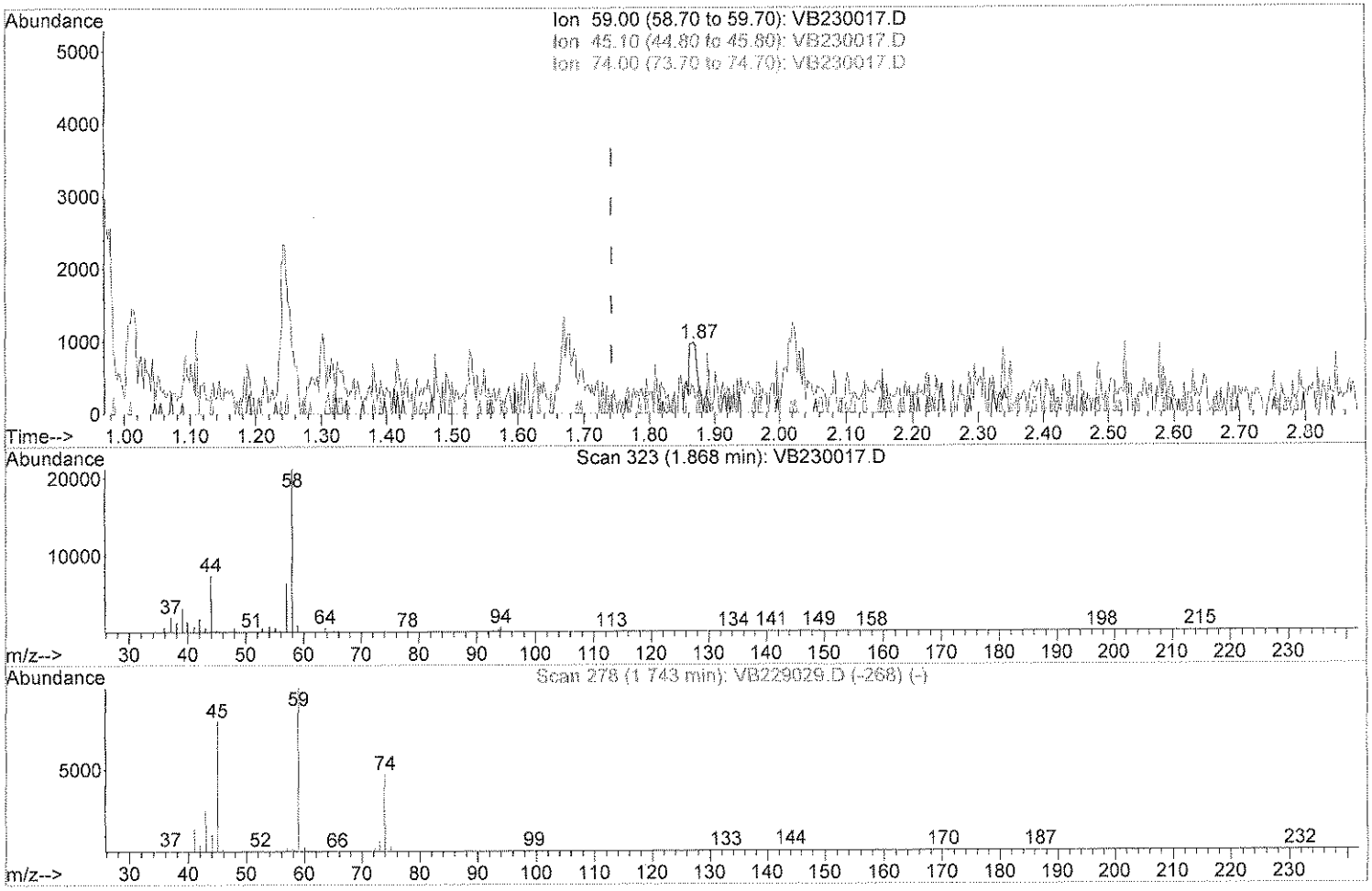
1.614min (+0.193) 0.16UG/L

response 612

Ion	Exp%	Act%
64.00	100	100
66.00	30.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230017.D

(11) DI ETHYL ETHER (T)

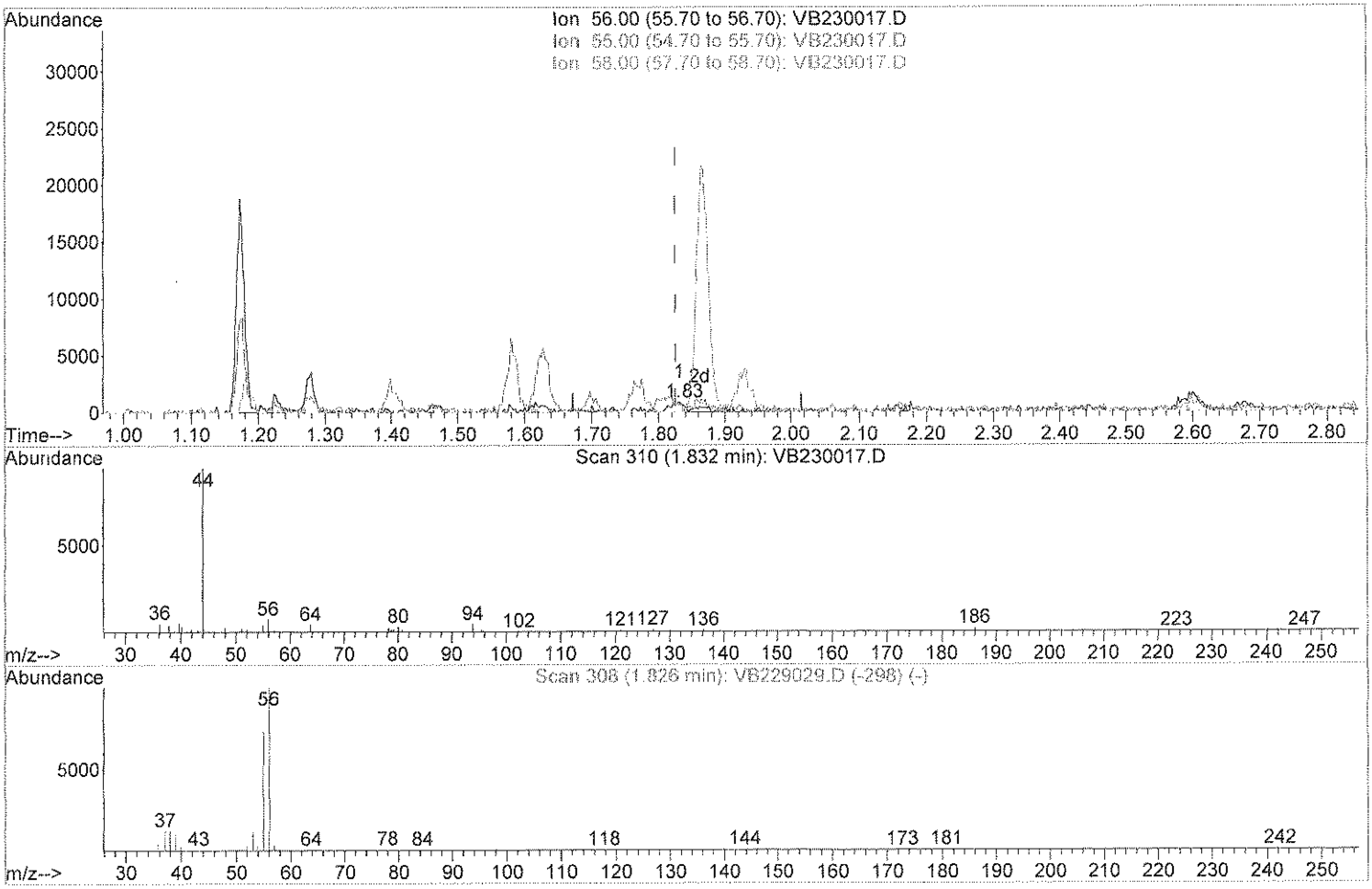
1.868min (+0.125) 0.18UG/L

response 948

Ion	Exp%	Act%
59.00	100	100
45.10	84.40	0.00#
74.00	56.10	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230017.D

(12) ACROLEIN

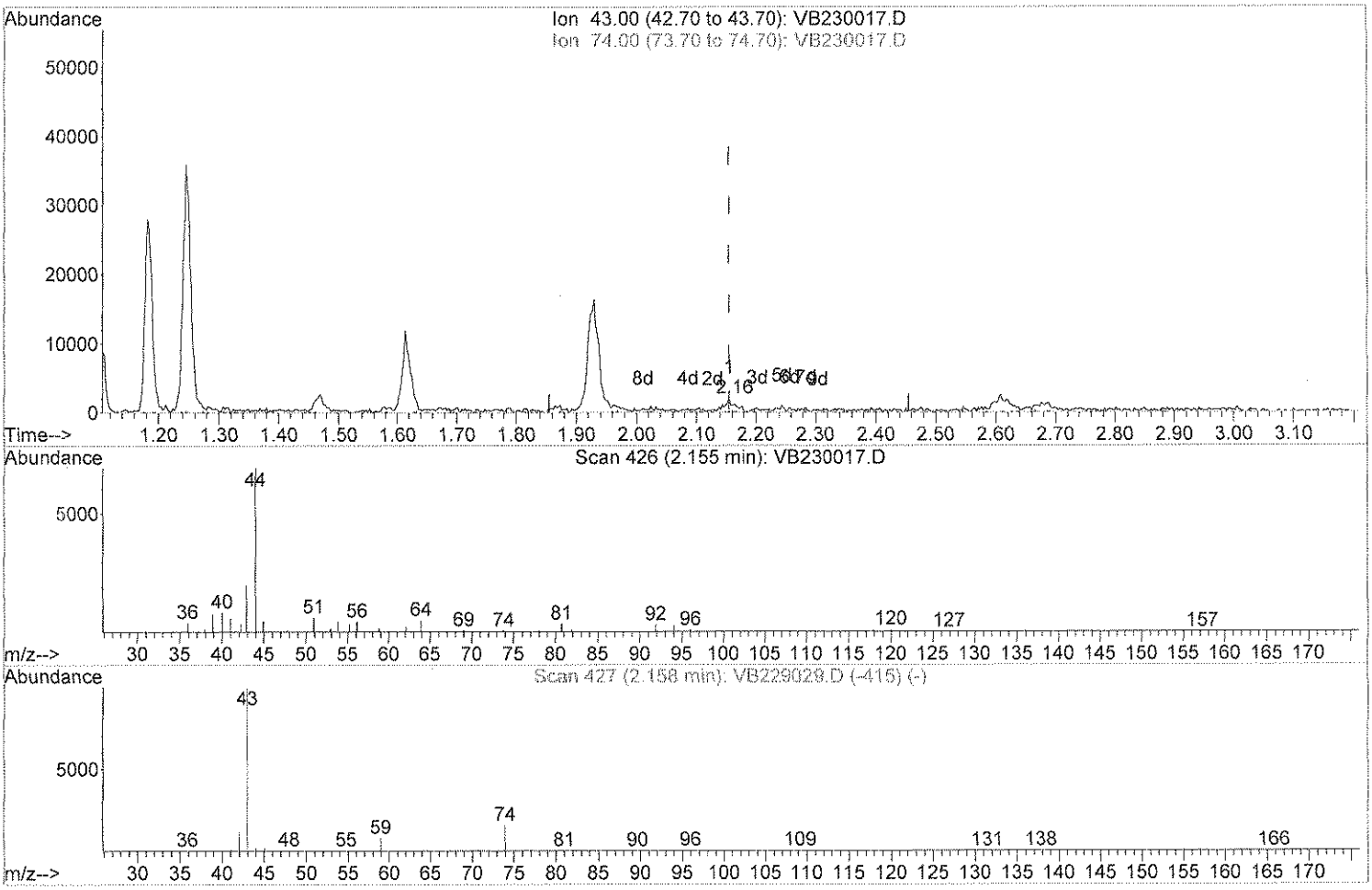
1.832min (+0.006) 2.09UG/L

response 1109

Ion	Exp%	Act%
56.00	100	100
55.00	73.80	0.00#
58.00	0.50	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230017.D

(17) METHYL ACETATE

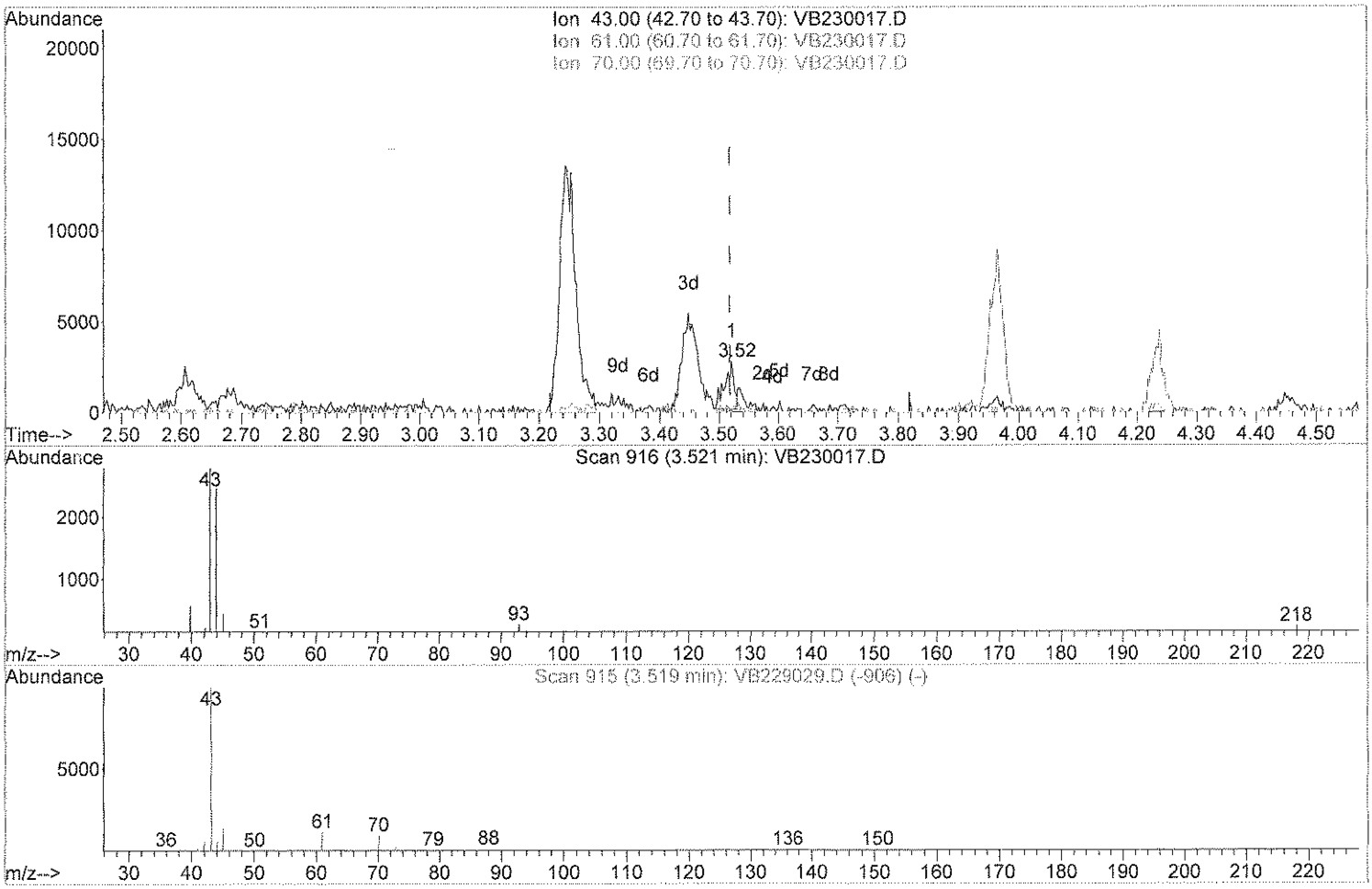
2.155min (-0.000) 0.16UG/L

response 2414

Ion	Exp%	Act%
43.00	100	100
74.00	15.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230017.D

(31) ETHYL ACETATE

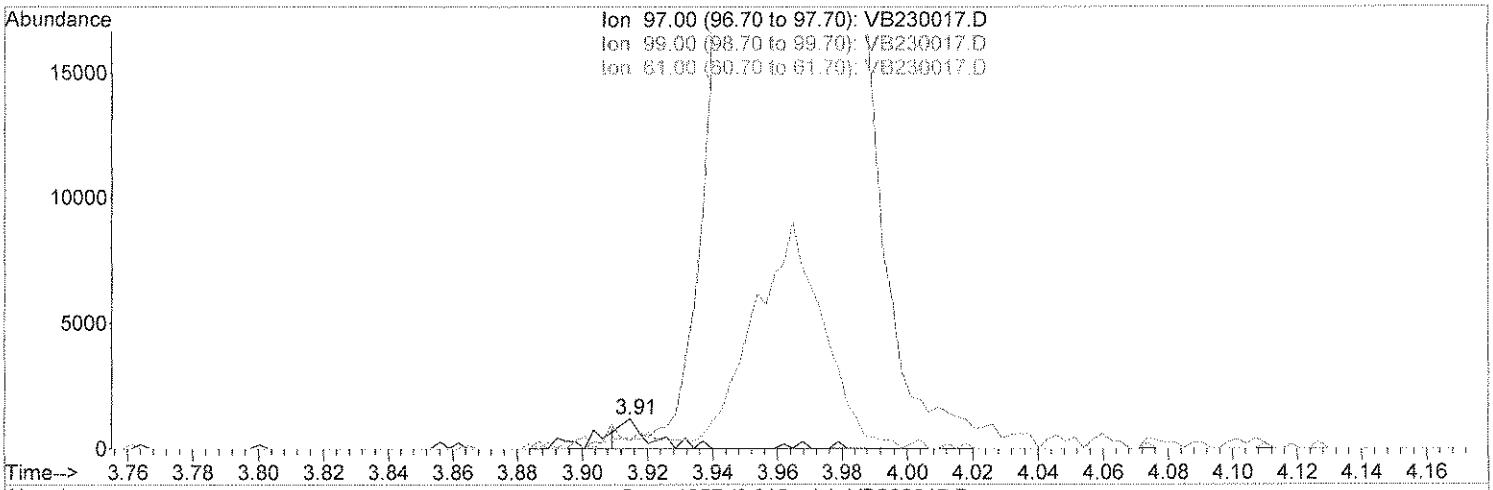
3.521min (+0.003) 0.24UG/L

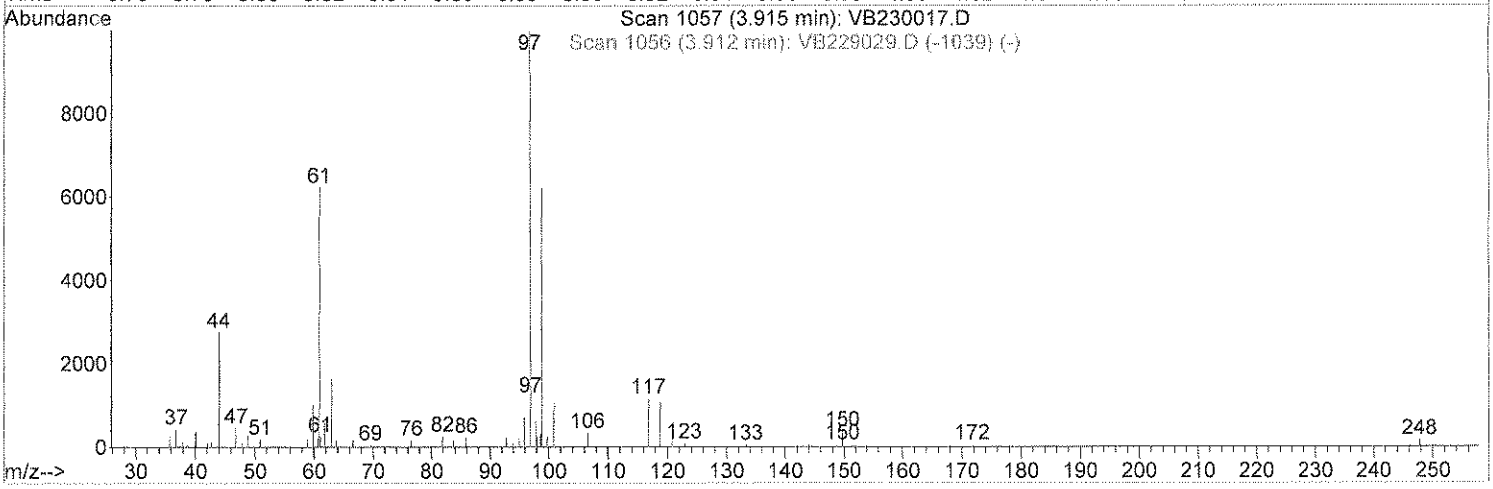
response 2747

Ion	Exp%	Act%
43.00	100	100
61.00	11.80	9.28#
70.00	7.90	4.30#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration





TIC: VB230017.D

(35) 1,1,1-TRICHLOROETHANE (T)

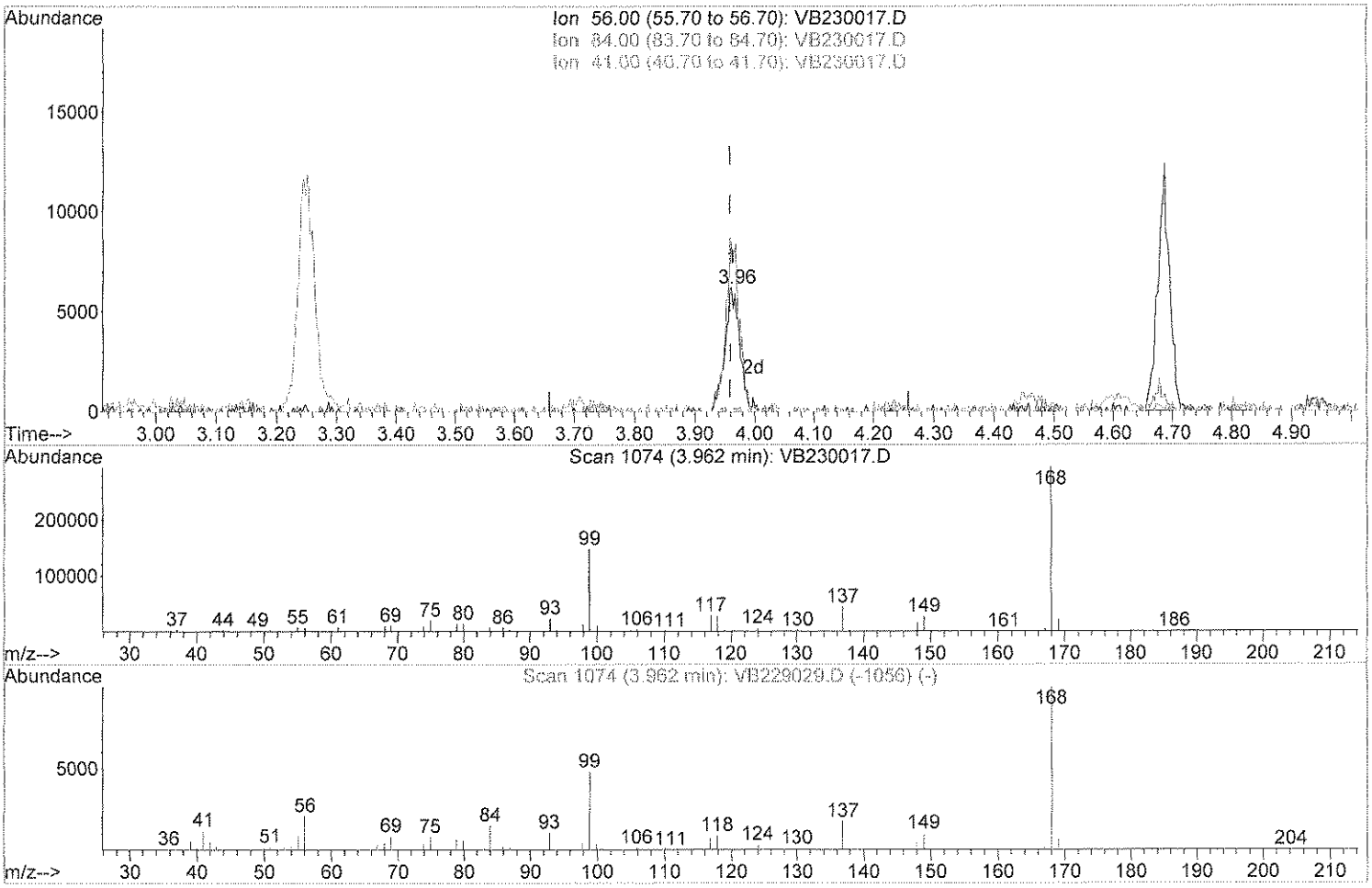
3.915min (+0.005) 0.11UG/L

response 930

Ion	Exp%	Act%
97.00	100	100
99.00	63.80	0.00#
61.00	50.90	72.47#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230017.D

(36) CYCLOHEXANE

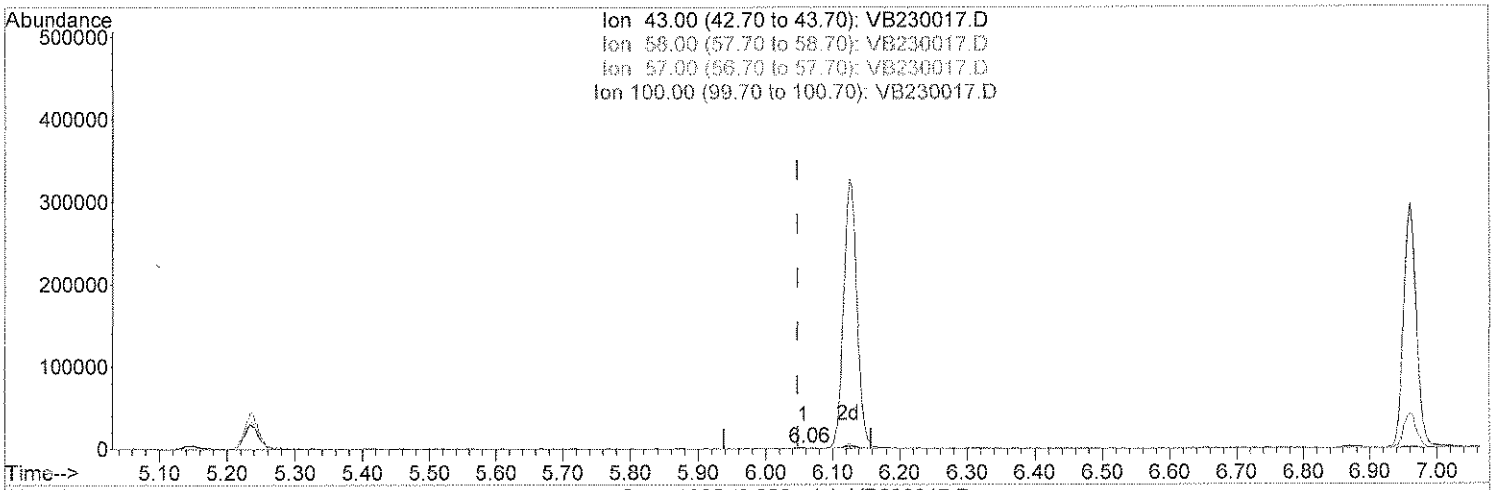
3.962min (+0.003) 0.84UG/L

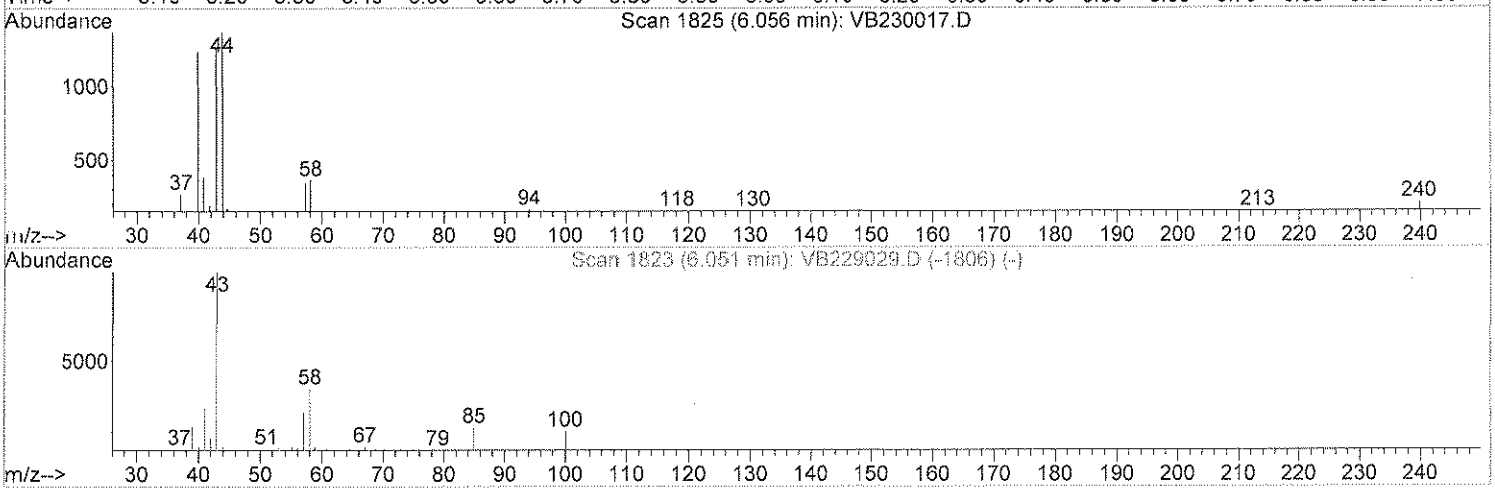
response 10520

Ion	Exp%	Act%
56.00	100	100
84.00	67.60	129.11#
41.00	59.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230017.D
Acq On : 18 Aug 2011 7:28 pm
Operator : LBD/MFF
Sample : 11H0581-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 19 08:12:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration





TIC: VB230017.D

(51) MIBK (T)

6.056min (+0.008) 0.12UG/L

response 1084

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	0.00#
57.00	24.10	0.00#
100.00	11.00	0.00#

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-07	File ID:	VB230018.D
Sampled:	08/12/11 16:40	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 20:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW19-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-07	File ID:	VB230018.D
Sampled:	08/12/11 16:40	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 20:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW19-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-07	File ID:	VB230018.D
Sampled:	08/12/11 16:40	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 20:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW19-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0581-07	File ID:	VB230018.D
Sampled:	08/12/11 16:40	Prepared:	08/17/11 09:24	Analyzed:	08/18/11 20:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230018.D
Acq On : 18 Aug 2011 8:01 pm
Operator : LBD/MFF
Sample : 11H0581-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 19 2011

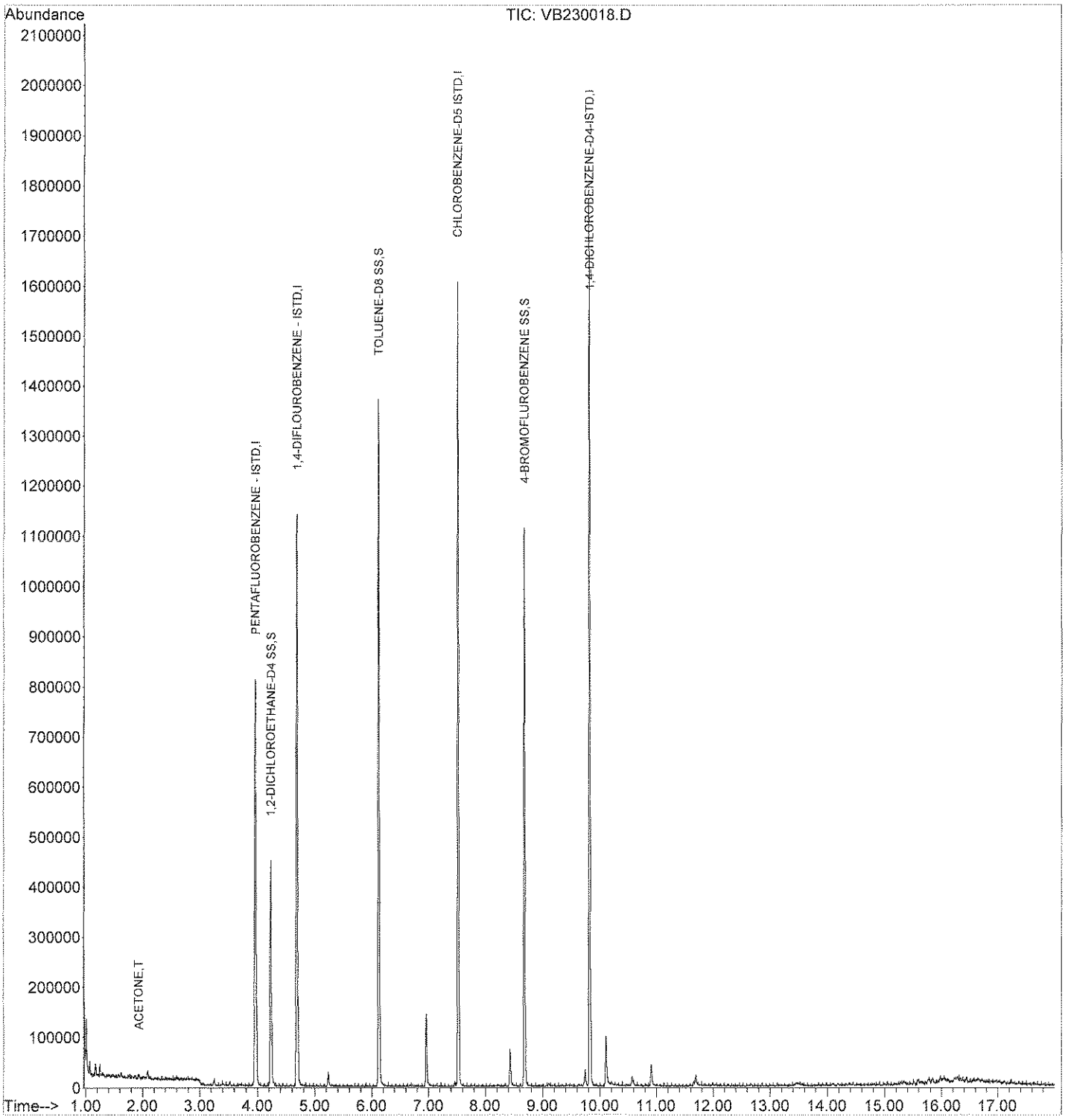
Quant Time: Aug 19 10:28:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

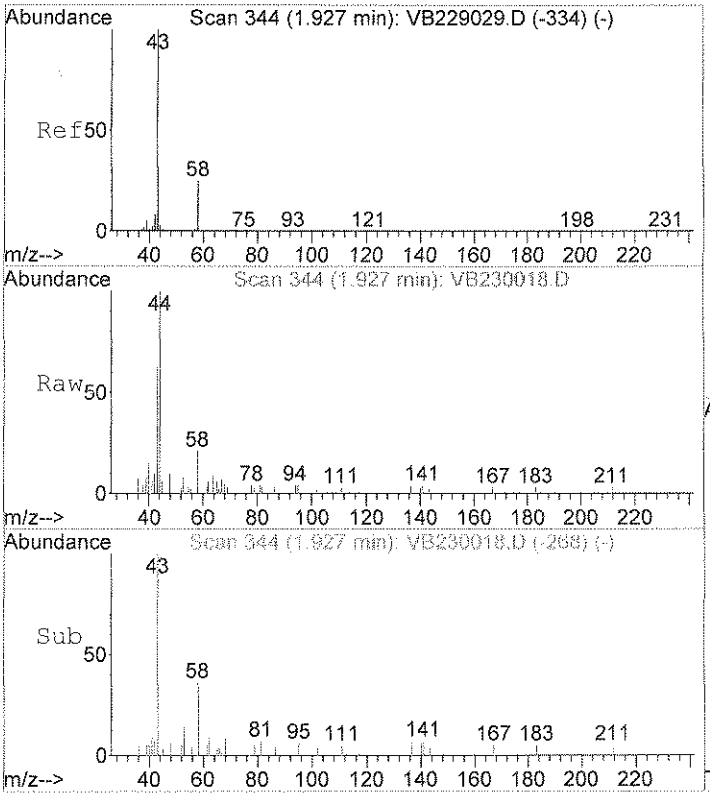
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	503773	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	755037	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	373156	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	381639	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	266585	23.63	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.52%			
42) TOLUENE-D8 SS	6.13	98	700703	24.03	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.12%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	290123	25.41	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	5026	2.06	UG/L #	87
16) IODOMETHANE	2.08	142	298	Below Cal		89

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230018.D
Acq On : 18 Aug 2011 8:01 pm
Operator : LBD/MFF
Sample : 11H0581-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 19 10:28:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

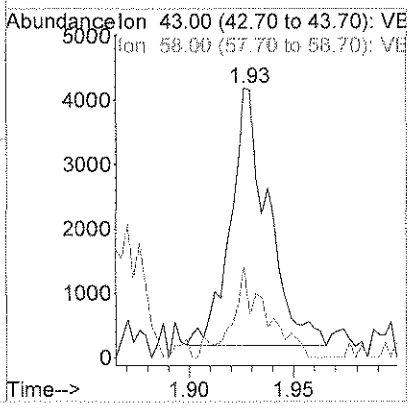


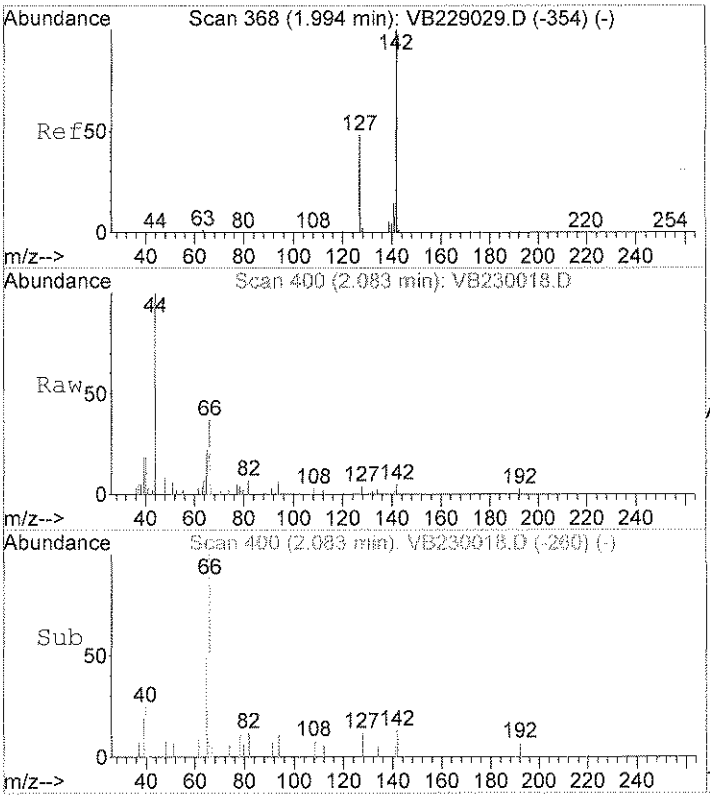


#13
ACETONE
Concen: 2.06 UG/L
RT: 1.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: VB230018.D
Acq: 18 Aug 2011 8:01 pm

Tgt Ion: 43 Resp: 5026

Ion	Ratio	Lower	Upper
43	100		
58	31.6	20.2	30.2#

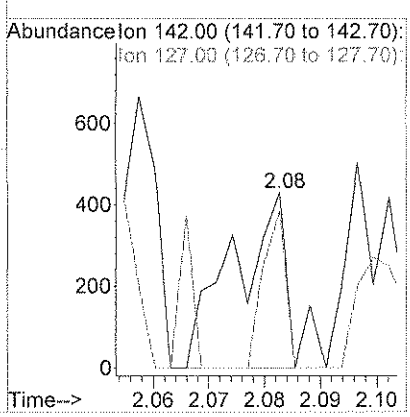




#16
IODOMETHANE
Concen: Below Cal
RT: 2.08 min Scan# 400
Delta R.T. 0.09 min
Lab File: VB230018.D
Acq: 18 Aug 2011 8:01 pm

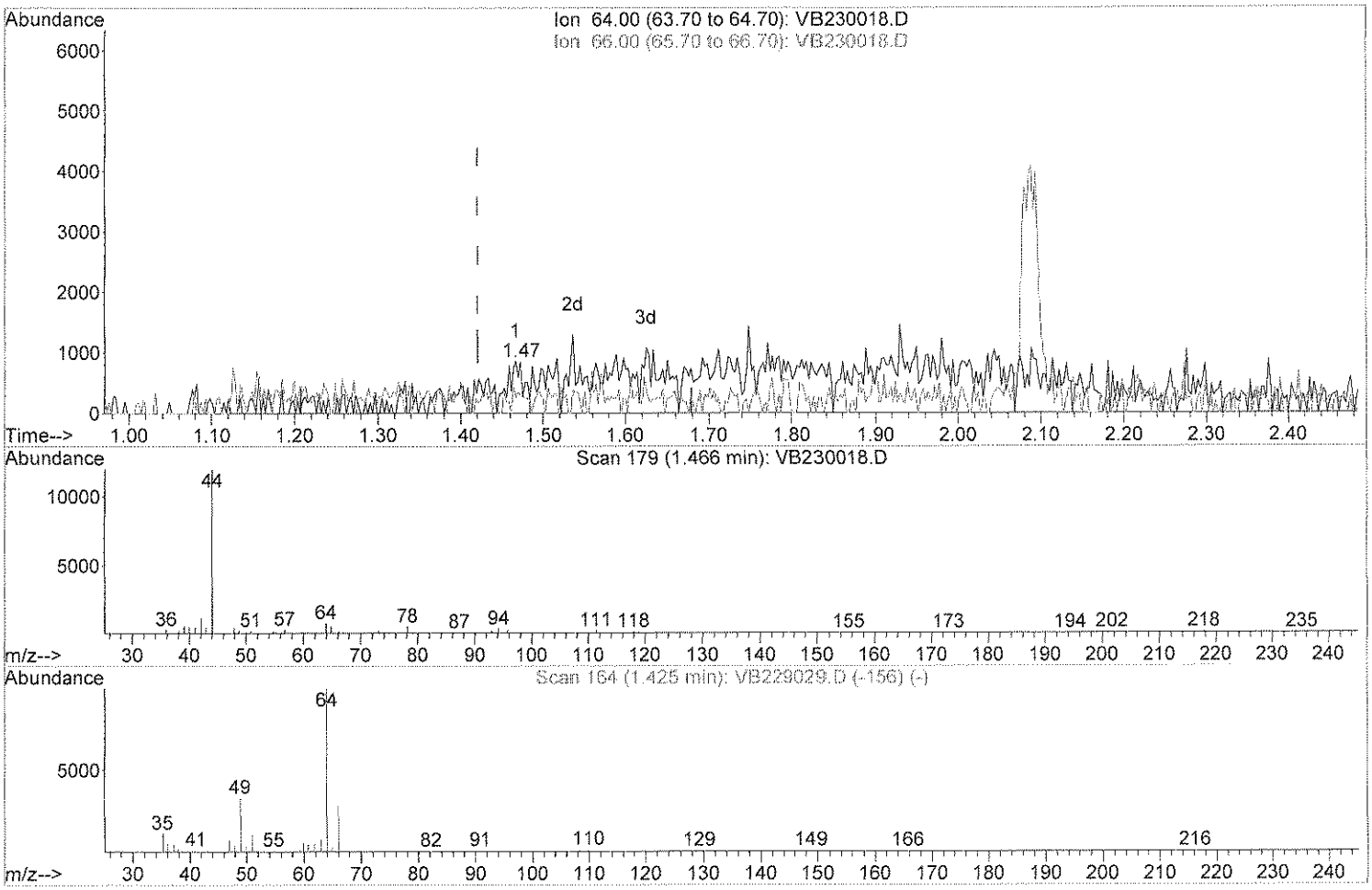
Tgt Ion:142 Resp: 298

Ion	Ratio	Lower	Upper
142	100		
127	35.9	34.5	51.7



Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230018.D
Acq On : 18 Aug 2011 8:01 pm
Operator : LBD/MFF
Sample : 11H0581-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 19 08:13:09 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230018.D

(8) CHLOROETHANE (T)

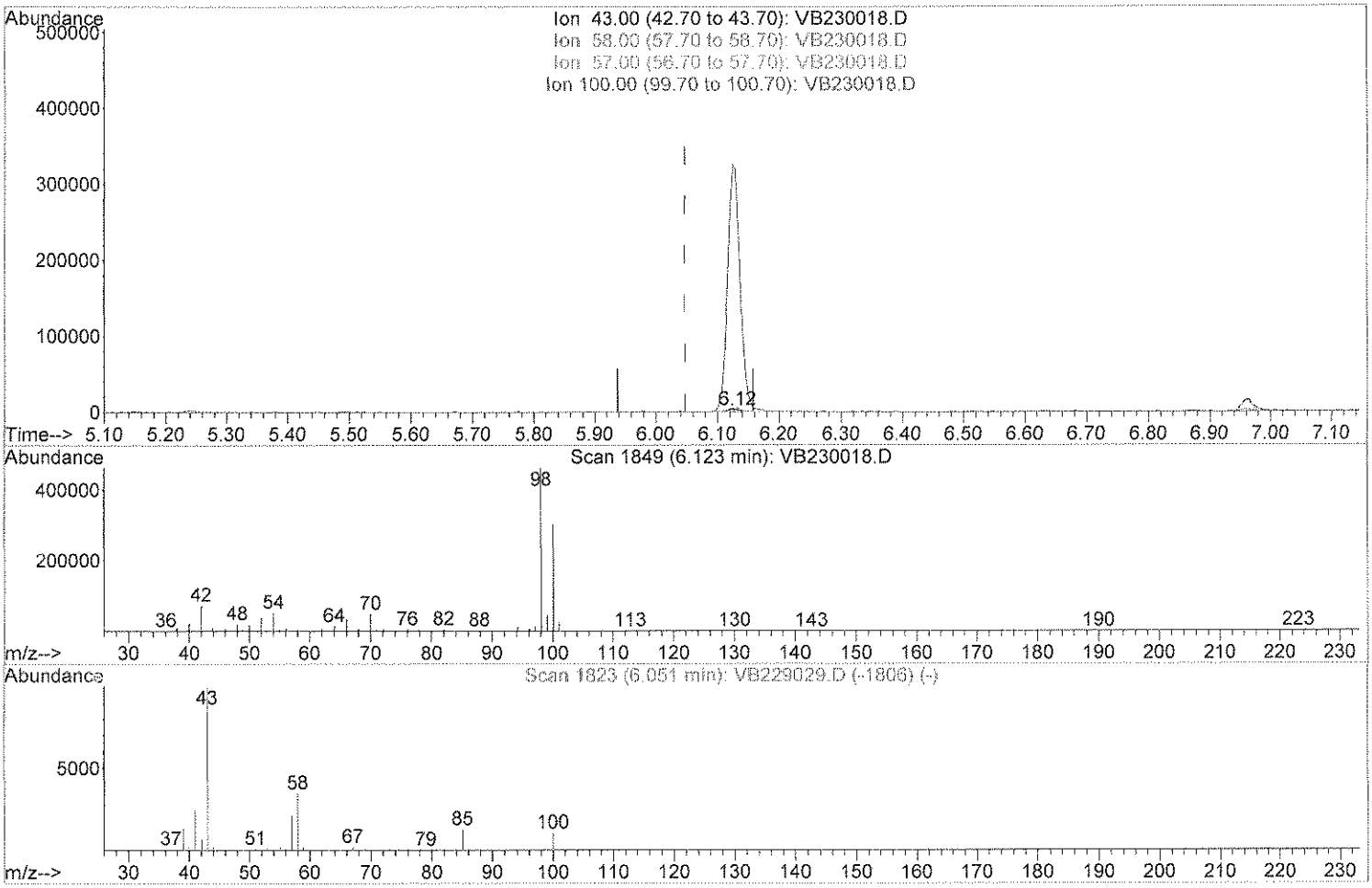
1.466min (+0.045) 0.30UG/L

response 1173

Ion	Exp%	Act%
64.00	100	100
66.00	30.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230018.D
Acq On : 18 Aug 2011 8:01 pm
Operator : LBD/MFF
Sample : 11H0581-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 19 08:13:09 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230018.D

(51) MIBK (T)

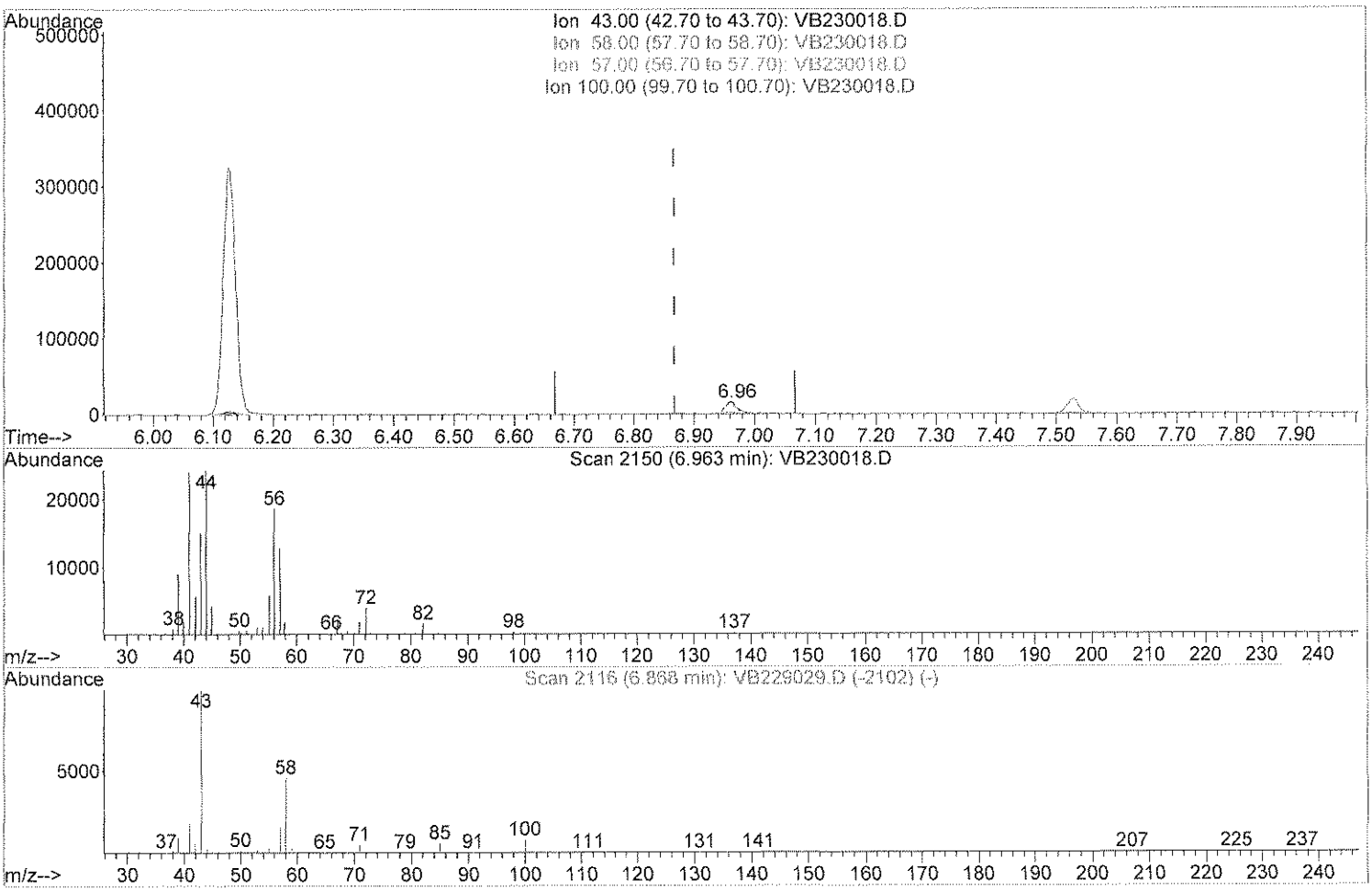
6.123min (+0.075) 0.45UG/L

response 4009

Ion	Exp%	Act%
43.00	100	100
58.00	36.40	174.11#
57.00	24.10	16.81#
100.00	11.00	11282.76#

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230018.D
Acq On : 18 Aug 2011 8:01 pm
Operator : LBD/MFF
Sample : 11H0581-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 19 08:13:09 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230018.D

(57) 2-HEXANONE

6.963min (+0.095) 3.39UG/L

response 20830

Ion	Exp%	Act%
43.00	100	100
58.00	49.40	16.19#
57.00	17.60	86.43#
100.00	8.20	0.00#

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0581

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.2102271	0.5	0.211121	1	0.221048	2	0.2119114	5	0.2380661	10	0.2497067
Ethyl Methacrylate	0.4	~~0.2551104~~	0.5	~~0.2254444~~	1	0.2849095	2	0.2613692	5	0.2976114	10	0.3086543
Acetone	4	0.1703746	5	0.1705382	10	0.1572997	20	0.1572232	50	0.149822	100	0.1409181
Acrolein	4	~~4.348111E-02~~	5	~~4.953914E-02~~	10	~~4.197301E-02~~	20	3.745779E-02	50	3.368109E-02	100	2.817292E-02
Acrylonitrile	0.4	~~0.2661531~~	0.5	0.2435496	1	0.2388074	2	0.1982862	5	0.2145496	10	0.1982211
tert-Amyl Methyl Ether (TAME)	0.4	0.8011257	0.5	0.8310912	1	0.8632485	2	0.8407993	5	0.9166451	10	0.9301367
Benzene	0.4	1.625584	0.5	1.637306	1	1.705881	2	1.552558	5	1.781403	10	1.742632
Bromobenzene	0.4	0.9274727	0.5	0.9849084	1	1.024673	2	0.9172579	5	1.031954	10	1.002419
Bromochloromethane	0.4	0.1629917	0.5	0.1944652	1	0.2142923	2	0.197479	5	0.2045497	10	0.2028017
Bromodichloromethane	0.4	0.2207805	0.5	0.2340739	1	0.2466344	2	0.2297233	5	0.2732985	10	0.2930255
Bromoform	0.4	0.113324	0.5	0.1486563	1	0.1535418	2	0.1429961	5	0.2092807	10	0.2268638
Bromomethane	0.4	~~0.4924748~~	0.5	~~0.5674799~~	1	~~0.3379911~~	2	0.2592921	5	0.2389135	10	0.2087505
2-Butanone (MEK)	4	0.2893352	5	0.2778284	10	0.2743642	20	0.2888333	50	0.2995837	100	0.2893391
tert-Butyl Alcohol (TBA)	4	3.676479E-02	5	3.350312E-02	10	3.488941E-02	20	3.532561E-02	50	3.352313E-02	100	3.211104E-02
n-Butylbenzene	0.4	1.151019	0.5	1.134136	1	1.407255	2	1.166735	5	1.530327	10	1.592783
sec-Butylbenzene	0.4	1.530658	0.5	1.601195	1	1.740158	2	1.513356	5	1.928759	10	2.006063
tert-Butylbenzene	0.4	1.263969	0.5	1.105262	1	1.304527	2	1.095063	5	1.353378	10	1.415095
tert-Butyl Ethyl Ether (TBEE)	0.4	1.306933	0.5	1.355372	1	1.399145	2	1.344889	5	1.425489	10	1.44966
Carbon Disulfide	4	0.4949247	5	0.5809347	10	0.6141262	20	0.5385037	50	0.7413829	100	0.7480977
Carbon Tetrachloride	0.4	~~0.3176504~~	0.5	~~0.3498768~~	1	~~0.3549733~~	2	~~0.2945707~~	5	0.3995948	10	0.4161063
Chlorobenzene	0.4	1.338602	0.5	1.421677	1	1.497706	2	1.273108	5	1.440661	10	1.472726
Chlorodibromomethane	0.4	~~0.1400949~~	0.5	~~0.1258738~~	1	0.1576157	2	0.1503594	5	0.1806091	10	0.1966916
Chloroethane	0.4	~~0~~	0.5	~~0.3457307~~	1	0.2568468	2	0.2421742	5	0.2487528	10	0.2314683
2-Chloroethyl Vinyl Ether	4	0.172143	5	0.1822059	10	0.1984052	20	0.2031337	50	0.2207366	100	0.2218046
Chloroform	0.4	0.6841317	0.5	0.7469657	1	0.7287789	2	0.6672653	5	0.7482263	10	0.7488102
Chloromethane	0.4	0.7292961	0.5	0.7117907	1	0.5983401	2	0.5202658	5	0.5536229	10	0.5225835

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0581

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	1.503621	0.5	1.334194	1	1.665288	2	1.437218	5	1.703953	10	1.700372
4-Chlorotoluene	0.4	1.47828	0.5	1.677669	1	1.839808	2	1.684837	5	1.932408	10	2.000891
Cyclohexane	0.4	~~2.428543~~	0.5	~~2.106885~~	1	~~1.391545~~	2	~~0.9236988~~	5	0.8564314	10	0.7758839
1,2-Dibromo-3-chloropropane (D	0.4	~~7.014582E-02~~	0.5	~~0~~	1	6.459963E-02	2	6.662958E-02	5	7.020005E-02	10	7.324151E-02
1,2-Dibromoethane (EDB)	0.4	0.1920009	0.5	0.2402971	1	0.2382668	2	0.2394413	5	0.2513497	10	0.2553604
Dibromomethane	0.4	0.1552042	0.5	0.1480283	1	0.1634564	2	0.1654971	5	0.1611737	10	0.1704744
1,2-Dichlorobenzene	0.4	1.08782	0.5	1.204308	1	1.200571	2	1.089978	5	1.160802	10	1.187219
1,3-Dichlorobenzene	0.4	1.121213	0.5	1.060463	1	1.231688	2	1.072462	5	1.222102	10	1.190258
1,4-Dichlorobenzene	0.4	1.339718	0.5	1.268706	1	1.310137	2	1.119751	5	1.238281	10	1.235913
trans-1,4-Dichloro-2-butene	0.4	0.1925899	0.5	0.216286	1	0.1979473	2	0.205311	5	0.2160442	10	0.2188405
Dichlorodifluoromethane (Freon	0.4	0.4434773	0.5	0.5072947	1	0.5174601	2	0.4277816	5	0.5056849	10	0.5029127
1,1-Dichloroethane	0.4	0.6019692	0.5	0.6574903	1	0.6599252	2	0.5833232	5	0.6473302	10	0.6242289
1,2-Dichloroethane	0.4	0.3936636	0.5	0.4516357	1	0.423719	2	0.4263887	5	0.4534348	10	0.44362
1,1-Dichloroethylene	0.4	0.5126405	0.5	0.5729635	1	0.538407	2	0.4650107	5	0.563422	10	0.5444883
cis-1,2-Dichloroethylene	0.4	0.7536281	0.5	0.7984575	1	0.8010026	2	0.6785652	5	0.7941161	10	0.7895596
trans-1,2-Dichloroethylene	0.4	0.5258065	0.5	0.5066259	1	0.4867337	2	0.4416374	5	0.5120972	10	0.5002225
Dichlorofluoromethane (Freon 2	0.4	0.5741373	0.5	0.6504018	1	0.6261591	2	0.5699383	5	0.6380398	10	0.6381557
1,2-Dichloropropane	0.4	0.2622025	0.5	0.2726575	1	0.3146514	2	0.2663113	5	0.3015848	10	0.3054484
1,3-Dichloropropane	0.4	0.3874965	0.5	0.4771921	1	0.4572719	2	0.43158	5	0.4412493	10	0.4458757
2,2-Dichloropropane	0.4	0.2971515	0.5	0.3279427	1	0.3403039	2	0.3153544	5	0.3852844	10	0.3896473
1,1-Dichloropropene	0.4	0.5618046	0.5	0.5150519	1	0.5229446	2	0.4722076	5	0.5392321	10	0.5380173
cis-1,3-Dichloropropene	0.4	0.1961123	0.5	0.2522455	1	0.2627894	2	0.2487025	5	0.2906684	10	0.3381146
trans-1,3-Dichloropropene	0.4	0.1599322	0.5	0.1743315	1	0.1827182	2	0.157648	5	0.2193638	10	0.249275
Diethyl Ether	0.4	0.3206503	0.5	0.3833131	1	0.318498	2	0.2908377	5	0.3131163	10	0.3061854
Difluorochloromethane (Freon 2	0.4	0.8416237	0.5	0.8928814	1	0.8424338	2	0.7520817	5	0.8688677	10	0.8428478
Diisopropyl Ether (DIPE)	0.4	1.546088	0.5	1.615104	1	1.578812	2	1.428562	5	1.546372	10	1.484659

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0581

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4	~~0~~	5	~~0~~	10	~~0~~	20	2.049507E-03	50	1.849806E-03	100	2.047064E-03
Ethyl Acetate	0.4	~~1.24177~~	0.5	~~1.02462~~	1	0.7494615	2	0.759346	5	0.7471553	10	0.6785217
Ethylbenzene	0.4	2.057874	0.5	2.192398	1	2.305658	2	2.018181	5	2.434429	10	2.471617
Hexachlorobutadiene	0.4	~~0.3921891~~	0.5	~~0.3837617~~	1	0.3095874	2	0.2202731	5	0.2597574	10	0.2717643
2-Hexanone (MBK)	4	0.1978802	5	0.2115543	10	0.2407564	20	0.2586718	50	0.2774552	100	0.2690553
Iodomethane	4	0.4706759	5	0.4783389	10	0.3244781	20	0.2456919	50	0.3330385	100	0.3721902
Isopropylbenzene (Cumene)	0.4	1.312247	0.5	1.517876	1	1.617046	2	1.372361	5	1.761217	10	1.823716
p-Isopropyltoluene (p-Cymene)	0.4	1.452892	0.5	1.349028	1	1.548813	2	1.29204	5	1.613308	10	1.643073
Methyl Acetate	0.4	1.060779	0.5	1.014322	1	0.8708475	2	0.9360076	5	0.910099	10	0.8383663
Methyl tert-Butyl Ether (MTBE)	0.4	0.9011206	0.5	1.038931	1	1.003863	2	0.9661743	5	0.9451054	10	0.9358013
Methyl Cyclohexane	0.4	0.256755	0.5	0.2683428	1	0.2760449	2	0.2330665	5	0.3051766	10	0.3040107
Methylene Chloride	0.4	~~1.955567~~	0.5	~~1.742296~~	1	~~1.12439~~	2	~~0.9063791~~	5	0.7213858	10	0.6647072
4-Methyl-2-pentanone (MIBK)	4	0.3097402	5	0.3196963	10	0.3591028	20	0.3856893	50	0.4042001	100	0.3890615
Naphthalene	0.4	1.647642	0.5	1.211833	1	1.173838	2	1.182469	5	1.233313	10	1.301157
n-Propylbenzene	0.4	2.053617	0.5	2.120894	1	2.451445	2	2.08931	5	2.574942	10	2.56671
Styrene	0.4	1.08641	0.5	1.15826	1	1.329308	2	1.238794	5	1.52129	10	1.62198
1,1,1,2-Tetrachloroethane	0.4	~~0.2933449~~	0.5	~~0.2766524~~	1	0.3540196	2	0.337156	5	0.4034648	10	0.4290846
1,1,2,2-Tetrachloroethane	0.4	0.6434532	0.5	0.6598338	1	0.6808572	2	0.6848482	5	0.6902832	10	0.6829321
Tetrachloroethylene	0.4	0.1899452	0.5	0.1504346	1	0.2103475	2	0.1828982	5	0.1997957	10	0.2029547
Tetrahydrofuran	0.4	0.254987	0.5	0.2225516	1	0.2154817	2	0.1610234	5	0.181404	10	0.1804407
Toluene	0.4	0.9814865	0.5	1.119754	1	1.1461	2	0.9622714	5	1.169741	10	1.157205
1,2,3-Trichlorobenzene	0.4	~~0.9269109~~	0.5	0.6179036	1	0.5345905	2	0.5205191	5	0.4963333	10	0.4833462
1,2,4-Trichlorobenzene	0.4	0.8404052	0.5	0.6252534	1	0.6289918	2	0.5295161	5	0.5973559	10	0.5886805
1,3,5-Trichlorobenzene	0.4	0.6526026	0.5	0.665502	1	0.6635268	2	0.6186163	5	0.7216117	10	0.7174527
1,1,1-Trichloroethane	0.4	0.4161454	0.5	0.4453708	1	0.4674388	2	0.4102937	5	0.5121239	10	0.533906
1,1,2-Trichloroethane	0.4	0.2388705	0.5	0.2411268	1	0.2650263	2	0.2456501	5	0.2508271	10	0.2584713

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0581

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.2369176	0.5	0.2603771	1	0.2675945	2	0.2256741	5	0.2805816	10	0.2679815
Trichlorofluoromethane (Freon 1	0.4	0.4653096	0.5	0.5234778	1	0.5213587	2	0.4306738	5	0.5314143	10	0.5224116
1,2,3-Trichloropropane	0.4	0.2079971	0.5	0.2385602	1	0.2020287	2	0.1980956	5	0.2139893	10	0.1960782
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.2741527	0.5	0.2922328	1	0.2874411	2	0.2279484	5	0.2785785	10	0.255647
1,2,4-Trimethylbenzene	0.4	1.483147	0.5	1.457525	1	1.724468	2	1.60815	5	1.956374	10	2.016749
1,3,5-Trimethylbenzene	0.4	1.470576	0.5	1.403115	1	1.573947	2	1.448615	5	1.793804	10	1.83513
Vinyl Acetate	4	0.84779	5	0.856797	10	0.907858	20	0.900043	50	0.9458791	100	0.9203397
Vinyl Chloride	0.4	0.3996462	0.5	0.4841568	1	0.4562054	2	0.3874921	5	0.4715621	10	0.4493205
m+p Xylene	0.8	1.509398	1	1.593657	2	1.815932	4	1.558014	10	1.898226	20	1.943868
o-Xylene	0.4	1.541733	0.5	1.582762	1	1.71051	2	1.588454	5	1.941841	10	1.993069
1,2-Dichloroethane-d4	25	0.6821811	25	0.6803874	25	0.6761303	25	0.6817655	25	0.6766767	25	0.6697888
Toluene-d8	25	1.15874	25	1.162689	25	1.160648	25	1.17373	25	1.161222	25	1.154519
4-Bromofluorobenzene	25	0.8952976	25	0.8818982	25	0.89737	25	0.9118431	25	0.9210972	25	0.9221101

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0581

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2625874	50	0.2984455	100	0.2959402	200	0.3001231				
Ethyl Methacrylate	20	0.3211755	50	0.3556713	100	0.3463547	200	0.3381154				
Acetone	200	0.1316773	500	0.1303286	1000	0.1245281	2000	0.1202131				
Acrolein	200	2.615286E-02	500	2.732081E-02	1000	3.049969E-02	2000	3.719652E-02				
Acrylonitrile	20	0.1851665	50	0.1852535	100	0.1788838	200	0.1714034				
tert-Amyl Methyl Ether (TAME)	20	0.93096	50	1.002042	100	0.9991055	200	1.018184				
Benzene	20	1.714781	50	1.707969	100	1.65363	200	1.572926				
Bromobenzene	20	1.014664	50	1.013843	100	0.9529609	200	0.9074788				
Bromochloromethane	20	0.1978022	50	0.1924981	100	0.1823228	200	0.1743462				
Bromodichloromethane	20	0.3153942	50	~~0.3410568~~	100	~~0.3408294~~	200	~~0.3366585~~				
Bromoform	20	0.2566536	50	0.3220343	100	0.340948	200	0.3672281				
Bromomethane	20	0.1745351	50	0.2141839	100	0.2342755	200	~~0.1638786~~				
2-Butanone (MEK)	200	0.2744413	500	0.2827802	1000	0.2706356	2000	0.2626105				
tert-Butyl Alcohol (TBA)	200	2.890768E-02	500	2.939306E-02	1000	2.922766E-02	2000	0.0303476				
n-Butylbenzene	20	1.609409	50	1.602663	100	1.574261	200	1.48978				
sec-Butylbenzene	20	2.045172	50	2.082879	100	2.057512	200	1.990541				
tert-Butylbenzene	20	1.475809	50	1.493913	100	1.483953	200	1.459663				
tert-Butyl Ethyl Ether (TBEE)	20	1.446075	50	1.515405	100	1.507847	200	1.514709				
Carbon Disulfide	200	0.7321862	500	0.735085	1000	0.6789226	2000	~~0.4929503~~				
Carbon Tetrachloride	20	0.4251924	50	0.4638234	100	0.4834938	200	0.482249				
Chlorobenzene	20	1.458008	50	1.449337	100	1.371906	200	1.313957				
Chlorodibromomethane	20	0.2156768	50	~~0.2478971~~	100	~~0.255385~~	200	~~0.2595625~~				
Chloroethane	20	0.2275168	50	0.2196425	100	0.2145301	200	0.1962674				
2-Chloroethyl Vinyl Ether	200	0.2092207	500	0.205713	1000	0.1800148	2000	0.1542224				
Chloroform	20	0.7193773	50	0.7307594	100	0.7114095	200	0.7015769				
Chloromethane	20	0.5010227	50	0.5307456	100	0.5580277	200	0.5900808				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0581

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	1.679115	50	1.70781	100	1.596642	200	1.532158				
4-Chlorotoluene	20	1.964774	50	1.937847	100	1.782427	200	1.652308				
Cyclohexane	20	0.7174411	50	0.7227917	100	0.7036515	200	0.6780238				
1,2-Dibromo-3-chloropropane (D	20	7.979016E-02	50	9.219555E-02	100	~~0.1023006~~	200	~~0.1105783~~				
1,2-Dibromoethane (EDB)	20	0.2542339	50	0.2663428	100	0.2571889	200	0.248813				
Dibromomethane	20	0.1688809	50	0.1695524	100	0.1625604	200	0.1567554				
1,2-Dichlorobenzene	20	1.185291	50	1.184851	100	1.1567	200	1.136702				
1,3-Dichlorobenzene	20	1.205168	50	1.213547	100	1.18589	200	1.177716				
1,4-Dichlorobenzene	20	1.234027	50	1.228587	100	1.20667	200	1.195956				
trans-1,4-Dichloro-2-butene	20	0.2313441	50	0.2549113	100	0.2572197	200	0.262114				
Dichlorodifluoromethane (Freon	20	0.4504703	50	0.51297	100	0.4949306	200	0.4534173				
1,1-Dichloroethane	20	0.6111535	50	0.6192891	100	0.602266	200	0.5947464				
1,2-Dichloroethane	20	0.4250768	50	0.4280604	100	0.4037605	200	0.3856371				
1,1-Dichloroethylene	20	0.5311849	50	0.5294	100	0.5161111	200	0.4913425				
cis-1,2-Dichloroethylene	20	0.7712627	50	0.7875754	100	0.7564107	200	0.7282414				
trans-1,2-Dichloroethylene	20	0.4806389	50	0.4814375	100	0.4681474	200	0.4453591				
Dichlorofluoromethane (Freon 2	20	0.61836	50	0.6233543	100	0.6004784	200	0.576922				
1,2-Dichloropropane	20	0.2927426	50	0.2938116	100	0.2857474	200	0.269297				
1,3-Dichloropropane	20	0.4325561	50	0.4393909	100	0.4163259	200	0.3908345				
2,2-Dichloropropane	20	0.3920108	50	0.4334015	100	0.4476947	200	0.4585414				
1,1-Dichloropropene	20	0.5388065	50	0.5414432	100	0.5159237	200	0.4920014				
cis-1,3-Dichloropropene	20	0.3543784	50	0.3933909	100	0.3849608	200	0.3796179				
trans-1,3-Dichloropropene	20	0.2787065	50	0.3320887	100	0.3381152	200	0.3400304				
Diethyl Ether	20	0.3060778	50	0.3063483	100	0.2976515	200	0.2945969				
Difluorochloromethane (Freon 2	20	0.781333	50	0.8378519	100	0.8052711	200	0.7597862				
Diisopropyl Ether (DIPE)	20	1.452866	50	1.428728	100	1.35022	200	1.260897				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0581

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	1.759554E-03	500	1.782913E-03	1000	1.964842E-03	2000	2.048037E-03				
Ethyl Acetate	20	0.6509449	50	0.6439889	100	0.6269405	200	0.6302609				
Ethylbenzene	20	2.455933	50	2.466575	100	2.304909	200	2.157991				
Hexachlorobutadiene	20	0.2670242	50	0.2748203	100	0.2718325	200	0.2746497				
2-Hexanone (MBK)	200	0.2587483	500	0.2669627	1000	0.2434783	2000	0.2174018				
Iodomethane	200	0.4061919	500	0.4422353	1000	0.4097691	2000	0.3711796				
Isopropylbenzene (Cumene)	20	1.850546	50	1.911407	100	1.822523	200	1.728952				
p-Isopropyltoluene (p-Cymene)	20	1.639804	50	1.66495	100	1.688712	200	1.656643				
Methyl Acetate	20	0.8211308	50	0.8001377	100	0.7706801	200	0.7780885				
Methyl tert-Butyl Ether (MTBE)	20	0.9080919	50	0.9173869	100	0.886271	200	0.8682667				
Methyl Cyclohexane	20	0.3018838	50	0.3088303	100	0.298789	200	0.2795861				
Methylene Chloride	20	0.6197319	50	0.6001059	100	0.575518	200	0.5594541				
4-Methyl-2-pentanone (MIBK)	200	0.368483	500	0.3714791	1000	0.3330972	2000	0.2851094				
Naphthalene	20	1.315812	50	1.374166	100	1.396314	200	1.378191				
n-Propylbenzene	20	2.577111	50	2.605656	100	2.458387	200	2.318419				
Styrene	20	1.585706	50	1.599896	100	1.477603	200	1.378282				
1,1,1,2-Tetrachloroethane	20	0.4510269	50	0.4800175	100	0.4731989	200	0.4684639				
1,1,2,2-Tetrachloroethane	20	0.6614561	50	0.6686806	100	0.627021	200	0.6117959				
Tetrachloroethylene	20	0.1947515	50	0.1964247	100	0.1906315	200	0.185103				
Tetrahydrofuran	20	0.176773	50	0.1798427	100	0.1844263	200	0.1847629				
Toluene	20	1.133644	50	1.13601	100	1.072158	200	0.9980998				
1,2,3-Trichlorobenzene	20	0.4818702	50	0.4863109	100	0.4888358	200	0.4876054				
1,2,4-Trichlorobenzene	20	0.6126786	50	0.6379137	100	0.6441814	200	0.6410372				
1,3,5-Trichlorobenzene	20	0.7218999	50	0.7414364	100	0.750152	200	0.7383385				
1,1,1-Trichloroethane	20	0.5342368	50	0.577294	100	0.5938339	200	0.5940047				
1,1,2-Trichloroethane	20	0.2545743	50	0.2531562	100	0.2381496	200	0.2273803				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0581

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100023 Instrument: GCMSVOA2

Calibration Date: 7/27/2011 3:03:18PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.2660582	50	0.2655872	100	0.2540171	200	0.2403026				
Trichlorofluoromethane (Freon 1	20	0.4952724	50	0.5058649	100	0.4920845	200	0.4729266				
1,2,3-Trichloropropane	20	0.1969118	50	0.1924579	100	0.1844501	200	0.1773852				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2618173	50	0.2565806	100	0.2456918	200	0.233132				
1,2,4-Trimethylbenzene	20	2.042389	50	2.023024	100	1.974542	200	1.903207				
1,3,5-Trimethylbenzene	20	1.845259	50	1.82539	100	1.691396	200	1.582616				
Vinyl Acetate	200	0.9053903	500	0.9193748	1000	0.8567755	2000	~~0.6690714~~				
Vinyl Chloride	20	0.4416616	50	0.4549272	100	0.4372358	200	0.4140285				
m+p Xylene	40	1.924166	100	1.887694	200	1.731908	400	1.5749				
o-Xylene	20	2.00679	50	2.033107	100	1.879066	200	1.757182				
1,2-Dichloroethane-d4	25	0.6602854	25	0.6507376	25	0.6652627	25	0.6754365				
Toluene-d8	25	1.153196	25	1.151335	25	1.157492	25	1.15095				
4-Bromofluorobenzene	25	0.9303739	25	0.9313767	25	0.9350694	25	0.9513614				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2499176	15.00308			15	*
Ethyl Methacrylate	0.3142327	10.29752			15	
Acetone	0.1452923	12.69528			15	
Acrolein	3.149738E-02	14.82532			15	
Acrylonitrile	0.201569	12.7686			15	
tert-Amyl Methyl Ether (TAME)	0.9133338	8.476879			15	
Benzene	1.669467	4.417185			15	
Bromobenzene	0.9777632	4.845872			15	
Bromochloromethane	0.1923549	7.915903			15	
Bromodichloromethane	0.25899	13.77315			15	
Bromoform	0.2281527	39.84363	0.9981565		0.995	
Bromomethane	0.2216584	13.25523			15	
2-Butanone (MEK)	0.2809751	3.919632			15	
tert-Butyl Alcohol (TBA)	3.239931E-02	8.722839			15	
n-Butylbenzene	1.425837	13.98719			15	
sec-Butylbenzene	1.849629	12.42019			15	
tert-Butylbenzene	1.345063	11.21702			15	
tert-Butyl Ethyl Ether (TBEE)	1.426552	5.224191			15	
Carbon Disulfide	0.6515737	14.89168			15	
Carbon Tetrachloride	0.4450766	8.10866			15	
Chlorobenzene	1.403769	5.345667			15	
Chlorodibromomethane	0.1801905	15.02328			15	*
Chloroethane	0.2296499	8.571683			15	
2-Chloroethyl Vinyl Ether	0.19476	11.28627			15	
Chloroform	0.7187301	3.883521			15	
Chloromethane	0.5815776	13.65718			15	
2-Chlorotoluene	1.586037	8.197326			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	1.795125	9.454451			15	
Cyclohexane	0.7423706	8.683415			15	
1,2-Dibromo-3-chloropropane (DBCP)	7.444275E-02	13.71408			15	
1,2-Dibromoethane (EDB)	0.2443295	8.359253			15	
Dibromomethane	0.1621583	4.409711			15	
1,2-Dichlorobenzene	1.159424	3.6673			15	
1,3-Dichlorobenzene	1.168051	5.279809			15	
1,4-Dichlorobenzene	1.237775	4.916749			15	
trans-1,4-Dichloro-2-butene	0.2252608	11.18551			15	
Dichlorodifluoromethane (Freon 12)	0.48164	7.008602			15	
1,1-Dichloroethane	0.6201722	4.321779			15	
1,2-Dichloroethane	0.4234997	5.47449			15	
1,1-Dichloroethylene	0.5264971	6.11696			15	
cis-1,2-Dichloroethylene	0.7658819	5.044296			15	
trans-1,2-Dichloroethylene	0.4848706	5.697738			15	
Dichlorofluoromethane (Freon 21)	0.6115947	4.80457			15	
1,2-Dichloropropane	0.2864455	6.328546			15	
1,3-Dichloropropane	0.4319773	6.426007			15	
2,2-Dichloropropane	0.3787333	15.0347			15	*
1,1-Dichloropropene	0.5237433	5.02479			15	
cis-1,3-Dichloropropene	0.3100981	22.25012	0.9997853		0.995	
trans-1,3-Dichloropropene	0.2432209	30.89112	0.9997096		0.995	
Diethyl Ether	0.3137275	8.387252			15	
Difluorochloromethane (Freon 22)	0.8224978	5.644703			15	
Diisopropyl Ether (DIPE)	1.469231	7.404362			15	
1,4-Dioxane	1.928818E-03	6.701222			15	
Ethyl Acetate	0.6858275	8.319947			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	2.286557	7.541548			15	
Hexachlorobutadiene	0.2687136	9.10668			15	
2-Hexanone (MBK)	0.2441964	11.09344			15	
Iodomethane	0.3853789	18.65452	0.9963051		0.995	
Isopropylbenzene (Cumene)	1.671789	12.48444			15	
p-Isopropyltoluene (p-Cymene)	1.554926	9.112315			15	
Methyl Acetate	0.8800459	11.28473			15	
Methyl tert-Butyl Ether (MTBE)	0.9371012	5.689543			15	
Methyl Cyclohexane	0.2832486	8.855729			15	
Methylene Chloride	0.6234838	9.688688			15	
4-Methyl-2-pentanone (MIBK)	0.3525659	11.02284			15	
Naphthalene	1.321474	10.68206			15	
n-Propylbenzene	2.381649	9.239553			15	
Styrene	1.399753	13.73552			15	
1,1,1,2-Tetrachloroethane	0.424554	12.94719			15	
1,1,2,2-Tetrachloroethane	0.6611161	3.984584			15	
Tetrachloroethylene	0.1903287	8.545493			15	
Tetrahydrofuran	0.1941693	14.46523			15	
Toluene	1.087647	7.234812			15	
1,2,3-Trichlorobenzene	0.5108128	8.631423			15	
1,2,4-Trichlorobenzene	0.6346014	12.61047			15	
1,3,5-Trichlorobenzene	0.6991139	6.456237			15	
1,1,1-Trichloroethane	0.5084648	13.82793			15	
1,1,2-Trichloroethane	0.2473233	4.532725			15	
Trichloroethylene	0.2565092	6.659259			15	
Trichlorofluoromethane (Freon 11)	0.4960794	6.446629			15	
1,2,3-Trichloropropane	0.2007954	8.436964			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100023	Instrument:	GCMSVOA2
		Calibration Date:	7/27/2011 3:03:18PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2613222	8.372019			15	
1,2,4-Trimethylbenzene	1.818957	12.6651			15	
1,3,5-Trimethylbenzene	1.646985	10.50653			15	
Vinyl Acetate	0.8955831	3.800918			15	
Vinyl Chloride	0.4396236	7.026292			15	
m+p Xylene	1.743776	9.802917			15	
o-Xylene	1.803451	10.60349			15	
1,2-Dichloroethane-d4	0.6718652	1.536864			15	
Toluene-d8	1.158452	0.5860354			15	
4-Bromofluorobenzene	0.9177798	2.309819			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S000873	Instrument:	GCMSVOA2
Calibration:	1100023		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1107153	0.4ppb 8260 Calibration Standard	S000873-CAL1	Copy of VB168009.D	06/17/11 10:00
1107154	0.5ppb 8260 Calibration Standard	S000873-CAL2	Copy of VB168010.D	06/17/11 10:32
1107155	1ppb 8260 Calibration Standard	S000873-CAL3	Copy of VB168011.D	06/17/11 11:04
1107156	2ppb 8260 Calibration Standard	S000873-CAL4	Copy of VB168012.D	06/17/11 11:36
1107157	5ppb 8260 Calibration Standard	S000873-CAL5	Copy of VB168013.D	06/17/11 12:08
1107158	10ppb 8260 Calibration Standard	S000873-CAL6	Copy of VB168014.D	06/17/11 12:39
1107159	20ppb 8260 Calibration Standard	S000873-CAL7	Copy of VB168015.D	06/17/11 13:11
1107160	50ppb 8260 Calibration Standard	S000873-CAL8	Copy of VB168016.D	06/17/11 13:42
1107161	100ppb 8260 Calibration Standard	S000873-CAL9	Copy of VB168017.D	06/17/11 14:14
1107186	200ppb 8260 Calibration Standard	S000873-CALA	Copy of VB168018.D	06/17/11 14:45

Response Factor Report GCMSVOA2

Method Path : W:\1\METHODS\
Method File : B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Mon Jun 20 12:36:24 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VB168009.D 0.5 =VB168010.D 1.0 =VB168011.D 2.0 =VB168012.D 5.0 =VB168013.D 10 =VB168014.D 20 =VB168018.D
50 =VB168016.D 100 =VB168017.D 200 =VB168018.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)	I	PENTAFLUOROBENZENE...	ISTD											
2)	S	1,2-DICHLOROET...	0.682	0.680	0.676	0.682	0.677	0.670	0.660	0.651	0.665	0.675	0.672	1.54
3)	T	DICHLORODIFLOU...	0.443	0.507	0.517	0.428	0.506	0.503	0.450	0.513	0.495	0.453	0.482	7.01
4)		DIFLUOROCHLORO...	0.842	0.893	0.842	0.752	0.869	0.843	0.781	0.838	0.805	0.760	0.822	5.64
5)	P	CHLOROMETHANE	0.729	0.712	0.598	0.520	0.554	0.523	0.501	0.531	0.558	0.590	0.582	13.66
6)	C	VINYL CHLORIDE	0.400	0.484	0.456	0.387	0.472	0.449	0.442	0.455	0.437	0.414	0.440	7.03#
7)	T	BROMOMETHANE				0.259	0.239	0.209	0.175	0.214	0.234		0.222	13.26
8)	T	CHLOROETHANE			0.257	0.242	0.249	0.231	0.228	0.220	0.215	0.196	0.230	8.57
9)		FLUORODICHLORO...	0.574	0.650	0.626	0.570	0.638	0.638	0.618	0.623	0.600	0.577	0.612	4.80
10)	T	TRICHLOROFLUOR...	0.465	0.523	0.521	0.431	0.531	0.522	0.495	0.506	0.492	0.473	0.496	6.45
11)	T	DI ETHYL ETHER	0.321	0.383	0.318	0.291	0.313	0.306	0.306	0.306	0.298	0.295	0.314	8.39
12)		ACROLEIN				0.037	0.034	0.028	0.026	0.027	0.030	0.037	0.031#	14.83
13)	T	ACETONE	0.170	0.171	0.157	0.157	0.150	0.141	0.132	0.130	0.125	0.120	0.145	12.70
14)	C	1,1-DICHLOROET...	0.513	0.573	0.538	0.465	0.563	0.544	0.531	0.529	0.516	0.491	0.526	6.12#
15)		1,1,2-TRICL-1,...	0.274	0.292	0.287	0.228	0.279	0.256	0.262	0.257	0.246	0.233	0.261	8.37
16)		IODOMETHANE	0.471	0.478	0.324	0.246	0.333	0.372	0.406	0.442	0.410	0.371	0.385	18.65
17)		METHYL ACETATE	1.061	1.014	0.876	0.936	0.910	0.838	0.821	0.800	0.771	0.778	0.881	11.27
18)		T-BUTYL ALCOHOL	0.037	0.034	0.035	0.035	0.034	0.032	0.029	0.029	0.029	0.030	0.032#	8.72
19)		ACRYLONITRILE		0.244	0.239	0.198	0.215	0.198	0.185	0.185	0.179	0.171	0.202	12.77
20)	T	METHYLENE CHLO...					0.721	0.665	0.620	0.600	0.576	0.559	0.623	9.69
21)		CARBON DISULFIDE	0.495	0.581	0.614	0.539	0.741	0.748	0.732	0.735	0.679		0.652	14.89
22)	T	METHYL TERT-BU...	0.901	1.039	1.004	0.966	0.945	0.936	0.908	0.917	0.886	0.868	0.937	5.69
23)	T	TRANS 1,2-DICH...	0.526	0.507	0.487	0.442	0.512	0.500	0.481	0.481	0.468	0.445	0.485	5.70
24)	P	1,1-DICHLOROET...	0.602	0.657	0.660	0.583	0.647	0.624	0.611	0.619	0.602	0.595	0.620	4.32
25)		VINYL ACETATE	0.848	0.857	0.908	0.900	0.946	0.920	0.905	0.919	0.857		0.896	3.80
26)		DI ISOPROPYL E...	1.546	1.615	1.579	1.429	1.546	1.485	1.453	1.429	1.350	1.261	1.469	7.40
27)	T	2-BUTANONE	0.289	0.278	0.274	0.289	0.300	0.289	0.274	0.283	0.271	0.263	0.281	3.92
28)		T-BUTYL ETHYL ...	1.307	1.355	1.399	1.345	1.425	1.450	1.446	1.515	1.508	1.515	1.427	5.22
29)	T	CIS-1,2-DICHLO...	0.754	0.798	0.801	0.679	0.794	0.790	0.771	0.788	0.756	0.728	0.766	5.04
30)		2,2-DICHLOROPR...	0.297	0.328	0.340	0.315	0.385	0.390	0.392	0.433	0.448	0.459	0.379	15.03
31)		ETHYL ACETATE			0.749	0.759	0.747	0.679	0.651	0.644	0.627	0.630	0.686	8.32
32)		BROMOCHLOROMET...	0.163	0.194	0.214	0.197	0.205	0.203	0.198	0.192	0.182	0.174	0.192	7.92
33)	T	TETRAHYDROFURAN	0.255	0.223	0.215	0.161	0.181	0.180	0.177	0.180	0.184	0.185	0.194	14.47
34)	C	CHLOROFORM	0.684	0.747	0.729	0.667	0.748	0.749	0.719	0.731	0.711	0.702	0.719	3.88#
35)	T	1,1,1-TRICHLOR...	0.416	0.445	0.467	0.410	0.512	0.534	0.534	0.577	0.594	0.594	0.508	13.83
36)		CYCLOHEXANE					0.856	0.776	0.717	0.723	0.704	0.678	0.742	8.68
37)	T	CARBON TETRACH...					0.400	0.416	0.425	0.464	0.483	0.482	0.445	8.11
38)		1,1-DICHLOROPR...	0.562	0.515	0.523	0.472	0.539	0.538	0.539	0.541	0.516	0.492	0.524	5.02
39)	T	BENZENE	1.626	1.637	1.706	1.553	1.781	1.743	1.715	1.708	1.654	1.573	1.669	4.42
40)		T-AMYLMETHYL E...	0.801	0.831	0.863	0.841	0.917	0.930	0.931	1.002	0.999	1.018	0.913	8.48
41)	I	1,4-DIFLOUROBENZEN...	ISTD											
42)	S	TOLUENE-D8 SS	1.159	1.163	1.161	1.174	1.161	1.155	1.153	1.151	1.157	1.151	1.158	0.59

Method Path : W:\1\METHODS\
Method File : B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973

43)	T	1,2-DICHLOROET...	0.394	0.452	0.424	0.426	0.453	0.444	0.425	0.428	0.404	0.386	0.423	5.47
44)	T	TRICHLOROETHENE	0.237	0.260	0.268	0.226	0.281	0.268	0.266	0.266	0.254	0.240	0.257	6.66
45)		METHYLCYCLOHEXANE	0.257	0.268	0.276	0.233	0.305	0.304	0.302	0.309	0.299	0.280	0.283	8.86
46)	C	1,2-DICHLOROPR...	0.262	0.273	0.315	0.266	0.302	0.305	0.293	0.294	0.286	0.269	0.286	6.33#
47)	T	DIBROMOMETHANE	0.155	0.148	0.163	0.165	0.161	0.170	0.169	0.170	0.163	0.157	0.162	4.41
48)		1,4-DIOXANE				0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	6.70
49)	T	BROMODICHLOROM...	0.221	0.234	0.247	0.230	0.273	0.293	0.315				0.259	13.77
50)		2-CHLOROETHYLV...	0.172	0.182	0.198	0.203	0.221	0.222	0.209	0.206	0.180	0.154	0.195	11.29
51)	T	MIBK	0.310	0.320	0.359	0.386	0.404	0.389	0.368	0.371	0.333	0.285	0.353	11.02
52)	T	CIS-1,3-DICHLO...	0.196	0.252	0.263	0.249	0.291	0.338	0.354	0.393	0.385	0.380	0.310	22.25
53)	C	TOLUENE	0.981	1.120	1.146	0.962	1.170	1.157	1.134	1.136	1.072	0.998	1.088	7.23#
54)	T	TRANS-1,3,-DIC...	0.160	0.174	0.183	0.158	0.219	0.249	0.279	0.332	0.338	0.340	0.243	30.89
55)		ETHYL METHACRY...			0.285	0.261	0.298	0.309	0.321	0.356	0.346	0.338	0.314	10.30
56)	T	1,1,2-TRICHLOR...	0.239	0.241	0.265	0.246	0.251	0.258	0.255	0.253	0.238	0.227	0.247	4.53
57)		2-HEXANONE	0.198	0.212	0.241	0.259	0.277	0.269	0.259	0.267	0.243	0.217	0.244	11.09
58)	T	TETRACHLOROETHENE	0.190	0.150	0.210	0.183	0.200	0.203	0.195	0.196	0.191	0.185	0.190	8.55
59)		1,3-DICHLOROPR...	0.387	0.477	0.457	0.432	0.441	0.446	0.433	0.439	0.416	0.391	0.432	6.43
60)	T	DIBROMOCHLOROM...			0.158	0.150	0.181	0.197	0.216				0.180	15.02
61)	T	1,2-DIBROMOETHANE	0.192	0.240	0.238	0.239	0.251	0.255	0.254	0.266	0.257	0.249	0.244	8.36
62)	I	CHLOROBENZENE-D5 ISTD	----------	----------	ISTD	----------	----------							
63)	S	4-BROMOFLUROBE...	0.895	0.882	0.897	0.912	0.921	0.922	0.930	0.931	0.935	0.951	0.918	2.31
64)	P	CHLOROBENZENE	1.339	1.422	1.498	1.273	1.441	1.473	1.458	1.449	1.372	1.314	1.404	5.35
65)	T	1,1,1,2-TETRAC...			0.354	0.337	0.403	0.429	0.451	0.480	0.473	0.468	0.425	12.95
66)	C	ETHYLBENZENE	2.058	2.192	2.306	2.018	2.434	2.472	2.456	2.467	2.305	2.158	2.287	7.54#
67)	T	M/P-XYLENES	1.509	1.594	1.816	1.558	1.898	1.944	1.924	1.888	1.732	1.575	1.744	9.80
68)	T	0-XYLENE	1.542	1.583	1.711	1.588	1.942	1.993	2.007	2.033	1.879	1.757	1.803	10.60
69)	T	STYRENE	1.086	1.158	1.329	1.239	1.521	1.622	1.586	1.600	1.478	1.378	1.400	13.74
70)	P	BROMOFORM	0.113	0.153	0.158	0.143	0.209	0.227	0.257	0.322	0.341	0.367	0.229	39.33
71)	T	ISOPROPYLBENZENE	1.312	1.518	1.617	1.372	1.761	1.824	1.851	1.911	1.823	1.729	1.672	12.48
72)		CIS-1,4-DICHLO...	0.210	0.211	0.221	0.212	0.238	0.250	0.263	0.298	0.296	0.300	0.250	15.00
73)	P	1,1,2,2-TETRAC...	0.643	0.660	0.681	0.685	0.690	0.683	0.661	0.669	0.627	0.612	0.661	3.98
74)		1,4-DICHLORO-2...	0.193	0.216	0.198	0.205	0.216	0.219	0.231	0.255	0.257	0.262	0.225	11.19
75)		BROMOBENZENE	0.927	0.985	1.025	0.917	1.032	1.002	1.015	1.014	0.953	0.907	0.978	4.85
76)	T	1,2,3-TRICHLOR...	0.208	0.239	0.202	0.198	0.214	0.196	0.197	0.192	0.184	0.177	0.201	8.44
77)	T	N-PROPYLBENZENE	2.054	2.121	2.451	2.089	2.575	2.567	2.577	2.606	2.458	2.318	2.382	9.24
78)	T	2-CHLOROT0LUENE	1.504	1.334	1.665	1.437	1.704	1.700	1.679	1.708	1.597	1.532	1.586	8.20
79)	T	1,3,5-TRIMETHY...	1.471	1.403	1.574	1.449	1.794	1.835	1.845	1.825	1.691	1.583	1.647	10.51
80)		4-CHLOROTOLUENE	1.478	1.678	1.840	1.685	1.932	2.001	1.965	1.938	1.782	1.652	1.795	9.45
81)	I	1,4-DICHLOROBENZEN...	----------	----------	ISTD	----------	----------							
82)	T	TERT-BUTYLBENZENE	1.264	1.105	1.305	1.095	1.353	1.415	1.476	1.494	1.484	1.460	1.345	11.22
83)	T	1,2,4-TRIMETHY...	1.483	1.458	1.724	1.608	1.956	2.017	2.042	2.023	1.975	1.903	1.819	12.67
84)		SEC-BUTYLBENZENE	1.531	1.601	1.740	1.513	1.929	2.006	2.045	2.083	2.058	1.991	1.850	12.42
85)	T	1,3-DICHLOROBE...	1.121	1.060	1.232	1.072	1.222	1.190	1.205	1.214	1.186	1.178	1.168	5.28
86)	T	P-ISOPROPYLTOL...	1.453	1.349	1.549	1.292	1.613	1.643	1.640	1.665	1.689	1.657	1.555	9.11
87)	T	1,4-DICHLOROBE...	1.340	1.269	1.310	1.120	1.238	1.236	1.234	1.229	1.207	1.196	1.238	4.92
88)	T	N-BUTYLBENZENE	1.151	1.134	1.407	1.167	1.530	1.593	1.609	1.603	1.574	1.490	1.426	13.99
89)	T	1,2-DICHLOROBE...	1.088	1.204	1.201	1.090	1.161	1.187	1.185	1.185	1.157	1.137	1.159	3.67
90)		1,2-DIBROMO-3-...			0.065	0.067	0.070	0.073	0.080	0.092			0.074	13.71
91)		1,3,5-TRICHLOR...	0.653	0.666	0.664	0.619	0.722	0.717	0.722	0.741	0.750	0.738	0.699	6.46
92)	T	1,2,4-TRICHLOR...	0.840	0.625	0.629	0.530	0.597	0.589	0.613	0.638	0.644	0.641	0.635	12.61
93)	T	HEXACHLOROBUTA...			0.310	0.220	0.260	0.272	0.267	0.275	0.272	0.275	0.269	9.11

Method Path : W:\1\METHODS\
Method File : B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973

94)	T	NAPHTHALENE	1.648	1.212	1.174	1.182	1.233	1.301	1.316	1.374	1.396	1.378	1.321	10.68
95)		1,2,3-TRICHLOR...	0.618	0.535	0.521	0.496	0.483	0.482	0.486	0.489	0.488	0.511		8.63

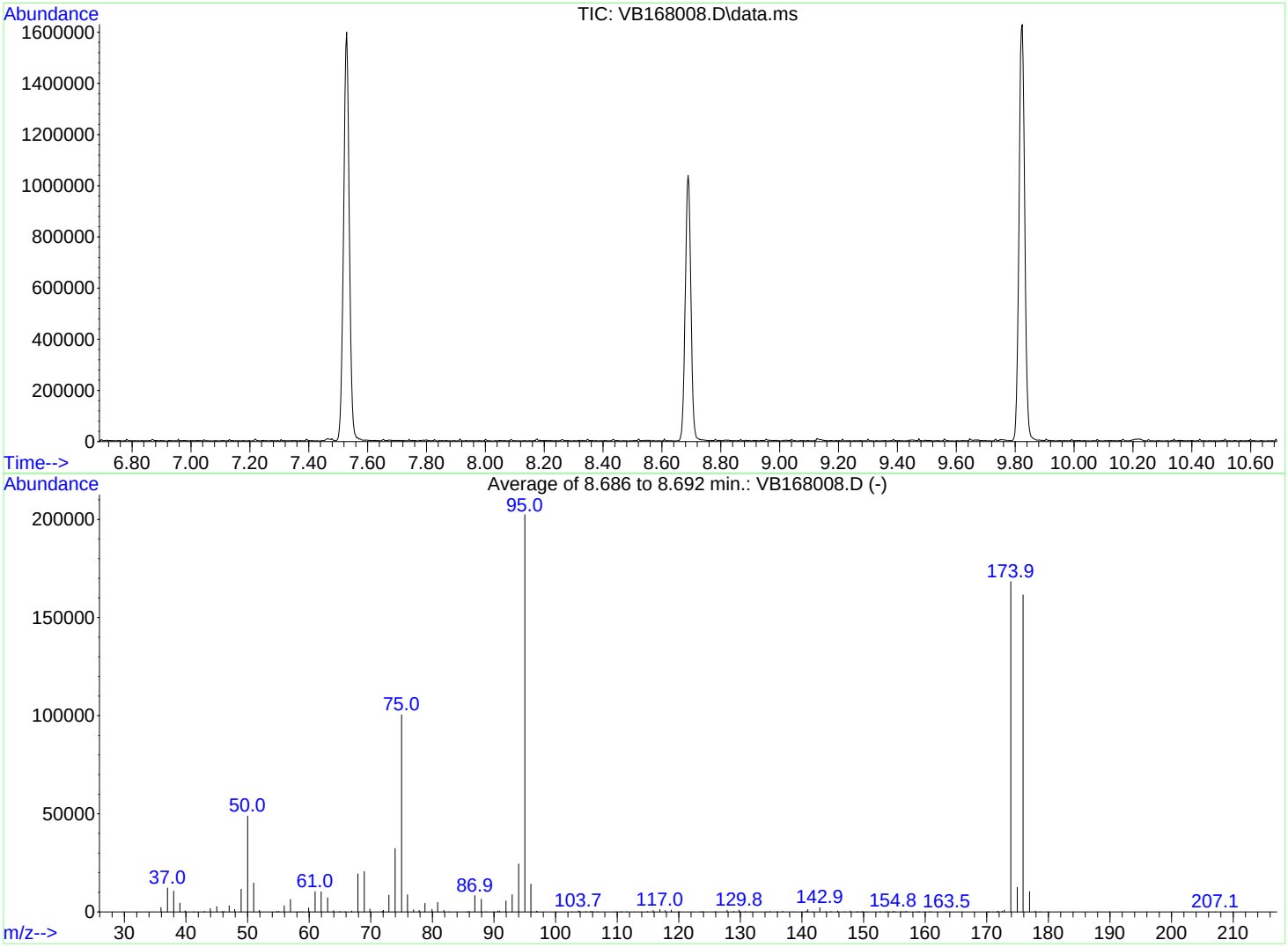
(#) = Out of Range

BFB

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168008.D
Acq On : 17 Jun 2011 9:29 am
Operator : LBD/MFF
Sample : BFB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\1\METHODS\B0617W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Mon Jun 20 12:36:24 2011



Spectrum Information: Average of 8.686 to 8.692 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	48856	PASS
75	95	30	60	49.6	100464	PASS
95	95	100	100	100.0	202410	PASS
96	95	5	9	7.0	14216	PASS
173	174	0.00	2	0.6	962	PASS
174	95	50	100	83.2	168362	PASS
175	174	5	9	7.5	12556	PASS
176	174	95	101	96.0	161557	PASS
177	176	5	9	6.4	10349	PASS

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168009.D
Acq On : 17 Jun 2011 10:00 am
Operator : LBD/MFF
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 20 12:10:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	450023	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	729684	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	369957	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	334660	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	255831	25.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%				
42) TOLUENE-D8 SS	6.129	98	704595	24.99	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	276018	23.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.00%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	2661	0.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.048	51	5050	0.44	UG/L	#	89
5) CHLOROMETHANE	1.135	50	4376	0.35	UG/L		92
6) VINYL CHLORIDE	1.193	62	2398	0.36	UG/L	#	59
7) BROMOMETHANE	1.374	94	2955	0.96	UG/L		93
9) FLUORODICHLOROMETHANE	1.536	67	3445	0.39	UG/L	#	82
10) TRICHLOROFLUOROMETHANE	1.572	101	2792	0.43	UG/L		95
11) DI ETHYL ETHER	1.742	59	1924	0.40	UG/L	#	60
12) ACROLEIN	1.829	56	2609	3.89	UG/L	#	66
13) ACETONE	1.929	43	10223	5.11	UG/L	#	74
14) 1,1-DICHLOROETHENE	1.893	61	3076	0.40	UG/L		90
15) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	1645	0.48	UG/L		93
16) IODOMETHANE	1.999	142	28242	4.46	UG/L	#	83
17) METHYL ACETATE	2.158	43	6365	0.45	UG/L	#	69
18) T-BUTYL ALCOHOL	2.336	59	2206m	3.46	UG/L		
19) ACRYLONITRILE	2.428	53	1597m	0.54	UG/L		
20) METHYLENE CHLORIDE	2.230	49	11734	1.24	UG/L	#	70
21) CARBON DISULFIDE	2.044	76	29697	2.63	UG/L	#	82
22) METHYL TERT-BUTYL ETHE...	2.459	73	5407	0.35	UG/L	#	70
23) TRANS 1,2-DICHLOROETHENE	2.451	61	3155	0.44	UG/L	#	77
24) 1,1-DICHLOROETHANE	2.822	63	3612	0.35	UG/L	#	88
25) VINYL ACETATE	2.889	43	50870	4.34	UG/L	#	77
26) DI ISOPROPYL ETHER	2.900	45	9277	0.38	UG/L	#	57
27) 2-BUTANONE	3.452	43	17361	4.26	UG/L	#	84
28) T-BUTYL ETHYL ETHER	3.282	59	7842	0.30	UG/L	#	82
29) CIS-1,2-DICHLOROETHENE	3.413	61	4522	0.39	UG/L	#	67
30) 2,2-DICHLOROPROPANE	3.404	77	1783	0.23	UG/L	#	46
31) ETHYL ACETATE	3.522	43	7451	0.72	UG/L	#	75
32) BROMOCHLOROMETHANE	3.647	128	978m	0.30	UG/L		
33) TETRAHYDROFURAN	3.717	42	1530m	0.51	UG/L		
34) CHLOROFORM	3.745	83	4105	0.36	UG/L		92
35) 1,1,1-TRICHLOROETHANE	3.915	97	2497	0.27	UG/L	#	69
36) CYCLOHEXANE	3.962	56	14572	1.36	UG/L	#	54
37) CARBON TETRACHLORIDE	4.071	117	1906	0.28	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	3371m	0.41	UG/L		
39) BENZENE	4.288	78	9754	0.36	UG/L		99
40) T-AMYLMETHYL ETHER	4.425	73	4807	0.26	UG/L	#	71
43) 1,2-DICHLOROETHANE	4.308	62	3830	0.40	UG/L	#	79
44) TRICHLOROETHENE	4.930	95	2305	0.36	UG/L		96
45) METHYLCYCLOHEXANE	5.106	83	2498	0.35	UG/L	#	79
46) 1,2-DICHLOROPROPANE	5.156	63	2551	0.35	UG/L	#	63
47) DIBROMOMETHANE	5.264	93	1510	0.37	UG/L	#	78
49) BROMODICHLOROMETHANE	5.435	83	2148	0.27	UG/L	#	53

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168009.D
Acq On : 17 Jun 2011 10:00 am
Operator : LBD/MFF
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 20 12:10:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

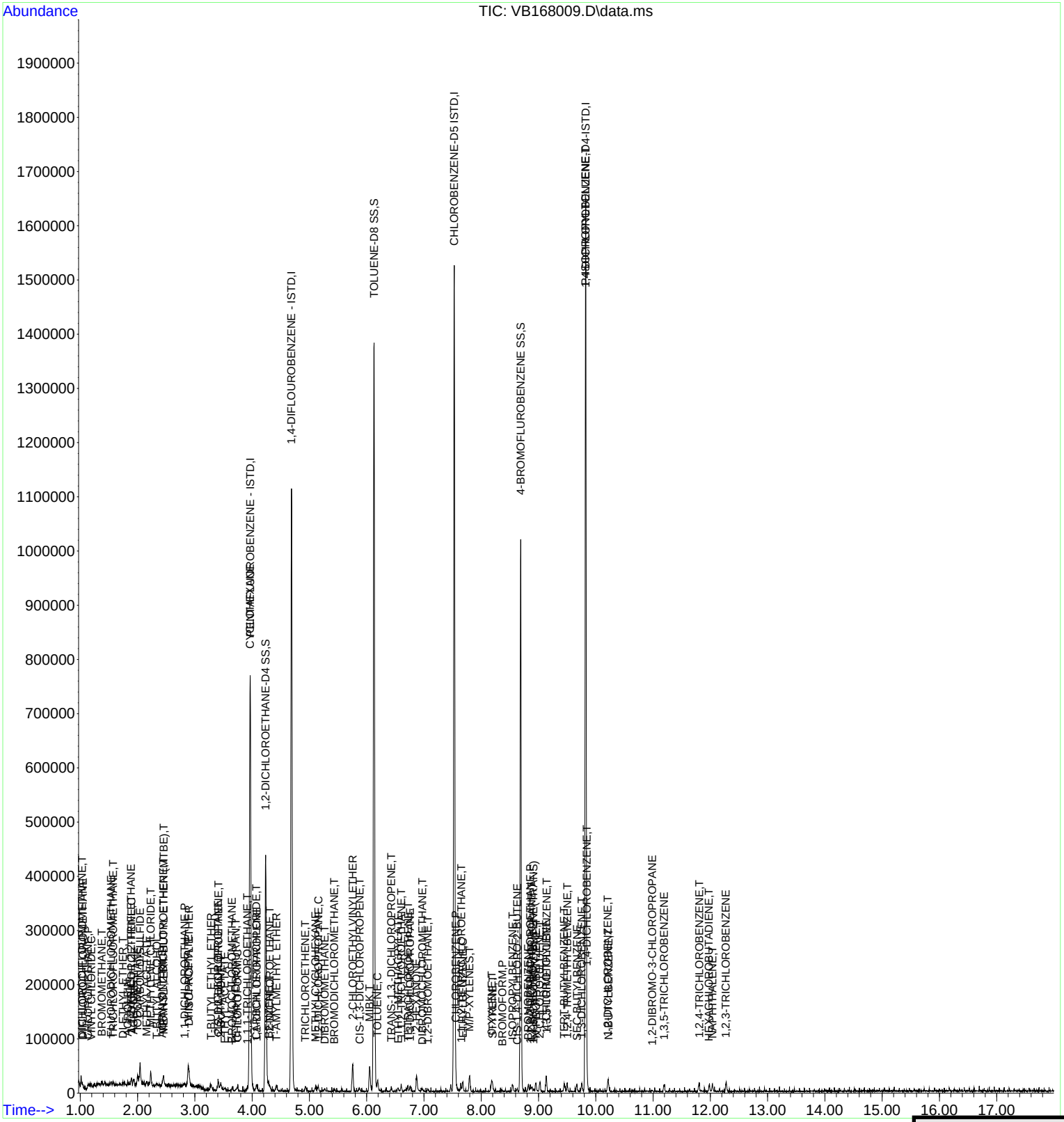
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2-CHLOROETHYLVINYLETHER	5.758	63	16748	3.41	UG/L	#	47
51) MIBK	6.051	43	30135	3.71	UG/L	#	68
52) CIS-1,3-DICHLOROPROPENE	5.878	75	1908	0.20	UG/L	#	12
53) TOLUENE	6.188	91	9549	0.35	UG/L		97
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	1556	0.19	UG/L	#	41
55) ETHYL METHACRYLATE	6.550	41	2482	0.34	UG/L	#	46
56) 1,1,2-TRICHLOROETHANE	6.603	97	2324	0.39	UG/L		89
57) 2-HEXANONE	6.868	43	19252	3.35	UG/L	#	68
58) TETRACHLOROETHENE	6.723	164	1848	0.40	UG/L	#	82
59) 1,3-DICHLOROPROPANE	6.756	76	3770	0.36	UG/L	#	52
60) DIBROMOCHLOROMETHANE	6.974	129	1363	0.24	UG/L	#	81
61) 1,2-DIBROMOETHANE	7.066	107	1868	0.30	UG/L	#	90
64) CHLOROBENZENE	7.557	112	6603	0.39	UG/L	#	52
65) 1,1,1,2-TETRACHLOROETHANE	7.654	131	1447	0.27	UG/L		93
66) ETHYLBENZENE	7.679	91	10151	0.35	UG/L	#	73
67) M/P-XYLENES	7.794	91	14891	0.68	UG/L		91
68) 0-XYLENE	8.181	91	7605	0.32	UG/L		96
69) STYRENE	8.198	104	5359	0.29	UG/L	#	82
70) BROMOFORM	8.371	173	559m	1.24	UG/L		
71) ISOPROPYLBENZENE	8.547	105	6473	0.30	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	1037	0.33	UG/L	#	26
73) 1,1,2,2-TETRACHLOROETHANE	8.853	83	3174	0.39	UG/L	#	84
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	950m	0.35	UG/L		
75) BROMOBENZENE	8.820	77	4575	0.37	UG/L	#	88
76) 1,2,3-TRICHLOROPROPANE	8.881	110	1026	0.45	UG/L		96
77) N-PROPYLBENZENE	8.957	91	10130	0.35	UG/L		100
78) 2-CHLOROT0LUENE	9.024	91	7417	0.38	UG/L		93
79) 1,3,5-TRIMETHYLBENZENE	9.141	105	7254	0.35	UG/L		86
80) 4-CHLOROTOLUENE	9.135	91	7292	0.32	UG/L		97
82) TERT-BUTYLBENZENE	9.447	119	5640	0.34	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.503	105	6618	0.29	UG/L		99
84) SEC-BUTYLBENZENE	9.673	105	6830	0.30	UG/L		97
85) 1,3-DICHLOROBENZENE	9.754	146	5003	0.39	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	6483	0.36	UG/L	#	77
87) 1,4-DICHLOROBENZENE	9.843	146	5978	0.45	UG/L	#	75
88) N-BUTYLBENZENE	10.225	91	5136	0.29	UG/L		93
89) 1,2-DICHLOROBENZENE	10.209	146	4854	0.38	UG/L		94
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	313m	0.26	UG/L		
91) 1,3,5-TRICHLOROBENZENE	11.190	180	2912	0.40	UG/L		89
92) 1,2,4-TRICHLOROBENZENE	11.809	180	3750	0.56	UG/L		88
93) HEXACHLOROBUTADIENE	11.977	225	1750m	0.72	UG/L		
94) NAPHTHALENE	12.038	128	7352	0.42	UG/L	#	90
95) 1,2,3-TRICHLOROBENZENE	12.272	180	4136	0.78	UG/L	#	91

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168009.D
Acq On : 17 Jun 2011 10:00 am
Operator : LBD/MFF
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 20 12:10:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168010.D
Acq On : 17 Jun 2011 10:32 am
Operator : LBD/MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 20 12:12:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	448615	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	723105	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	371730	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	342869	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	254360	25.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%				
42) TOLUENE-D8 SS	6.126	98	700622	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	273190	22.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.60%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	3793	0.65	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.043	51	6676	0.58	UG/L		94
5) CHLOROMETHANE	1.140	50	5322	0.43	UG/L		93
6) VINYL CHLORIDE	1.190	62	3620	0.54	UG/L	#	82
7) BROMOMETHANE	1.372	94	4243	1.38	UG/L	#	69
9) FLUORODICHLOROMETHANE	1.533	67	4863	0.56	UG/L	#	65
10) TRICHLOROFLUOROMETHANE	1.575	101	3914	0.60	UG/L		95
11) DI ETHYL ETHER	1.748	59	2866	0.60	UG/L	#	69
12) ACROLEIN	1.829	56	3704	5.54	UG/L	#	97
13) ACETONE	1.929	43	12751	6.39	UG/L	#	78
14) 1,1-DICHLOROETHENE	1.890	61	4284	0.56	UG/L		92
15) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	2185	0.63	UG/L		96
16) IODOMETHANE	1.999	142	35765m	5.67	UG/L		
17) METHYL ACETATE	2.158	43	7584	0.54	UG/L	#	73
18) T-BUTYL ALCOHOL	2.331	59	2505	3.94	UG/L	#	62
19) ACRYLONITRILE	2.431	53	1821	0.62	UG/L	#	89
20) METHYLENE CHLORIDE	2.231	49	13027	1.38	UG/L	#	71
21) CARBON DISULFIDE	2.047	76	43436	3.86	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	7768	0.50	UG/L		94
23) TRANS 1,2-DICHLOROETHENE	2.448	61	3788	0.53	UG/L	#	66
24) 1,1-DICHLOROETHANE	2.825	63	4916	0.48	UG/L	#	90
25) VINYL ACETATE	2.883	43	64062	5.49	UG/L	#	78
26) DI ISOPROPYL ETHER	2.894	45	12076	0.49	UG/L	#	69
27) 2-BUTANONE	3.446	43	20773	5.12	UG/L	#	86
28) T-BUTYL ETHYL ETHER	3.282	59	10134	0.40	UG/L		92
29) CIS-1,2-DICHLOROETHENE	3.405	61	5970	0.51	UG/L		99
30) 2,2-DICHLOROPROPANE	3.399	77	2452	0.32	UG/L	#	90
31) ETHYL ACETATE	3.525	43	7661	0.75	UG/L	#	83
32) BROMOCHLOROMETHANE	3.647	128	1454m	0.45	UG/L		
33) TETRAHYDROFURAN	3.714	42	1664m	0.56	UG/L		
34) CHLOROFORM	3.742	83	5585	0.49	UG/L		89
35) 1,1,1-TRICHLOROETHANE	3.918	97	3330m	0.36	UG/L		
36) CYCLOHEXANE	3.965	56	15753	1.47	UG/L	#	69
37) CARBON TETRACHLORIDE	4.066	117	2616	0.38	UG/L		87
38) 1,1-DICHLOROPROPENE	4.082	75	3851	0.47	UG/L	#	81
39) BENZENE	4.283	78	12242	0.45	UG/L		98
40) T-AMYLMETHYL ETHER	4.420	73	6214	0.33	UG/L	#	94
43) 1,2-DICHLOROETHANE	4.314	62	5443	0.57	UG/L	#	47
44) TRICHLOROETHENE	4.927	95	3138	0.49	UG/L	#	63
45) METHYLCYCLOHEXANE	5.108	83	3234	0.46	UG/L	#	73
46) 1,2-DICHLOROPROPANE	5.153	63	3286	0.46	UG/L	#	84
47) DIBROMOMETHANE	5.262	93	1784m	0.44	UG/L		
49) BROMODICHLOROMETHANE	5.432	83	2821	0.35	UG/L	#	81

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168010.D
Acq On : 17 Jun 2011 10:32 am
Operator : LBD/MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 20 12:12:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

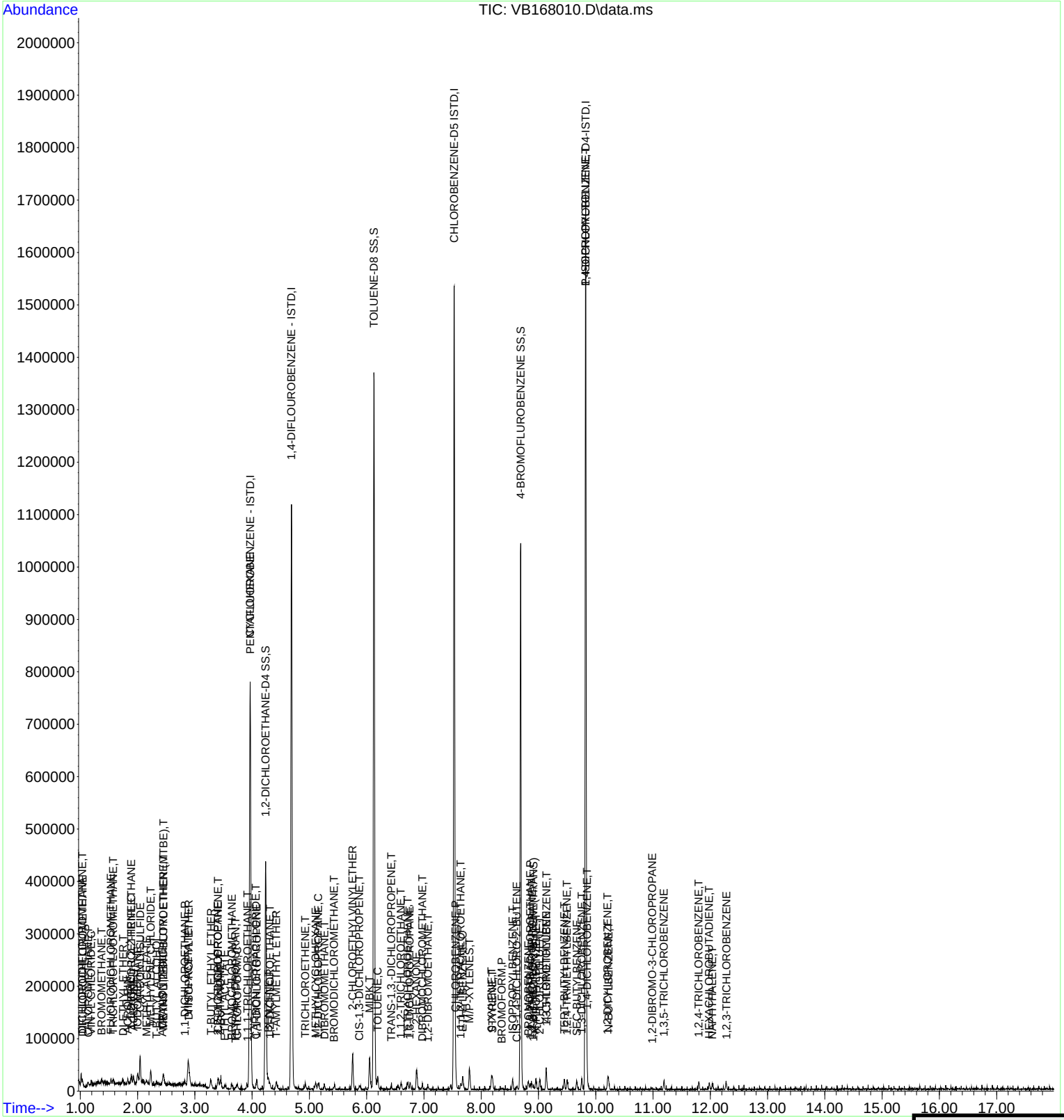
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) 2-CHLOROETHYLVINYLETHER	5.753	63	21959	4.51 UG/L #	49
51) MIBK	6.051	43	38529	4.78 UG/L #	70
52) CIS-1,3-DICHLOROPROPENE	5.870	75	3040	0.32 UG/L #	41
53) TOLUENE	6.193	91	13495	0.49 UG/L	95
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	2101	0.26 UG/L #	35
56) 1,1,2-TRICHLOROETHANE	6.598	97	2906	0.49 UG/L	95
57) 2-HEXANONE	6.868	43	25496	4.48 UG/L #	69
58) TETRACHLOROETHENE	6.718	164	1813	0.39 UG/L #	65
59) 1,3-DICHLOROPROPANE	6.751	76	5751	0.55 UG/L #	75
60) DIBROMOCHLOROMETHANE	6.971	129	1517	0.27 UG/L	99
61) 1,2-DIBROMOETHANE	7.072	107	2896m	0.47 UG/L	
64) CHLOROBENZENE	7.554	112	8808	0.52 UG/L #	52
65) 1,1,1,2-TETRACHLOROETHANE	7.641	131	1714	0.31 UG/L #	67
66) ETHYLBENZENE	7.677	91	13583	0.47 UG/L	93
67) M/P-XYLENES	7.794	91	19747	0.90 UG/L	87
68) 0-XYLENE	8.179	91	9806	0.41 UG/L	97
69) STYRENE	8.195	104	7176	0.38 UG/L #	75
70) BROMOFORM	8.357	173	947m	1.32 UG/L	
71) ISOPROPYLBENZENE	8.550	105	9404	0.43 UG/L	100
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	1308	0.42 UG/L #	23
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	4088	0.50 UG/L #	91
74) 1,4-DICHLORO-2-BUTENE(...	8.909	53	1340	0.49 UG/L #	30
75) BROMOBENZENE	8.826	77	6102	0.49 UG/L	85
76) 1,2,3-TRICHLOROPROPANE	8.887	110	1478m	0.64 UG/L	
77) N-PROPYLBENZENE	8.957	91	13140	0.45 UG/L	97
78) 2-CHLOROT0LUENE	9.021	91	8266	0.42 UG/L	88
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	8693	0.41 UG/L	100
80) 4-CHLOROTOLUENE	9.135	91	10394	0.46 UG/L	100
82) TERT-BUTYLBENZENE	9.450	119	6316	0.37 UG/L	92
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	8329	0.35 UG/L	97
84) SEC-BUTYLBENZENE	9.668	105	9150	0.39 UG/L	93
85) 1,3-DICHLOROBENZENE	9.754	146	6060	0.46 UG/L #	90
86) P-ISOPROPYLTOLUENE	9.821	119	7709	0.41 UG/L #	79
87) 1,4-DICHLOROBENZENE	9.849	146	7250	0.53 UG/L #	73
88) N-BUTYLBENZENE	10.223	91	6481	0.36 UG/L	95
89) 1,2-DICHLOROBENZENE	10.203	146	6882	0.53 UG/L	99
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	202m	0.16 UG/L	
91) 1,3,5-TRICHLOROBENZENE	11.188	180	3803	0.50 UG/L	98
92) 1,2,4-TRICHLOROBENZENE	11.796	180	3573	0.52 UG/L	92
93) HEXACHLOROBUTADIENE	11.980	225	2351m	0.94 UG/L	
94) NAPHTHALENE	12.035	128	6925	0.39 UG/L #	87
95) 1,2,3-TRICHLOROBENZENE	12.284	180	3531	0.65 UG/L	89

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168010.D
Acq On : 17 Jun 2011 10:32 am
Operator : LBD/MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 20 12:12:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168011.D
Acq On : 17 Jun 2011 11:04 am
Operator : LBD/MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 20 12:14:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	454006	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	724230	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	367522	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	342262	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	255806	25.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.00%				
42) TOLUENE-D8 SS	6.126	98	700480	25.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	274836	23.30	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.20%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	7831	1.33	UG/L		94
4) DIFLUOROCHLOROMETHANE	1.043	51	12749	1.09	UG/L		95
5) CHLOROMETHANE	1.140	50	9055	0.72	UG/L		97
6) VINYL CHLORIDE	1.190	62	6904	1.02	UG/L	#	85
7) BROMOMETHANE	1.374	94	5115	1.64	UG/L		99
8) CHLOROETHANE	1.425	64	3887	Below Cal		#	79
9) FLUORODICHLOROMETHANE	1.536	67	9476	1.08	UG/L		94
10) TRICHLOROFLUOROMETHANE	1.575	101	7890	1.20	UG/L		97
11) DI ETHYL ETHER	1.745	59	4820	0.99	UG/L	#	80
12) ACROLEIN	1.832	56	6352	9.39	UG/L	#	98
13) ACETONE	1.927	43	23805	11.79	UG/L	#	73
14) 1,1-DICHLOROETHENE	1.896	61	8148	1.05	UG/L		88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	4350	1.25	UG/L		88
16) IODOMETHANE	1.999	142	49105	7.69	UG/L	#	75
17) METHYL ACETATE	2.158	43	13257m	0.93	UG/L		
18) T-BUTYL ALCOHOL	2.325	59	5280	8.21	UG/L	#	43
19) ACRYLONITRILE	2.429	53	3614	1.21	UG/L		91
20) METHYLENE CHLORIDE	2.228	49	17016	1.79	UG/L	#	71
21) CARBON DISULFIDE	2.044	76	92939	8.17	UG/L	#	77
22) METHYL TERT-BUTYL ETHE...	2.451	73	15192	0.97	UG/L	#	86
23) TRANS 1,2-DICHLOROETHENE	2.451	61	7366	1.01	UG/L		88
24) 1,1-DICHLOROETHANE	2.822	63	9987	0.96	UG/L	#	81
25) VINYL ACETATE	2.886	43	137391	11.63	UG/L	#	78
26) DI ISOPROPYL ETHER	2.900	45	23893	0.96	UG/L	#	70
27) 2-BUTANONE	3.449	43	41521	10.11	UG/L	#	84
28) T-BUTYL ETHYL ETHER	3.276	59	21174	0.82	UG/L		92
29) CIS-1,2-DICHLOROETHENE	3.405	61	12122	1.02	UG/L		89
30) 2,2-DICHLOROPROPANE	3.407	77	5150	0.67	UG/L	#	77
31) ETHYL ACETATE	3.516	43	11342	1.09	UG/L	#	91
32) BROMOCHLOROMETHANE	3.656	128	3243	1.00	UG/L	#	76
33) TETRAHYDROFURAN	3.711	42	3261	1.08	UG/L	#	48
34) CHLOROFORM	3.742	83	11029	0.96	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.909	97	7074	0.77	UG/L	#	62
36) CYCLOHEXANE	3.965	56	21059	1.94	UG/L	#	63
37) CARBON TETRACHLORIDE	4.071	117	5372	0.77	UG/L		96
38) 1,1-DICHLOROPROPENE	4.079	75	7914	0.96	UG/L		95
39) BENZENE	4.283	78	25816	0.94	UG/L		97
40) T-AMYLMETHYL ETHER	4.420	73	13064m	0.69	UG/L		
43) 1,2-DICHLOROETHANE	4.314	62	10229	1.07	UG/L	#	90
44) TRICHLOROETHENE	4.933	95	6460	1.01	UG/L		95
45) METHYLCYCLOHEXANE	5.108	83	6664	0.95	UG/L	#	77
46) 1,2-DICHLOROPROPANE	5.148	63	7596	1.06	UG/L	#	74
47) DIBROMOMETHANE	5.262	93	3946	0.97	UG/L		95

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168011.D
Acq On : 17 Jun 2011 11:04 am
Operator : LBD/MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 20 12:14:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

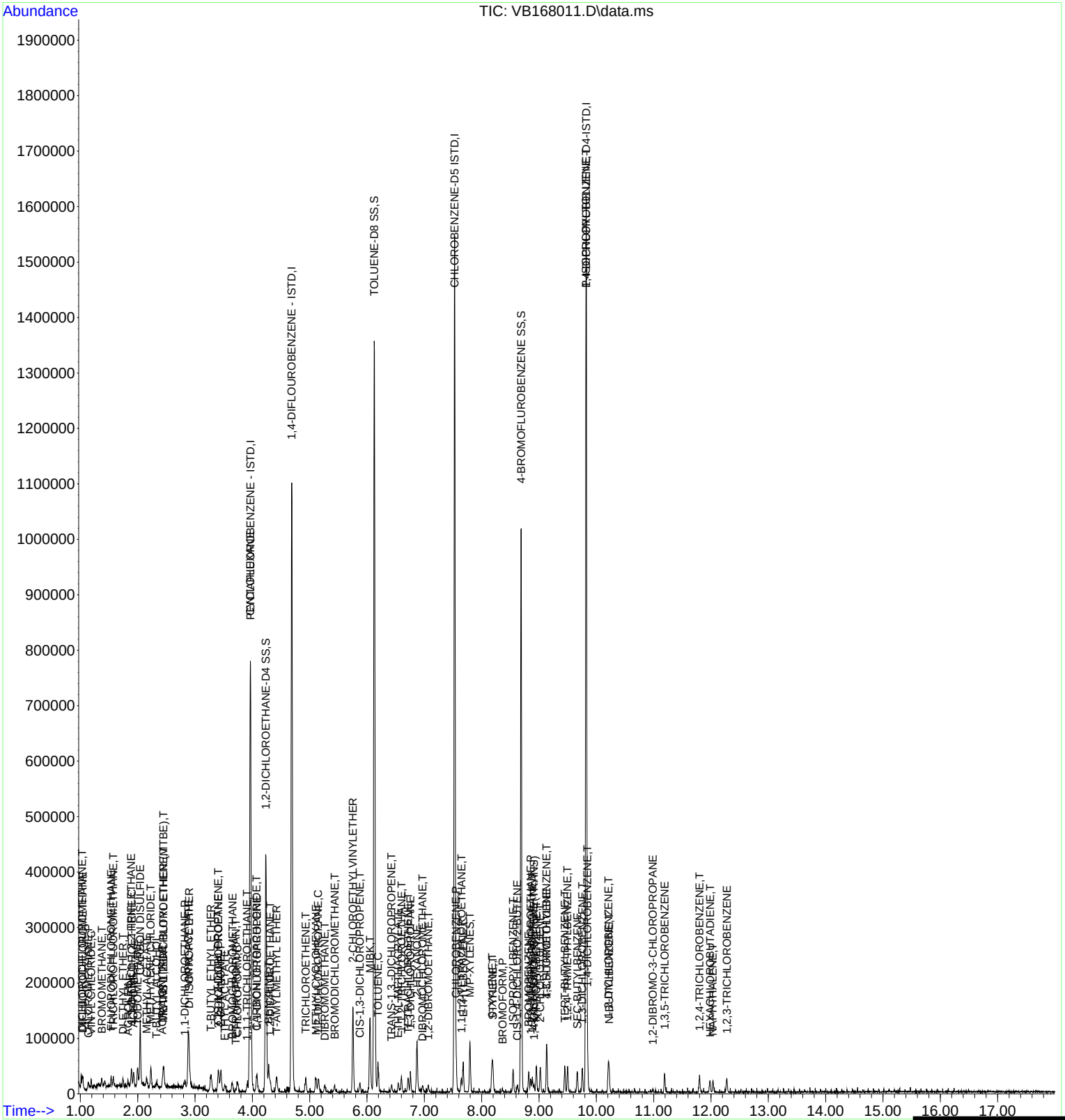
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) BROMODICHLOROMETHANE	5.438	83	5954	0.75	UG/L	#	94
50) 2-CHLOROETHYLVINYLETHER	5.753	63	47897	9.83	UG/L	#	46
51) MIBK	6.054	43	86691	10.75	UG/L	#	71
52) CIS-1,3-DICHLOROPROPENE	5.875	75	6344	0.67	UG/L	#	69
53) TOLUENE	6.190	91	27668	1.01	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.425	75	4411	0.54	UG/L	#	64
55) ETHYL METHACRYLATE	6.545	41	6878	0.95	UG/L	#	52
56) 1,1,2-TRICHLOROETHANE	6.603	97	6398	1.07	UG/L	#	75
57) 2-HEXANONE	6.871	43	58121	10.19	UG/L	#	70
58) TETRACHLOROETHENE	6.718	164	5078	1.10	UG/L		98
59) 1,3-DICHLOROPROPANE	6.759	76	11039	1.06	UG/L	#	68
60) DIBROMOCHLOROMETHANE	6.968	129	3805	0.66	UG/L		93
61) 1,2-DIBROMOETHANE	7.069	107	5752	0.94	UG/L	#	98
64) CHLOROBENZENE	7.554	112	18348	1.10	UG/L		91
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	4337	0.80	UG/L	#	80
66) ETHYLBENZENE	7.680	91	28246	0.98	UG/L		96
67) M/P-XYLENES	7.797	91	44493	2.05	UG/L		85
68) 0-XYLENE	8.182	91	20955	0.88	UG/L		98
69) STYRENE	8.195	104	16285	0.87	UG/L	#	87
70) BROMOFORM	8.366	173	1939m	1.53	UG/L		
71) ISOPROPYLBENZENE	8.550	105	19810	0.92	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	2708	0.88	UG/L	#	33
73) 1,1,2,2-TETRACHLOROETHANE	8.854	83	8341	1.03	UG/L	#	93
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	2425	0.89	UG/L	#	30
75) BROMOBENZENE	8.820	77	12553	1.01	UG/L		93
76) 1,2,3-TRICHLOROPROPANE	8.884	110	2475	1.09	UG/L		99
77) N-PROPYLBENZENE	8.954	91	30032	1.04	UG/L		98
78) 2-CHLOROT0LUENE	9.024	91	20401	1.05	UG/L		96
79) 1,3,5-TRIMETHYLBENZENE	9.132	105	19282	0.92	UG/L		98
80) 4-CHLOROTOLUENE	9.132	91	22539	1.00	UG/L		100
82) TERT-BUTYLBENZENE	9.450	119	14883	0.88	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	19674	0.84	UG/L		97
84) SEC-BUTYLBENZENE	9.671	105	19853	0.84	UG/L		98
85) 1,3-DICHLOROBENZENE	9.754	146	14052	1.07	UG/L		97
86) P-ISOPROPYLTOLUENE	9.821	119	17670	0.95	UG/L	#	87
87) 1,4-DICHLOROBENZENE	9.846	146	14947	1.10	UG/L		92
88) N-BUTYLBENZENE	10.226	91	16055	0.88	UG/L		99
89) 1,2-DICHLOROBENZENE	10.212	146	13697	1.05	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	737m	0.60	UG/L		
91) 1,3,5-TRICHLOROBENZENE	11.193	180	7570	1.00	UG/L		97
92) 1,2,4-TRICHLOROBENZENE	11.801	180	7176	1.05	UG/L		97
93) HEXACHLOROBUTADIENE	11.985	225	3533m	1.42	UG/L		
94) NAPHTHALENE	12.033	128	13392	0.75	UG/L		96
95) 1,2,3-TRICHLOROBENZENE	12.278	180	6099	1.13	UG/L	#	95

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168011.D
Acq On : 17 Jun 2011 11:04 am
Operator : LBD/MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 20 12:14:13 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168012.D
Acq On : 17 Jun 2011 11:36 am
Operator : LBD/MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 12:15:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	446022	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	722369	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	365884	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	345117	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.238	65	253402	25.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.88%				
42) TOLUENE-D8 SS	6.126	98	706555	25.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.24%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	278024	23.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.72%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	12720	2.20	UG/L		94
4) DIFLUOROCHLOROMETHANE	1.045	51	22363	1.95	UG/L		99
5) CHLOROMETHANE	1.140	50	15470	1.25	UG/L		97
6) VINYL CHLORIDE	1.187	62	11522	1.73	UG/L		90
7) BROMOMETHANE	1.372	94	7710	2.52	UG/L		99
8) CHLOROETHANE	1.427	64	7201	0.78	UG/L		90
9) FLUORODICHLOROMETHANE	1.533	67	16947	1.96	UG/L		92
10) TRICHLOROFLUOROMETHANE	1.572	101	12806	1.99	UG/L		97
11) DI ETHYL ETHER	1.745	59	8648	1.81	UG/L	#	69
12) ACROLEIN	1.829	56	11138	16.76	UG/L	#	97
13) ACETONE	1.929	43	46750	23.57	UG/L	#	70
14) 1,1-DICHLOROETHENE	1.893	61	13827	1.82	UG/L	#	86
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	6778	1.98	UG/L		90
16) IODOMETHANE	1.996	142	73056	11.65	UG/L		91
17) METHYL ACETATE	2.161	43	27832	1.99	UG/L	#	82
18) T-BUTYL ALCOHOL	2.336	59	10504	16.63	UG/L	#	76
19) ACRYLONITRILE	2.428	53	5896	2.01	UG/L	#	87
20) METHYLENE CHLORIDE	2.230	49	26951	2.88	UG/L	#	68
21) CARBON DISULFIDE	2.044	76	160123	14.33	UG/L	#	76
22) METHYL TERT-BUTYL ETHE...	2.451	73	28729	1.86	UG/L		94
23) TRANS 1,2-DICHLOROETHENE	2.445	61	13132	1.84	UG/L	#	83
24) 1,1-DICHLOROETHANE	2.827	63	17345	1.71	UG/L		97
25) VINYL ACETATE	2.886	43	267626	23.06	UG/L	#	77
26) DI ISOPROPYL ETHER	2.905	45	42478	1.74	UG/L	#	77
27) 2-BUTANONE	3.455	43	85884	21.28	UG/L	#	88
28) T-BUTYL ETHYL ETHER	3.285	59	39990	1.57	UG/L	#	81
29) CIS-1,2-DICHLOROETHENE	3.410	61	20177	1.73	UG/L		97
30) 2,2-DICHLOROPROPANE	3.404	77	9377	1.24	UG/L	#	88
31) ETHYL ACETATE	3.516	43	22579	2.22	UG/L	#	80
32) BROMOCHLOROMETHANE	3.647	128	5872	1.84	UG/L	#	80
33) TETRAHYDROFURAN	3.714	42	4788	1.62	UG/L	#	77
34) CHLOROFORM	3.742	83	19841	1.76	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.909	97	12200	1.34	UG/L	#	92
36) CYCLOHEXANE	3.968	56	27466	2.58	UG/L		90
37) CARBON TETRACHLORIDE	4.079	117	8759	1.28	UG/L		93
38) 1,1-DICHLOROPROPENE	4.082	75	14041	1.74	UG/L		94
39) BENZENE	4.286	78	46165	1.71	UG/L		98
40) T-AMYLMETHYL ETHER	4.425	73	25001	1.34	UG/L	#	56
43) 1,2-DICHLOROETHANE	4.314	62	20534	2.15	UG/L		96
44) TRICHLOROETHENE	4.935	95	10868	1.70	UG/L		92
45) METHYLCYCLOHEXANE	5.108	83	11224	1.61	UG/L	#	87
46) 1,2-DICHLOROPROPANE	5.150	63	12825	1.79	UG/L	#	85
47) DIBROMOMETHANE	5.262	93	7970	1.96	UG/L		88

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168012.D
Acq On : 17 Jun 2011 11:36 am
Operator : LBD/MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 12:15:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

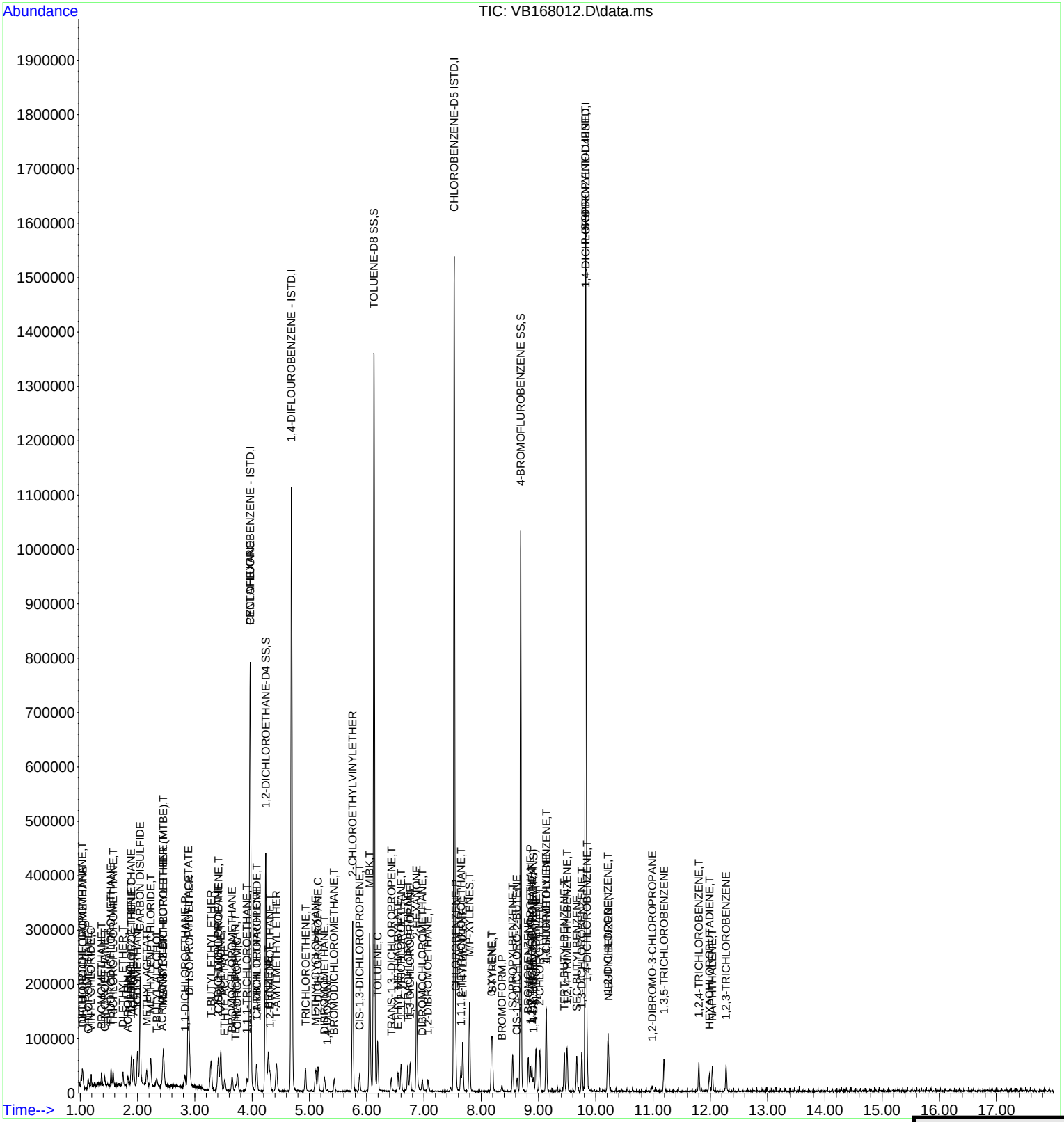
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.312	88	987m	15.66	UG/L		
49) BROMODICHLOROMETHANE	5.429	83	11063	1.39	UG/L	#	95
50) 2-CHLOROETHYLVINYLETHER	5.755	63	97825	20.12	UG/L	#	49
51) MIBK	6.051	43	185740	23.09	UG/L	#	69
52) CIS-1,3-DICHLOROPROPENE	5.875	75	11977	1.26	UG/L	#	63
53) TOLUENE	6.190	91	46341	1.70	UG/L		94
54) TRANS-1,3,-DICHLOROPRO...	6.433	75	7592	0.93	UG/L	#	51
55) ETHYL METHACRYLATE	6.547	41	12587	1.75	UG/L	#	59
56) 1,1,2-TRICHLOROETHANE	6.600	97	11830	1.99	UG/L		99
57) 2-HEXANONE	6.873	43	124571	21.89	UG/L	#	70
58) TETRACHLOROETHENE	6.720	164	8808	1.91	UG/L		95
59) 1,3-DICHLOROPROPANE	6.759	76	20784	2.00	UG/L	#	69
60) DIBROMOCHLOROMETHANE	6.974	129	7241	1.27	UG/L		97
61) 1,2-DIBROMOETHANE	7.069	107	11531	1.88	UG/L	#	95
64) CHLOROBENZENE	7.557	112	31054	1.87	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.649	131	8224	1.53	UG/L		98
66) ETHYLBENZENE	7.677	91	49228	1.72	UG/L		99
67) M/P-XYLENES	7.794	91	76007	3.51	UG/L		89
68) 0-XYLENE	8.179	91	38746	1.63	UG/L		96
69) STYRENE	8.195	104	30217	1.63	UG/L	#	81
70) BROMOFORM	8.360	173	3488	1.86	UG/L	#	92
71) ISOPROPYLBENZENE	8.549	105	33475	1.57	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	5169	1.69	UG/L	#	44
73) 1,1,2,2-TETRACHLOROETHANE	8.859	83	16705	2.06	UG/L	#	96
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	5008	1.85	UG/L	#	63
75) BROMOBENZENE	8.820	77	22374	1.81	UG/L		90
76) 1,2,3-TRICHLOROPROPANE	8.890	110	4832	2.14	UG/L		71
77) N-PROPYLBENZENE	8.957	91	50963	1.77	UG/L		97
78) 2-CHLOROT0LUENE	9.024	91	35057	1.82	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	35335	1.70	UG/L		94
80) 4-CHLOROTOLUENE	9.135	91	41097	1.83	UG/L		95
82) TERT-BUTYLBENZENE	9.453	119	25195	1.48	UG/L		97
83) 1,2,4-TRIMETHYLBENZENE	9.500	105	37000	1.56	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	34819	1.47	UG/L		100
85) 1,3-DICHLOROBENZENE	9.754	146	24675	1.86	UG/L		97
86) P-ISOPROPYLTOLUENE	9.818	119	29727	1.59	UG/L	#	93
87) 1,4-DICHLOROBENZENE	9.849	146	25763	1.88	UG/L	#	75
88) N-BUTYLBENZENE	10.223	91	26844	1.47	UG/L		99
89) 1,2-DICHLOROBENZENE	10.211	146	25078	1.92	UG/L		96
90) 1,2-DIBROMO-3-CHLOROPR...	10.987	75	1533	1.24	UG/L	#	57
91) 1,3,5-TRICHLOROBENZENE	11.190	180	14233	1.87	UG/L		94
92) 1,2,4-TRICHLOROBENZENE	11.801	180	12183	1.77	UG/L		97
93) HEXACHLOROBUTADIENE	11.985	225	5068	2.02	UG/L	#	91
94) NAPHTHALENE	12.035	128	27206	1.51	UG/L		97
95) 1,2,3-TRICHLOROBENZENE	12.275	180	11976	2.20	UG/L		97

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168012.D
Acq On : 17 Jun 2011 11:36 am
Operator : LBD/MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 12:15:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168013.D
Acq On : 17 Jun 2011 12:08 pm
Operator : LBD/MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 12:43:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	448204	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	723319	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	370813	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	347863	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	252741	25.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.08%				
42) TOLUENE-D8 SS	6.126	98	699945	25.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	284629	23.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	37775	6.50	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.045	51	64905	5.62	UG/L		100
5) CHLOROMETHANE	1.135	50	41356	3.32	UG/L		100
6) VINYL CHLORIDE	1.188	62	35226	5.25	UG/L		99
7) BROMOMETHANE	1.369	94	17847	5.80	UG/L		97
8) CHLOROETHANE	1.425	64	18582	4.17	UG/L		98
9) FLUORODICHLOROMETHANE	1.536	67	47662	5.48	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	39697	6.14	UG/L		97
11) DI ETHYL ETHER	1.745	59	23390	4.88	UG/L	#	82
12) ACROLEIN	1.826	56	25160	37.67	UG/L	#	94
13) ACETONE	1.927	43	111918	56.15	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.890	61	42088	5.50	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	20810	6.05	UG/L		97
16) IODOMETHANE	1.996	142	248782	39.46	UG/L	#	85
17) METHYL ACETATE	2.158	43	67985	4.84	UG/L	#	80
18) T-BUTYL ALCOHOL	2.334	59	25042	39.45	UG/L	#	60
19) ACRYLONITRILE	2.429	53	16027	5.43	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	53888	5.73	UG/L	#	69
21) CARBON DISULFIDE	2.044	76	553818	49.32	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	70600	4.55	UG/L		91
23) TRANS 1,2-DICHLOROETHENE	2.443	61	38254	5.33	UG/L		87
24) 1,1-DICHLOROETHANE	2.822	63	48356	4.73	UG/L		98
25) VINYL ACETATE	2.886	43	706578	60.59	UG/L	#	77
26) DI ISOPROPYL ETHER	2.900	45	115515	4.71	UG/L	#	73
27) 2-BUTANONE	3.449	43	223791	55.17	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.282	59	106485	4.16	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.413	61	59321	5.07	UG/L		92
30) 2,2-DICHLOROPROPANE	3.407	77	28781	3.78	UG/L		97
31) ETHYL ACETATE	3.522	43	55813	5.45	UG/L	#	92
32) BROMOCHLOROMETHANE	3.653	128	15280	4.78	UG/L	#	74
33) TETRAHYDROFURAN	3.709	42	13551	4.55	UG/L	#	82
34) CHLOROFORM	3.739	83	55893	4.93	UG/L		95
35) 1,1,1-TRICHLOROETHANE	3.909	97	38256	4.19	UG/L	#	92
36) CYCLOHEXANE	3.960	56	63976	5.98	UG/L	#	94
37) CARBON TETRACHLORIDE	4.074	117	29850	4.34	UG/L		100
38) 1,1-DICHLOROPROPENE	4.074	75	40281	4.97	UG/L		99
39) BENZENE	4.286	78	133072	4.90	UG/L		98
40) T-AMYLMETHYL ETHER	4.425	73	68474	3.66	UG/L	#	72
43) 1,2-DICHLOROETHANE	4.314	62	54663	5.71	UG/L		96
44) TRICHLOROETHENE	4.930	95	33825	5.29	UG/L		93
45) METHYLCYCLOHEXANE	5.109	83	36790	5.26	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.153	63	36357	5.07	UG/L	#	82
47) DIBROMOMETHANE	5.262	93	19430	4.78	UG/L		99

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168013.D
Acq On : 17 Jun 2011 12:08 pm
Operator : LBD/MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 12:43:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

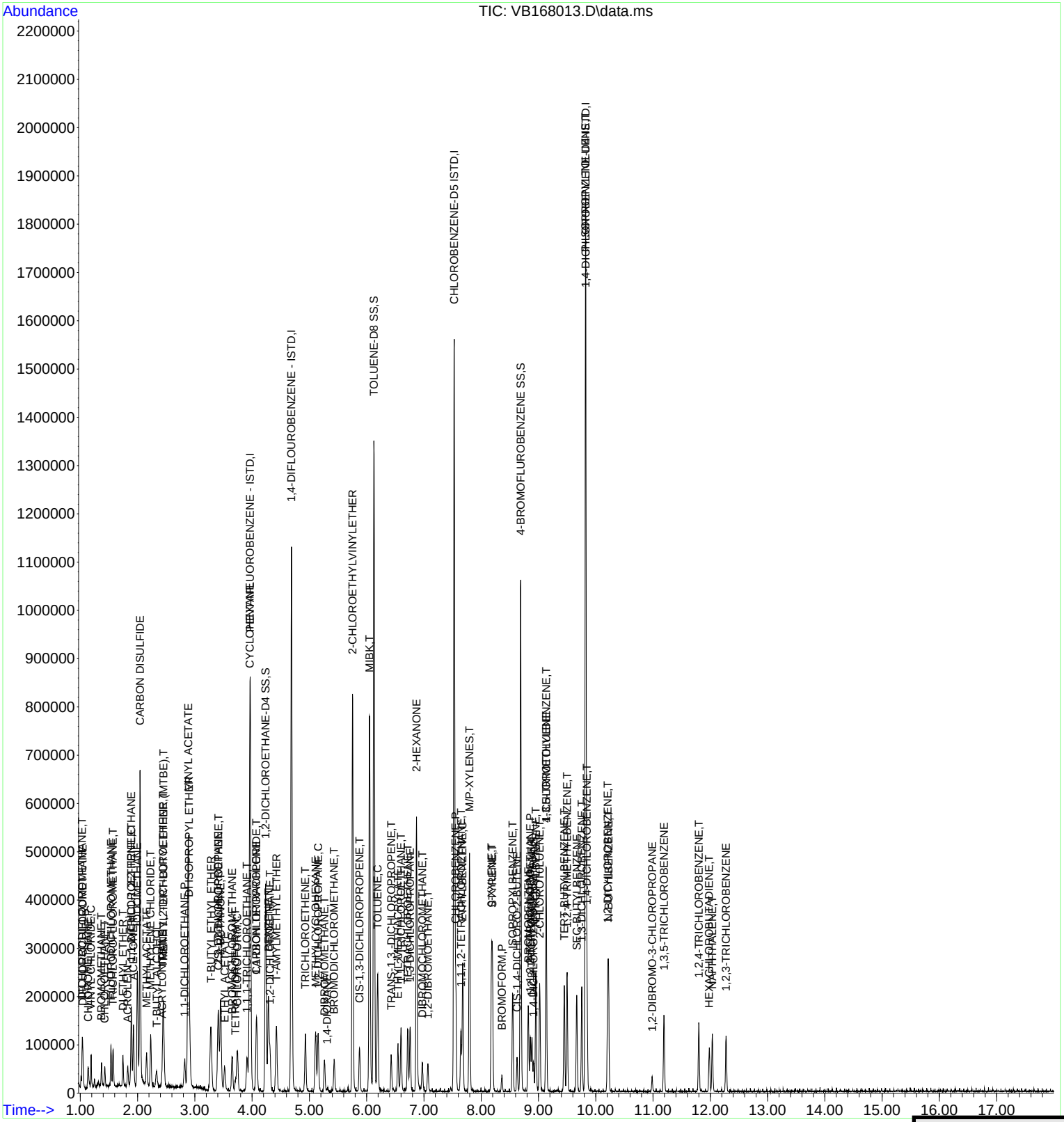
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.307	88	2230	35.33	UG/L	#	61
49) BROMODICHLOROMETHANE	5.432	83	32947	4.14	UG/L		97
50) 2-CHLOROETHYLVINYLETHER	5.755	63	266105	54.66	UG/L	#	49
51) MIBK	6.051	43	487276	60.49	UG/L	#	70
52) CIS-1,3-DICHLOROPROPENE	5.875	75	35041	3.70	UG/L	#	69
53) TOLUENE	6.193	91	141016	5.16	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	26445	3.24	UG/L	#	71
55) ETHYL METHACRYLATE	6.547	41	35878	4.99	UG/L	#	57
56) 1,1,2-TRICHLOROETHANE	6.600	97	30238	5.07	UG/L		93
57) 2-HEXANONE	6.871	43	334481	58.71	UG/L	#	71
58) TETRACHLOROETHENE	6.718	164	24086	5.23	UG/L		95
59) 1,3-DICHLOROPROPANE	6.759	76	53194	5.11	UG/L	#	70
60) DIBROMOCHLOROMETHANE	6.974	129	21773	3.81	UG/L		97
61) 1,2-DIBROMOETHANE	7.069	107	30301	4.94	UG/L		100
64) CHLOROBENZENE	7.554	112	89036	5.28	UG/L	#	90
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	24935	4.58	UG/L		99
66) ETHYLBENZENE	7.674	91	150453	5.18	UG/L		100
67) M/P-XYLENES	7.794	91	234629	10.69	UG/L		88
68) 0-XYLENE	8.179	91	120010	4.99	UG/L		98
69) STYRENE	8.196	104	94019	5.00	UG/L	#	86
70) BROMOFORM	8.360	173	12934	3.85	UG/L	#	99
71) ISOPROPYLBENZENE	8.550	105	108847	5.02	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	14713	4.74	UG/L	#	45
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	42661	5.20	UG/L		98
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	13352	4.86	UG/L	#	63
75) BROMOBENZENE	8.823	77	63777	5.09	UG/L		90
76) 1,2,3-TRICHLOROPROPANE	8.882	110	13225	5.77	UG/L		80
77) N-PROPYLBENZENE	8.954	91	159137	5.47	UG/L		97
78) 2-CHLOROT0LUENE	9.021	91	105308	5.39	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	110861	5.27	UG/L		95
80) 4-CHLOROTOLUENE	9.135	91	119427	5.25	UG/L		96
82) TERT-BUTYLBENZENE	9.450	119	78465	4.58	UG/L		93
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	113425	4.75	UG/L		96
84) SEC-BUTYLBENZENE	9.668	105	111824	4.68	UG/L		98
85) 1,3-DICHLOROBENZENE	9.757	146	70854	5.30	UG/L		99
86) P-ISOPROPYLTOLUENE	9.819	119	93535	4.95	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	71792	5.21	UG/L	#	93
88) N-BUTYLBENZENE	10.223	91	88724	4.81	UG/L		99
89) 1,2-DICHLOROBENZENE	10.209	146	67300	5.10	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	4070	3.25	UG/L		92
91) 1,3,5-TRICHLOROBENZENE	11.191	180	41837	5.46	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	34633	5.00	UG/L		98
93) HEXACHLOROBUTADIENE	11.980	225	15060	5.95	UG/L		98
94) NAPHTHALENE	12.035	128	71504	3.93	UG/L		96
95) 1,2,3-TRICHLOROBENZENE	12.275	180	28776	5.24	UG/L		96

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168013.D
Acq On : 17 Jun 2011 12:08 pm
Operator : LBD/MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 12:43:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168014.D
Acq On : 17 Jun 2011 12:39 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 06:02:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	453872	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	726162	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	371668	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	351481	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	253332	25.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%				
42) TOLUENE-D8 SS	6.126	98	698640	24.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	285599	23.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	76086	12.93	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	127515	10.91	UG/L		97
5) CHLOROMETHANE	1.135	50	79062	6.27	UG/L		100
6) VINYL CHLORIDE	1.188	62	67978	10.01	UG/L		98
7) BROMOMETHANE	1.369	94	31582	10.13	UG/L		96
8) CHLOROETHANE	1.425	64	35019	8.96	UG/L		97
9) FLUORODICHLOROMETHANE	1.533	67	96547	10.96	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.570	101	79036	12.07	UG/L		99
11) DI ETHYL ETHER	1.740	59	46323	9.55	UG/L	#	76
12) ACROLEIN	1.826	56	42623	63.02	UG/L	#	94
13) ACETONE	1.927	43	213196	105.63	UG/L	#	71
14) 1,1-DICHLOROETHENE	1.888	61	82376	10.63	UG/L		90
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	38677	11.10	UG/L		97
16) IODOMETHANE	1.994	142	563089	88.20	UG/L		88
17) METHYL ACETATE	2.158	43	126837	8.91	UG/L	#	81
18) T-BUTYL ALCOHOL	2.334	59	48581	75.58	UG/L	#	68
19) ACRYLONITRILE	2.426	53	29989	10.03	UG/L		94
20) METHYLENE CHLORIDE	2.228	49	100564	10.56	UG/L	#	68
21) CARBON DISULFIDE	2.041	76	1131802	99.53	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.456	73	141578	9.01	UG/L	#	90
23) TRANS 1,2-DICHLOROETHENE	2.443	61	75679	10.40	UG/L	#	84
24) 1,1-DICHLOROETHANE	2.819	63	94440	9.13	UG/L		99
25) VINYL ACETATE	2.883	43	1392388	117.90	UG/L	#	77
26) DI ISOPROPYL ETHER	2.903	45	224615	9.03	UG/L	#	75
27) 2-BUTANONE	3.449	43	437743	106.57	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	219320	8.45	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.410	61	119453	10.08	UG/L		93
30) 2,2-DICHLOROPROPANE	3.405	77	58950	7.65	UG/L		99
31) ETHYL ACETATE	3.522	43	102654	9.90	UG/L	#	91
32) BROMOCHLOROMETHANE	3.647	128	30682	9.47	UG/L	#	76
33) TETRAHYDROFURAN	3.709	42	27299	9.06	UG/L	#	84
34) CHLOROFORM	3.742	83	113288	9.87	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	80775	8.74	UG/L		94
36) CYCLOHEXANE	3.954	56	117384	10.83	UG/L	#	91
37) CARBON TETRACHLORIDE	4.071	117	62953	9.04	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	81397	9.92	UG/L		97
39) BENZENE	4.283	78	263644	9.58	UG/L		99
40) T-AMYLMETHYL ETHER	4.420	73	140721	7.43	UG/L	#	72
43) 1,2-DICHLOROETHANE	4.311	62	107380	11.18	UG/L		90
44) TRICHLOROETHENE	4.927	95	64866	10.10	UG/L		95
45) METHYLCYCLOHEXANE	5.108	83	73587	10.48	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.148	63	73935	10.27	UG/L	#	83
47) DIBROMOMETHANE	5.262	93	41264	10.11	UG/L		94

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168014.D
Acq On : 17 Jun 2011 12:39 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 06:02:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

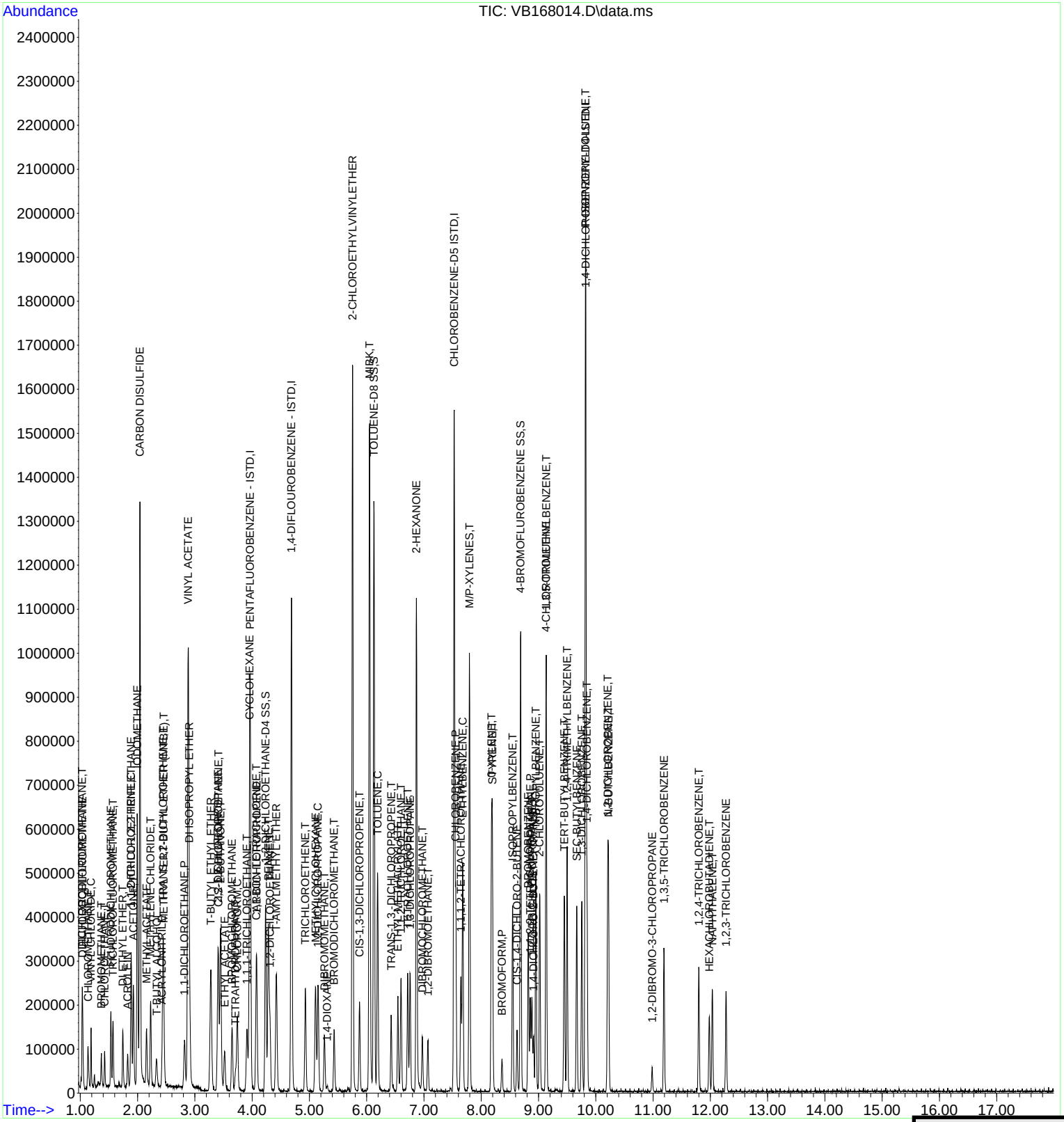
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	4955	78.20	UG/L	#	86
49) BROMODICHLOROMETHANE	5.429	83	70928	8.89	UG/L		98
50) 2-CHLOROETHYLVINYLETHER	5.753	63	536887	109.85	UG/L	#	51
51) MIBK	6.051	43	941739	116.44	UG/L	#	70
52) CIS-1,3-DICHLOROPROPENE	5.875	75	81842	8.60	UG/L	#	72
53) TOLUENE	6.193	91	280106	10.21	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	60338	7.37	UG/L	#	69
55) ETHYL METHACRYLATE	6.545	41	74711	10.34	UG/L	#	61
56) 1,1,2-TRICHLOROETHANE	6.600	97	62564	10.45	UG/L		99
57) 2-HEXANONE	6.868	43	651259	113.86	UG/L	#	71
58) TETRACHLOROETHENE	6.715	164	49126	10.62	UG/L		98
59) 1,3-DICHLOROPROPANE	6.759	76	107926	10.32	UG/L	#	69
60) DIBROMOCHLOROMETHANE	6.974	129	47610	8.29	UG/L		98
61) 1,2-DIBROMOETHANE	7.069	107	61811	10.05	UG/L		98
64) CHLOROBENZENE	7.554	112	182455	10.79	UG/L		93
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	53159	9.73	UG/L		100
66) ETHYLBENZENE	7.677	91	306207	10.52	UG/L		99
67) M/P-XYLENES	7.794	91	481649	21.89	UG/L		87
68) 0-XYLENE	8.179	91	246920	10.24	UG/L		99
69) STYRENE	8.195	104	200946	10.67	UG/L	#	87
70) BROMOFORM	8.360	173	28106	7.03	UG/L		99
71) ISOPROPYLBENZENE	8.547	105	225939	10.40	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	30936	9.95	UG/L	#	49
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	84608	10.29	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	27112	9.85	UG/L	#	71
75) BROMOBENZENE	8.820	77	124189	9.90	UG/L		92
76) 1,2,3-TRICHLOROPROPANE	8.887	110	24292	10.57	UG/L	#	66
77) N-PROPYLBENZENE	8.954	91	317988	10.90	UG/L		100
78) 2-CHLOROT0LUENE	9.018	91	210658	10.76	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	227353	10.78	UG/L		97
80) 4-CHLOROTOLUENE	9.132	91	247889	10.87	UG/L		95
82) TERT-BUTYLBENZENE	9.450	119	165793	9.58	UG/L		93
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	236283	9.79	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	235031	9.74	UG/L		100
85) 1,3-DICHLOROBENZENE	9.757	146	139451	10.33	UG/L		97
86) P-ISOPROPYLTOLUENE	9.818	119	192503	10.09	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	144800	10.40	UG/L		96
88) N-BUTYLBENZENE	10.223	91	186611	10.01	UG/L		98
89) 1,2-DICHLOROBENZENE	10.209	146	139095	10.43	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	8581	6.79	UG/L		86
91) 1,3,5-TRICHLOROBENZENE	11.190	180	84057	10.86	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.801	180	68970	9.86	UG/L		99
93) HEXACHLOROBUTADIENE	11.982	225	31840	12.45	UG/L		97
94) NAPHTHALENE	12.038	128	152444	8.29	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	56629	10.20	UG/L		97

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168014.D
Acq On : 17 Jun 2011 12:39 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 06:02:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168015.D
Acq On : 17 Jun 2011 1:11 pm
Operator : LBD/MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 12:17:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	462500	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	744649	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	378177	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	359518	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	254485	25.15	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.60%				
42) TOLUENE-D8 SS	6.126	98	715605	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	293205	24.16	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.64%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	138895	23.17	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	240911	20.23	UG/L		98
5) CHLOROMETHANE	1.135	50	154482	12.03	UG/L		99
6) VINYL CHLORIDE	1.188	62	136179	19.68	UG/L		99
7) BROMOMETHANE	1.363	94	53815	16.94	UG/L		99
8) CHLOROETHANE	1.422	64	70151	18.96	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	190661	21.24	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	152709	22.89	UG/L		100
11) DI ETHYL ETHER	1.743	59	94374	19.10	UG/L	#	77
12) ACROLEIN	1.826	56	80638	117.00	UG/L	#	91
13) ACETONE	1.927	43	406005	197.41	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.888	61	163782	20.74	UG/L	#	87
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	80727	22.73	UG/L		93
16) IODOMETHANE	1.994	142	1252425	192.53	UG/L		85
17) METHYL ACETATE	2.155	43	253182	17.45	UG/L	#	80
18) T-BUTYL ALCOHOL	2.331	59	89132	136.09	UG/L	#	67
19) ACRYLONITRILE	2.429	53	57093	18.73	UG/L	#	95
20) METHYLENE CHLORIDE	2.228	49	191084	19.69	UG/L	#	70
21) CARBON DISULFIDE	2.041	76	2257574	194.82	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	279995	17.48	UG/L		91
23) TRANS 1,2-DICHLOROETHENE	2.443	61	148197	20.00	UG/L		86
24) 1,1-DICHLOROETHANE	2.822	63	188439	17.87	UG/L		100
25) VINYL ACETATE	2.883	43	2791620	231.97	UG/L	#	77
26) DI ISOPROPYL ETHER	2.905	45	447967	17.68	UG/L	#	74
27) 2-BUTANONE	3.446	43	846194	202.17	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	445873	16.86	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	237806	19.70	UG/L		94
30) 2,2-DICHLOROPROPANE	3.407	77	120870	15.39	UG/L		99
31) ETHYL ACETATE	3.519	43	200708	19.00	UG/L	#	91
32) BROMOCHLOROMETHANE	3.650	128	60989	18.47	UG/L	#	77
33) TETRAHYDROFURAN	3.711	42	54505	17.75	UG/L	#	86
34) CHLOROFORM	3.742	83	221808	18.96	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	164723	17.50	UG/L		94
36) CYCLOHEXANE	3.960	56	221211	20.04	UG/L	#	87
37) CARBON TETRACHLORIDE	4.074	117	131101	18.46	UG/L		99
38) 1,1-DICHLOROPROPENE	4.077	75	166132	19.86	UG/L		97
39) BENZENE	4.283	78	528724	18.86	UG/L		100
40) T-AMYLMETHYL ETHER	4.425	73	287046	14.86	UG/L	#	74
43) 1,2-DICHLOROETHANE	4.311	62	211022	21.42	UG/L		92
44) TRICHLOROETHENE	4.930	95	132080	20.06	UG/L		94
45) METHYLCYCLOHEXANE	5.108	83	149865	20.81	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.153	63	145327	19.68	UG/L	#	82
47) DIBROMOMETHANE	5.259	93	83838	20.02	UG/L		96

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168015.D
Acq On : 17 Jun 2011 1:11 pm
Operator : LBD/MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 12:17:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

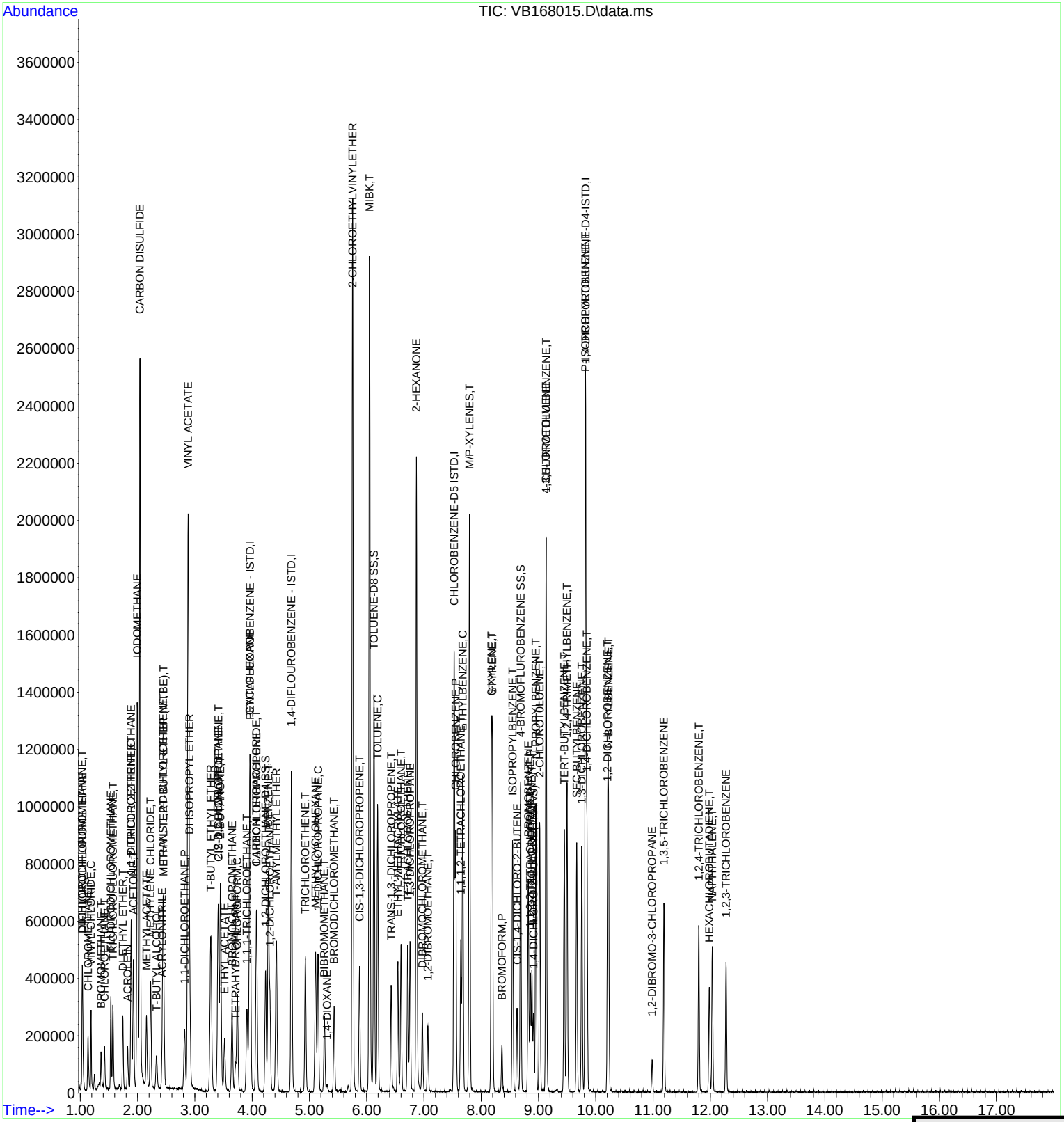
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,4-DIOXANE	5.309	88	8735	134.44 UG/L #	70
49) BROMODICHLOROMETHANE	5.429	83	156572	19.13 UG/L	98
50) 2-CHLOROETHYLVINYLETHER	5.755	63	1038640	207.24 UG/L #	50
51) MIBK	6.048	43	1829270	220.56 UG/L #	71
52) CIS-1,3-DICHLOROPROPENE	5.875	75	175925	18.02 UG/L #	72
53) TOLUENE	6.190	91	562778	20.01 UG/L	99
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	138359	16.48 UG/L #	72
55) ETHYL METHACRYLATE	6.545	41	159442	21.52 UG/L #	60
56) 1,1,2-TRICHLOROETHANE	6.600	97	126379	20.58 UG/L	99
57) 2-HEXANONE	6.868	43	1284511	218.99 UG/L #	71
58) TETRACHLOROETHENE	6.718	164	96681	20.38 UG/L	97
59) 1,3-DICHLOROPROPANE	6.757	76	214735	20.02 UG/L #	70
60) DIBROMOCHLOROMETHANE	6.971	129	107069	18.19 UG/L	99
61) 1,2-DIBROMOETHANE	7.069	107	126210	20.01 UG/L	99
64) CHLOROBENZENE	7.557	112	367590	21.37 UG/L	95
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	113712	20.46 UG/L	99
66) ETHYLBENZENE	7.677	91	619185	20.90 UG/L	100
67) M/P-XYLENES	7.794	91	970234	43.34 UG/L	87
68) 0-XYLENE	8.179	91	505948	20.62 UG/L	97
69) STYRENE	8.195	104	399785	20.86 UG/L #	85
70) BROMOFORM	8.363	173	64707	14.50 UG/L	99
71) ISOPROPYLBENZENE	8.547	105	466556	21.11 UG/L	99
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	66203	20.92 UG/L #	57
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	166765	19.94 UG/L	100
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	58326	20.83 UG/L #	76
75) BROMOBENZENE	8.823	77	255815	20.04 UG/L	92
76) 1,2,3-TRICHLOROPROPANE	8.884	110	49645	21.23 UG/L	99
77) N-PROPYLBENZENE	8.954	91	649736	21.88 UG/L	99
78) 2-CHLOROT0LUENE	9.021	91	423335	21.24 UG/L	99
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	465223	21.67 UG/L	98
80) 4-CHLOROTOLUENE	9.132	91	495355	21.35 UG/L	96
82) TERT-BUTYLBENZENE	9.450	119	353720	19.98 UG/L	96
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	489517	19.84 UG/L	98
84) SEC-BUTYLBENZENE	9.668	105	490184	19.85 UG/L	100
85) 1,3-DICHLOROBENZENE	9.757	146	288853	20.91 UG/L	98
86) P-ISOPROPYLTOLUENE	9.818	119	393026	20.13 UG/L	97
87) 1,4-DICHLOROBENZENE	9.846	146	295770	20.76 UG/L	96
88) N-BUTYLBENZENE	10.223	91	385741	20.23 UG/L	99
89) 1,2-DICHLOROBENZENE	10.206	146	284089	20.83 UG/L	98
90) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	19124	14.79 UG/L	85
91) 1,3,5-TRICHLOROBENZENE	11.188	180	173024	21.85 UG/L	99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	146846	20.53 UG/L	98
93) HEXACHLOROBUTADIENE	11.982	225	64000	24.46 UG/L	97
94) NAPHTHALENE	12.035	128	315372	16.77 UG/L	99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	115494	20.35 UG/L	98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168015.D
Acq On : 17 Jun 2011 1:11 pm
Operator : LBD/MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 12:17:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168016.D
Acq On : 17 Jun 2011 1:42 pm
Operator : LBD/MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 14:12:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	464626	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	751265	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	384056	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	369571	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	251958	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
42) TOLUENE-D8 SS	6.129	98	720798	24.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	298084	24.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	397232	65.97	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	648813	54.23	UG/L		97
5) CHLOROMETHANE	1.135	50	410997	31.86	UG/L		96
6) VINYL CHLORIDE	1.187	62	352285	50.68	UG/L		100
7) BROMOMETHANE	1.369	94	165859	51.98	UG/L		99
8) CHLOROETHANE	1.425	64	170086	47.73	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	482711	53.52	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	391730	58.46	UG/L		100
11) DI ETHYL ETHER	1.742	59	237229	47.79	UG/L	#	78
12) ACROLEIN	1.826	56	211566	305.55	UG/L	#	92
13) ACETONE	1.926	43	1009234	488.48	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.890	61	409955	51.69	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	198690	55.70	UG/L		95
16) IODOMETHANE	1.996	142	3424567	524.02	UG/L		86
17) METHYL ACETATE	2.155	43	619608	42.51	UG/L	#	80
18) T-BUTYL ALCOHOL	2.328	59	227613	345.93	UG/L	#	72
19) ACRYLONITRILE	2.428	53	143456	46.85	UG/L		97
20) METHYLENE CHLORIDE	2.230	49	464708	47.67	UG/L	#	69
21) CARBON DISULFIDE	2.041	76	5692327	488.97	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	710403	44.15	UG/L		92
23) TRANS 1,2-DICHLOROETHENE	2.442	61	372814	50.07	UG/L		86
24) 1,1-DICHLOROETHANE	2.822	63	479563	45.28	UG/L		99
25) VINYL ACETATE	2.883	43	7119424	588.87	UG/L	#	77
26) DI ISOPROPYL ETHER	2.902	45	1106374	43.47	UG/L	#	73
27) 2-BUTANONE	3.446	43	2189784	520.77	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	1173494	44.18	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.410	61	609880	50.30	UG/L		93
30) 2,2-DICHLOROPROPANE	3.404	77	335616	42.53	UG/L		99
31) ETHYL ACETATE	3.516	43	498690	46.99	UG/L	#	90
32) BROMOCHLOROMETHANE	3.647	128	149066	44.94	UG/L	#	75
33) TETRAHYDROFURAN	3.711	42	139266	45.14	UG/L	#	86
34) CHLOROFORM	3.742	83	565883	48.16	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	447043	47.26	UG/L		95
36) CYCLOHEXANE	3.959	56	559713	50.46	UG/L	#	85
37) CARBON TETRACHLORIDE	4.074	117	359174	50.36	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	419281	49.90	UG/L		97
39) BENZENE	4.286	78	1322611	46.97	UG/L		99
40) T-AMYLMETHYL ETHER	4.422	73	775958	40.00	UG/L	#	79
43) 1,2-DICHLOROETHANE	4.311	62	535978	53.93	UG/L		93
44) TRICHLOROETHENE	4.930	95	332544	50.07	UG/L		98
45) METHYLCYCLOHEXANE	5.108	83	386689	53.21	UG/L	#	84
46) 1,2-DICHLOROPROPANE	5.153	63	367884	49.38	UG/L	#	84
47) DIBROMOMETHANE	5.262	93	212298	50.25	UG/L		97

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168016.D
Acq On : 17 Jun 2011 1:42 pm
Operator : LBD/MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 14:12:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

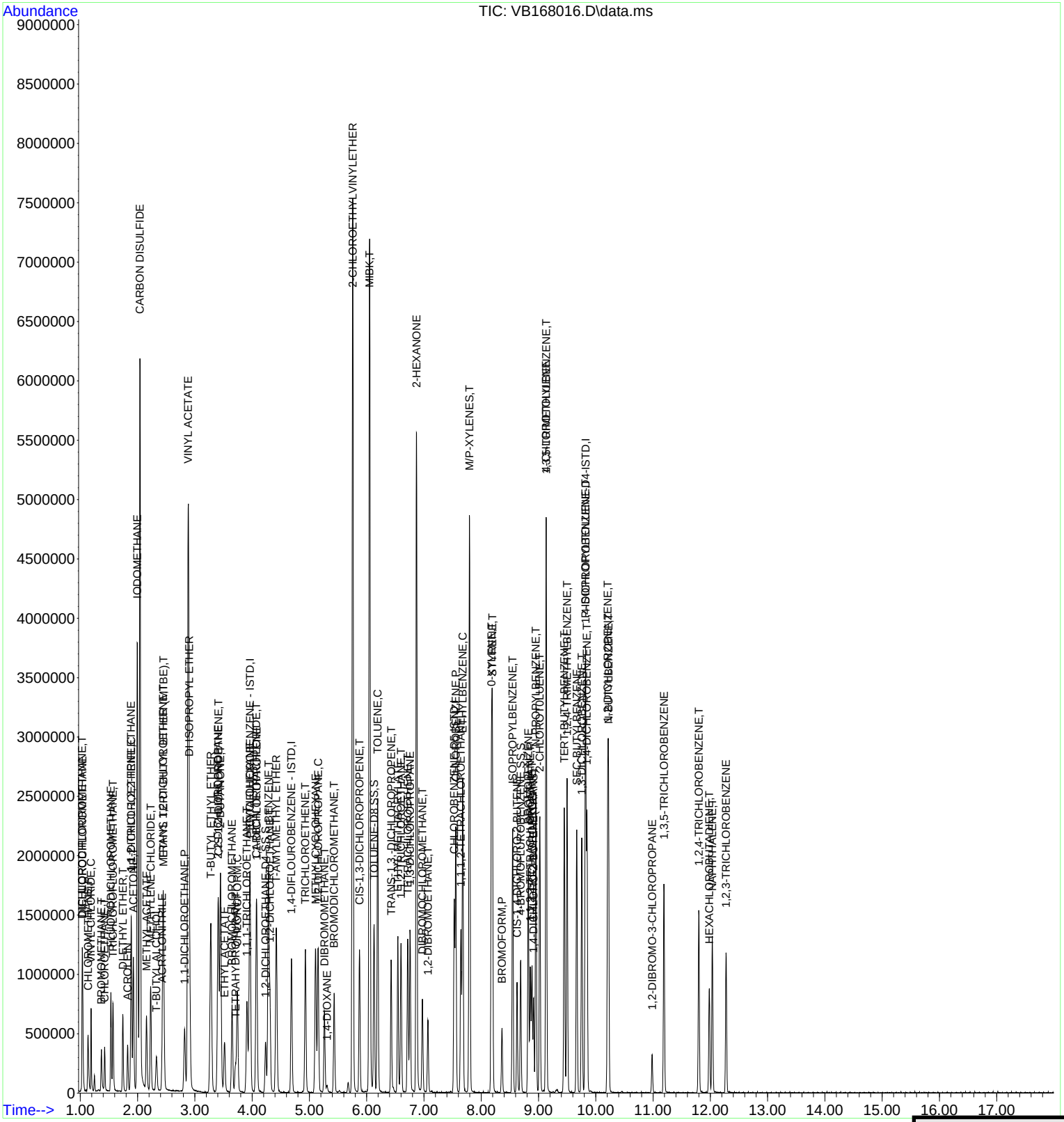
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	22324	340.56	UG/L	#	76
49) BROMODICHLOROMETHANE	5.432	83	427040	51.72	UG/L		100
50) 2-CHLOROETHYLVINYLETHER	5.758	63	2575750	509.41	UG/L	#	49
51) MIBK	6.051	43	4651321	555.89	UG/L	#	70
52) CIS-1,3-DICHLOROPROPENE	5.875	75	492568	50.02	UG/L	#	72
53) TOLUENE	6.193	91	1422408	50.13	UG/L		100
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	415811	49.10	UG/L	#	74
55) ETHYL METHACRYLATE	6.544	41	445339	59.59	UG/L	#	61
56) 1,1,2-TRICHLOROETHANE	6.600	97	316979	51.16	UG/L		100
57) 2-HEXANONE	6.871	43	3342662	564.86	UG/L	#	72
58) TETRACHLOROETHENE	6.717	164	245945	51.39	UG/L		96
59) 1,3-DICHLOROPROPANE	6.756	76	550165	50.84	UG/L	#	73
60) DIBROMOCHLOROMETHANE	6.974	129	310394	52.26	UG/L		99
61) 1,2-DIBROMOETHANE	7.069	107	333490	52.40	UG/L		99
64) CHLOROBENZENE	7.557	112	927711	53.10	UG/L		96
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	307256	54.44	UG/L		99
66) ETHYLBENZENE	7.677	91	1578838	52.48	UG/L		99
67) M/P-XYLENES	7.794	91	2416601	106.30	UG/L		87
68) 0-XYLENE	8.179	91	1301378	52.22	UG/L		97
69) STYRENE	8.195	104	1024083	52.63	UG/L	#	86
70) BROMOFORM	8.363	173	206132	43.08	UG/L		99
71) ISOPROPYLBENZENE	8.549	105	1223479	54.52	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	191033	59.43	UG/L	#	68
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	428018	50.39	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	163167	57.38	UG/L	#	84
75) BROMOBENZENE	8.823	77	648954	50.05	UG/L		94
76) 1,2,3-TRICHLOROPROPANE	8.887	110	123191	51.88	UG/L		100
77) N-PROPYLBENZENE	8.954	91	1667863	55.31	UG/L		100
78) 2-CHLOROT0LUENE	9.024	91	1093158	54.01	UG/L		98
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	1168420	53.60	UG/L		97
80) 4-CHLOROTOLUENE	9.132	91	1240403	52.65	UG/L		96
82) TERT-BUTYLBENZENE	9.450	119	920178	50.56	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.500	105	1246085	49.12	UG/L		98
84) SEC-BUTYLBENZENE	9.668	105	1282953	50.55	UG/L		100
85) 1,3-DICHLOROBENZENE	9.757	146	747486	52.64	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	1025529	51.11	UG/L		98
87) 1,4-DICHLOROBENZENE	9.846	146	756750	51.67	UG/L		98
88) N-BUTYLBENZENE	10.223	91	987163	50.35	UG/L		99
89) 1,2-DICHLOROBENZENE	10.209	146	729811	52.06	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	56788	42.74	UG/L		89
91) 1,3,5-TRICHLOROBENZENE	11.190	180	456689	56.11	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	392924	53.43	UG/L		98
93) HEXACHLOROBUTADIENE	11.982	225	169276	62.94	UG/L		99
94) NAPHTHALENE	12.035	128	846420	43.78	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	299544	51.33	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168016.D
Acq On : 17 Jun 2011 1:42 pm
Operator : LBD/MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 14:12:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168017.D
Acq On : 17 Jun 2011 2:14 pm
Operator : LBD/MFF
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 20 12:19:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	469067	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.684	114	776154	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	400144	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	371939	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	260044	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
42) TOLUENE-D8 SS	6.132	98	748660	24.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	311802	24.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.12%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	773852	127.29	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	1259087	104.25	UG/L		97
5) CHLOROMETHANE	1.135	50	872508	67.00	UG/L		95
6) VINYL CHLORIDE	1.188	62	683643	97.42	UG/L		99
7) BROMOMETHANE	1.363	94	366303	113.72	UG/L		99
8) CHLOROETHANE	1.425	64	335430	94.57	UG/L		100
9) FLUORODICHLOROMETHANE	1.533	67	938882	103.11	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	769402	113.73	UG/L		100
11) DI ETHYL ETHER	1.742	59	465395	92.87	UG/L	#	78
12) ACROLEIN	1.826	56	476880	682.20	UG/L	#	95
13) ACETONE	1.927	43	1947067	933.47	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.887	61	806969	100.78	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	384153	106.67	UG/L		96
16) IODOMETHANE	1.996	142	6406972	971.11	UG/L		86
17) METHYL ACETATE	2.155	43	1205002m	81.89	UG/L		
18) T-BUTYL ALCOHOL	2.331	59	456991	687.96	UG/L	#	73
19) ACRYLONITRILE	2.428	53	279695	90.49	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	899855	91.44	UG/L	#	70
21) CARBON DISULFIDE	2.041	76	10615335	903.23	UG/L	#	75
22) METHYL TERT-BUTYL ETHE...	2.454	73	1385735	85.31	UG/L		92
23) TRANS 1,2-DICHLOROETHENE	2.445	61	731975	97.38	UG/L		85
24) 1,1-DICHLOROETHANE	2.822	63	941677	88.07	UG/L		100
25) VINYL ACETATE	2.886	43	13396173	1097.56	UG/L	#	77
26) DI ISOPROPYL ETHER	2.905	45	2111145	82.17	UG/L	#	74
27) 2-BUTANONE	3.449	43	4231541	996.81	UG/L	#	87
28) T-BUTYL ETHYL ETHER	3.279	59	2357604	87.92	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	1182691	96.61	UG/L		93
30) 2,2-DICHLOROPROPANE	3.404	77	699996	87.86	UG/L		99
31) ETHYL ACETATE	3.519	43	980257	91.50	UG/L	#	90
32) BROMOCHLOROMETHANE	3.650	128	285072	85.13	UG/L	#	75
33) TETRAHYDROFURAN	3.708	42	288361	92.57	UG/L	#	86
34) CHLOROFORM	3.742	83	1112329	93.76	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.912	97	928493	97.23	UG/L		97
36) CYCLOHEXANE	3.957	56	1100199	98.25	UG/L	#	85
37) CARBON TETRACHLORIDE	4.074	117	755970	104.98	UG/L		99
38) 1,1-DICHLOROPROPENE	4.079	75	806676	95.09	UG/L		98
39) BENZENE	4.283	78	2585544	90.95	UG/L		100
40) T-AMYLMETHYL ETHER	4.422	73	1562158	79.76	UG/L	#	83
43) 1,2-DICHLOROETHANE	4.311	62	1044601	101.74	UG/L		93
44) TRICHLOROETHENE	4.930	95	657188	95.77	UG/L		97
45) METHYLCYCLOHEXANE	5.108	83	773021	102.97	UG/L	#	84
46) 1,2-DICHLOROPROPANE	5.153	63	739280	96.05	UG/L	#	85
47) DIBROMOMETHANE	5.265	93	420573	96.36	UG/L		96

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168017.D
Acq On : 17 Jun 2011 2:14 pm
Operator : LBD/MFF
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 20 12:19:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

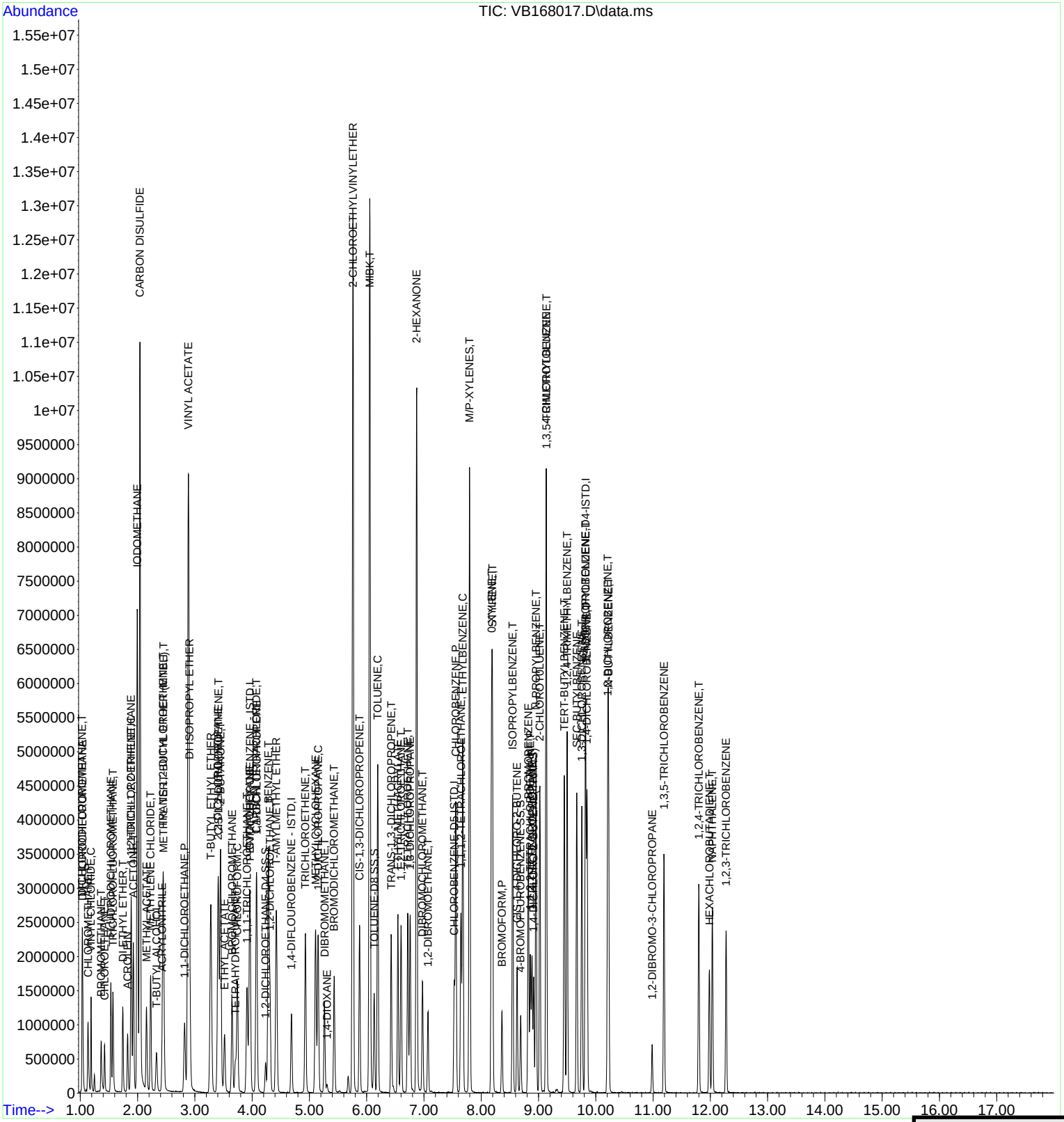
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,4-DIOXANE	5.306	88	50834	750.62 UG/L #	89
49) BROMODICHLOROMETHANE	5.432	83	881787	103.38 UG/L	99
50) 2-CHLOROETHYLVINYLETHER	5.761	63	4657306	891.54 UG/L #	49
51) MIBK	6.054	43	8617823	996.91 UG/L #	71
52) CIS-1,3-DICHLOROPROPENE	5.875	75	995963	97.90 UG/L #	72
53) TOLUENE	6.193	91	2773867	94.62 UG/L	100
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	874765	99.97 UG/L #	75
55) ETHYL METHACRYLATE	6.544	41	896082	116.06 UG/L #	60
56) 1,1,2-TRICHLOROETHANE	6.600	97	616136	96.25 UG/L	99
57) 2-HEXANONE	6.874	43	6299222	1030.34 UG/L #	72
58) TETRACHLOROETHENE	6.717	164	493198	99.74 UG/L	97
59) 1,3-DICHLOROPROPANE	6.759	76	1077110	96.35 UG/L #	73
60) DIBROMOCHLOROMETHANE	6.974	129	660727	107.68 UG/L	99
61) 1,2-DIBROMOETHANE	7.072	107	665394	101.19 UG/L	99
64) CHLOROBENZENE	7.557	112	1829866	100.53 UG/L	97
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	631159	107.33 UG/L	98
66) ETHYLBENZENE	7.677	91	3074318	98.07 UG/L	99
67) M/P-XYLENES	7.797	91	4620083	195.06 UG/L	88
68) 0-XYLENE	8.181	91	2506323	96.53 UG/L	98
69) STYRENE	8.195	104	1970846	97.21 UG/L #	86
70) BROMOFORM	8.363	173	454761	89.98 UG/L	100
71) ISOPROPYLBENZENE	8.550	105	2430905	103.96 UG/L	100
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	394729	117.86 UG/L #	73
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	836329	94.50 UG/L	100
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	343083	115.81 UG/L	88
75) BROMOBENZENE	8.823	77	1271072	94.10 UG/L	94
76) 1,2,3-TRICHLOROPROPANE	8.887	110	246022	99.44 UG/L	99
77) N-PROPYLBENZENE	8.957	91	3279030	104.36 UG/L	100
78) 2-CHLOROT0LUENE	9.024	91	2129622	100.99 UG/L	99
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	2256006	99.32 UG/L	98
80) 4-CHLOROTOLUENE	9.135	91	2377425	96.85 UG/L	97
82) TERT-BUTYLBENZENE	9.450	119	1839800	100.45 UG/L	97
83) 1,2,4-TRIMETHYLBENZENE	9.500	105	2448031	95.88 UG/L	98
84) SEC-BUTYLBENZENE	9.668	105	2550896	99.87 UG/L	100
85) 1,3-DICHLOROBENZENE	9.757	146	1470263	102.89 UG/L	98
86) P-ISOPROPYLTOLUENE	9.818	119	2093659	103.68 UG/L	98
87) 1,4-DICHLOROBENZENE	9.846	146	1496025	101.50 UG/L	98
88) N-BUTYLBENZENE	10.223	91	1951764	98.92 UG/L	99
89) 1,2-DICHLOROBENZENE	10.209	146	1434073	101.64 UG/L	98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	126832	94.84 UG/L	90
91) 1,3,5-TRICHLOROBENZENE	11.190	180	930036	113.54 UG/L	99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	798654	107.91 UG/L	98
93) HEXACHLOROBUTADIENE	11.985	225	337017	124.52 UG/L	99
94) NAPHTHALENE	12.035	128	1731145	88.98 UG/L	99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	606057	103.20 UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168017.D
Acq On : 17 Jun 2011 2:14 pm
Operator : LBD/MFF
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 20 12:19:45 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168018.D
Acq On : 17 Jun 2011 2:45 pm
Operator : LBD/MFF
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 12:20:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.968	168	480555	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	814387	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	419066	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.827	152	384599	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	270487	25.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.92%				
42) TOLUENE-D8 SS	6.135	98	781099	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
63) 4-BROMOFLUROBENZENE SS	8.692	95	332236	24.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	1452613	233.23	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	2434127	196.72	UG/L		97
5) CHLOROMETHANE	1.134	50	1890442	141.70	UG/L		96
6) VINYL CHLORIDE	1.187	62	1326423	184.50	UG/L		99
7) BROMOMETHANE	1.358	94	525018	159.09	UG/L		97
8) CHLOROETHANE	1.416	64	628782	174.20	UG/L		99
9) FLUORODICHLOROMETHANE	1.530	67	1848285	198.14	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.567	101	1515115	218.60	UG/L		100
11) DI ETHYL ETHER	1.742	59	943800	183.83	UG/L	#	78
12) ACROLEIN	1.826	56	1191665	1663.99	UG/L		95
13) ACETONE	1.926	43	3851266	1802.26	UG/L	#	72
14) 1,1-DICHLOROETHENE	1.887	61	1574114	191.89	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	746885	202.44	UG/L		96
16) IODOMETHANE	1.993	142	11891483	1759.31	UG/L	#	84
17) METHYL ACETATE	2.155	43	2492762	165.36	UG/L	#	81
18) T-BUTYL ALCOHOL	2.336	59	972246	1428.64	UG/L	#	77
19) ACRYLONITRILE	2.428	53	549125	173.40	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	1792323	177.78	UG/L	#	70
21) CARBON DISULFIDE	2.032	76	15792649	1311.62	UG/L	#	80
22) METHYL TERT-BUTYL ETHE...	2.451	73	2781666	167.15	UG/L		93
23) TRANS 1,2-DICHLOROETHENE	2.442	61	1426797	185.27	UG/L		86
24) 1,1-DICHLOROETHANE	2.822	63	1905389	173.93	UG/L		99
25) VINYL ACETATE	2.880	43	21435044	1714.20	UG/L	#	80
26) DI ISOPROPYL ETHER	2.908	45	4039537	153.46	UG/L	#	74
27) 2-BUTANONE	3.452	43	8413253	1934.51	UG/L	#	86
28) T-BUTYL ETHYL ETHER	3.279	59	4852672	176.63	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	2333067	186.03	UG/L		92
30) 2,2-DICHLOROPROPANE	3.404	77	1469029	179.98	UG/L		98
31) ETHYL ACETATE	3.519	43	2019167	183.97	UG/L	#	91
32) BROMOCHLOROMETHANE	3.653	128	558553	162.82	UG/L	#	76
33) TETRAHYDROFURAN	3.708	42	591925	185.48	UG/L	#	86
34) CHLOROFORM	3.742	83	2247642	184.93	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	1903013	194.52	UG/L		97
36) CYCLOHEXANE	3.957	56	2172185	189.35	UG/L	#	85
37) CARBON TETRACHLORIDE	4.071	117	1544981	209.43	UG/L		100
38) 1,1-DICHLOROPROPENE	4.079	75	1576225	181.36	UG/L		98
39) BENZENE	4.286	78	5039184	173.02	UG/L		100
40) T-AMYLMETHYL ETHER	4.422	73	3261957	162.57	UG/L	#	87
43) 1,2-DICHLOROETHANE	4.314	62	2093719	194.34	UG/L		93
44) TRICHLOROETHENE	4.930	95	1304662	181.20	UG/L		99
45) METHYLCYCLOHEXANE	5.108	83	1517942	192.70	UG/L	#	84
46) 1,2-DICHLOROPROPANE	5.153	63	1462080	181.04	UG/L	#	86
47) DIBROMOMETHANE	5.262	93	851064	185.84	UG/L		98

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168018.D
Acq On : 17 Jun 2011 2:45 pm
Operator : LBD/MFF
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 12:20:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration

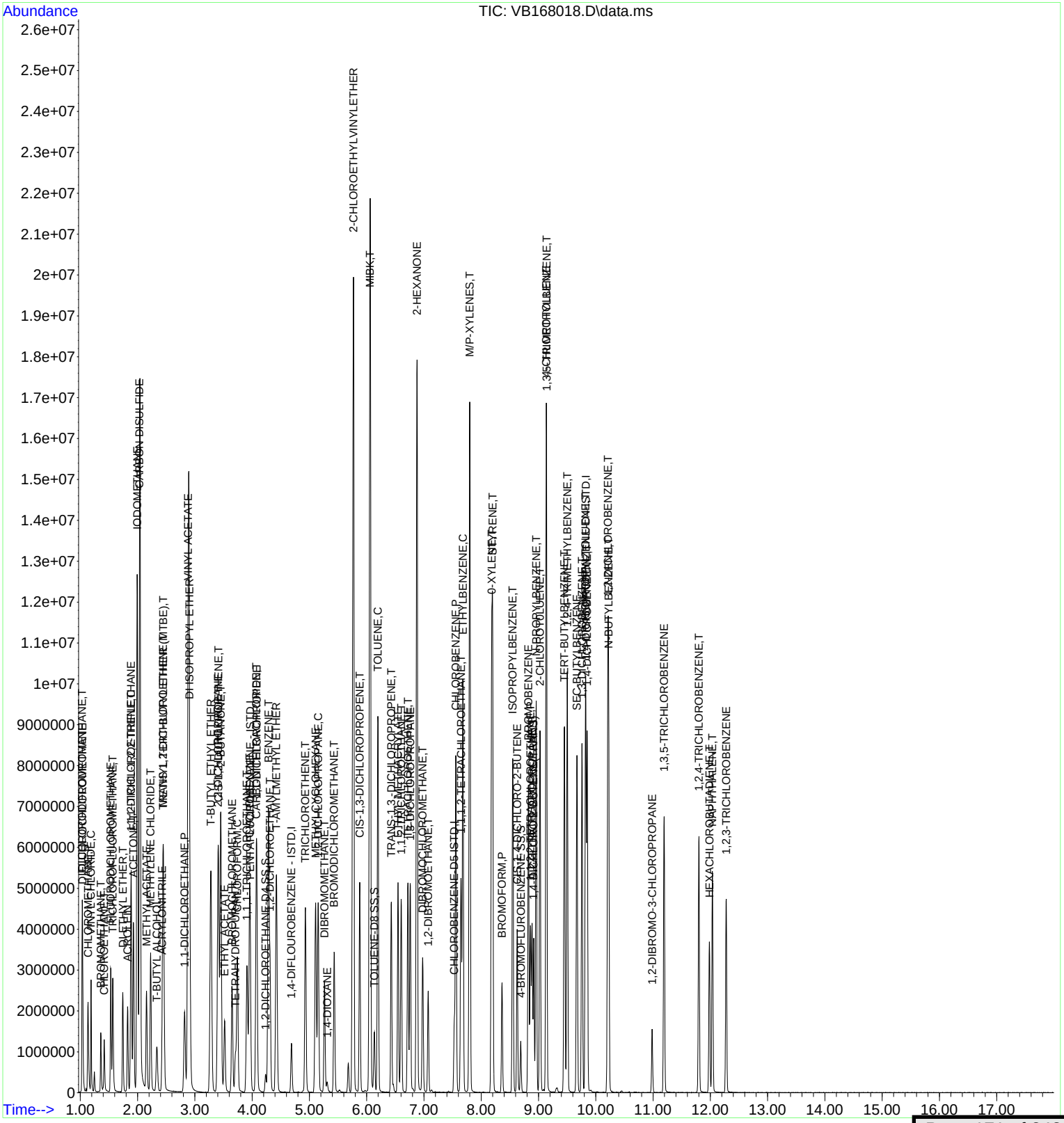
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.312	88	111193	1564.80	UG/L	#	91
49) BROMODICHLOROMETHANE	5.432	83	1827802	204.23	UG/L		100
50) 2-CHLOROETHYLVINYLETHER	5.769	63	8373113	1527.61	UG/L	#	52
51) MIBK	6.059	43	15479285	1706.58	UG/L	#	73
52) CIS-1,3-DICHLOROPROPENE	5.878	75	2061039	193.08	UG/L	#	71
53) TOLUENE	6.196	91	5418930	176.16	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.430	75	1846109	201.08	UG/L	#	75
55) ETHYL METHACRYLATE	6.547	41	1835712	226.60	UG/L	#	60
56) 1,1,2-TRICHLOROETHANE	6.603	97	1234504	183.79	UG/L		99
57) 2-HEXANONE	6.879	43	11803281	1839.98	UG/L	#	73
58) TETRACHLOROETHENE	6.720	164	1004970	193.70	UG/L		99
59) 1,3-DICHLOROPROPANE	6.762	76	2121937	180.90	UG/L	#	72
60) DIBROMOCHLOROMETHANE	6.977	129	1409229	218.88	UG/L		100
61) 1,2-DIBROMOETHANE	7.074	107	1350867	195.79	UG/L		100
64) CHLOROBENZENE	7.557	112	3670897	192.57	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	1308782	212.52	UG/L		99
66) ETHYLBENZENE	7.679	91	6028938	183.65	UG/L		100
67) M/P-XYLENES	7.799	91	8799829	354.75	UG/L		89
68) 0-XYLENE	8.181	91	4909167	180.53	UG/L		98
69) STYRENE	8.198	104	3850608	181.34	UG/L	#	86
70) BROMOFORM	8.363	173	1025952	192.54	UG/L		100
71) ISOPROPYLBENZENE	8.549	105	4830299	197.25	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	838476	239.06	UG/L	#	78
73) 1,1,2,2-TETRACHLOROETHANE	8.859	83	1709219	184.41	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	732287	236.02	UG/L		91
75) BROMOBENZENE	8.823	77	2535290	179.21	UG/L		97
76) 1,2,3-TRICHLOROPROPANE	8.887	110	495574	191.25	UG/L		99
77) N-PROPYLBENZENE	8.959	91	6477136	196.84	UG/L		99
78) 2-CHLOROT0LUENE	9.026	91	4280503	193.83	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.141	105	4421469	185.87	UG/L		98
80) 4-CHLOROTOLUENE	9.135	91	4616175	179.56	UG/L		97
82) TERT-BUTYLBENZENE	9.453	119	3742566	197.62	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.503	105	4879811	184.84	UG/L		99
84) SEC-BUTYLBENZENE	9.671	105	5103734	193.24	UG/L		99
85) 1,3-DICHLOROBENZENE	9.760	146	3019655	204.35	UG/L		98
86) P-ISOPROPYLTOLUENE	9.821	119	4247621	203.42	UG/L		98
87) 1,4-DICHLOROBENZENE	9.849	146	3066423	201.19	UG/L		98
88) N-BUTYLBENZENE	10.225	91	3819787	187.22	UG/L		99
89) 1,2-DICHLOROBENZENE	10.211	146	2914496	199.77	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	283522	205.03	UG/L		91
91) 1,3,5-TRICHLOROBENZENE	11.193	180	1893095	223.50	UG/L		100
92) 1,2,4-TRICHLOROBENZENE	11.801	180	1643615	214.77	UG/L		99
93) HEXACHLOROBUTADIENE	11.985	225	704200	251.62	UG/L		100
94) NAPHTHALENE	12.035	128	3533673	175.65	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.278	180	1250217	205.88	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168018.D
Acq On : 17 Jun 2011 2:45 pm
Operator : LBD/MFF
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 12:20:44 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0519W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Jun 01 15:03:46 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168021.D
Acq On : 17 Jun 2011 4:19 pm
Operator : LBD/MFF
Sample : B032198-BS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 14:20:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	462453	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	745313	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	377671	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	358682	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	255693	24.69	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.76%				
42) TOLUENE-D8 SS	6.126	98	719670	25.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	287923	24.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	61141	8.24	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	73322	5.78	UG/L		99
5) CHLOROMETHANE	1.135	50	58478	6.52	UG/L		97
6) VINYL CHLORIDE	1.188	62	55463	8.18	UG/L		98
7) BROMOMETHANE	1.372	94	17098	5.00	UG/L		88
8) CHLOROETHANE	1.428	64	30195	8.53	UG/L		97
9) FLUORODICHLOROMETHANE	1.536	67	71526	7.59	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.573	101	68855	9.00	UG/L		98
11) DI ETHYL ETHER	1.743	59	47402	9.80	UG/L		99
12) ACROLEIN	1.826	56	19716	40.61	UG/L	#	100
13) ACETONE	1.927	43	281098	125.51	UG/L		100
14) 1,1-DICHLOROETHENE	1.890	61	80000	9.86	UG/L		98
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	37964	9.42	UG/L		98
16) IODOMETHANE	2.002	142	110181	5.94	UG/L		88
17) METHYL ACETATE	2.158	43	85364	6.29	UG/L		99
18) T-BUTYL ALCOHOL	2.334	59	37674	75.43	UG/L	#	90
19) ACRYLONITRILE	2.431	53	25482	8.20	UG/L		97
20) METHYLENE CHLORIDE	2.228	49	96109	10.00	UG/L		99
21) CARBON DISULFIDE	2.041	76	111646	11.12	UG/L		95
22) METHYL TERT-BUTYL ETHE...	2.454	73	134664	9.32	UG/L		99
23) TRANS 1,2-DICHLOROETHENE	2.445	61	80299	10.74	UG/L		99
24) 1,1-DICHLOROETHANE	2.822	63	94200	9.85	UG/L		98
25) VINYL ACETATE	2.883	43	1303395	94.41	UG/L		96
26) DI ISOPROPYL ETHER	2.906	45	205262	9.06	UG/L		100
27) 2-BUTANONE	3.449	43	436902	100.87	UG/L		100
28) T-BUTYL ETHYL ETHER	3.279	59	183024	8.32	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.410	61	113170	9.59	UG/L		97
30) 2,2-DICHLOROPROPANE	3.402	77	56209	9.63	UG/L		98
31) ETHYL ACETATE	3.516	43	75884	7.18	UG/L		99
32) BROMOCHLOROMETHANE	3.647	128	31452	10.61	UG/L		99
33) TETRAHYDROFURAN	3.711	42	23365	7.81	UG/L	#	61
34) CHLOROFORM	3.739	83	111848	10.10	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.912	97	80097	10.22	UG/L		95
36) CYCLOHEXANE	3.960	56	111743	9.76	UG/L		94
37) CARBON TETRACHLORIDE	4.068	117	63857	9.31	UG/L		100
38) 1,1-DICHLOROPROPENE	4.074	75	82368	10.20	UG/L		100
39) BENZENE	4.283	78	261114	10.15	UG/L		100
40) T-AMYLMETHYL ETHER	4.423	73	133173	9.46	UG/L	#	86
43) 1,2-DICHLOROETHANE	4.311	62	104834	9.96	UG/L		97
44) TRICHLOROETHENE	4.927	95	65480	10.28	UG/L		100
45) METHYLCYCLOHEXANE	5.106	83	66982	9.52	UG/L		99
46) 1,2-DICHLOROPROPANE	5.150	63	72588	10.20	UG/L		97
47) DIBROMOMETHANE	5.262	93	41966	10.42	UG/L		98

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168021.D
Acq On : 17 Jun 2011 4:19 pm
Operator : LBD/MFF
Sample : B032198-BS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 14:20:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	3759	78.44	UG/L	#	55
49) BROMODICHLOROMETHANE	5.432	83	70531	10.96	UG/L		99
50) 2-CHLOROETHYLVINYLETHER	5.750	63	975	0.20	UG/L		98
51) MIBK	6.048	43	839624	95.86	UG/L		96
52) CIS-1,3-DICHLOROPROPENE	5.875	75	78445	8.69	UG/L		98
53) TOLUENE	6.191	91	280772	10.39	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	66663	9.25	UG/L		96
55) ETHYL METHACRYLATE	6.545	41	70168	8.99	UG/L		97
56) 1,1,2-TRICHLOROETHANE	6.600	97	62490	10.17	UG/L		99
57) 2-HEXANONE	6.868	43	602055	99.24	UG/L		98
58) TETRACHLOROETHENE	6.715	164	50016	10.58	UG/L		98
59) 1,3-DICHLOROPROPANE	6.759	76	104952	9.78	UG/L		98
60) DIBROMOCHLOROMETHANE	6.974	129	46928	10.48	UG/L		99
61) 1,2-DIBROMOETHANE	7.066	107	62100	10.23	UG/L		99
64) CHLOROBENZENE	7.554	112	181352	10.26	UG/L		95
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	54319	10.16	UG/L		98
66) ETHYLBENZENE	7.677	91	303960	10.56	UG/L		100
67) M/P-XYLENES	7.794	91	479424	21.84	UG/L		99
68) 0-XYLENE	8.179	91	249979	11.01	UG/L		100
69) STYRENE	8.196	104	192254	10.91	UG/L		99
70) BROMOFORM	8.357	173	27233	8.56	UG/L		97
71) ISOPROPYLBENZENE	8.550	105	261801	12.44	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	21742	6.91	UG/L	#	70
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	79345	9.53	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.909	53	22511	7.94	UG/L	#	79
75) BROMOBENZENE	8.820	77	122799	9.98	UG/L		95
76) 1,2,3-TRICHLOROPROPANE	8.882	110	22800	9.02	UG/L		78
77) N-PROPYLBENZENE	8.954	91	316662	10.56	UG/L		98
78) 2-CHLOROT0LUENE	9.024	91	210469	10.54	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	217695	10.50	UG/L		99
80) 4-CHLOROTOLUENE	9.133	91	249288	11.03	UG/L		100
82) TERT-BUTYLBENZENE	9.450	119	167699	10.43	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	234816	10.80	UG/L		98
84) SEC-BUTYLBENZENE	9.665	105	236375	10.69	UG/L		98
85) 1,3-DICHLOROBENZENE	9.757	146	144022	10.31	UG/L		99
86) P-ISOPROPYLTOLUENE	9.819	119	197050	10.60	UG/L		98
87) 1,4-DICHLOROBENZENE	9.846	146	147103	9.94	UG/L		97
88) N-BUTYLBENZENE	10.223	91	181725	10.66	UG/L		99
89) 1,2-DICHLOROBENZENE	10.212	146	138104	9.96	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	8380	9.42	UG/L		95
91) 1,3,5-TRICHLOROBENZENE	11.191	180	78983	9.45	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.801	180	72082	9.50	UG/L		99
93) HEXACHLOROBUTADIENE	11.980	225	37565	11.69	UG/L		98
94) NAPHTHALENE	12.036	128	144547	9.15	UG/L		100
95) 1,2,3-TRICHLOROBENZENE	12.278	180	63013	10.32	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\ARCHIVE\061711\
Data File : VB168021.D
Acq On : 17 Jun 2011 4:19 pm
Operator : LBD/MFF
Sample : B032198-BS1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 14:20:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
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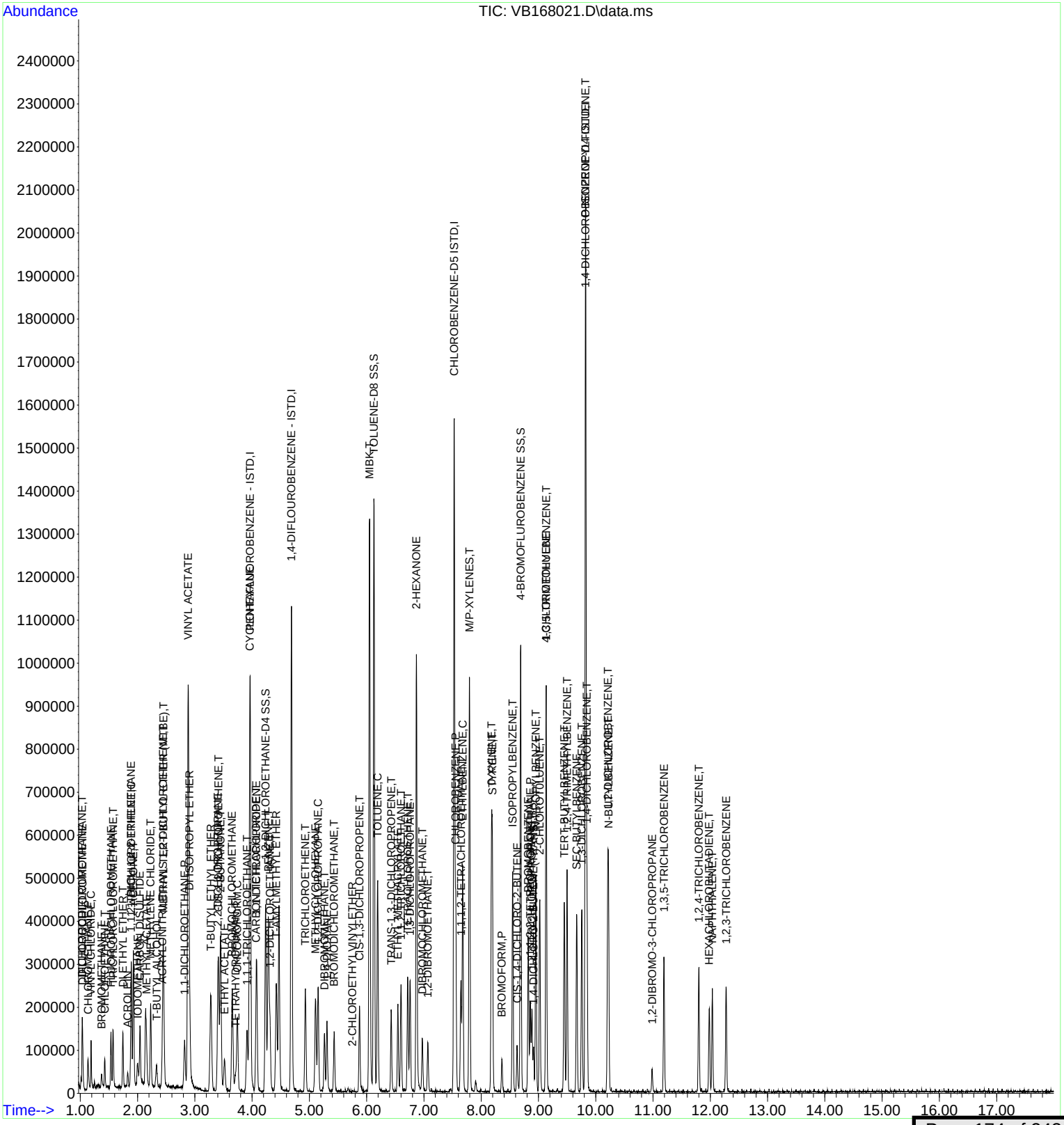

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB230002.D	Calibration Date:	07/27/11 15:03
Sequence:	S001081	Injection Date:	08/18/11
Lab Sample ID:	S001081-CCV1	Injection Time:	10:46

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	114	0.1452923	0.1654864		13.9	20	
Acrylonitrile	A	10.0	11.0	0.201569	0.2223897		10.3	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	8.46	0.9133338	0.7725624		-15.4	20	
Benzene	A	10.0	8.85	1.669467	1.477579		-11.5	20	
Bromobenzene	A	10.0	10.1	0.9777632	0.9864117		0.9	20	
Bromochloromethane	A	10.0	10.2	0.1923549	0.1952057		1.5	20	
Bromodichloromethane	A	10.0	10.8	0.25899	0.2807189		8.4	20	
Bromoform	L	10.0	8.73	0.2281527	0.222484		-12.7	20	
Bromomethane	A	10.0	8.30	0.2216584	0.1840345		-17.0	20	
2-Butanone (MEK)	A	100	98.5	0.2809751	0.2768078		-1.5	20	
tert-Butyl Alcohol (TBA)	A	100	129	3.239931E-02	4.173153E-02		28.8	20	*
n-Butylbenzene	A	10.0	9.56	1.425837	1.363293		-4.4	20	
sec-Butylbenzene	A	10.0	9.55	1.849629	1.766916		-4.5	20	
tert-Butylbenzene	A	10.0	9.86	1.345063	1.326144		-1.4	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.83	1.426552	1.2595		-11.7	20	
Carbon Disulfide	A	100	116	0.6515737	0.7553805		15.9	20	
Carbon Tetrachloride	A	10.0	8.95	0.4450766	0.3981815		-10.5	20	
Chlorobenzene	A	10.0	11.3	1.403769	1.581193		12.6	20	
Chlorodibromomethane	A	10.0	11.2	0.1801905	0.2024828		12.4	20	
Chloroethane	A	10.0	10.7	0.2296499	0.2450352		6.7	20	
Chloroform	A	10.0	9.17	0.7187301	0.6591013		-8.3	20	
Chloromethane	A	10.0	10.3	0.5815776	0.599979		3.2	20	
2-Chlorotoluene	A	10.0	11.0	1.586037	1.738862		9.6	20	
4-Chlorotoluene	A	10.0	11.2	1.795125	2.01989		12.5	20	

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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB230002.D	Calibration Date:	07/27/11 15:03
Sequence:	S001081	Injection Date:	08/18/11
Lab Sample ID:	S001081-CCV1	Injection Time:	10:46

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	9.51	7.444275E-02	7.077937E-02		-4.9	20	
1,2-Dibromoethane (EDB)	A	10.0	11.4	0.2443295	0.2773431		13.5	20	
Dibromomethane	A	10.0	10.5	0.1621583	0.1708908		5.4	20	
1,2-Dichlorobenzene	A	10.0	10.2	1.159424	1.181695		1.9	20	
1,3-Dichlorobenzene	A	10.0	10.2	1.168051	1.192775		2.1	20	
1,4-Dichlorobenzene	A	10.0	9.98	1.237775	1.235457		-0.2	20	
trans-1,4-Dichloro-2-butene	A	10.0	10.6	0.2252608	0.2388925		6.1	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	9.20	0.48164	0.4432685		-8.0	20	
1,1-Dichloroethane	A	10.0	10.7	0.6201722	0.6623622		6.8	20	
1,2-Dichloroethane	A	10.0	10.9	0.4234997	0.4617532		9.0	20	
1,1-Dichloroethylene	A	10.0	11.2	0.5264971	0.587542		11.6	20	
cis-1,2-Dichloroethylene	A	10.0	9.23	0.7658819	0.7070233		-7.7	20	
trans-1,2-Dichloroethylene	A	10.0	11.1	0.4848706	0.5383541		11.0	20	
1,2-Dichloropropane	A	10.0	9.97	0.2864455	0.2855829		-0.3	20	
1,3-Dichloropropane	A	10.0	11.0	0.4319773	0.4768898		10.4	20	
2,2-Dichloropropane	A	10.0	10.2	0.3787333	0.3855754		1.8	20	
1,1-Dichloropropene	A	10.0	9.10	0.5237433	0.4763618		-9.0	20	
cis-1,3-Dichloropropene	L	10.0	8.73	0.3100981	0.3173202		-12.7	20	
trans-1,3-Dichloropropene	L	10.0	9.26	0.2432209	0.268704		-7.4	20	
Diethyl Ether	A	10.0	11.2	0.3137275	0.3505453		11.7	20	
Diisopropyl Ether (DIPE)	A	10.0	11.1	1.469231	1.627114		10.7	20	
1,4-Dioxane	A	100	160	1.928818E-03	3.083382E-03		59.9	20	*
Ethylbenzene	A	10.0	10.9	2.286557	2.491657		9.0	20	
Hexachlorobutadiene	A	10.0	9.90	0.2687136	0.2659579		-1.0	20	
2-Hexanone (MBK)	A	100	134	0.2441964	0.3264622		33.7	20	*

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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB230002.D	Calibration Date:	07/27/11 15:03
Sequence:	S001081	Injection Date:	08/18/11
Lab Sample ID:	S001081-CCV1	Injection Time:	10:46

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.6	1.671789	1.778187		6.4	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.56	1.554926	1.486681		-4.4	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.4	0.9371012	0.9747683		4.0	20	
Methylene Chloride	A	10.0	11.6	0.6234838	0.7223304		15.9	20	
4-Methyl-2-pentanone (MIBK)	A	100	117	0.3525659	0.4116761		16.8	20	
Naphthalene	A	10.0	7.94	1.321474	1.048596		-20.6	20	*
n-Propylbenzene	A	10.0	10.6	2.381649	2.516036		5.6	20	
Styrene	A	10.0	11.6	1.399753	1.630771		16.5	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.6	0.424554	0.4516677		6.4	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.2	0.6611161	0.6723752		1.7	20	
Tetrachloroethylene	A	10.0	11.8	0.1903287	0.2250042		18.2	20	
Tetrahydrofuran	A	10.0	8.69	0.1941693	0.1687917		-13.1	20	
Toluene	A	10.0	10.4	1.087647	1.125598		3.5	20	
1,2,3-Trichlorobenzene	A	10.0	7.07	0.5108128	0.3612113		-29.3	20	*
1,2,4-Trichlorobenzene	A	10.0	8.38	0.6346014	0.5318709		-16.2	20	
1,3,5-Trichlorobenzene	A	10.0	9.74	0.6991139	0.6810212		-2.6	20	
1,1,1-Trichloroethane	A	10.0	10.1	0.5084648	0.5128677		0.9	20	
1,1,2-Trichloroethane	A	10.0	11.5	0.2473233	0.2848852		15.2	20	
Trichloroethylene	A	10.0	10.3	0.2565092	0.26434		3.1	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.4	0.4960794	0.5152886		3.9	20	
1,2,3-Trichloropropane	A	10.0	10.8	0.2007954	0.2177597		8.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.8	0.2613222	0.2833787		8.4	20	
1,2,4-Trimethylbenzene	A	10.0	10.7	1.818957	1.938489		6.6	20	

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7 - FORM VII

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Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB230002.D	Calibration Date:	07/27/11 15:03
Sequence:	S001081	Injection Date:	08/18/11
Lab Sample ID:	S001081-CCV1	Injection Time:	10:46

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	11.2	1.646985	1.83824		11.6	20
Vinyl Chloride	A	10.0	10.0	0.4396236	0.4400659		0.1	20
m+p Xylene	A	20.0	23.0	1.743776	2.009381		15.2	20
o-Xylene	A	10.0	11.3	1.803451	2.033465		12.8	20
1,2-Dichloroethane-d4	A	25.0	21.8	0.6718652	0.5869995		-12.6	
Toluene-d8	A	25.0	24.0	1.158452	1.113241		-3.9	
4-Bromofluorobenzene	A	25.0	25.3	0.9177798	0.9298524		1.3	

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

* Values outside of QC limits

Evaluate Continuing Calibration Report

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230002.D
Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	PENTAFLUOROBENZENE - ISTD	1.000	1.000	0.0	113	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	0.672	0.587	12.6	99	0.00
3	T	DICHLORODIFLOUROMETHANE	0.482	0.443	8.1	100	0.00
4		DIFLUOROCHLOROMETHANE	0.822	0.764	7.1	103	0.00
5	P	CHLOROMETHANE	0.582	0.600	-3.1	130	0.00
6	C	VINYL CHLORIDE	0.440	0.440	0.0	111	0.00
7	T	BROMOMETHANE	0.222	0.184	17.1	100	0.00
8	T	CHLOROETHANE	0.230	0.245	-6.5	120	0.00
9		FLUORODICHLOROMETHANE	0.612	0.667	-9.0	118	0.00
10	T	TRICHLOROFLUOROMETHANE	0.496	0.515	-3.8	112	0.00
11	T	DI ETHYL ETHER	0.314	0.351	-11.8	130	0.00
12		ACROLEIN	0.031	0.050#	-61.3#	200#	0.00
13	T	ACETONE	0.145	0.165	-13.8	133	0.00
14	C	1,1-DICHLOROETHENE	0.526	0.588	-11.8	122	0.00
15		1,1,2-TRICL-1,2,2-TRIFLETHA	0.261	0.283	-8.4	126	0.00
16		IODOMETHANE	0.385	0.441	-14.5	134	0.00
17		METHYL ACETATE	0.881	0.980	-11.2	132	0.00
18		T-BUTYL ALCOHOL	0.032	0.042#	-31.3#	147	0.00
19		ACRYLONITRILE	0.202	0.222	-9.9	127	0.00
20	T	METHYLENE CHLORIDE	0.623	0.722	-15.9	123	0.00
21		CARBON DISULFIDE	0.652	0.755	-15.8	114	0.00
22	T	METHYL TERT-BUTYL ETHER (MT	0.937	0.975	-4.1	118	0.00
23	T	TRANS 1,2-DICHLOROETHENE	0.485	0.538	-10.9	122	0.00
24	P	1,1-DICHLOROETHANE	0.620	0.662	-6.8	120	0.00
25		VINYL ACETATE	0.896	1.044	-16.5	129	0.00
26		DI ISOPROPYL ETHER	1.469	1.627	-10.8	124	0.00
27	T	2-BUTANONE	0.281	0.277	1.4	108	0.00
28		T-BUTYL ETHYL ETHER	1.427	1.260	11.7	98	0.00
29	T	CIS-1,2-DICHLOROETHENE	0.766	0.707	7.7	101	0.00
30		2,2-DICHLOROPROPANE	0.379	0.386	-1.8	112	0.00
31		ETHYL ACETATE	0.686	0.680	0.9	114	0.00
32		BROMOCHLOROMETHANE	0.192	0.195	-1.6	109	0.00
33	T	TETRAHYDROFURAN	0.194	0.169	12.9	106	0.00
34	C	CHLOROFORM	0.719	0.659	8.3	100	0.00
35	T	1,1,1-TRICHLOROETHANE	0.508	0.513	-1.0	109	0.00
36		CYCLOHEXANE	0.742	0.630	15.1	92	0.00
37	T	CARBON TETRACHLORIDE	0.445	0.398	10.6	108	0.00
38		1,1-DICHLOROPROPENE	0.524	0.476	9.2	100	0.00
39	T	BENZENE	1.669	1.478	11.4	96	0.00
40		T-AMYLMETHYL ETHER	0.913	0.773	15.3	94	0.00
41	I	1,4-DIFLOUROBENZENE - ISTD	1.000	1.000	0.0	102	0.00
42	S	TOLUENE-D8 SS	1.158	1.113	3.9	99	0.00
43	T	1,2-DICHLOROETHANE	0.423	0.462	-9.2	107	0.00
44	T	TRICHLOROETHENE	0.257	0.264	-2.7	101	0.00
45		METHYLCYCLOHEXANE	0.283	0.259	8.5	87	0.00
46	C	1,2-DICHLOROPROPANE	0.286	0.286	0.0	96	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230002.D
Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
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Response via : Initial Calibration

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Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	DIBROMOMETHANE	0.162	0.171	-5.6	103	0.00
48		1,4-DIOXANE	0.002	0.003#	-50.0#	154	0.00
49	T	BROMODICHLOROMETHANE	0.259	0.281	-8.5	98	0.00
50		2-CHLOROETHYLVINYLETHER	0.195	0.205	-5.1	95	0.00
51	T	MIBK	0.353	0.412	-16.7	108	0.00
52	T	CIS-1,3-DICHLOROPROPENE	0.310	0.317	-2.3	96	0.00
53	C	TOLUENE	1.088	1.126	-3.5	100	0.00
54	T	TRANS-1,3,-DICHLOROPROPENE	0.243	0.269	-10.7	110	0.00
55		ETHYL METHACRYLATE	0.314	0.347	-10.5	115	0.00
56	T	1,1,2-TRICHLOROETHANE	0.247	0.285	-15.4	113	0.00
57		2-HEXANONE	0.244	0.326	-33.6#	124	0.00
58	T	TETRACHLOROETHENE	0.190	0.225	-18.4	114	0.00
59		1,3-DICHLOROPROPANE	0.432	0.477	-10.4	110	0.00
60	T	DIBROMOCHLOROMETHANE	0.180	0.202	-12.2	105	0.00
61	T	1,2-DIBROMOETHANE	0.244	0.277	-13.5	111	0.00
62	I	CHLOROBENZENE-D5 ISTD	1.000	1.000	0.0	105	0.00
63	S	4-BROMOFLUROBENZENE SS	0.918	0.930	-1.3	106	0.00
64	P	CHLOROBENZENE	1.404	1.581	-12.6	113	0.00
65	T	1,1,1,2-TETRACHLOROETHANE	0.425	0.452	-6.4	111	0.00
66	C	ETHYLBENZENE	2.287	2.492	-9.0	106	0.00
67	T	M/P-XYLENES	1.744	2.009	-15.2	109	0.00
68	T	O-XYLENE	1.803	2.033	-12.8	108	0.00
69	T	STYRENE	1.400	1.631	-16.5	106	0.00
70	P	BROMOFORM	0.229	0.222	3.1	103	0.00
71	T	ISOPROPYLBENZENE	1.672	1.778	-6.3	103	0.00
72		CIS-1,4-DICHLORO-2-BUTENE	0.250	0.276	-10.4	116	0.00
73	P	1,1,2,2-TETRACHLOROETHANE	0.661	0.672	-1.7	104	0.00
74		1,4-DICHLORO-2-BUTENE(TRANS	0.225	0.239	-6.2	115	0.00
75		BROMOBENZENE	0.978	0.986	-0.8	104	0.00
76	T	1,2,3-TRICHLOROPROPANE	0.201	0.218	-8.5	117	0.00
77	T	N-PROPYLBENZENE	2.382	2.516	-5.6	103	0.00
78	T	2-CHLOROTOLUENE	1.586	1.739	-9.6	108	0.00
79	T	1,3,5-TRIMETHYLBENZENE	1.647	1.838	-11.6	106	0.00
80		4-CHLOROTOLUENE	1.795	2.020	-12.5	106	0.00
81	I	1,4-DICHLOROBENZENE-D4-ISTD	1.000	1.000	0.0	114	0.00
82	T	TERT-BUTYLBENZENE	1.345	1.326	1.4	107	0.00
83	T	1,2,4-TRIMETHYLBENZENE	1.819	1.938	-6.5	110	0.00
84		SEC-BUTYLBENZENE	1.850	1.767	4.5	100	0.00
85	T	1,3-DICHLOROBENZENE	1.168	1.193	-2.1	114	0.00
86	T	P-ISOPROPYLTOLUENE	1.555	1.487	4.4	103	0.00
87	T	1,4-DICHLOROBENZENE	1.238	1.235	0.2	114	0.00
88	T	N-BUTYLBENZENE	1.426	1.363	4.4	98	0.00
89	T	1,2-DICHLOROBENZENE	1.159	1.182	-2.0	113	0.00
90		1,2-DIBROMO-3-CHLOROPROPANE	0.074	0.071	4.1	110	0.00
91		1,3,5-TRICHLOROBENZENE	0.699	0.681	2.6	108	0.00

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Data File : VB230002.D
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Operator : LBD/MFF
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Misc :
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Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
92 T	1,2,4-TRICHLOROBENZENE	0.635	0.532	16.2	103	0.00
93 T	HEXACHLOROBUTADIENE	0.269	0.266	1.1	112	0.00
94 T	NAPHTHALENE	1.321	1.049	20.6#	92	0.00
95	1,2,3-TRICHLOROBENZENE	0.511	0.361	29.4#	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

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Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	PENTAFLUOROBENZENE - ISTD	30.000	30.000	0.0	113	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	25.000	21.842	12.6	99	0.00
3	T	DICHLORODIFLOUROMETHANE	10.000	9.203	8.0	100	0.00
4		DIFLUOROCHLOROMETHANE	10.000	9.290	7.1	103	0.00
5	P	CHLOROMETHANE	10.000	10.316	-3.2	130	0.00
6	C	VINYL CHLORIDE	10.000	10.010	-0.1	111	0.00
7	T	BROMOMETHANE	10.000	8.303	17.0	100	0.00
8	T	CHLOROETHANE	10.000	10.670	-6.7	120	0.00
9		FLUORODICHLOROMETHANE	10.000	10.906	-9.1	118	0.00
10	T	TRICHLOROFLUOROMETHANE	10.000	10.387	-3.9	112	0.00
11	T	DI ETHYL ETHER	10.000	11.174	-11.7	130	0.00
12		ACROLEIN	100.000	158.250	-58.3#	200	0.00
13	T	ACETONE	100.000	113.899	-13.9	133	0.00
14	C	1,1-DICHLOROETHENE	10.000	11.159	-11.6	122	0.00
15		1,1,2-TRICL-1,2,2-TRIFLETHA	10.000	10.844	-8.4	126	0.00
16		IODOMETHANE	100.000	103.696	-3.7	134	0.00
17		METHYL ACETATE	10.000	11.132	-11.3	132	0.00
18		T-BUTYL ALCOHOL	100.000	128.804	-28.8#	147	0.00
19		ACRYLONITRILE	10.000	11.033	-10.3	127	0.00
20	T	METHYLENE CHLORIDE	10.000	11.585	-15.9	123	0.00
21		CARBON DISULFIDE	100.000	115.932	-15.9	114	0.00
22	T	METHYL TERT-BUTYL ETHER (MT	10.000	10.402	-4.0	118	0.00
23	T	TRANS 1,2-DICHLOROETHENE	10.000	11.103	-11.0	122	0.00
24	P	1,1-DICHLOROETHANE	10.000	10.680	-6.8	120	0.00
25		VINYL ACETATE	100.000	116.595	-16.6	129	0.00
26		DI ISOPROPYL ETHER	10.000	11.075	-10.7	124	0.00
27	T	2-BUTANONE	100.000	98.517	1.5	108	0.00
28		T-BUTYL ETHYL ETHER	10.000	8.829	11.7	98	0.00
29	T	CIS-1,2-DICHLOROETHENE	10.000	9.231	7.7	101	0.00
30		2,2-DICHLOROPROPANE	10.000	10.181	-1.8	112	0.00
31		ETHYL ACETATE	10.000	9.914	0.9	114	0.00
32		BROMOCHLOROMETHANE	10.000	10.148	-1.5	109	0.00
33	T	TETRAHYDROFURAN	10.000	8.693	13.1	106	0.00
34	C	CHLOROFORM	10.000	9.170	8.3	100	0.00
35	T	1,1,1-TRICHLOROETHANE	10.000	10.087	-0.9	109	0.00
36		CYCLOHEXANE	10.000	8.490	15.1	92	0.00
37	T	CARBON TETRACHLORIDE	10.000	8.946	10.5	108	0.00
38		1,1-DICHLOROPROPENE	10.000	9.095	9.0	100	0.00
39	T	BENZENE	10.000	8.851	11.5	96	0.00
40		T-AMYLMETHYL ETHER	10.000	8.459	15.4	94	0.00
41	I	1,4-DIFLOUROBENZENE - ISTD	30.000	30.000	0.0	102	0.00
42	S	TOLUENE-D8 SS	25.000	24.024	3.9	99	0.00
43	T	1,2-DICHLOROETHANE	10.000	10.903	-9.0	107	0.00
44	T	TRICHLOROETHENE	10.000	10.305	-3.0	101	0.00
45		METHYLCYCLOHEXANE	10.000	9.132	8.7	87	0.00
46	C	1,2-DICHLOROPROPANE	10.000	9.970	0.3	96	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230002.D
Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47	T	DIBROMOMETHANE	10.000	10.539	-5.4	103	0.00
48		1,4-DIOXANE	100.000	159.859	-59.9#	154	0.00
49	T	BROMODICHLOROMETHANE	10.000	10.839	-8.4	98	0.00
50		2-CHLOROETHYLVINYLETHER	100.000	105.326	-5.3	95	0.00
51	T	MIBK	100.000	116.766	-16.8	108	0.00
52	T	CIS-1,3-DICHLOROPROPENE	10.000	8.734	12.7	96	0.00
53	C	TOLUENE	10.000	10.349	-3.5	100	0.00
54	T	TRANS-1,3,-DICHLOROPROPENE	10.000	9.261	7.4	110	0.00
55		ETHYL METHACRYLATE	10.000	11.035	-10.4	115	0.00
56	T	1,1,2-TRICHLOROETHANE	10.000	11.519	-15.2	113	0.00
57		2-HEXANONE	100.000	133.688	-33.7#	124	0.00
58	T	TETRACHLOROETHENE	10.000	11.822	-18.2	114	0.00
59		1,3-DICHLOROPROPANE	10.000	11.040	-10.4	110	0.00
60	T	DIBROMOCHLOROMETHANE	10.000	11.237	-12.4	105	0.00
61	T	1,2-DIBROMOETHANE	10.000	11.351	-13.5	111	0.00
62	I	CHLOROBENZENE-D5 ISTD	30.000	30.000	0.0	105	0.00
63	S	4-BROMOFLUROBENZENE SS	25.000	25.329	-1.3	106	0.00
64	P	CHLOROBENZENE	10.000	11.264	-12.6	113	0.00
65	T	1,1,1,2-TETRACHLOROETHANE	10.000	10.639	-6.4	111	0.00
66	C	ETHYLBENZENE	10.000	10.897	-9.0	106	0.00
67	T	M/P-XYLENES	20.000	23.046	-15.2	109	0.00
68	T	O-XYLENE	10.000	11.275	-12.8	108	0.00
69	T	STYRENE	10.000	11.650	-16.5	106	0.00
70	P	BROMOFORM	10.000	8.729	12.7	103	0.00
71	T	ISOPROPYLBENZENE	10.000	10.636	-6.4	103	0.00
72		CIS-1,4-DICHLORO-2-BUTENE	10.000	11.033	-10.3	116	0.00
73	P	1,1,2,2-TETRACHLOROETHANE	10.000	10.170	-1.7	104	0.00
74		1,4-DICHLORO-2-BUTENE(TRANS	10.000	10.605	-6.1	115	0.00
75		BROMOBENZENE	10.000	10.088	-0.9	104	0.00
76	T	1,2,3-TRICHLOROPROPANE	10.000	10.845	-8.5	117	0.00
77	T	N-PROPYLBENZENE	10.000	10.564	-5.6	103	0.00
78	T	2-CHLOROTOLUENE	10.000	10.964	-9.6	108	0.00
79	T	1,3,5-TRIMETHYLBENZENE	10.000	11.161	-11.6	106	0.00
80		4-CHLOROTOLUENE	10.000	11.252	-12.5	106	0.00
81	I	1,4-DICHLOROBENZENE-D4-ISTD	30.000	30.000	0.0	114	0.00
82	T	TERT-BUTYLBENZENE	10.000	9.859	1.4	107	0.00
83	T	1,2,4-TRIMETHYLBENZENE	10.000	10.657	-6.6	110	0.00
84		SEC-BUTYLBENZENE	10.000	9.553	4.5	100	0.00
85	T	1,3-DICHLOROBENZENE	10.000	10.212	-2.1	114	0.00
86	T	P-ISOPROPYLTOLUENE	10.000	9.561	4.4	103	0.00
87	T	1,4-DICHLOROBENZENE	10.000	9.981	0.2	114	0.00
88	T	N-BUTYLBENZENE	10.000	9.561	4.4	98	0.00
89	T	1,2-DICHLOROBENZENE	10.000	10.192	-1.9	113	0.00
90		1,2-DIBROMO-3-CHLOROPROPANE	10.000	9.508	4.9	110	0.00
91		1,3,5-TRICHLOROBENZENE	10.000	9.741	2.6	108	0.00

Data Path : C:\MSDChem\1\DATA\081811\
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Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
92	T	1,2,4-TRICHLOROBENZENE	10.000	8.381	16.2	103	0.00
93	T	HEXACHLOROBUTADIENE	10.000	9.897	1.0	112	0.00
94	T	NAPHTHALENE	10.000	7.935	20.7#	92	0.00
95		1,2,3-TRICHLOROBENZENE	10.000	7.071	29.3#	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230002.D
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Sample : 8260 STD 10 PPB/BFB
Misc :
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Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	PENTAFLUOROBENZENE - ISTD	30.000	30.000	0.0	113	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	25.000	21.842	12.6	99	0.00
3	T	DICHLORODIFLOUROMETHANE	10.000	9.203	8.0	100	0.00
4		DIFLUOROCHLOROMETHANE	10.000	9.290	7.1	103	0.00
5	P	CHLOROMETHANE	10.000	10.316	-3.2	130	0.00
6	C	VINYL CHLORIDE	10.000	10.010	-0.1	111	0.00
7	T	BROMOMETHANE	10.000	8.303	17.0	100	0.00
8	T	CHLOROETHANE	10.000	10.670	-6.7	120	0.00
9		FLUORODICHLOROMETHANE	10.000	10.906	-9.1	118	0.00
10	T	TRICHLOROFLUOROMETHANE	10.000	10.387	-3.9	112	0.00
11	T	DI ETHYL ETHER	10.000	11.174	-11.7	130	0.00
12		ACROLEIN	100.000	158.250	-58.3#	200	0.00
13	T	ACETONE	100.000	113.899	-13.9	133	0.00
14	C	1,1-DICHLOROETHENE	10.000	11.159	-11.6	122	0.00
15		1,1,2-TRICL-1,2,2-TRIFLETHA	10.000	10.844	-8.4	126	0.00
16		IODOMETHANE	100.000	103.696	-3.7	134	0.00
17		METHYL ACETATE	10.000	11.132	-11.3	132	0.00
18		T-BUTYL ALCOHOL	100.000	128.804	-28.8#	147	0.00
19		ACRYLONITRILE	10.000	11.033	-10.3	127	0.00
20	T	METHYLENE CHLORIDE	10.000	11.585	-15.9	123	0.00
21		CARBON DISULFIDE	100.000	115.932	-15.9	114	0.00
22	T	METHYL TERT-BUTYL ETHER (MT	10.000	10.402	-4.0	118	0.00
23	T	TRANS 1,2-DICHLOROETHENE	10.000	11.103	-11.0	122	0.00
24	P	1,1-DICHLOROETHANE	10.000	10.680	-6.8	120	0.00
25		VINYL ACETATE	100.000	116.595	-16.6	129	0.00
26		DI ISOPROPYL ETHER	10.000	11.075	-10.7	124	0.00
27	T	2-BUTANONE	100.000	98.517	1.5	108	0.00
28		T-BUTYL ETHYL ETHER	10.000	8.829	11.7	98	0.00
29	T	CIS-1,2-DICHLOROETHENE	10.000	9.231	7.7	101	0.00
30		2,2-DICHLOROPROPANE	10.000	10.181	-1.8	112	0.00
31		ETHYL ACETATE	10.000	9.914	0.9	114	0.00
32		BROMOCHLOROMETHANE	10.000	10.148	-1.5	109	0.00
33	T	TETRAHYDROFURAN	10.000	8.693	13.1	106	0.00
34	C	CHLOROFORM	10.000	9.170	8.3	100	0.00
35	T	1,1,1-TRICHLOROETHANE	10.000	10.087	-0.9	109	0.00
36		CYCLOHEXANE	10.000	8.490	15.1	92	0.00
37	T	CARBON TETRACHLORIDE	10.000	8.946	10.5	108	0.00
38		1,1-DICHLOROPROPENE	10.000	9.095	9.0	100	0.00
39	T	BENZENE	10.000	8.851	11.5	96	0.00
40		T-AMYLMETHYL ETHER	10.000	8.459	15.4	94	0.00
41	I	1,4-DIFLOUROBENZENE - ISTD	30.000	30.000	0.0	102	0.00
42	S	TOLUENE-D8 SS	25.000	24.024	3.9	99	0.00
43	T	1,2-DICHLOROETHANE	10.000	10.903	-9.0	107	0.00
44	T	TRICHLOROETHENE	10.000	10.305	-3.0	101	0.00
45		METHYLCYCLOHEXANE	10.000	9.132	8.7	87	0.00
46	C	1,2-DICHLOROPROPANE	10.000	9.970	0.3	96	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230002.D
Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 19 2011

Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	514273	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	743826	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	391808	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	400710	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	251565	21.84	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.36%				
42) TOLUENE-D8 SS	6.13	98	690048	24.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.08%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	303603	25.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.32%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	75987	9.20	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.04	51	130986	9.29	UG/L		98
5) CHLOROMETHANE	1.13	50	102851	10.32	UG/L		99
6) VINYL CHLORIDE	1.19	62	75438	10.01	UG/L		99
7) BROMOMETHANE	1.36	94	31548	8.30	UG/L		95
8) CHLOROETHANE	1.42	64	42005	10.67	UG/L		97
9) FLUORODICHLOROMETHANE	1.53	67	114342	10.91	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.57	101	88333	10.39	UG/L		97
11) DI ETHYL ETHER	1.74	59	60092	11.17	UG/L		98
12) ACROLEIN	1.83	56	85446	158.25	UG/L	#	99
13) ACETONE	1.93	43	283684	113.90	UG/L		100
14) 1,1-DICHLOROETHENE	1.88	61	100719	11.16	UG/L		99
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.88	101	48578	10.84	UG/L		100
16) IODOMETHANE	1.99	142	756717	103.70	UG/L		100
17) METHYL ACETATE	2.15	43	168031	11.13	UG/L		99
18) T-BUTYL ALCOHOL	2.33	59	71538	128.80	UG/L	#	84
19) ACRYLONITRILE	2.42	53	38123	11.03	UG/L		98
20) METHYLENE CHLORIDE	2.23	49	123825	11.59	UG/L		98
21) CARBON DISULFIDE	2.04	76	1294906	115.93	UG/L	#	94
22) METHYL TERT-BUTYL ETHER (M	2.45	73	167099	10.40	UG/L		97
23) TRANS 1,2-DICHLOROETHENE	2.44	61	92287	11.10	UG/L		100
24) 1,1-DICHLOROETHANE	2.82	63	113545	10.68	UG/L		99
25) VINYL ACETATE	2.88	43	1790028	116.60	UG/L		96
26) DI ISOPROPYL ETHER	2.90	45	278927	11.07	UG/L		98
27) 2-BUTANONE	3.44	43	474516	98.52	UG/L		98
28) T-BUTYL ETHYL ETHER	3.28	59	215909	8.83	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.41	61	121201	9.23	UG/L		97
30) 2,2-DICHLOROPROPANE	3.40	77	66097	10.18	UG/L		99
31) ETHYL ACETATE	3.52	43	116562	9.91	UG/L		99
32) BROMOCHLOROMETHANE	3.64	128	33463	10.15	UG/L		93
33) TETRAHYDROFURAN	3.71	42	28935	8.69	UG/L		96
34) CHLOROFORM	3.74	83	112986	9.17	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.91	97	87918	10.09	UG/L		99
36) CYCLOHEXANE	3.96	56	108040	8.49	UG/L		94
37) CARBON TETRACHLORIDE	4.07	117	68258	8.95	UG/L		100
38) 1,1-DICHLOROPROPENE	4.07	75	81660	9.10	UG/L		99
39) BENZENE	4.28	78	253293	8.85	UG/L		99

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Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	132436	8.46	UG/L	#	81
43) 1,2-DICHLOROETHANE	4.31	62	114488	10.90	UG/L		98
44) TRICHLOROETHENE	4.93	95	65541	10.31	UG/L		93
45) METHYLCYCLOHEXANE	5.11	83	64136	9.13	UG/L		94
46) 1,2-DICHLOROPROPANE	5.15	63	70808	9.97	UG/L		93
47) DIBROMOMETHANE	5.26	93	42371	10.54	UG/L		93
48) 1,4-DIOXANE	5.31	88	7645	159.86	UG/L	#	94
49) BROMODICHLOROMETHANE	5.43	83	69602	10.84	UG/L		99
50) 2-CHLOROETHYLVINYLETHER	5.75	63	508611	105.33	UG/L		94
51) MIBK	6.05	43	1020718	116.77	UG/L		96
52) CIS-1,3-DICHLOROPROPENE	5.87	75	78677	8.73	UG/L		95
53) TOLUENE	6.19	91	279083	10.35	UG/L		100
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	66623	9.26	UG/L		95
55) ETHYL METHACRYLATE	6.54	41	85977	11.04	UG/L		99
56) 1,1,2-TRICHLOROETHANE	6.60	97	70635	11.52	UG/L		99
57) 2-HEXANONE	6.87	43	809437	133.69	UG/L		97
58) TETRACHLOROETHENE	6.72	164	55788	11.82	UG/L		98
59) 1,3-DICHLOROPROPANE	6.76	76	118241	11.04	UG/L		97
60) DIBROMOCHLOROMETHANE	6.97	129	50204	11.24	UG/L		98
61) 1,2-DIBROMOETHANE	7.07	107	68765	11.35	UG/L		99
64) CHLOROBENZENE	7.56	112	206508	11.26	UG/L		98
65) 1,1,1,2-TETRACHLOROETHANE	7.65	131	58989	10.64	UG/L		97
66) ETHYLBENZENE	7.67	91	325417	10.90	UG/L		99
67) M/P-XYLENES	7.79	91	524861	23.05	UG/L		99
68) O-XYLENE	8.18	91	265576	11.28	UG/L		98
69) STYRENE	8.19	104	212983	11.65	UG/L		99
70) BROMOFORM	8.36	173	29057	8.73	UG/L		99
71) ISOPROPYLBENZENE	8.55	105	232236	10.64	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	36010	11.03	UG/L	#	68
73) 1,1,2,2-TETRACHLOROETHANE	8.85	83	87814	10.17	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	31200	10.61	UG/L	#	80
75) BROMOBENZENE	8.82	77	128828	10.09	UG/L		95
76) 1,2,3-TRICHLOROPROPANE	8.88	110	28440	10.84	UG/L		84
77) N-PROPYLBENZENE	8.95	91	328601	10.56	UG/L		99
78) 2-CHLOROTOLUENE	9.02	91	227100	10.96	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	240079	11.16	UG/L		100
80) 4-CHLOROTOLUENE	9.13	91	263803	11.25	UG/L		99
82) TERT-BUTYLBENZENE	9.45	119	177133	9.86	UG/L		100
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	258924	10.66	UG/L		97
84) SEC-BUTYLBENZENE	9.67	105	236007	9.55	UG/L		99
85) 1,3-DICHLOROBENZENE	9.76	146	159319	10.21	UG/L		100
86) P-ISOPROPYLTOLUENE	9.82	119	198576	9.56	UG/L		99
87) 1,4-DICHLOROBENZENE	9.85	146	165020	9.98	UG/L		99
88) N-BUTYLBENZENE	10.22	91	182095	9.56	UG/L		99
89) 1,2-DICHLOROBENZENE	10.21	146	157839	10.19	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	9454	9.51	UG/L		93
91) 1,3,5-TRICHLOROBENZENE	11.19	180	90964	9.74	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.80	180	71042	8.38	UG/L		99
93) HEXACHLOROBUTADIENE	11.98	225	35524	9.90	UG/L		97
94) NAPHTHALENE	12.03	128	140061	7.94	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.27	180	48247	7.07	UG/L		98

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Quant Title : 8260 CALIBRATION VOAMS 5973
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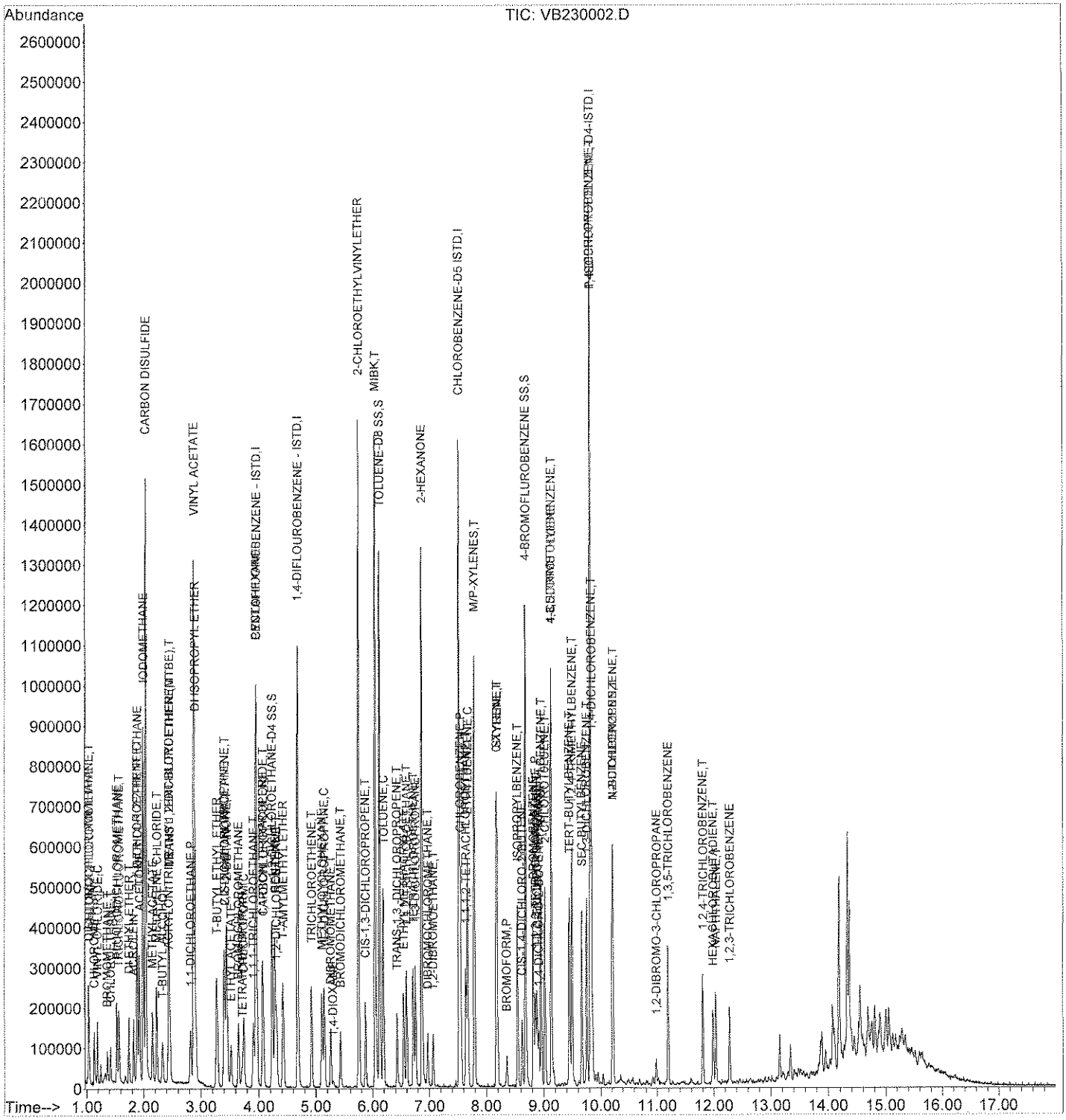
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230002.D
Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB230059.D	Calibration Date:	07/27/11 15:03
Sequence:	S001082	Injection Date:	08/19/11
Lab Sample ID:	S001082-CCV1	Injection Time:	18:03

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	107	0.1452923	0.1561423		7.5	20	
Acrylonitrile	A	10.0	9.89	0.201569	0.199287		-1.1	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	8.19	0.9133338	0.7481772		-18.1	20	
Benzene	A	10.0	8.64	1.669467	1.442217		-13.6	20	
Bromobenzene	A	10.0	9.77	0.9777632	0.9550162		-2.3	20	
Bromochloromethane	A	10.0	9.74	0.1923549	0.187317		-2.6	20	
Bromodichloromethane	A	10.0	10.3	0.25899	0.2670256		3.1	20	
Bromoform	L	10.0	8.79	0.2281527	0.2247012		-12.1	20	
Bromomethane	A	10.0	9.83	0.2216584	0.2179222		-1.7	20	
2-Butanone (MEK)	A	100	104	0.2809751	0.2928582		4.2	20	
tert-Butyl Alcohol (TBA)	A	100	127	3.239931E-02	4.127944E-02		27.4	20	*
n-Butylbenzene	A	10.0	8.54	1.425837	1.218142		-14.6	20	
sec-Butylbenzene	A	10.0	9.04	1.849629	1.672552		-9.6	20	
tert-Butylbenzene	A	10.0	9.15	1.345063	1.230187		-8.5	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.28	1.426552	1.1818		-17.2	20	
Carbon Disulfide	A	100	97.8	0.6515737	0.6372142		-2.2	20	
Carbon Tetrachloride	A	10.0	8.80	0.4450766	0.391547		-12.0	20	
Chlorobenzene	A	10.0	10.5	1.403769	1.473697		5.0	20	
Chlorodibromomethane	A	10.0	10.2	0.1801905	0.1846537		2.5	20	
Chloroethane	A	10.0	9.10	0.2296499	0.2090237		-9.0	20	
Chloroform	A	10.0	8.92	0.7187301	0.6411882		-10.8	20	
Chloromethane	A	10.0	7.75	0.5815776	0.4505816		-22.5	20	*
2-Chlorotoluene	A	10.0	10.5	1.586037	1.66507		5.0	20	
4-Chlorotoluene	A	10.0	10.6	1.795125	1.910476		6.4	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB230059.D	Calibration Date:	07/27/11 15:03
Sequence:	S001082	Injection Date:	08/19/11
Lab Sample ID:	S001082-CCV1	Injection Time:	18:03

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.1	7.444275E-02	7.490047E-02		0.6	20	
1,2-Dibromoethane (EDB)	A	10.0	10.1	0.2443295	0.246486		0.9	20	
Dibromomethane	A	10.0	9.99	0.1621583	0.1620501		-0.07	20	
1,2-Dichlorobenzene	A	10.0	9.41	1.159424	1.091515		-5.9	20	
1,3-Dichlorobenzene	A	10.0	9.66	1.168051	1.128899		-3.4	20	
1,4-Dichlorobenzene	A	10.0	9.38	1.237775	1.161643		-6.2	20	
trans-1,4-Dichloro-2-butene	A	10.0	10.7	0.2252608	0.2412686		7.1	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	7.03	0.48164	0.3383969		-29.7	20	*
1,1-Dichloroethane	A	10.0	9.29	0.6201722	0.5759476		-7.1	20	
1,2-Dichloroethane	A	10.0	10.3	0.4234997	0.4355244		2.8	20	
1,1-Dichloroethylene	A	10.0	9.62	0.5264971	0.5062577		-3.8	20	
cis-1,2-Dichloroethylene	A	10.0	8.87	0.7658819	0.6796241		-11.3	20	
trans-1,2-Dichloroethylene	A	10.0	9.61	0.4848706	0.4661683		-3.9	20	
1,2-Dichloropropane	A	10.0	9.25	0.2864455	0.2650315		-7.5	20	
1,3-Dichloropropane	A	10.0	9.37	0.4319773	0.4046334		-6.3	20	
2,2-Dichloropropane	A	10.0	8.81	0.3787333	0.3336663		-11.9	20	
1,1-Dichloropropene	A	10.0	8.71	0.5237433	0.4562135		-12.9	20	
cis-1,3-Dichloropropene	L	10.0	8.11	0.3100981	0.2936096		-18.9	20	
trans-1,3-Dichloropropene	L	10.0	8.17	0.2432209	0.2313302		-18.3	20	
Diethyl Ether	A	10.0	9.56	0.3137275	0.299938		-4.4	20	
Diisopropyl Ether (DIPE)	A	10.0	9.50	1.469231	1.395916		-5.0	20	
1,4-Dioxane	A	100	155	1.928818E-03	2.981031E-03		54.6	20	*
Ethylbenzene	A	10.0	10.4	2.286557	2.36984		3.6	20	
Hexachlorobutadiene	A	10.0	9.19	0.2687136	0.2468886		-8.1	20	
2-Hexanone (MBK)	A	100	119	0.2441964	0.2913889		19.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB230059.D	Calibration Date:	07/27/11 15:03
Sequence:	S001082	Injection Date:	08/19/11
Lab Sample ID:	S001082-CCV1	Injection Time:	18:03

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.1	1.671789	1.681879		0.6	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	8.98	1.554926	1.396948		-10.2	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.10	0.9371012	0.852646		-9.0	20	
Methylene Chloride	A	10.0	10.1	0.6234838	0.6281561		0.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	116	0.3525659	0.4078769		15.7	20	
Naphthalene	A	10.0	7.48	1.321474	0.987868		-25.2	20	*
n-Propylbenzene	A	10.0	9.99	2.381649	2.379817		-0.08	20	
Styrene	A	10.0	11.1	1.399753	1.55059		10.8	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.5	0.424554	0.4470632		5.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.99	0.6611161	0.6605769		-0.08	20	
Tetrachloroethylene	A	10.0	11.0	0.1903287	0.2085983		9.6	20	
Tetrahydrofuran	A	10.0	9.12	0.1941693	0.1771267		-8.8	20	
Toluene	A	10.0	9.81	1.087647	1.06743		-1.9	20	
1,2,3-Trichlorobenzene	A	10.0	7.10	0.5108128	0.36248		-29.0	20	*
1,2,4-Trichlorobenzene	A	10.0	7.60	0.6346014	0.4825308		-24.0	20	*
1,3,5-Trichlorobenzene	A	10.0	8.71	0.6991139	0.609063		-12.9	20	
1,1,1-Trichloroethane	A	10.0	9.62	0.5084648	0.489006		-3.8	20	
1,1,2-Trichloroethane	A	10.0	10.2	0.2473233	0.2526432		2.2	20	
Trichloroethylene	A	10.0	9.53	0.2565092	0.2445814		-4.7	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.14	0.4960794	0.4533832		-8.6	20	
1,2,3-Trichloropropane	A	10.0	10.8	0.2007954	0.2179419		8.5	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.05	0.2613222	0.2364599		-9.5	20	
1,2,4-Trimethylbenzene	A	10.0	9.79	1.818957	1.781459		-2.1	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0581
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100023
Lab File ID:	VB230059.D	Calibration Date:	07/27/11 15:03
Sequence:	S001082	Injection Date:	08/19/11
Lab Sample ID:	S001082-CCV1	Injection Time:	18:03

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.6	1.646985	1.739623		5.6	20
Vinyl Chloride	A	10.0	8.08	0.4396236	0.3552237		-19.2	20
m+p Xylene	A	20.0	21.4	1.743776	1.870578		7.3	20
o-Xylene	A	10.0	10.6	1.803451	1.904362		5.6	20
1,2-Dichloroethane-d4	A	25.0	22.7	0.6718652	0.6093165		-9.3	
Toluene-d8	A	25.0	23.5	1.158452	1.08769		-6.1	
4-Bromofluorobenzene	A	25.0	25.3	0.9177798	0.9294875		1.3	

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

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230059.D
Acq On : 19 Aug 2011 6:03 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Aug 22 04:28:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	PENTAFLUOROBENZENE - ISTD	1.000	1.000	0.0	115	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	0.672	0.609	9.4	105	0.00
3	T	DICHLORODIFLOUROMETHANE	0.482	0.338	29.9#	77	0.00
4		DIFLUOROCHLOROMETHANE	0.822	0.635	22.7#	87	0.00
5	P	CHLOROMETHANE	0.582	0.451	22.5#	99	0.00
6	C	VINYL CHLORIDE	0.440	0.355	19.3	91	0.00
7	T	BROMOMETHANE	0.222	0.218	1.8	120	0.00
8	T	CHLOROETHANE	0.230	0.209	9.1	104	0.00
9		FLUORODICHLOROMETHANE	0.612	0.574	6.2	104	0.00
10	T	TRICHLOROFLUOROMETHANE	0.496	0.453	8.7	100	0.00
11	T	DI ETHYL ETHER	0.314	0.300	4.5	113	0.00
12		ACROLEIN	0.031	0.040#	-29.0#	165	0.00
13	T	ACETONE	0.145	0.156	-7.6	128	0.00
14	C	1,1-DICHLOROETHENE	0.526	0.506	3.8	107	0.00
15		1,1,2-TRICL-1,2,2-TRIFLETHA	0.261	0.236	9.6	106	0.00
16		IODOMETHANE	0.385	0.281	27.0#	87	0.00
17		METHYL ACETATE	0.881	0.915	-3.9	126	0.00
18		T-BUTYL ALCOHOL	0.032	0.041#	-28.1#	148	0.00
19		ACRYLONITRILE	0.202	0.199	1.5	116	0.00
20	T	METHYLENE CHLORIDE	0.623	0.628	-0.8	109	0.00
21		CARBON DISULFIDE	0.652	0.637	2.3	98	0.00
22	T	METHYL TERT-BUTYL ETHER (MT	0.937	0.853	9.0	105	0.00
23	T	TRANS 1,2-DICHLOROETHENE	0.485	0.466	3.9	107	0.00
24	P	1,1-DICHLOROETHANE	0.620	0.576	7.1	106	0.00
25		VINYL ACETATE	0.896	0.899	-0.3	113	0.00
26		DI ISOPROPYL ETHER	1.469	1.396	5.0	108	0.00
27	T	2-BUTANONE	0.281	0.293	-4.3	117	0.00
28		T-BUTYL ETHYL ETHER	1.427	1.182	17.2	94	0.00
29	T	CIS-1,2-DICHLOROETHENE	0.766	0.680	11.2	99	0.00
30		2,2-DICHLOROPROPANE	0.379	0.334	11.9	99	0.00
31		ETHYL ACETATE	0.686	0.699	-1.9	119	0.00
32		BROMOCHLOROMETHANE	0.192	0.187	2.6	106	0.00
33	T	TETRAHYDROFURAN	0.194	0.177	8.8	113	0.00
34	C	CHLOROFORM	0.719	0.641	10.8	99	0.00
35	T	1,1,1-TRICHLOROETHANE	0.508	0.489	3.7	105	0.00
36		CYCLOHEXANE	0.742	0.617	16.8	92	0.00
37	T	CARBON TETRACHLORIDE	0.445	0.392	11.9	108	0.00
38		1,1-DICHLOROPROPENE	0.524	0.456	13.0	98	0.00
39	T	BENZENE	1.669	1.442	13.6	95	0.00
40		T-AMYLMETHYL ETHER	0.913	0.748	18.1	93	0.00
41	I	1,4-DIFLOUROBENZENE - ISTD	1.000	1.000	0.0	106	0.00
42	S	TOLUENE-D8 SS	1.158	1.088	6.0	100	0.00
43	T	1,2-DICHLOROETHANE	0.423	0.436	-3.1	104	0.00
44	T	TRICHLOROETHENE	0.257	0.245	4.7	97	0.00
45		METHYLCYCLOHEXANE	0.283	0.242	14.5	84	0.00
46	C	1,2-DICHLOROPROPANE	0.286	0.265	7.3	92	0.00

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230059.D
Acq On : 19 Aug 2011 6:03 pm
Operator : LBD/MFF
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Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	DIBROMOMETHANE	0.162	0.162	0.0	101	0.00
48		1,4-DIOXANE	0.002	0.003#	-50.0#	155	0.00
49	T	BROMODICHLOROMETHANE	0.259	0.267	-3.1	97	0.00
50		2-CHLOROETHYLVINYLETHER	0.195	0.202	-3.6	97	0.00
51	T	MIBK	0.353	0.408	-15.6	111	0.00
52	T	CIS-1,3-DICHLOROPROPENE	0.310	0.294	5.2	92	0.00
53	C	TOLUENE	1.088	1.067	1.9	98	0.00
54	T	TRANS-1,3,-DICHLOROPROPENE	0.243	0.231	4.9	99	0.00
55		ETHYL METHACRYLATE	0.314	0.293	6.7	101	0.00
56	T	1,1,2-TRICHLOROETHANE	0.247	0.253	-2.4	104	0.00
57		2-HEXANONE	0.244	0.291	-19.3	115	0.00
58	T	TETRACHLOROETHENE	0.190	0.209	-10.0	109	0.00
59		1,3-DICHLOROPROPANE	0.432	0.405	6.2	96	0.00
60	T	DIBROMOCHLOROMETHANE	0.180	0.185	-2.8	100	0.00
61	T	1,2-DIBROMOETHANE	0.244	0.246	-0.8	103	0.00
62	I	CHLOROBENZENE-D5 ISTD	1.000	1.000	0.0	100	0.00
63	S	4-BROMOFLUROBENZENE SS	0.918	0.929	-1.2	101	0.00
64	P	CHLOROBENZENE	1.404	1.474	-5.0	100	0.00
65	T	1,1,1,2-TETRACHLOROETHANE	0.425	0.447	-5.2	104	0.00
66	C	ETHYLBENZENE	2.287	2.370	-3.6	96	0.00
67	T	M/P-XYLENES	1.744	1.871	-7.3	96	0.00
68	T	O-XYLENE	1.803	1.904	-5.6	96	0.00
69	T	STYRENE	1.400	1.551	-10.8	96	0.00
70	P	BROMOFORM	0.229	0.225	1.7	99	0.00
71	T	ISOPROPYLBENZENE	1.672	1.682	-0.6	92	0.00
72		CIS-1,4-DICHLORO-2-BUTENE	0.250	0.266	-6.4	106	0.00
73	P	1,1,2,2-TETRACHLOROETHANE	0.661	0.661	0.0	97	0.00
74		1,4-DICHLORO-2-BUTENE(TRANS	0.225	0.241	-7.1	110	0.00
75		BROMOBENZENE	0.978	0.955	2.4	95	0.00
76	T	1,2,3-TRICHLOROPROPANE	0.201	0.218	-8.5	111	0.00
77	T	N-PROPYLBENZENE	2.382	2.380	0.1	93	0.00
78	T	2-CHLOROTOLUENE	1.586	1.665	-5.0	98	0.00
79	T	1,3,5-TRIMETHYLBENZENE	1.647	1.740	-5.6	95	0.00
80		4-CHLOROTOLUENE	1.795	1.910	-6.4	96	0.00
81	I	1,4-DICHLOROBENZENE-D4-ISTD	1.000	1.000	0.0	109	0.00
82	T	TERT-BUTYLBENZENE	1.345	1.230	8.6	95	0.00
83	T	1,2,4-TRIMETHYLBENZENE	1.819	1.781	2.1	96	0.00
84		SEC-BUTYLBENZENE	1.850	1.673	9.6	91	0.00
85	T	1,3-DICHLOROBENZENE	1.168	1.129	3.3	103	0.00
86	T	P-ISOPROPYLTOLUENE	1.555	1.397	10.2	93	0.00
87	T	1,4-DICHLOROBENZENE	1.238	1.162	6.1	102	0.00
88	T	N-BUTYLBENZENE	1.426	1.218	14.6	83	0.00
89	T	1,2-DICHLOROBENZENE	1.159	1.092	5.8	100	0.00
90		1,2-DIBROMO-3-CHLOROPROPANE	0.074	0.075	-1.4	111	0.00
91		1,3,5-TRICHLOROBENZENE	0.699	0.609	12.9	92	0.00

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230059.D
Acq On : 19 Aug 2011 6:03 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Aug 22 04:28:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
92	T	1,2,4-TRICHLOROBENZENE	0.635	0.483	23.9#	89	0.00
93	T	HEXACHLOROBUTADIENE	0.269	0.247	8.2	99	0.00
94	T	NAPHTHALENE	1.321	0.988	25.2#	83	0.00
95		1,2,3-TRICHLOROBENZENE	0.511	0.362	29.2#	82	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230059.D
Acq On : 19 Aug 2011 6:03 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Aug 22 04:28:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	PENTAFLUOROBENZENE - ISTD	30.000	30.000	0.0	115	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	25.000	22.673	9.3	105	0.00
3	T	DICHLORODIFLOUROMETHANE	10.000	7.026	29.7#	77	0.00
4		DIFLUOROCHLOROMETHANE	10.000	7.715	22.9#	87	0.00
5	P	CHLOROMETHANE	10.000	7.748	22.5#	99	0.00
6	C	VINYL CHLORIDE	10.000	8.080	19.2	91	0.00
7	T	BROMOMETHANE	10.000	9.831	1.7	120	0.00
8	T	CHLOROETHANE	10.000	9.102	9.0	104	0.00
9		FLUORODICHLOROMETHANE	10.000	9.384	6.2	104	0.00
10	T	TRICHLOROFLUOROMETHANE	10.000	9.139	8.6	100	0.00
11	T	DI ETHYL ETHER	10.000	9.560	4.4	113	0.00
12		ACROLEIN	100.000	127.922	-27.9#	165	0.00
13	T	ACETONE	100.000	107.468	-7.5	128	0.00
14	C	1,1-DICHLOROETHENE	10.000	9.616	3.8	107	0.00
15		1,1,2-TRICL-1,2,2-TRIFLETHA	10.000	9.049	9.5	106	0.00
16		IODOMETHANE	100.000	61.184	38.8#	87	0.00
17		METHYL ACETATE	10.000	10.396	-4.0	126	0.00
18		T-BUTYL ALCOHOL	100.000	127.408	-27.4#	148	0.00
19		ACRYLONITRILE	10.000	9.887	1.1	116	0.00
20	T	METHYLENE CHLORIDE	10.000	10.075	-0.7	109	0.00
21		CARBON DISULFIDE	100.000	97.796	2.2	98	0.00
22	T	METHYL TERT-BUTYL ETHER (MT	10.000	9.099	9.0	105	0.00
23	T	TRANS 1,2-DICHLOROETHENE	10.000	9.614	3.9	107	0.00
24	P	1,1-DICHLOROETHANE	10.000	9.287	7.1	106	0.00
25		VINYL ACETATE	100.000	100.436	-0.4	113	0.00
26		DI ISOPROPYL ETHER	10.000	9.501	5.0	108	0.00
27	T	2-BUTANONE	100.000	104.229	-4.2	117	0.00
28		T-BUTYL ETHYL ETHER	10.000	8.284	17.2	94	0.00
29	T	CIS-1,2-DICHLOROETHENE	10.000	8.874	11.3	99	0.00
30		2,2-DICHLOROPROPANE	10.000	8.810	11.9	99	0.00
31		ETHYL ACETATE	10.000	10.192	-1.9	119	0.00
32		BROMOCHLOROMETHANE	10.000	9.738	2.6	106	0.00
33	T	TETRAHYDROFURAN	10.000	9.122	8.8	113	0.00
34	C	CHLOROFORM	10.000	8.921	10.8	99	0.00
35	T	1,1,1-TRICHLOROETHANE	10.000	9.617	3.8	105	0.00
36		CYCLOHEXANE	10.000	8.307	16.9	92	0.00
37	T	CARBON TETRACHLORIDE	10.000	8.797	12.0	108	0.00
38		1,1-DICHLOROPROPENE	10.000	8.711	12.9	98	0.00
39	T	BENZENE	10.000	8.639	13.6	95	0.00
40		T-AMYLMETHYL ETHER	10.000	8.192	18.1	93	0.00
41	I	1,4-DIFLOUROBENZENE - ISTD	30.000	30.000	0.0	106	0.00
42	S	TOLUENE-D8 SS	25.000	23.473	6.1	100	0.00
43	T	1,2-DICHLOROETHANE	10.000	10.284	-2.8	104	0.00
44	T	TRICHLOROETHENE	10.000	9.535	4.6	97	0.00
45		METHYLCYCLOHEXANE	10.000	8.531	14.7	84	0.00
46	C	1,2-DICHLOROPROPANE	10.000	9.252	7.5	92	0.00

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Quant Title : 8260 CALIBRATION VOAMS 5973
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Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
47	T	DIBROMOMETHANE	10.000	9.993	0.1	101	0.00
48		1,4-DIOXANE	100.000	154.552	-54.6#	155	0.00
49	T	BROMODICHLOROMETHANE	10.000	10.310	-3.1	97	0.00
50		2-CHLOROETHYLVINYLETHER	100.000	103.967	-4.0	97	0.00
51	T	MIBK	100.000	115.688	-15.7	111	0.00
52	T	CIS-1,3-DICHLOROPROPENE	10.000	8.113	18.9	92	0.00
53	C	TOLUENE	10.000	9.814	1.9	98	0.00
54	T	TRANS-1,3,-DICHLOROPROPENE	10.000	8.169	18.3	99	0.00
55		ETHYL METHACRYLATE	10.000	9.317	6.8	101	0.00
56	T	1,1,2-TRICHLOROETHANE	10.000	10.215	-2.1	104	0.00
57		2-HEXANONE	100.000	119.326	-19.3	115	0.00
58	T	TETRACHLOROETHENE	10.000	10.960	-9.6	109	0.00
59		1,3-DICHLOROPROPANE	10.000	9.367	6.3	96	0.00
60	T	DIBROMOCHLOROMETHANE	10.000	10.248	-2.5	100	0.00
61	T	1,2-DIBROMOETHANE	10.000	10.088	-0.9	103	0.00
62	I	CHLOROBENZENE-D5 ISTD	30.000	30.000	0.0	100	0.00
63	S	4-BROMOFLUROBENZENE SS	25.000	25.319	-1.3	101	0.00
64	P	CHLOROBENZENE	10.000	10.498	-5.0	100	0.00
65	T	1,1,1,2-TETRACHLOROETHANE	10.000	10.530	-5.3	104	0.00
66	C	ETHYLBENZENE	10.000	10.364	-3.6	96	0.00
67	T	M/P-XYLENES	20.000	21.454	-7.3	96	0.00
68	T	O-XYLENE	10.000	10.560	-5.6	96	0.00
69	T	STYRENE	10.000	11.078	-10.8	96	0.00
70	P	BROMOFORM	10.000	8.790	12.1	99	0.00
71	T	ISOPROPYLBENZENE	10.000	10.060	-0.6	92	0.00
72		CIS-1,4-DICHLORO-2-BUTENE	10.000	10.632	-6.3	106	0.00
73	P	1,1,2,2-TETRACHLOROETHANE	10.000	9.992	0.1	97	0.00
74		1,4-DICHLORO-2-BUTENE(TRANS	10.000	10.711	-7.1	110	0.00
75		BROMOBENZENE	10.000	9.767	2.3	95	0.00
76	T	1,2,3-TRICHLOROPROPANE	10.000	10.854	-8.5	111	0.00
77	T	N-PROPYLBENZENE	10.000	9.992	0.1	93	0.00
78	T	2-CHLOROTOLUENE	10.000	10.498	-5.0	98	0.00
79	T	1,3,5-TRIMETHYLBENZENE	10.000	10.562	-5.6	95	0.00
80		4-CHLOROTOLUENE	10.000	10.643	-6.4	96	0.00
81	I	1,4-DICHLOROBENZENE-D4-ISTD	30.000	30.000	0.0	109	0.00
82	T	TERT-BUTYLBENZENE	10.000	9.146	8.5	95	0.00
83	T	1,2,4-TRIMETHYLBENZENE	10.000	9.794	2.1	96	0.00
84		SEC-BUTYLBENZENE	10.000	9.043	9.6	91	0.00
85	T	1,3-DICHLOROBENZENE	10.000	9.665	3.4	103	0.00
86	T	P-ISOPROPYLTOLUENE	10.000	8.984	10.2	93	0.00
87	T	1,4-DICHLOROBENZENE	10.000	9.385	6.2	102	0.00
88	T	N-BUTYLBENZENE	10.000	8.543	14.6	83	0.00
89	T	1,2-DICHLOROBENZENE	10.000	9.414	5.9	100	0.00
90		1,2-DIBROMO-3-CHLOROPROPANE	10.000	10.061	-0.6	111	0.00
91		1,3,5-TRICHLOROBENZENE	10.000	8.712	12.9	92	0.00

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Response via : Initial Calibration

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Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
92 T	1,2,4-TRICHLOROBENZENE	10.000	7.604	24.0#	89	0.00
93 T	HEXACHLOROBUTADIENE	10.000	9.187	8.1	99	0.00
94 T	NAPHTHALENE	10.000	7.476	25.2#	83	0.00
95	1,2,3-TRICHLOROBENZENE	10.000	7.096	29.0#	82	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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ALS Vial : 59 Sample Multiplier: 1

CHECKED BY: MARK FLANNE
AUG 22 2011

Quant Time: Aug 22 04:28:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	522558	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	771780	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	371934	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	382788	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	265336	22.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.68%				
42) TOLUENE-D8 SS	6.13	98	699548	23.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	288090	25.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	58944	7.03	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.04	51	110535	7.72	UG/L		98
5) CHLOROMETHANE	1.13	50	78485	7.75	UG/L		97
6) VINYL CHLORIDE	1.19	62	61875	8.08	UG/L		97
7) BROMOMETHANE	1.36	94	37959	9.83	UG/L		97
8) CHLOROETHANE	1.42	64	36409	9.10	UG/L		95
9) FLUORODICHLOROMETHANE	1.53	67	99974	9.38	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.57	101	78973	9.14	UG/L		98
11) DI ETHYL ETHER	1.74	59	52245	9.56	UG/L		99
12) ACROLEIN	1.82	56	70183	127.92	UG/L	#	98
13) ACETONE	1.93	43	271978	107.47	UG/L		99
14) 1,1-DICHLOROETHENE	1.89	61	88183	9.62	UG/L		99
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.88	101	41188	9.05	UG/L		98
16) IODOMETHANE	1.99	142	488663	61.18	UG/L		99
17) METHYL ACETATE	2.16	43	159453	10.40	UG/L		100
18) T-BUTYL ALCOHOL	2.33	59	71903	127.41	UG/L	#	90
19) ACRYLONITRILE	2.43	53	34713	9.89	UG/L		98
20) METHYLENE CHLORIDE	2.22	49	109416	10.07	UG/L		97
21) CARBON DISULFIDE	2.04	76	1109938	97.80	UG/L	#	94
22) METHYL TERT-BUTYL ETHER (M	2.45	73	148519	9.10	UG/L		98
23) TRANS 1,2-DICHLOROETHENE	2.44	61	81200	9.61	UG/L		98
24) 1,1-DICHLOROETHANE	2.82	63	100322	9.29	UG/L		99
25) VINYL ACETATE	2.88	43	1566779	100.44	UG/L		96
26) DI ISOPROPYL ETHER	2.91	45	243149	9.50	UG/L		99
27) 2-BUTANONE	3.45	43	510118	104.23	UG/L		99
28) T-BUTYL ETHYL ETHER	3.28	59	205853	8.28	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.41	61	118381	8.87	UG/L		98
30) 2,2-DICHLOROPROPANE	3.40	77	58120	8.81	UG/L		96
31) ETHYL ACETATE	3.52	43	121750	10.19	UG/L		99
32) BROMOCHLOROMETHANE	3.65	128	32628	9.74	UG/L		98
33) TETRAHYDROFURAN	3.71	42	30853	9.12	UG/L		97
34) CHLOROFORM	3.74	83	111686	8.92	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.91	97	85178	9.62	UG/L		98
36) CYCLOHEXANE	3.95	56	107423	8.31	UG/L		96
37) CARBON TETRACHLORIDE	4.07	117	68202	8.80	UG/L		99
38) 1,1-DICHLOROPROPENE	4.08	75	79466	8.71	UG/L		98
39) BENZENE	4.28	78	251214	8.64	UG/L		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	130322	8.19	UG/L	#	81
43) 1,2-DICHLOROETHANE	4.31	62	112043	10.28	UG/L		98
44) TRICHLOROETHENE	4.93	95	62921	9.53	UG/L		93
45) METHYLCYCLOHEXANE	5.11	83	62163	8.53	UG/L		97
46) 1,2-DICHLOROPROPANE	5.15	63	68182	9.25	UG/L		93
47) DIBROMOMETHANE	5.26	93	41689	9.99	UG/L		96
48) 1,4-DIOXANE	5.31	88	7669	154.55	UG/L	#	57
49) BROMODICHLOROMETHANE	5.43	83	68695	10.31	UG/L		99
50) 2-CHLOROETHYLVINYLETHER	5.76	63	520917	103.97	UG/L		95
51) MIBK	6.05	43	1049304	115.69	UG/L		96
52) CIS-1,3-DICHLOROPROPENE	5.88	75	75534	8.11	UG/L		95
53) TOLUENE	6.19	91	274607	9.81	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	59512	8.17	UG/L		95
55) ETHYL METHACRYLATE	6.54	41	75319	9.32	UG/L		99
56) 1,1,2-TRICHLOROETHANE	6.60	97	64995	10.22	UG/L		99
57) 2-HEXANONE	6.87	43	749627	119.33	UG/L		96
58) TETRACHLOROETHENE	6.71	164	53664	10.96	UG/L		98
59) 1,3-DICHLOROPROPANE	6.76	76	104096	9.37	UG/L		95
60) DIBROMOCHLOROMETHANE	6.97	129	47504	10.25	UG/L		98
61) 1,2-DIBROMOETHANE	7.07	107	63411	10.09	UG/L	#	99
64) CHLOROBENZENE	7.55	112	182706	10.50	UG/L		98
65) 1,1,1,2-TETRACHLOROETHANE	7.65	131	55426	10.53	UG/L		99
66) ETHYLBENZENE	7.68	91	293808	10.36	UG/L		99
67) M/P-XYLENES	7.80	91	463821	21.45	UG/L		99
68) O-XYLENE	8.18	91	236099	10.56	UG/L		100
69) STYRENE	8.19	104	192239	11.08	UG/L		98
70) BROMOFORM	8.36	173	27858	8.79	UG/L		98
71) ISOPROPYLBENZENE	8.55	105	208516	10.06	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	32944	10.63	UG/L	#	71
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	81897	9.99	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	29912	10.71	UG/L	#	80
75) BROMOBENZENE	8.82	77	118401	9.77	UG/L		97
76) 1,2,3-TRICHLOROPROPANE	8.89	110	27020	10.85	UG/L		82
77) N-PROPYLBENZENE	8.95	91	295045	9.99	UG/L		100
78) 2-CHLOROTOLUENE	9.02	91	206432	10.50	UG/L		100
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	215675	10.56	UG/L		98
80) 4-CHLOROTOLUENE	9.13	91	236857	10.64	UG/L		100
82) TERT-BUTYLBENZENE	9.45	119	156967	9.15	UG/L		100
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	227307	9.79	UG/L		99
84) SEC-BUTYLBENZENE	9.67	105	213411	9.04	UG/L		99
85) 1,3-DICHLOROBENZENE	9.76	146	144043	9.66	UG/L		99
86) P-ISOPROPYLTOLUENE	9.82	119	178245	8.98	UG/L		99
87) 1,4-DICHLOROBENZENE	9.85	146	148221	9.38	UG/L		97
88) N-BUTYLBENZENE	10.23	91	155430	8.54	UG/L		99
89) 1,2-DICHLOROBENZENE	10.21	146	139273	9.41	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	9557	10.06	UG/L		97
91) 1,3,5-TRICHLOROBENZENE	11.19	180	77714	8.71	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.80	180	61569	7.60	UG/L		99
93) HEXACHLOROBUTADIENE	11.98	225	31502	9.19	UG/L		98
94) NAPHTHALENE	12.04	128	126048	7.48	UG/L		100
95) 1,2,3-TRICHLOROBENZENE	12.28	180	46251	7.10	UG/L		95

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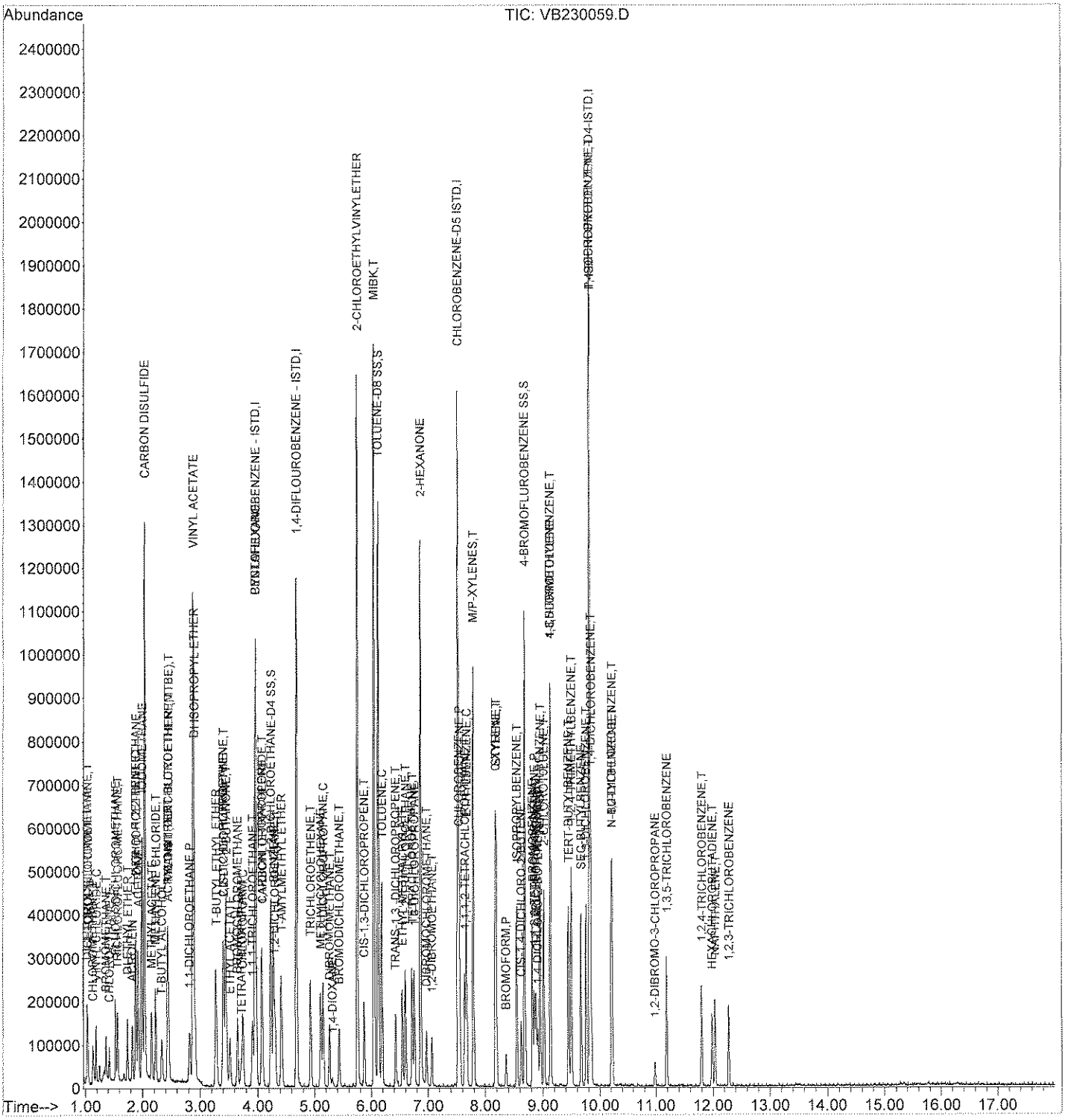
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230059.D
Acq On : 19 Aug 2011 6:03 pm
Operator : LBD/MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Aug 22 04:28:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



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

VOLATILES QC DATA

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

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035630-BLK1	File ID:	VB230007.D
Sampled:		Prepared:	08/17/11 09:24	Analyzed:	08/18/11 14:03
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

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

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035630-BLK1	File ID:	VB230007.D
Sampled:		Prepared:	08/17/11 09:24	Analyzed:	08/18/11 14:03
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

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

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035630-BLK1	File ID:	VB230007.D
Sampled:		Prepared:	08/17/11 09:24	Analyzed:	08/18/11 14:03
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230007.D
Acq On : 18 Aug 2011 2:03 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

CHECKED BY: MARK FLANNE AUG 19 2011

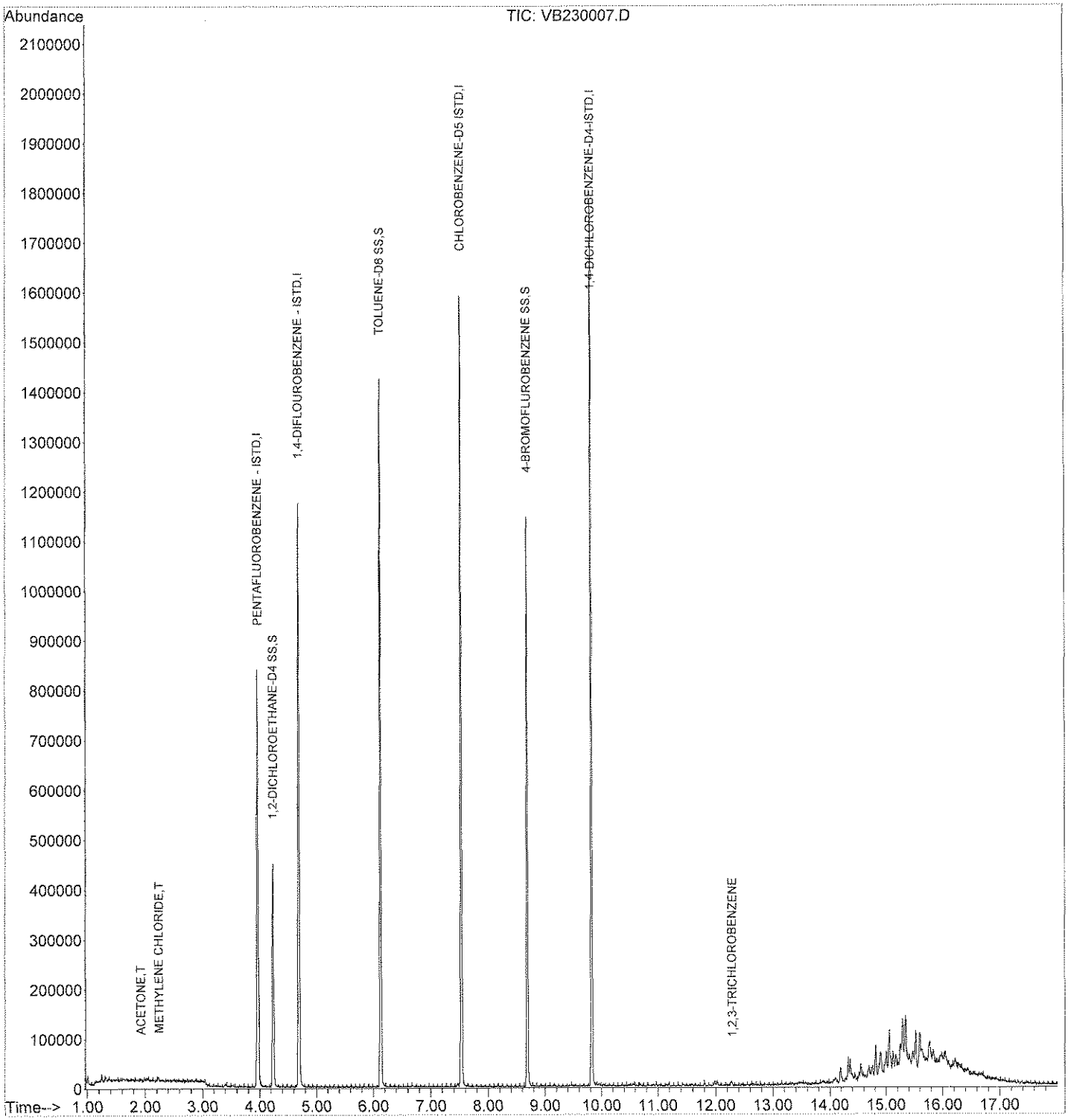
Quant Time: Aug 19 10:14:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

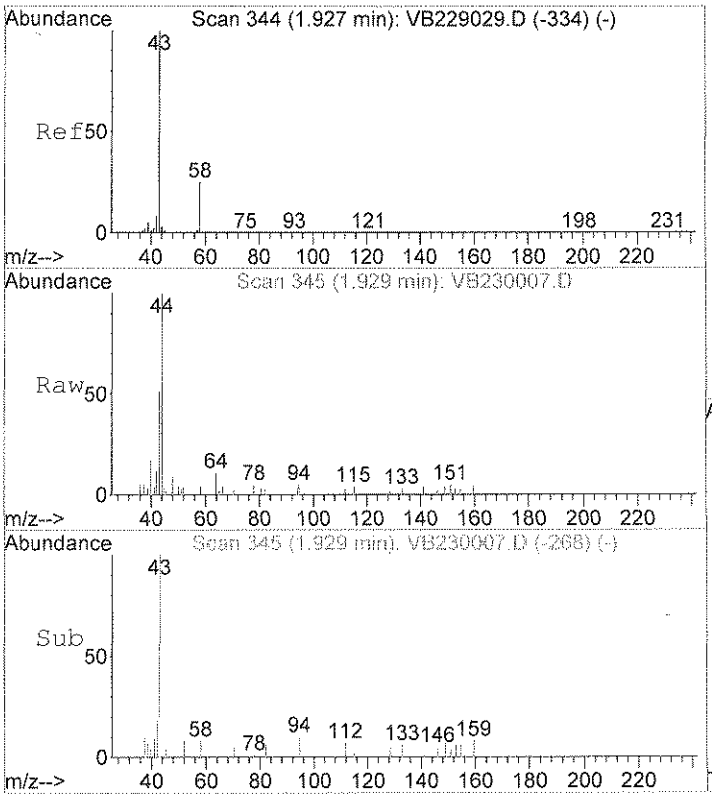
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	517300	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	778148	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	376202	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	378197	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	267726	23.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.44%			
42) TOLUENE-D8 SS	6.13	98	722049	24.03	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.12%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	286785	24.92	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	3666	1.46	UG/L #	88
16) IODOMETHANE	2.00	142	2510	Below Cal	#	71
20) METHYLENE CHLORIDE	2.22	49	3603	0.34	UG/L #	89
95) 1,2,3-TRICHLOROBENZENE	12.28	180	2563	0.40	UG/L #	91

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230007.D
Acq On : 18 Aug 2011 2:03 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 10:14:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

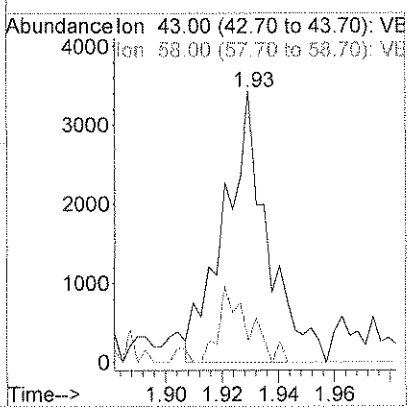


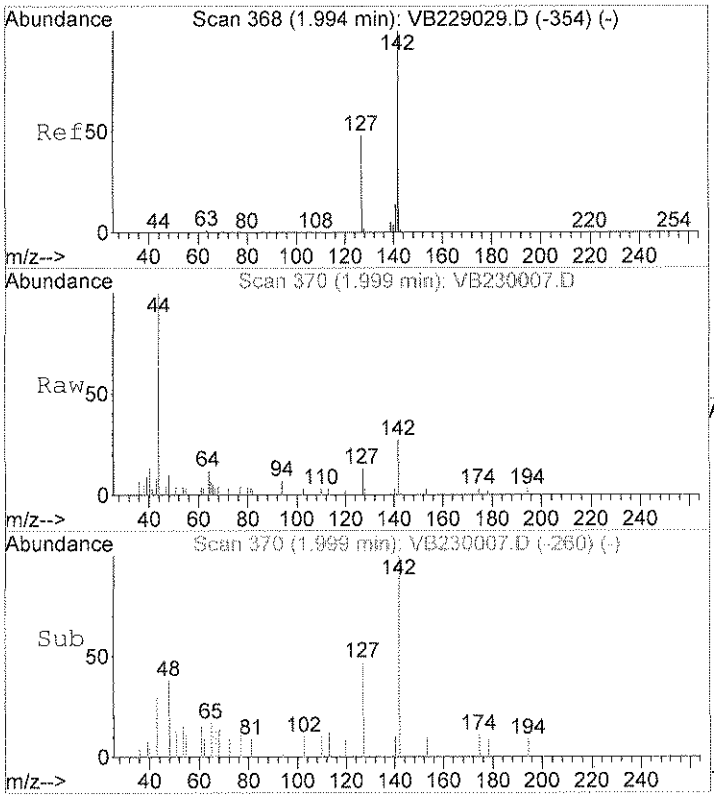


#13
ACETONE
Concen: 1.46 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB230007.D
Acq: 18 Aug 2011 2:03 pm

Tgt Ion: 43 Resp: 3666

Ion	Ratio	Lower	Upper
43	100		
58	19.2	20.2	30.2#

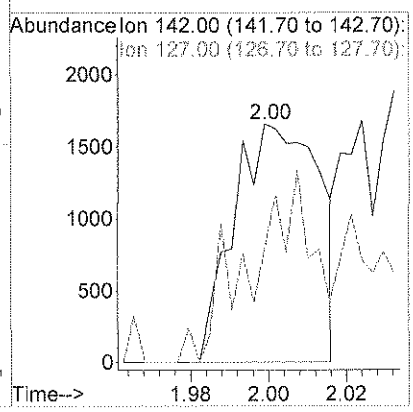


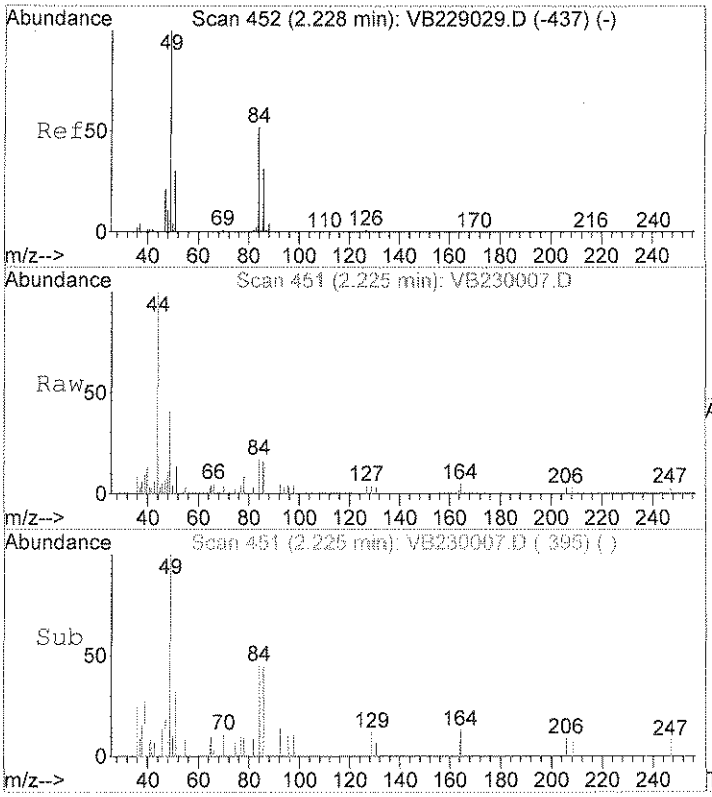


#16
IODOMETHANE
Concen: Below Cal
RT: 2.00 min Scan# 370
Delta R.T. 0.01 min
Lab File: VB230007.D
Acq: 18 Aug 2011 2:03 pm

Tgt Ion:142 Resp: 2510

Ion	Ratio	Lower	Upper
142	100		
127	24.8	34.5	51.7#

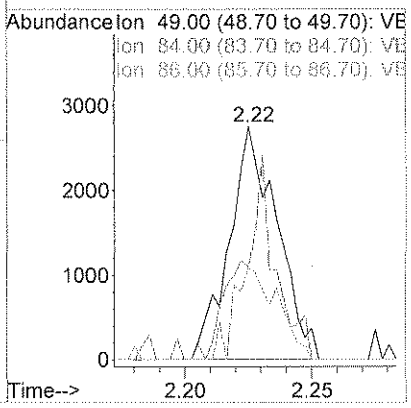


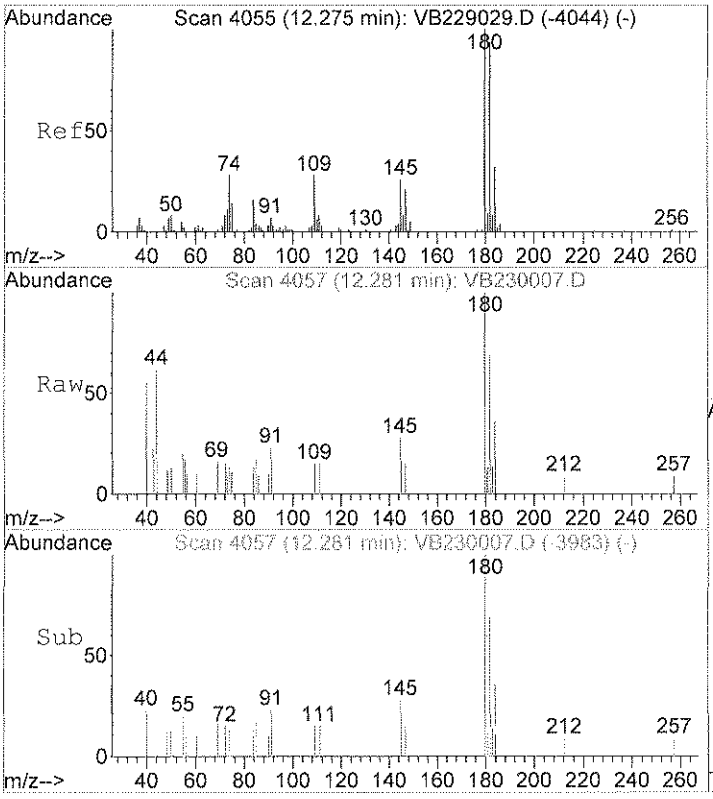


#20
METHYLENE CHLORIDE
Concen: 0.34 UG/L
RT: 2.22 min Scan# 451
Delta R.T. -0.00 min
Lab File: VB230007.D
Acq: 18 Aug 2011 2:03 pm

Tgt Ion: 49 Resp: 3603

Ion	Ratio	Lower	Upper
49	100		
84	61.7	41.1	61.7#
86	36.5	26.5	39.7

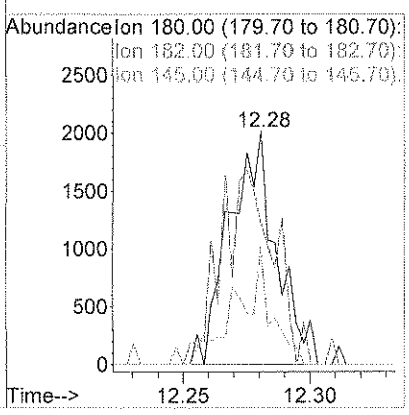




#95
1,2,3-TRICHLOROBENZENE
Concen: 0.40 UG/L
RT: 12.28 min Scan# 4057
Delta R.T. 0.01 min
Lab File: VB230007.D
Acq: 18 Aug 2011 2:03 pm

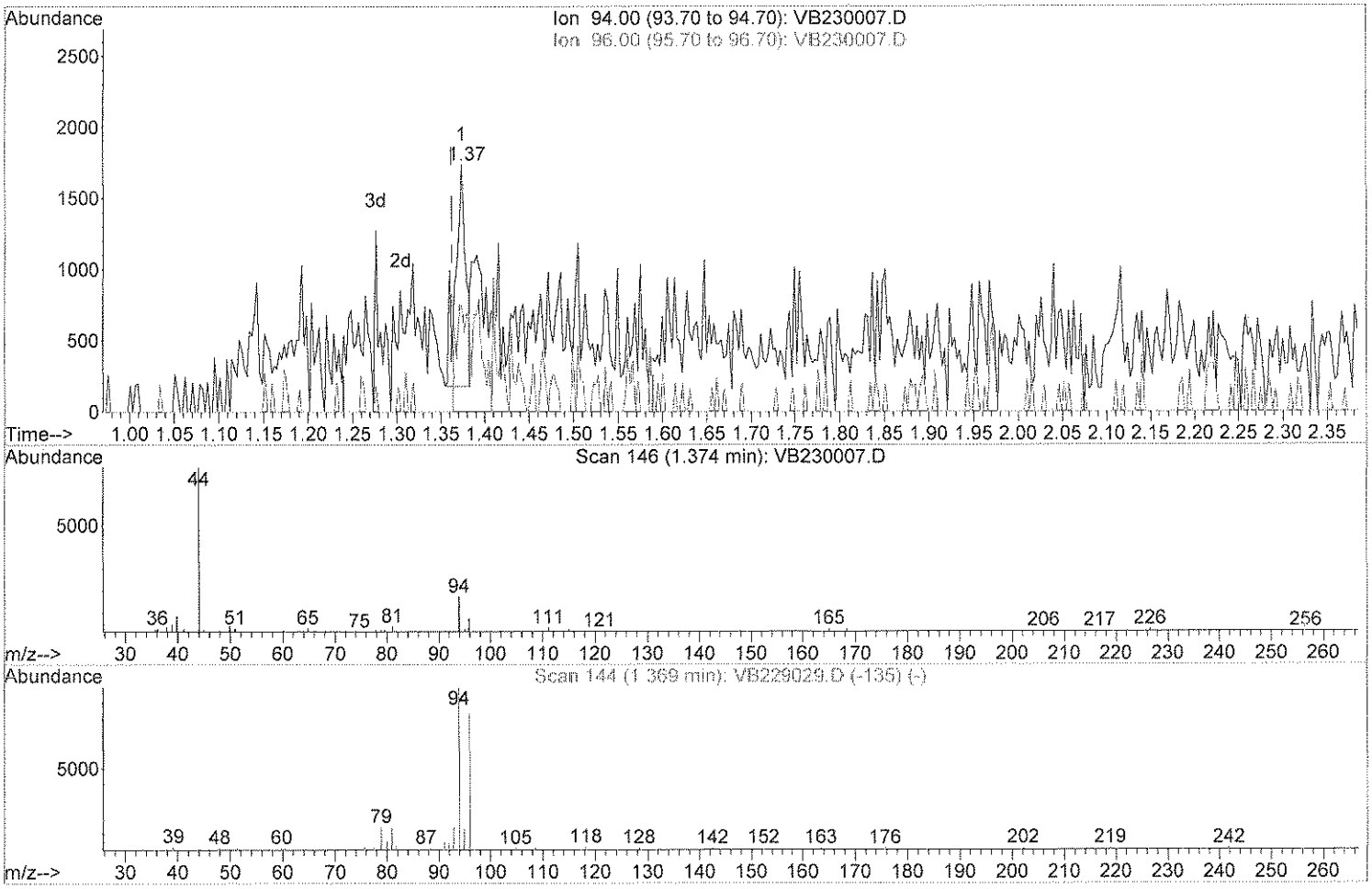
Tgt Ion:180 Resp: 2563

Ion	Ratio	Lower	Upper
180	100		
182	94.8	81.2	121.8
145	21.0	24.9	37.3#



Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230007.D
Acq On : 18 Aug 2011 2:03 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 10:13:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230007.D

(7) BROMOMETHANE (T)

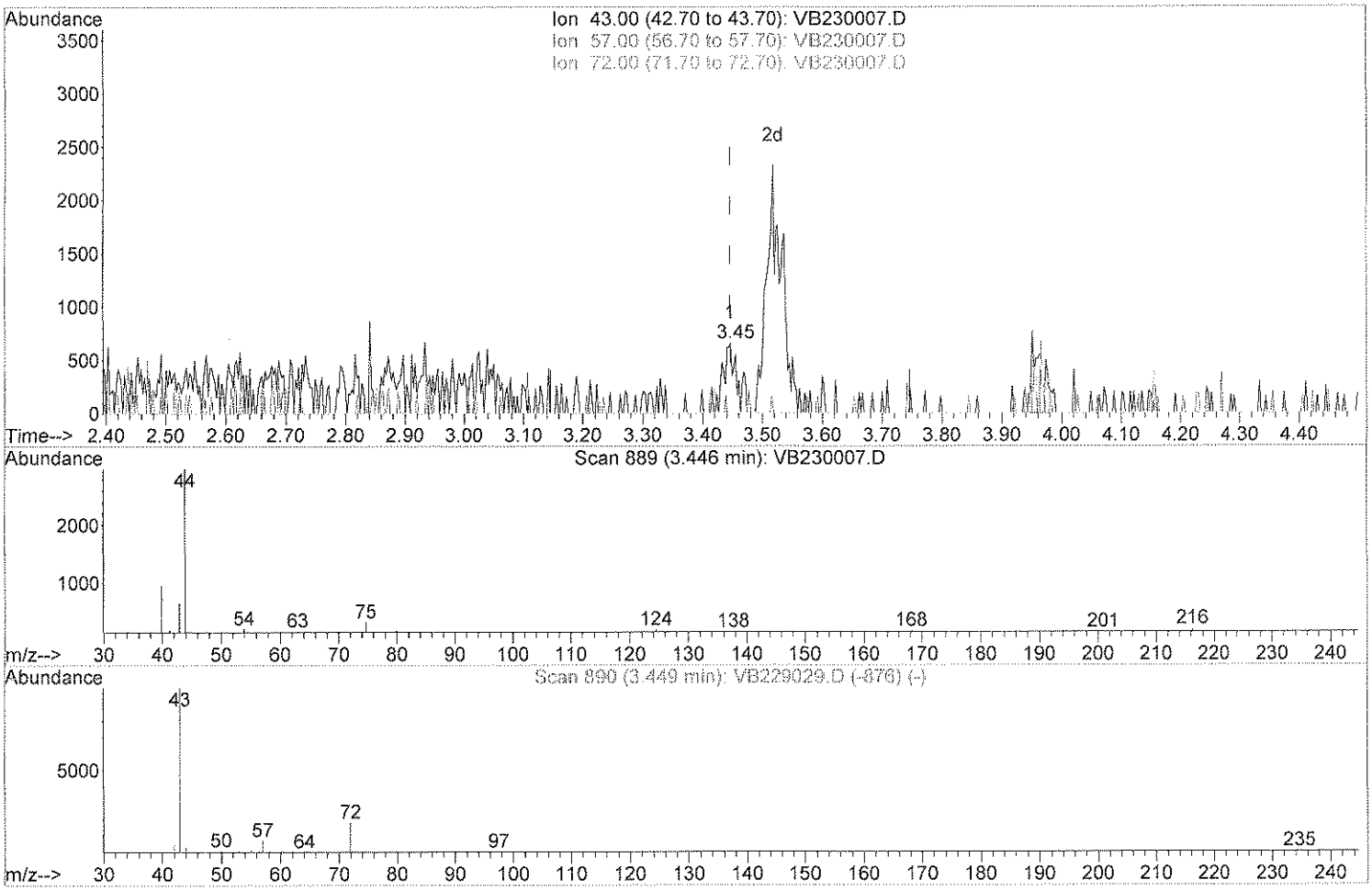
1.374min (+0.011) 0.34UG/L

response 1286

Ion	Exp%	Act%
94.00	100	100
96.00	92.50	60.26#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230007.D
Acq On : 18 Aug 2011 2:03 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 10:13:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230007.D

(27) 2-BUTANONE (T)

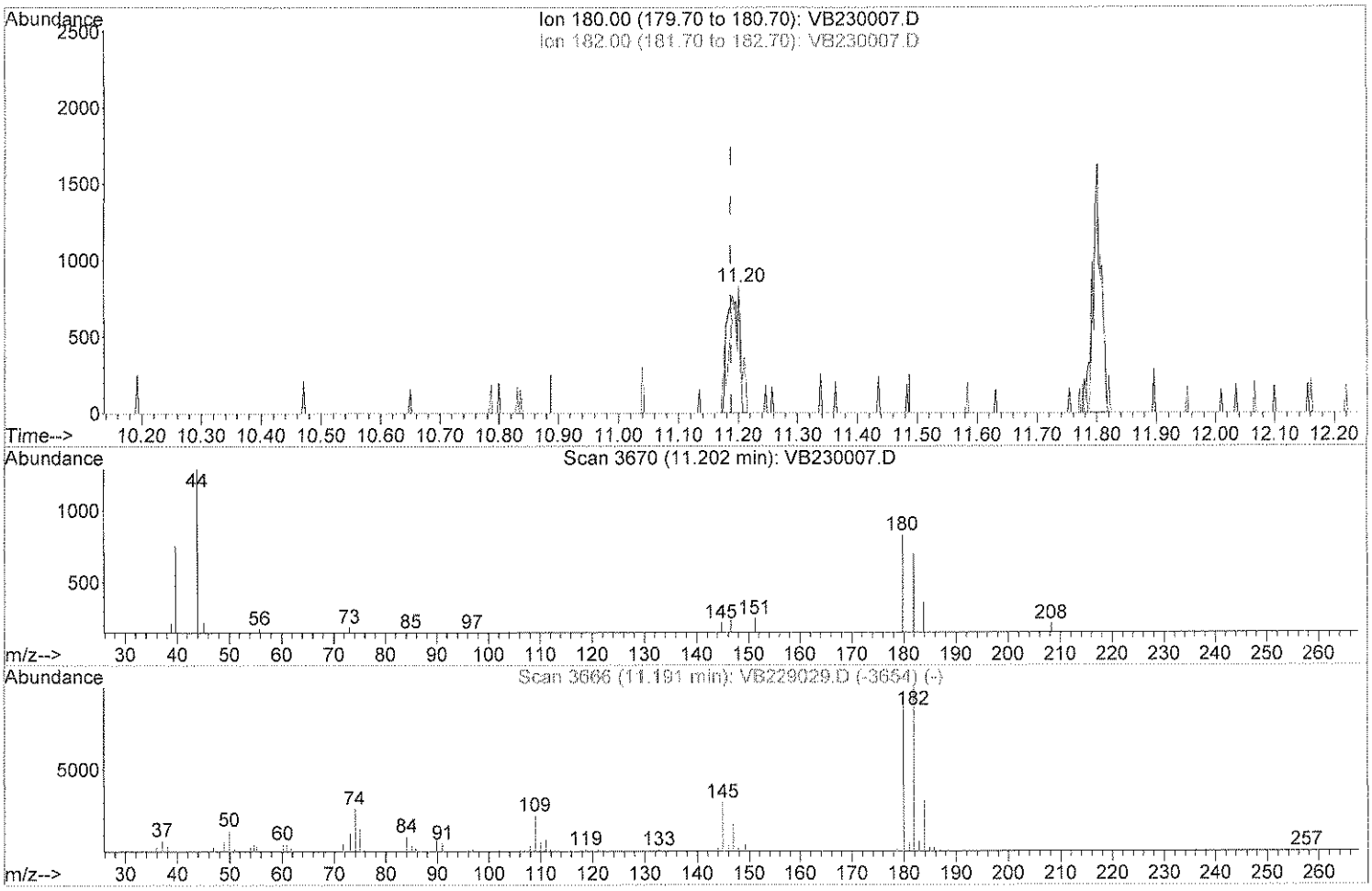
3.446min (-0.000) 0.18UG/L

response 872

Ion	Exp%	Act%
43.00	100	100
57.00	7.10	0.00#
72.00	18.50	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230007.D
Acq On : 18 Aug 2011 2:03 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 10:13:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



TIC: VB230007.D

(91) 1,3,5-TRICHLOROBENZENE

11.202min (+0.014) 0.12UG/L

response 1092

Ion	Exp%	Act%
180.00	100	100
182.00	102.20	75.27#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035630-BS1	File ID:	VB230004.D
Sampled:		Prepared:	08/17/11 09:24	Analyzed:	08/18/11 12:21
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	118	0.54	50	
107-13-1	Acrylonitrile	11.1	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	9.55	0.11	0.50	
71-43-2	Benzene	9.90	0.050	1.0	
108-86-1	Bromobenzene	10.9	0.10	1.0	
74-97-5	Bromochloromethane	11.3	0.10	1.0	
75-27-4	Bromodichloromethane	11.0	0.080	0.50	
75-25-2	Bromoform	9.62	0.25	1.0	
74-83-9	Bromomethane	6.67	0.38	2.0	
78-93-3	2-Butanone (MEK)	114	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	128	3.5	20	V-16, V-20
104-51-8	n-Butylbenzene	9.55	0.050	1.0	
135-98-8	sec-Butylbenzene	10.0	0.050	1.0	
98-06-6	tert-Butylbenzene	10.5	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	8.78	0.070	0.50	
75-15-0	Carbon Disulfide	11.1	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.72	0.090	5.0	
108-90-7	Chlorobenzene	11.7	0.050	1.0	
124-48-1	Chlorodibromomethane	11.1	0.12	1.0	
75-00-3	Chloroethane	10.0	0.33	2.0	
67-66-3	Chloroform	10.3	0.040	2.0	
74-87-3	Chloromethane	7.98	0.13	2.0	
95-49-8	2-Chlorotoluene	11.6	0.050	1.0	
106-43-4	4-Chlorotoluene	12.0	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.1	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.5	0.14	0.50	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035630-BS1	File ID:	VB230004.D
Sampled:		Prepared:	08/17/11 09:24	Analyzed:	08/18/11 12:21
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.1	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.9	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.4	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	9.55	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.50	0.040	2.0	
75-34-3	1,1-Dichloroethane	11.4	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.5	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.9	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.4	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.5	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.0	0.13	1.0	
563-58-6	1,1-Dichloropropene	9.85	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.10	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.1	0.12	0.50	
60-29-7	Diethyl Ether	11.6	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.1	0.030	0.50	
123-91-1	1,4-Dioxane	167	3.5	50	L-02, V-16, V-20
100-41-4	Ethylbenzene	11.4	0.050	1.0	
87-68-3	Hexachlorobutadiene	11.2	0.26	1.0	
591-78-6	2-Hexanone (MBK)	117	0.66	10	V-20
98-82-8	Isopropylbenzene (Cumene)	13.4	0.060	1.0	L-02
99-87-6	p-Isopropyltoluene (p-Cymene)	10.2	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.6	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035630-BS1	File ID:	VB230004.D
Sampled:		Prepared:	08/17/11 09:24	Analyzed:	08/18/11 12:21
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.4	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	116	0.22	10	
91-20-3	Naphthalene	9.50	0.21	2.0	V-05
103-65-1	n-Propylbenzene	11.2	0.040	1.0	
100-42-5	Styrene	11.8	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.9	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.6	0.18	0.50	
127-18-4	Tetrachloroethylene	12.1	0.14	1.0	
109-99-9	Tetrahydrofuran	9.10	1.0	10	
108-88-3	Toluene	11.0	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.98	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	9.33	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.87	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.3	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.0	0.080	1.0	
79-01-6	Trichloroethylene	11.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.87	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.3	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.7	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.8	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.6	0.060	1.0	
75-01-4	Vinyl Chloride	8.56	0.16	2.0	
108383/106423	m+p Xylene	24.2	0.070	2.0	
95-47-6	o-Xylene	12.0	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230004.D
Acq On : 18 Aug 2011 12:21 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

CHECKED BY: MARK FLAHIVE AUG 19 2011

Quant Time: Aug 19 10:09:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	529440	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.68	114	798570	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	388743	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	406071	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	269803	22.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.00%				
42) TOLUENE-D8 SS	6.12	98	741286	24.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.16%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	311939	26.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.92%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	63783	7.50	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.04	51	79569	5.48	UG/L		97
5) CHLOROMETHANE	1.13	50	81884	7.98	UG/L		99
6) VINYL CHLORIDE	1.19	62	66388	8.56	UG/L		96
7) BROMOMETHANE	1.37	94	26076	6.67	UG/L		94
8) CHLOROETHANE	1.42	64	40645	10.03	UG/L		100
9) FLUORODICHLOROMETHANE	1.53	67	94500	8.76	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.57	101	86388	9.87	UG/L		100
11) DI ETHYL ETHER	1.74	59	64420	11.64	UG/L		96
12) ACROLEIN	1.83	56	83673	150.53	UG/L	#	99
13) ACETONE	1.92	43	302826	118.10	UG/L		100
14) 1,1-DICHLOROETHENE	1.89	61	103600	11.15	UG/L		99
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.88	101	49223	10.67	UG/L		100
16) IODOMETHANE	1.99	142	109719	3.48	UG/L		98
17) METHYL ACETATE	2.16	43	146286	9.41	UG/L		99
18) T-BUTYL ALCOHOL	2.33	59	73098	127.84	UG/L	#	86
19) ACRYLONITRILE	2.43	53	39526	11.11	UG/L		94
20) METHYLENE CHLORIDE	2.23	49	125863	11.44	UG/L		100
21) CARBON DISULFIDE	2.04	76	127126	11.06	UG/L	#	94
22) METHYL TERT-BUTYL ETHER (M	2.45	73	175500	10.61	UG/L		96
23) TRANS 1,2-DICHLOROETHENE	2.44	61	101588	11.87	UG/L		99
24) 1,1-DICHLOROETHANE	2.82	63	124274	11.35	UG/L		99
25) VINYL ACETATE	2.88	43	1792311	113.40	UG/L		97
26) DI ISOPROPYL ETHER	2.90	45	287728	11.10	UG/L		98
27) 2-BUTANONE	3.44	43	564983	113.94	UG/L		98
28) T-BUTYL ETHYL ETHER	3.27	59	221055	8.78	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.40	61	140981	10.43	UG/L		100
30) 2,2-DICHLOROPROPANE	3.41	77	73658	11.02	UG/L		99
31) ETHYL ACETATE	3.51	43	102514	8.47	UG/L		99
32) BROMOCHLOROMETHANE	3.65	128	38440	11.32	UG/L		98
33) TETRAHYDROFURAN	3.71	42	31192	9.10	UG/L		97
34) CHLOROFORM	3.74	83	130742	10.31	UG/L		98
35) 1,1,1-TRICHLOROETHANE	3.91	97	101508	11.31	UG/L		98
36) CYCLOHEXANE	3.95	56	118919	9.08	UG/L		94
37) CARBON TETRACHLORIDE	4.07	117	76327	9.72	UG/L		99
38) 1,1-DICHLOROPROPENE	4.08	75	91066	9.85	UG/L		98
39) BENZENE	4.28	78	291794	9.90	UG/L		100

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230004.D
Acq On : 18 Aug 2011 12:21 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 10:09:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	153968	9.55	UG/L	#	83
43) 1,2-DICHLOROETHANE	4.31	62	129258	11.47	UG/L		97
44) TRICHLOROETHENE	4.93	95	78460	11.49	UG/L		97
45) METHYLCYCLOHEXANE	5.11	83	69362	9.20	UG/L		98
46) 1,2-DICHLOROPROPANE	5.15	63	79362	10.41	UG/L		95
47) DIBROMOMETHANE	5.26	93	47870	11.09	UG/L		94
48) 1,4-DIOXANE	5.30	88	8563	166.78	UG/L	#	65
49) BROMODICHLOROMETHANE	5.43	83	75565	10.96	UG/L		99
50) 2-CHLOROETHYLVINYLETHER	5.75	63	1486	0.29	UG/L		83
51) MIBK	6.05	43	1089995	116.14	UG/L		97
52) CIS-1,3-DICHLOROPROPENE	5.88	75	88241	9.10	UG/L		97
53) TOLUENE	6.19	91	319254	11.03	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.42	75	79148	10.10	UG/L		97
55) ETHYL METHACRYLATE	6.54	41	89589	10.71	UG/L		96
56) 1,1,2-TRICHLOROETHANE	6.60	97	72780	11.05	UG/L		98
57) 2-HEXANONE	6.87	43	762703	117.33	UG/L		97
58) TETRACHLOROETHENE	6.72	164	61481	12.14	UG/L		99
59) 1,3-DICHLOROPROPANE	6.76	76	121073	10.53	UG/L		97
60) DIBROMOCHLOROMETHANE	6.97	129	53367	11.13	UG/L		100
61) 1,2-DIBROMOETHANE	7.07	107	74507	11.46	UG/L		100
64) CHLOROBENZENE	7.55	112	212999	11.71	UG/L		99
65) 1,1,1,2-TETRACHLOROETHANE	7.65	131	65511	11.91	UG/L		98
66) ETHYLBENZENE	7.68	91	339200	11.45	UG/L		99
67) M/P-XYLENES	7.79	91	546760	24.20	UG/L		99
68) O-XYLENE	8.18	91	281151	12.03	UG/L		99
69) STYRENE	8.19	104	214569	11.83	UG/L		99
70) BROMOFORM	8.36	173	33051	9.62	UG/L		98
71) ISOPROPYLBENZENE	8.55	105	290008	13.39	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	30256	9.34	UG/L	#	67
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	90339	10.55	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	27870	9.55	UG/L	#	83
75) BROMOBENZENE	8.82	77	138099	10.90	UG/L		97
76) 1,2,3-TRICHLOROPROPANE	8.88	110	26789	10.30	UG/L		95
77) N-PROPYLBENZENE	8.95	91	346837	11.24	UG/L		100
78) 2-CHLOROTOLUENE	9.02	91	237875	11.57	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.13	105	248378	11.64	UG/L		97
80) 4-CHLOROTOLUENE	9.13	91	279778	12.03	UG/L		99
82) TERT-BUTYLBENZENE	9.45	119	191520	10.52	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	265401	10.78	UG/L		99
84) SEC-BUTYLBENZENE	9.67	105	251213	10.03	UG/L		99
85) 1,3-DICHLOROBENZENE	9.75	146	170048	10.76	UG/L		100
86) P-ISOPROPYLTOLUENE	9.82	119	214969	10.21	UG/L		98
87) 1,4-DICHLOROBENZENE	9.85	146	173759	10.37	UG/L		98
88) N-BUTYLBENZENE	10.22	91	184366	9.55	UG/L		99
89) 1,2-DICHLOROBENZENE	10.21	146	170610	10.87	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	10192	10.11	UG/L		99
91) 1,3,5-TRICHLOROBENZENE	11.19	180	93420	9.87	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.80	180	80129	9.33	UG/L		100
93) HEXACHLOROBUTADIENE	11.98	225	40764	11.21	UG/L		98
94) NAPHTHALENE	12.04	128	169954	9.50	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	62070	8.98	UG/L		98

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230004.D
Acq On : 18 Aug 2011 12:21 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 10:09:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230004.D
Acq On : 18 Aug 2011 12:21 pm
Operator : LBD/MFF
Sample : B0-BS1
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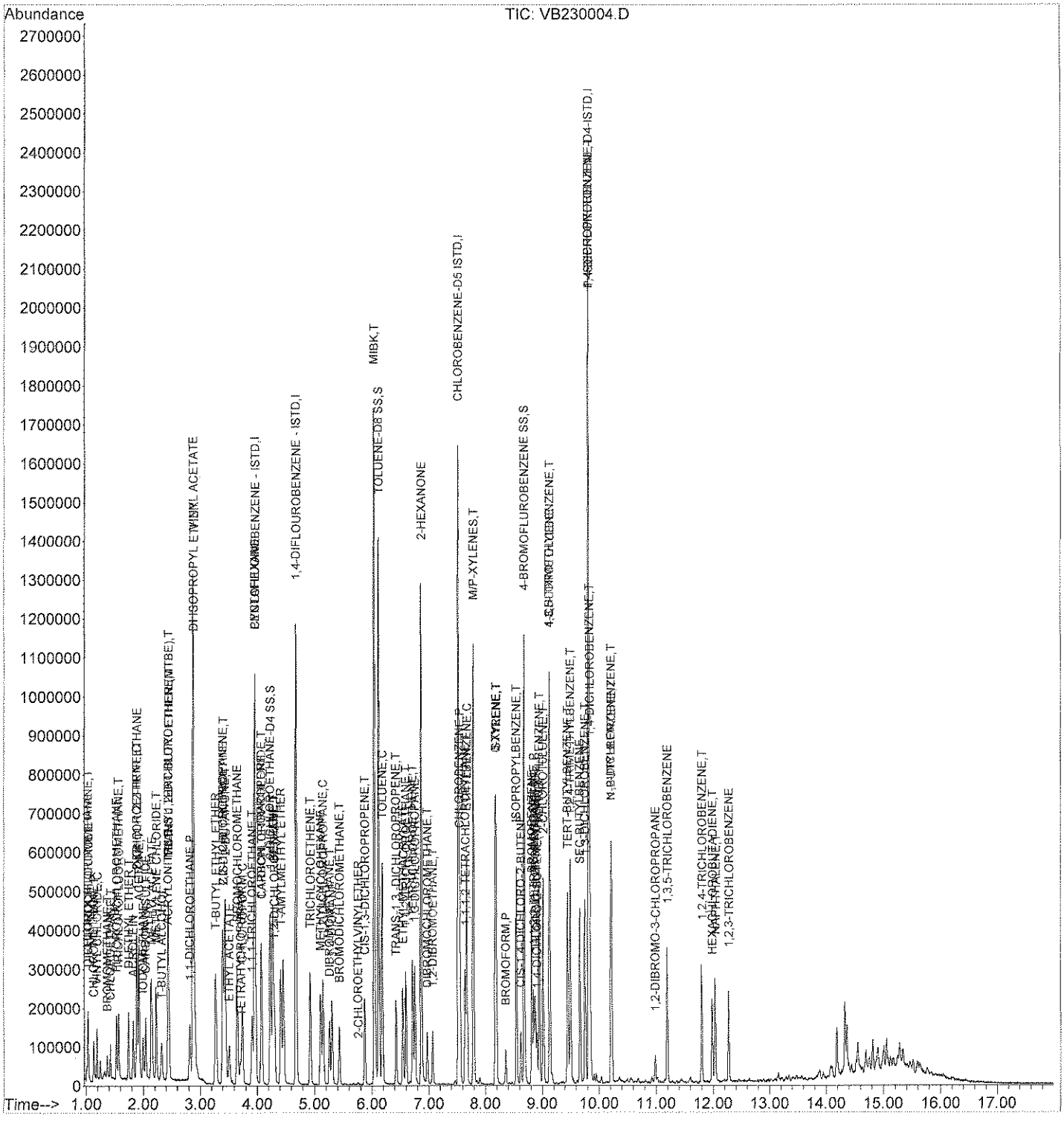
Quant Time: Aug 19 10:09:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035630-BSD1	File ID:	VB230005.D
Sampled:		Prepared:	08/17/11 09:24	Analyzed:	08/18/11 12:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	120	0.54	50	
107-13-1	Acrylonitrile	10.8	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.0	0.11	0.50	
71-43-2	Benzene	9.96	0.050	1.0	
108-86-1	Bromobenzene	11.1	0.10	1.0	
74-97-5	Bromochloromethane	11.4	0.10	1.0	
75-27-4	Bromodichloromethane	11.0	0.080	0.50	
75-25-2	Bromoform	9.68	0.25	1.0	
74-83-9	Bromomethane	7.01	0.38	2.0	
78-93-3	2-Butanone (MEK)	110	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	125	3.5	20	V-16, V-20
104-51-8	n-Butylbenzene	9.47	0.050	1.0	
135-98-8	sec-Butylbenzene	10.2	0.050	1.0	
98-06-6	tert-Butylbenzene	10.5	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	8.76	0.070	0.50	
75-15-0	Carbon Disulfide	9.44	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.86	0.090	5.0	
108-90-7	Chlorobenzene	11.9	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	1.0	
75-00-3	Chloroethane	9.88	0.33	2.0	
67-66-3	Chloroform	10.2	0.040	2.0	
74-87-3	Chloromethane	7.82	0.13	2.0	
95-49-8	2-Chlorotoluene	11.5	0.050	1.0	
106-43-4	4-Chlorotoluene	12.0	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.1	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.5	0.14	0.50	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035630-BSD1	File ID:	VB230005.D
Sampled:		Prepared:	08/17/11 09:24	Analyzed:	08/18/11 12:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.3	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.8	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.6	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.4	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	9.60	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.36	0.040	2.0	
75-34-3	1,1-Dichloroethane	11.2	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.6	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.8	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.88	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.8	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.9	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.4	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.3	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.1	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.07	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.1	0.12	0.50	
60-29-7	Diethyl Ether	11.7	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.7	0.030	0.50	
123-91-1	1,4-Dioxane	191	3.5	50	L-02, V-16, V-20
100-41-4	Ethylbenzene	11.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	11.5	0.26	1.0	
591-78-6	2-Hexanone (MBK)	121	0.66	10	V-20
98-82-8	Isopropylbenzene (Cumene)	13.3	0.060	1.0	L-02
99-87-6	p-Isopropyltoluene (p-Cymene)	10.2	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.6	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035630-BSD1	File ID:	VB230005.D
Sampled:		Prepared:	08/17/11 09:24	Analyzed:	08/18/11 12:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035630	Sequence:	S001081	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.0	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	119	0.22	10	
91-20-3	Naphthalene	10.1	0.21	2.0	V-05
103-65-1	n-Propylbenzene	11.1	0.040	1.0	
100-42-5	Styrene	11.9	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.8	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.9	0.18	0.50	
127-18-4	Tetrachloroethylene	12.5	0.14	1.0	
109-99-9	Tetrahydrofuran	8.76	1.0	10	
108-88-3	Toluene	11.0	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.85	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	9.89	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	10.0	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.1	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.2	0.080	1.0	
79-01-6	Trichloroethylene	11.7	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.65	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.9	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.9	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.8	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.6	0.060	1.0	
75-01-4	Vinyl Chloride	8.41	0.16	2.0	
108383/106423	m+p Xylene	24.2	0.070	2.0	
95-47-6	o-Xylene	12.0	0.050	1.0	

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230005.D
Acq On : 18 Aug 2011 12:59 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

CHECKED BY: MARK FLANIVE AUG 19 2011

Quant Time: Aug 19 10:10:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	532789	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.68	114	796755	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	388728	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	401112	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	269294	22.57	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.28%				
42) TOLUENE-D8 SS	6.13	98	738753	24.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.04%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	308870	25.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.88%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	62929	7.36	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.04	51	81157	5.56	UG/L		98
5) CHLOROMETHANE	1.13	50	80764	7.82	UG/L		99
6) VINYL CHLORIDE	1.19	62	65628	8.41	UG/L		99
7) BROMOMETHANE	1.37	94	27583	7.01	UG/L		92
8) CHLOROETHANE	1.42	64	40296	9.88	UG/L		97
9) FLUORODICHLOROMETHANE	1.53	67	90532	8.33	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.57	101	84978	9.65	UG/L		98
11) DI ETHYL ETHER	1.74	59	65080	11.68	UG/L		99
12) ACROLEIN	1.83	56	72738	130.03	UG/L	#	99
13) ACETONE	1.92	43	308948	119.73	UG/L		99
14) 1,1-DICHLOROETHENE	1.89	61	100710	10.77	UG/L		98
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	50413	10.86	UG/L		98
16) IODOMETHANE	1.99	142	86558	Below Cal			95
17) METHYL ACETATE	2.16	43	145996	9.34	UG/L		98
18) T-BUTYL ALCOHOL	2.33	59	72209	125.49	UG/L	#	86
19) ACRYLONITRILE	2.43	53	38683	10.81	UG/L		97
20) METHYLENE CHLORIDE	2.23	49	121323	10.96	UG/L		99
21) CARBON DISULFIDE	2.04	76	109293	9.44	UG/L	#	93
22) METHYL TERT-BUTYL ETHER (M	2.45	73	176615	10.61	UG/L		96
23) TRANS 1,2-DICHLOROETHENE	2.44	61	101462	11.78	UG/L		99
24) 1,1-DICHLOROETHANE	2.82	63	123767	11.24	UG/L		99
25) VINYL ACETATE	2.88	43	1789861	112.53	UG/L		96
26) DI ISOPROPYL ETHER	2.90	45	278948	10.69	UG/L		98
27) 2-BUTANONE	3.45	43	549415	110.10	UG/L		100
28) T-BUTYL ETHYL ETHER	3.27	59	221855	8.76	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.41	61	134382	9.88	UG/L		99
30) 2,2-DICHLOROPROPANE	3.40	77	69334	10.31	UG/L		97
31) ETHYL ACETATE	3.52	43	110221	9.05	UG/L		98
32) BROMOCHLOROMETHANE	3.65	128	38977	11.41	UG/L		96
33) TETRAHYDROFURAN	3.71	42	30197	8.76	UG/L		93
34) CHLOROFORM	3.74	83	130021	10.19	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.91	97	100302	11.11	UG/L		98
36) CYCLOHEXANE	3.96	56	121722	9.23	UG/L		95
37) CARBON TETRACHLORIDE	4.07	117	77968	9.86	UG/L		98
38) 1,1-DICHLOROPROPENE	4.08	75	94173	10.12	UG/L		98
39) BENZENE	4.28	78	295272	9.96	UG/L		99

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230005.D
Acq On : 18 Aug 2011 12:59 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 10:10:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.42	73	162547	10.02	UG/L	#	87
43) 1,2-DICHLOROETHANE	4.31	62	130755	11.63	UG/L		99
44) TRICHLOROETHENE	4.93	95	79576	11.68	UG/L		98
45) METHYLCYCLOHEXANE	5.11	83	70592	9.38	UG/L		98
46) 1,2-DICHLOROPROPANE	5.15	63	82711	10.87	UG/L		93
47) DIBROMOMETHANE	5.26	93	48809	11.33	UG/L		96
48) 1,4-DIOXANE	5.31	88	9793	191.17	UG/L	#	77
49) BROMODICHLOROMETHANE	5.43	83	75600	10.99	UG/L		99
51) MIBK	6.05	43	1110575	118.61	UG/L		97
52) CIS-1,3-DICHLOROPROPENE	5.88	75	87700	9.07	UG/L		94
53) TOLUENE	6.19	91	318469	11.02	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	78751	10.07	UG/L		98
55) ETHYL METHACRYLATE	6.54	41	86798	10.40	UG/L		99
56) 1,1,2-TRICHLOROETHANE	6.60	97	73369	11.17	UG/L		99
57) 2-HEXANONE	6.87	43	782082	120.59	UG/L		98
58) TETRACHLOROETHENE	6.71	164	63013	12.47	UG/L		99
59) 1,3-DICHLOROPROPANE	6.76	76	119404	10.41	UG/L		95
60) DIBROMOCHLOROMETHANE	6.97	129	54550	11.40	UG/L		98
61) 1,2-DIBROMOETHANE	7.07	107	74906	11.54	UG/L	#	99
64) CHLOROBENZENE	7.56	112	215723	11.86	UG/L		98
65) 1,1,1,2-TETRACHLOROETHANE	7.64	131	64898	11.80	UG/L		98
66) ETHYLBENZENE	7.68	91	345524	11.66	UG/L		99
67) M/P-XYLENES	7.79	91	547188	24.22	UG/L		98
68) O-XYLENE	8.18	91	279854	11.98	UG/L		100
69) STYRENE	8.20	104	215661	11.89	UG/L		99
70) BROMOFORM	8.36	173	33318	9.68	UG/L		99
71) ISOPROPYLBENZENE	8.55	105	288988	13.34	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	31023	9.58	UG/L	#	67
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	93360	10.90	UG/L		97
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	28012	9.60	UG/L	#	78
75) BROMOBENZENE	8.82	77	140292	11.07	UG/L		97
76) 1,2,3-TRICHLOROPROPANE	8.89	110	28383	10.91	UG/L		87
77) N-PROPYLBENZENE	8.95	91	342486	11.10	UG/L		98
78) 2-CHLOROTOLUENE	9.02	91	237194	11.54	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	247198	11.58	UG/L		100
80) 4-CHLOROTOLUENE	9.13	91	278383	11.97	UG/L		100
82) TERT-BUTYLBENZENE	9.45	119	189547	10.54	UG/L		100
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	261609	10.76	UG/L		98
84) SEC-BUTYLBENZENE	9.67	105	250978	10.15	UG/L		99
85) 1,3-DICHLOROBENZENE	9.75	146	166239	10.64	UG/L		98
86) P-ISOPROPYLTOLUENE	9.82	119	211617	10.18	UG/L		99
87) 1,4-DICHLOROBENZENE	9.85	146	171680	10.37	UG/L		96
88) N-BUTYLBENZENE	10.22	91	180608	9.47	UG/L		98
89) 1,2-DICHLOROBENZENE	10.21	146	167645	10.81	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	10044	10.09	UG/L		95
91) 1,3,5-TRICHLOROBENZENE	11.19	180	93667	10.02	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.80	180	83954	9.89	UG/L		98
93) HEXACHLOROBUTADIENE	11.98	225	41289	11.49	UG/L		98
94) NAPHTHALENE	12.04	128	178082	10.08	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	67282	9.85	UG/L		98

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230005.D
Acq On : 18 Aug 2011 12:59 pm
Operator : LBD/MFF
Sample : BO-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

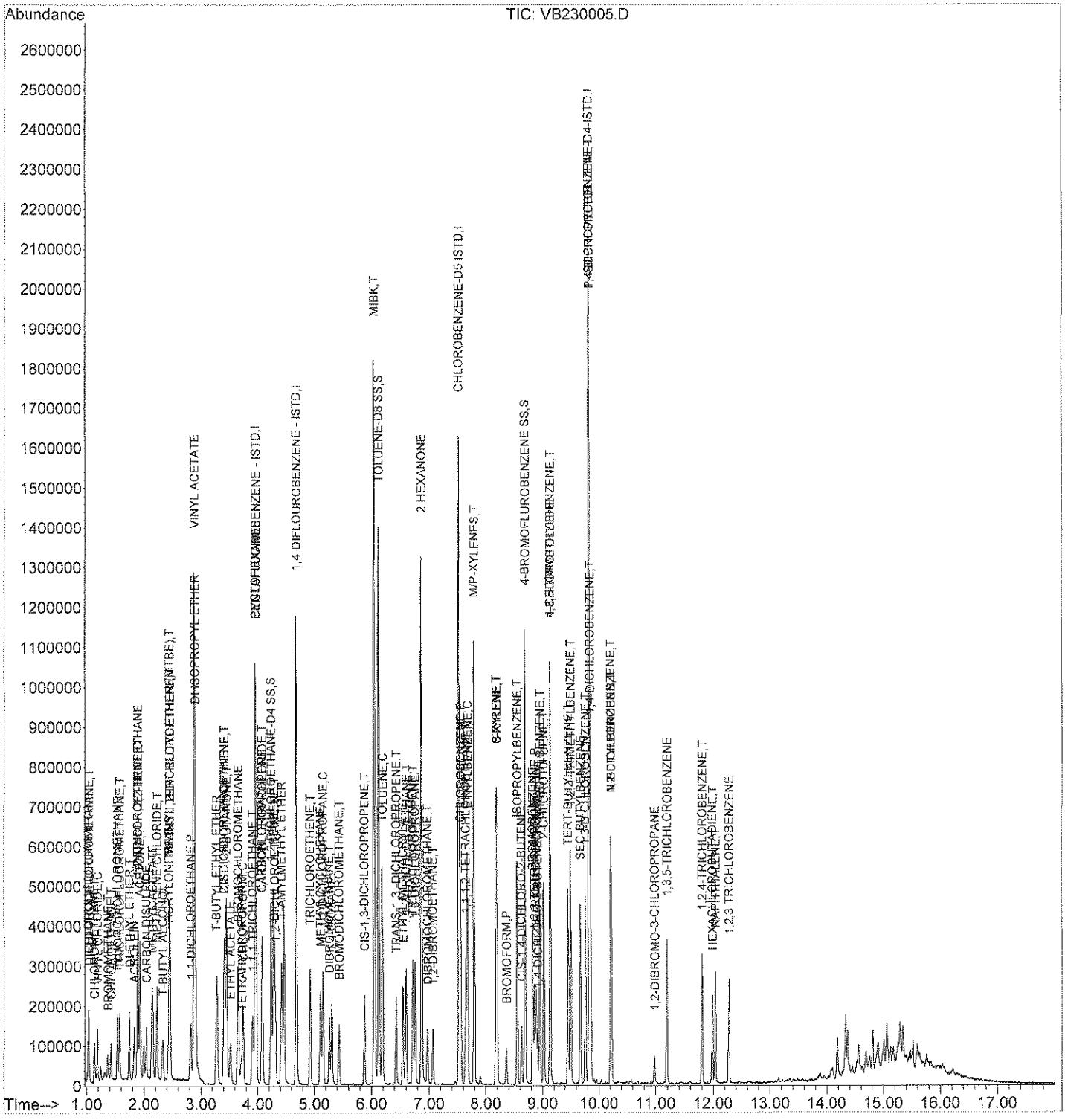
Quant Time: Aug 19 10:10:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDChem\1\DATA\081811\
Data File : VB230005.D
Acq On : 18 Aug 2011 12:59 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 10:10:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



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

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035804-BLK1	File ID:	VB230064.D
Sampled:		Prepared:	08/19/11 09:18	Analyzed:	08/19/11 20:45
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035804	Sequence:	S001082	Calibration:	1100023
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
109-99-9	Tetrahydrofuran		1.0	10	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230064.D
Acq On : 19 Aug 2011 8:45 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Aug 22 13:03:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

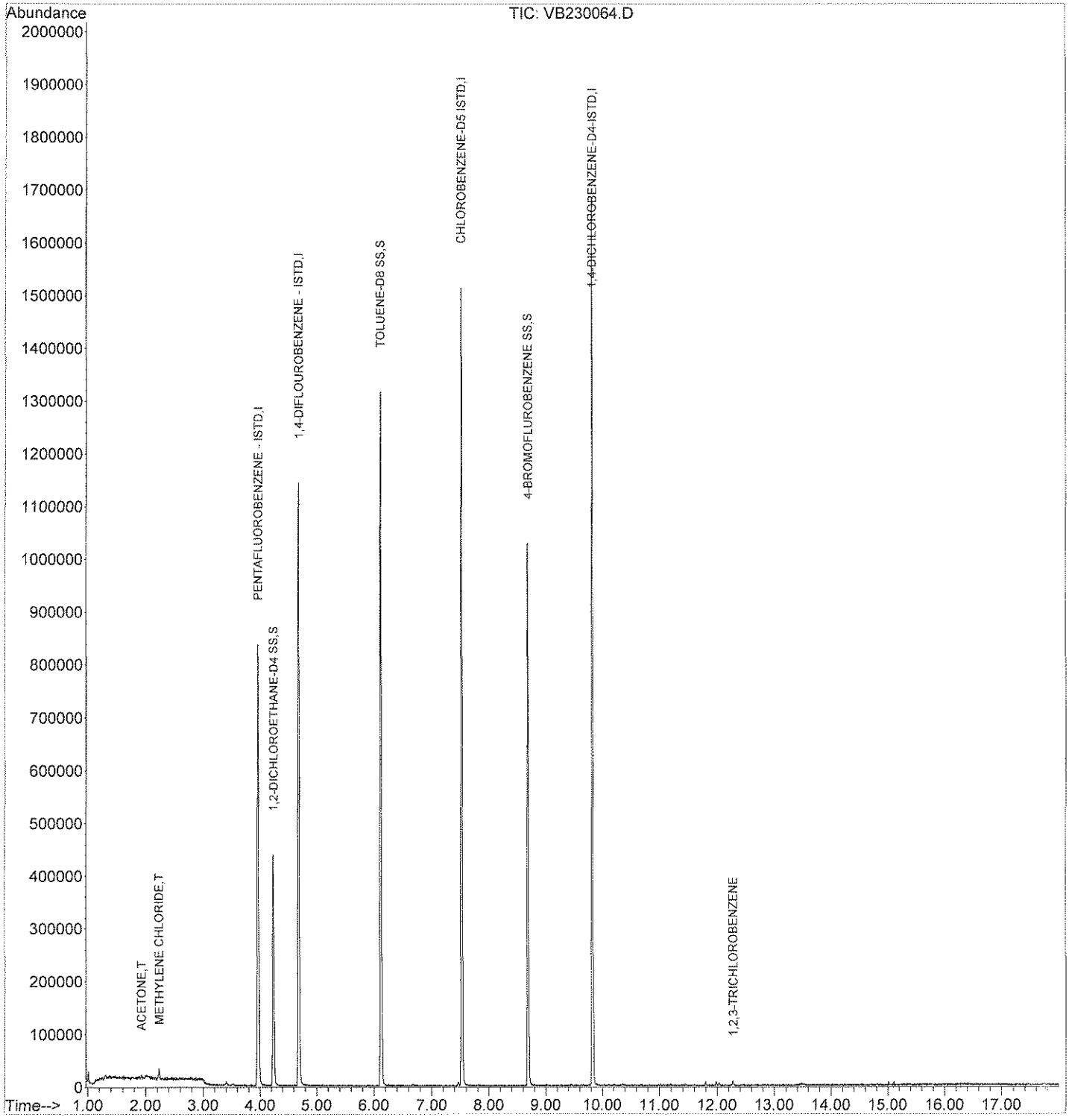
CHECKED BY: MICK FLANNE AUG 22 2011

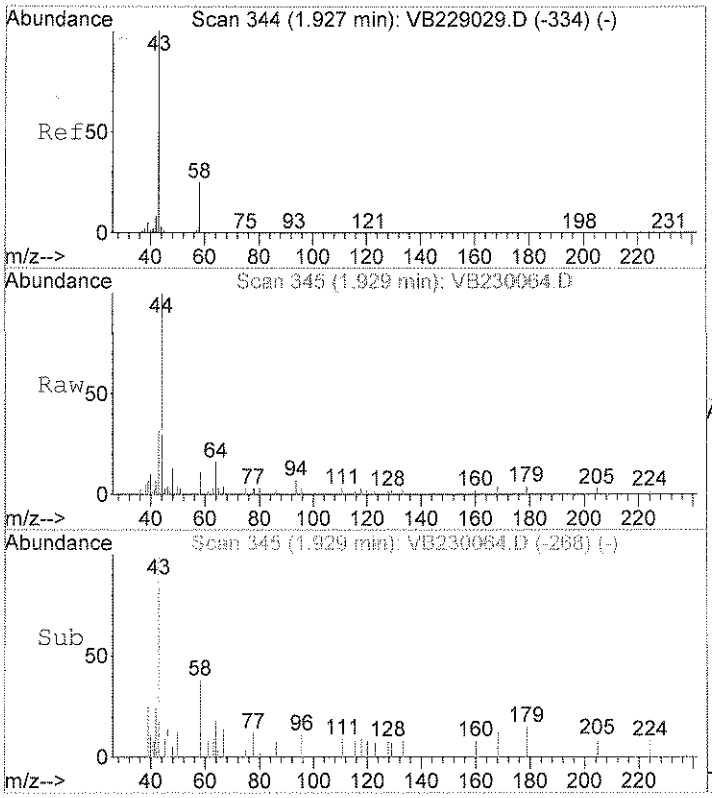
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.96	168	512586	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	759540	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	358186	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	358078	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.24	65	266846	23.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.00%			
42) TOLUENE-D8 SS	6.13	98	685042	23.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.44%			
63) 4-BROMOFLUROBENZENE SS	8.69	95	262655	23.97	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.88%			
Target Compounds						Qvalue
13) ACETONE	1.93	43	3245	1.31	UG/L #	50
16) IODOMETHANE	2.01	142	8879	Below Cal		89
20) METHYLENE CHLORIDE	2.23	49	7791	0.73	UG/L	98
95) 1,2,3-TRICHLOROBENZENE	12.27	180	2062	0.34	UG/L	98

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

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230064.D
Acq On : 19 Aug 2011 8:45 pm
Operator : LBD/MFF
Sample : B0-BLK1
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Aug 22 13:03:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

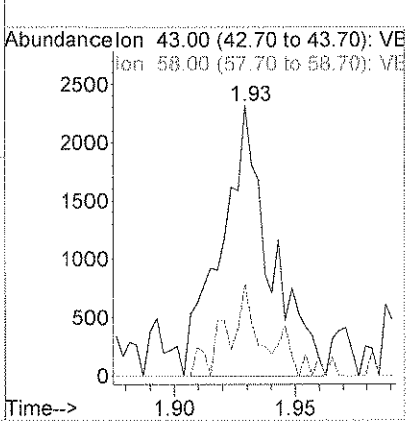


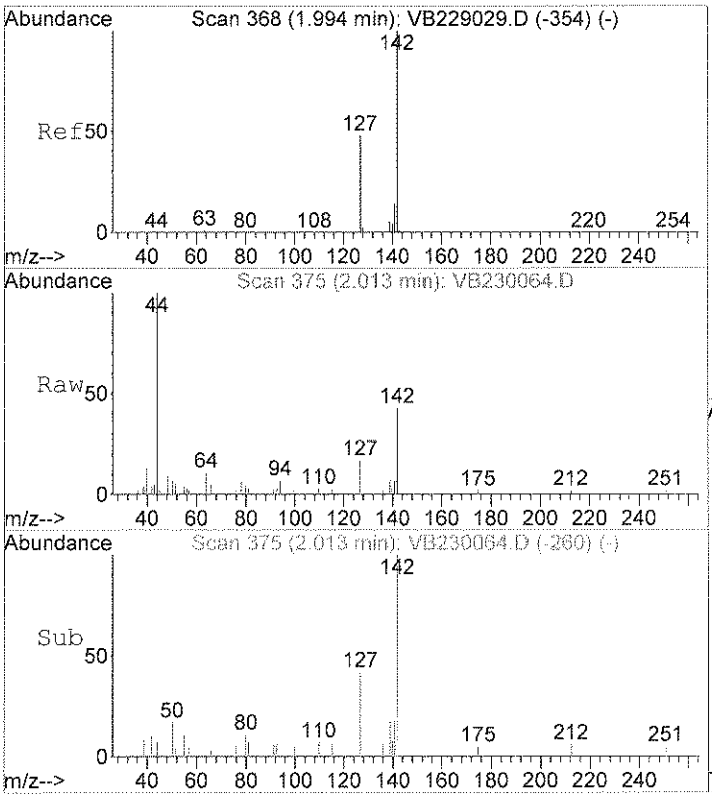


#13
ACETONE
Concen: 1.31 UG/L
RT: 1.93 min Scan# 345
Delta R.T. 0.00 min
Lab File: VB230064.D
Acq: 19 Aug 2011 8:45 pm

Tgt Ion: 43 Resp: 3245

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.2	30.2#

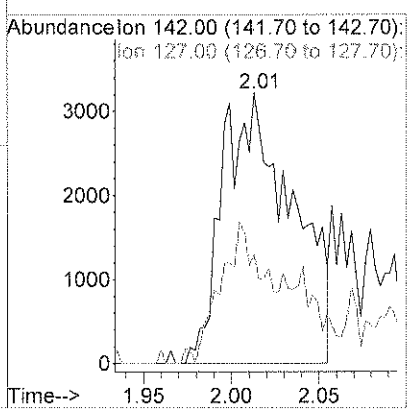


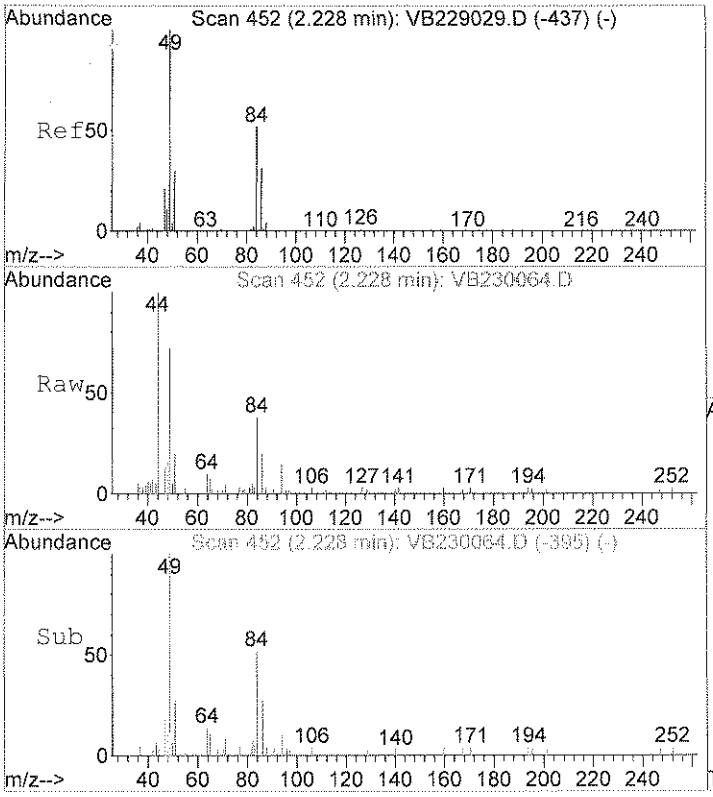


#16
IODOMETHANE
Concen: Below Cal
RT: 2.01 min Scan# 375
Delta R.T. 0.02 min
Lab File: VB230064.D
Acq: 19 Aug 2011 8:45 pm

Tgt Ion:142 Resp: 8879

Ion	Ratio	Lower	Upper
142	100		
127	50.1	34.5	51.7

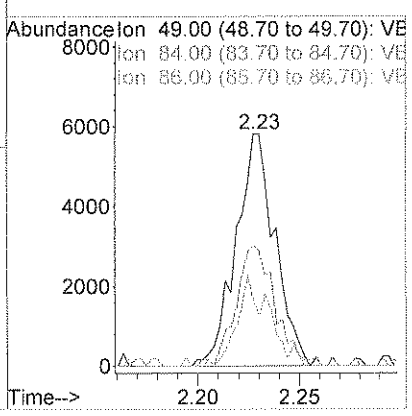


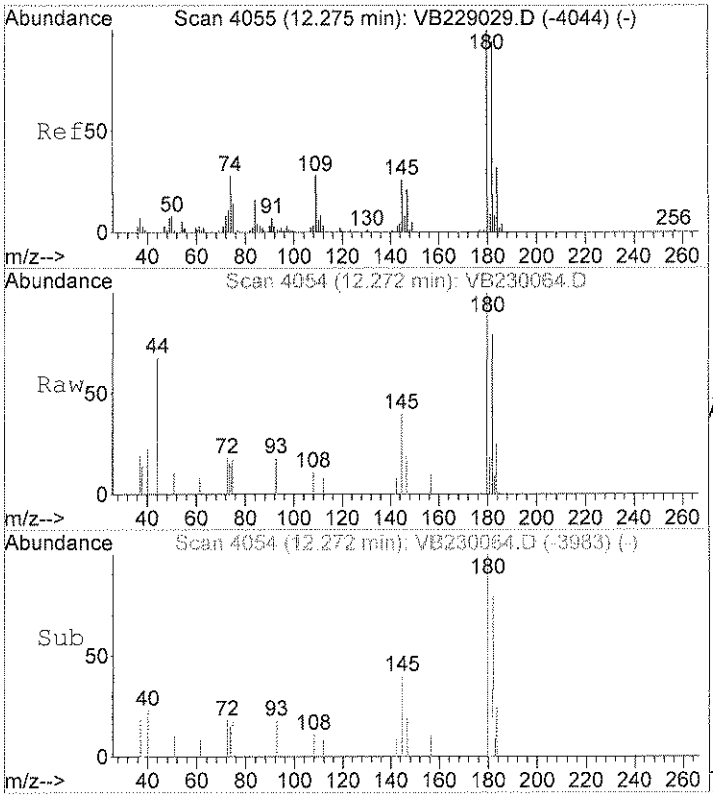


#20
METHYLENE CHLORIDE
Concen: 0.73 UG/L
RT: 2.23 min Scan# 452
Delta R.T. 0.00 min
Lab File: VB230064.D
Acq: 19 Aug 2011 8:45 pm

Tgt Ion: 49 Resp: 7791

Ion	Ratio	Lower	Upper
49	100		
84	52.1	41.1	61.7
86	31.8	26.5	39.7

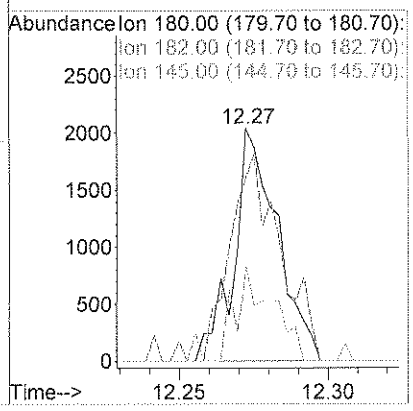




#95
1,2,3-TRICHLOROBENZENE
Concen: 0.34 UG/L
RT: 12.27 min Scan# 4054
Delta R.T. -0.00 min
Lab File: VB230064.D
Acq: 19 Aug 2011 8:45 pm

Tgt Ion:180 Resp: 2062

Ion	Ratio	Lower	Upper
180	100		
182	102.6	81.2	121.8
145	35.0	24.9	37.3



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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035804-BS1	File ID:	VB230061.D
Sampled:		Prepared:	08/19/11 09:18	Analyzed:	08/19/11 19:08
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035804	Sequence:	S001082	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
109-99-9	Tetrahydrofuran	8.92	1.0	10	

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230061.D
Acq On : 19 Aug 2011 7:08 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 61 Sample Multiplier: 1

CHECKED BY: MARK FLANNE AUG 22 2011

Quant Time: Aug 22 12:56:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	520421	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.69	114	780896	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	371970	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	387108	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	264896	22.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.92%				
42) TOLUENE-D8 SS	6.13	98	705163	23.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.56%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	283109	24.88	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.52%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	42700	5.11	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.04	51	64862	4.55	UG/L		99
5) CHLOROMETHANE	1.13	50	54826	5.43	UG/L		97
6) VINYL CHLORIDE	1.18	62	49180	6.45	UG/L		98
7) BROMOMETHANE	1.36	94	14673	3.82	UG/L		85
8) CHLOROETHANE	1.42	64	30664	7.70	UG/L		97
9) FLUORODICHLOROMETHANE	1.53	67	74738	7.04	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.57	101	68395	7.95	UG/L		99
11) DI ETHYL ETHER	1.74	59	54935	10.09	UG/L		100
12) ACROLEIN	1.83	56	55265	101.14	UG/L	#	99
13) ACETONE	1.93	43	273980	108.70	UG/L		100
14) 1,1-DICHLOROETHENE	1.88	61	81576	8.93	UG/L		99
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	37515	8.28	UG/L		96
16) IODOMETHANE	1.99	142	99351	2.19	UG/L		88
17) METHYL ACETATE	2.16	43	128705	8.43	UG/L		99
18) T-BUTYL ALCOHOL	2.33	59	68285	121.49	UG/L	#	86
19) ACRYLONITRILE	2.43	53	34384	9.83	UG/L		96
20) METHYLENE CHLORIDE	2.23	49	106130	9.81	UG/L		99
21) CARBON DISULFIDE	2.04	76	94063	8.32	UG/L		96
22) METHYL TERT-BUTYL ETHER (M	2.45	73	146871	9.03	UG/L		97
23) TRANS 1,2-DICHLOROETHENE	2.44	61	84241	10.02	UG/L		98
24) 1,1-DICHLOROETHANE	2.82	63	101850	9.47	UG/L		97
25) VINYL ACETATE	2.88	43	1583059	101.90	UG/L		96
26) DI ISOPROPYL ETHER	2.91	45	233590	9.16	UG/L		99
27) 2-BUTANONE	3.45	43	504627	103.53	UG/L		99
28) T-BUTYL ETHYL ETHER	3.28	59	190310	7.69	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.41	61	117486	8.84	UG/L		99
30) 2,2-DICHLOROPROPANE	3.40	77	54826	8.34	UG/L		96
31) ETHYL ACETATE	3.52	43	95421	8.02	UG/L		100
32) BROMOCHLOROMETHANE	3.65	128	33564	10.06	UG/L		97
33) TETRAHYDROFURAN	3.71	42	30054	8.92	UG/L		96
34) CHLOROFORM	3.74	83	114363	9.17	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.91	97	84895	9.62	UG/L		98
36) CYCLOHEXANE	3.96	56	100190	7.78	UG/L		96
37) CARBON TETRACHLORIDE	4.07	117	66405	8.60	UG/L		98
38) 1,1-DICHLOROPROPENE	4.08	75	80869	8.90	UG/L		99
39) BENZENE	4.28	78	254242	8.78	UG/L		99

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230061.D
Acq On : 19 Aug 2011 7:08 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 22 12:56:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.43	73	138319	8.73	UG/L	#	84
43) 1,2-DICHLOROETHANE	4.31	62	115230	10.45	UG/L		99
44) TRICHLOROETHENE	4.93	95	65223	9.77	UG/L		96
45) METHYLCYCLOHEXANE	5.11	83	55239	7.49	UG/L		95
46) 1,2-DICHLOROPROPANE	5.15	63	71665	9.61	UG/L		95
47) DIBROMOMETHANE	5.26	93	44780	10.61	UG/L		97
48) 1,4-DIOXANE	5.31	88	8456	168.42	UG/L	#	79
49) BROMODICHLOROMETHANE	5.43	83	67169	9.96	UG/L		99
50) 2-CHLOROETHYLVINYLETHER	5.76	63	1250	0.25	UG/L		99
51) MIBK	6.05	43	1044839	113.85	UG/L		96
52) CIS-1,3-DICHLOROPROPENE	5.87	75	76821	8.15	UG/L		96
53) TOLUENE	6.19	91	273621	9.66	UG/L		99
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	70902	9.37	UG/L		98
55) ETHYL METHACRYLATE	6.55	41	78239	9.57	UG/L		99
56) 1,1,2-TRICHLOROETHANE	6.60	97	66384	10.31	UG/L		97
57) 2-HEXANONE	6.87	43	725584	114.15	UG/L		97
58) TETRACHLOROETHENE	6.72	164	52887	10.68	UG/L		100
59) 1,3-DICHLOROPROPANE	6.76	76	106952	9.51	UG/L		97
60) DIBROMOCHLOROMETHANE	6.97	129	50536	10.77	UG/L		98
61) 1,2-DIBROMOETHANE	7.07	107	67327	10.59	UG/L	#	99
64) CHLOROBENZENE	7.56	112	186664	10.72	UG/L		98
65) 1,1,1,2-TETRACHLOROETHANE	7.65	131	57947	11.01	UG/L		98
66) ETHYLBENZENE	7.68	91	289842	10.22	UG/L		99
67) M/P-XYLENES	7.80	91	468831	21.68	UG/L		99
68) O-XYLENE	8.18	91	244118	10.92	UG/L		98
69) STYRENE	8.20	104	188954	10.89	UG/L		99
70) BROMOFORM	8.37	173	30539	9.38	UG/L		99
71) ISOPROPYLBENZENE	8.55	105	246099	11.87	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.62	53	27168	8.77	UG/L	#	68
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	86230	10.52	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.92	53	26837	9.61	UG/L	#	81
75) BROMOBENZENE	8.82	77	121397	10.01	UG/L		97
76) 1,2,3-TRICHLOROPROPANE	8.88	110	26437	10.62	UG/L		85
77) N-PROPYLBENZENE	8.95	91	295071	9.99	UG/L		100
78) 2-CHLOROTOLUENE	9.02	91	203023	10.32	UG/L		97
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	211183	10.34	UG/L		100
80) 4-CHLOROTOLUENE	9.14	91	243613	10.95	UG/L		99
82) TERT-BUTYLBENZENE	9.45	119	156648	9.03	UG/L		99
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	224414	9.56	UG/L		99
84) SEC-BUTYLBENZENE	9.67	105	205090	8.59	UG/L		100
85) 1,3-DICHLOROBENZENE	9.76	146	146104	9.69	UG/L		99
86) P-ISOPROPYLTOLUENE	9.82	119	179073	8.93	UG/L		98
87) 1,4-DICHLOROBENZENE	9.85	146	154671	9.68	UG/L		98
88) N-BUTYLBENZENE	10.22	91	152428	8.28	UG/L		100
89) 1,2-DICHLOROBENZENE	10.21	146	148075	9.90	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	11067	11.52	UG/L		90
91) 1,3,5-TRICHLOROBENZENE	11.19	180	77340	8.57	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.80	180	71363	8.71	UG/L		98
93) HEXACHLOROBUTADIENE	11.98	225	34273	9.88	UG/L		99
94) NAPHTHALENE	12.04	128	158691	9.31	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	62641	9.50	UG/L		98

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230061.D
Acq On : 19 Aug 2011 7:08 pm
Operator : LBD/MFF
Sample : B0-BS1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Aug 22 12:56:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230061.D
Acq On : 19 Aug 2011 7:08 pm
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QLast Update : Thu Aug 18 13:31:50 2011
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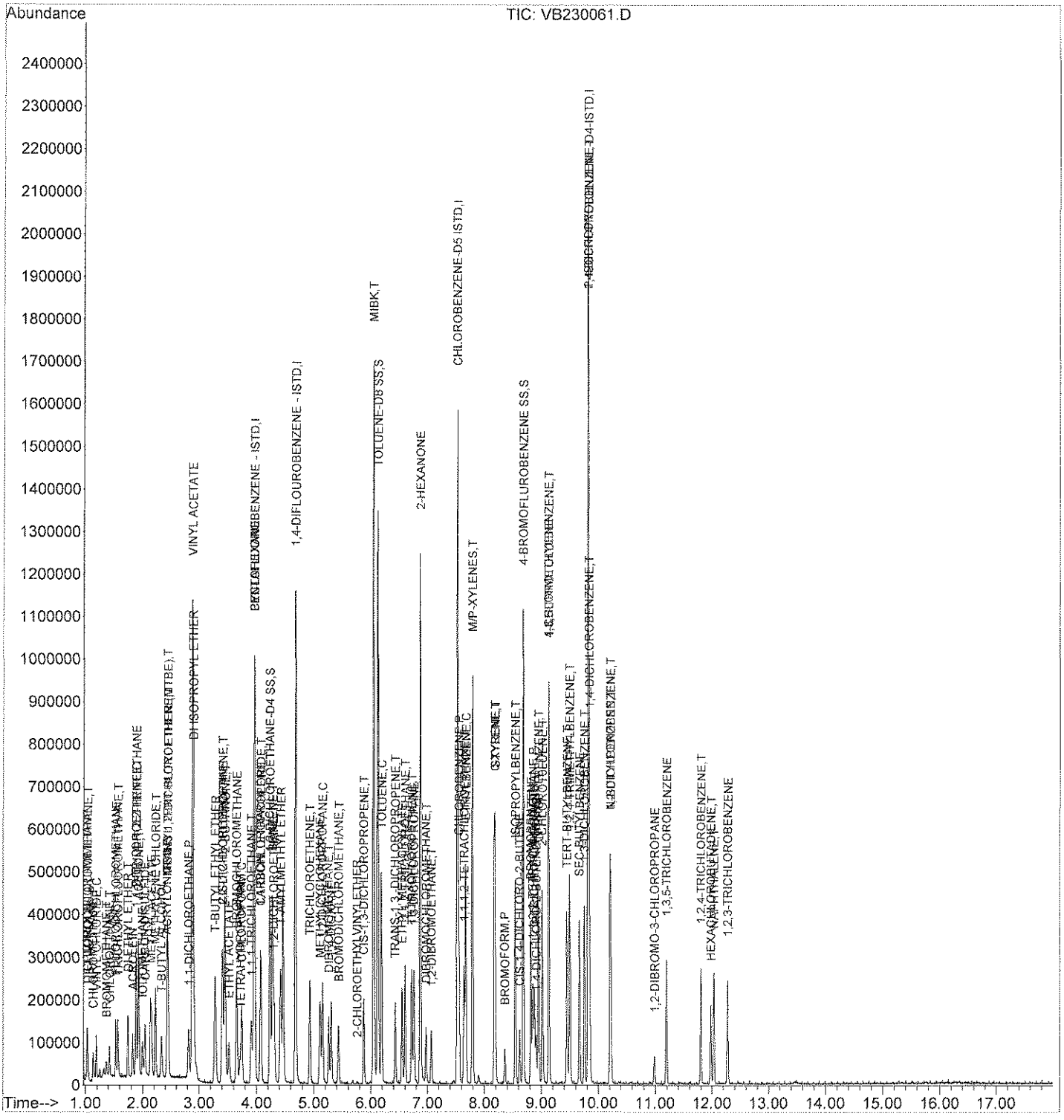


39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0581
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035804-BSD1	File ID:	VB230062.D
Sampled:		Prepared:	08/19/11 09:18	Analyzed:	08/19/11 19:40
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035804	Sequence:	S001082	Calibration:	1100023
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
109-99-9	Tetrahydrofuran	9.00	1.0	10	

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230062.D
Acq On : 19 Aug 2011 7:40 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 62 Sample Multiplier: 1

AUG 22 2011
CHECKED BY:
MARK FLAHIVE

Quant Time: Aug 22 12:57:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.97	168	529507	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ISTD	4.68	114	790389	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.53	82	377035	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4-IST	9.82	152	385088	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.23	65	267871	22.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.36%				
42) TOLUENE-D8 SS	6.13	98	707486	23.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.72%				
63) 4-BROMOFLUROBENZENE SS	8.69	95	286139	24.81	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.24%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.03	85	42088	4.95	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.04	51	62357	4.30	UG/L		96
5) CHLOROMETHANE	1.13	50	56897	5.54	UG/L		98
6) VINYL CHLORIDE	1.19	62	48687	6.27	UG/L		95
7) BROMOMETHANE	1.37	94	17622	4.50	UG/L		91
8) CHLOROETHANE	1.42	64	29845	7.36	UG/L		96
9) FLUORODICHLOROMETHANE	1.53	67	79469	7.36	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.57	101	68367	7.81	UG/L		98
11) DI ETHYL ETHER	1.74	59	54937	9.92	UG/L		97
12) ACROLEIN	1.83	56	52281	94.04	UG/L	#	96
13) ACETONE	1.93	43	277088	108.05	UG/L		99
14) 1,1-DICHLOROETHENE	1.89	61	84767	9.12	UG/L		100
15) 1,1,2-TRICL-1,2,2-TRIFLETH	1.89	101	37720	8.18	UG/L		98
16) IODOMETHANE	1.99	142	79702	Below Cal			97
17) METHYL ACETATE	2.16	43	133788	8.61	UG/L		100
18) T-BUTYL ALCOHOL	2.34	59	70369	123.05	UG/L		91
19) ACRYLONITRILE	2.43	53	34887	9.81	UG/L		95
20) METHYLENE CHLORIDE	2.23	49	113115	10.28	UG/L		97
21) CARBON DISULFIDE	2.04	76	87168	7.58	UG/L		98
22) METHYL TERT-BUTYL ETHER (M	2.45	73	155179	9.38	UG/L		97
23) TRANS 1,2-DICHLOROETHENE	2.44	61	86088	10.06	UG/L		99
24) 1,1-DICHLOROETHANE	2.82	63	101440	9.27	UG/L		97
25) VINYL ACETATE	2.88	43	1606880	101.65	UG/L		96
26) DI ISOPROPYL ETHER	2.91	45	235183	9.07	UG/L		99
27) 2-BUTANONE	3.45	43	504076	101.64	UG/L		99
28) T-BUTYL ETHYL ETHER	3.28	59	187722	7.46	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.41	61	114508	8.47	UG/L		97
30) 2,2-DICHLOROPROPANE	3.41	77	55799	8.35	UG/L		98
31) ETHYL ACETATE	3.52	43	98587	8.14	UG/L		99
32) BROMOCHLOROMETHANE	3.65	128	34039	10.03	UG/L		97
33) TETRAHYDROFURAN	3.71	42	30833	9.00	UG/L		97
34) CHLOROFORM	3.74	83	116461	9.18	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.91	97	85348	9.51	UG/L		96
36) CYCLOHEXANE	3.95	56	100483	7.67	UG/L		93
37) CARBON TETRACHLORIDE	4.07	117	67995	8.66	UG/L		99
38) 1,1-DICHLOROPROPENE	4.08	75	78067	8.44	UG/L		99
39) BENZENE	4.28	78	255267	8.66	UG/L		99

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230062.D
Acq On : 19 Aug 2011 7:40 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Aug 22 12:57:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) T-AMYLMETHYL ETHER	4.43	73	142473	8.84	UG/L	#	84
43) 1,2-DICHLOROETHANE	4.31	62	117360	10.52	UG/L		99
44) TRICHLOROETHENE	4.93	95	65838	9.74	UG/L		96
45) METHYLCYCLOHEXANE	5.10	83	57199	7.66	UG/L		97
46) 1,2-DICHLOROPROPANE	5.15	63	70245	9.31	UG/L		93
47) DIBROMOMETHANE	5.26	93	46162	10.81	UG/L		98
48) 1,4-DIOXANE	5.31	88	8730	171.79	UG/L	#	77
49) BROMODICHLOROMETHANE	5.43	83	69659	10.21	UG/L		100
51) MIBK	6.05	43	1030047	110.89	UG/L		97
52) CIS-1,3-DICHLOROPROPENE	5.87	75	79321	8.31	UG/L		99
53) TOLUENE	6.19	91	281564	9.83	UG/L		98
54) TRANS-1,3,-DICHLOROPROPENE	6.43	75	69251	9.09	UG/L		95
55) ETHYL METHACRYLATE	6.54	41	81169	9.80	UG/L		97
56) 1,1,2-TRICHLOROETHANE	6.60	97	66537	10.21	UG/L		98
57) 2-HEXANONE	6.87	43	729450	113.38	UG/L		97
58) TETRACHLOROETHENE	6.72	164	51391	10.25	UG/L		95
59) 1,3-DICHLOROPROPANE	6.76	76	110278	9.69	UG/L		95
60) DIBROMOCHLOROMETHANE	6.97	129	49319	10.39	UG/L		95
61) 1,2-DIBROMOETHANE	7.07	107	67867	10.54	UG/L		99
64) CHLOROBENZENE	7.55	112	191372	10.85	UG/L		99
65) 1,1,1,2-TETRACHLOROETHANE	7.64	131	57299	10.74	UG/L		99
66) ETHYLBENZENE	7.68	91	297934	10.37	UG/L		99
67) M/P-XYLENES	7.79	91	479860	21.90	UG/L		98
68) O-XYLENE	8.18	91	244187	10.77	UG/L		99
69) STYRENE	8.20	104	192725	10.96	UG/L		100
70) BROMOFORM	8.36	173	31422	9.48	UG/L	#	98
71) ISOPROPYLBENZENE	8.55	105	247982	11.80	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.63	53	27055	8.61	UG/L	#	70
73) 1,1,2,2-TETRACHLOROETHANE	8.86	83	86948	10.46	UG/L		98
74) 1,4-DICHLORO-2-BUTENE(TRAN	8.91	53	25488	9.00	UG/L	#	81
75) BROMOBENZENE	8.82	77	122334	9.96	UG/L		94
76) 1,2,3-TRICHLOROPROPANE	8.88	110	25110	9.95	UG/L		80
77) N-PROPYLBENZENE	8.95	91	294877	9.85	UG/L		98
78) 2-CHLOROTOLUENE	9.02	91	206101	10.34	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.14	105	210560	10.17	UG/L		100
80) 4-CHLOROTOLUENE	9.13	91	246102	10.91	UG/L		100
82) TERT-BUTYLBENZENE	9.45	119	160570	9.30	UG/L		99
83) 1,2,4-TRIMETHYLBENZENE	9.50	105	229103	9.81	UG/L		98
84) SEC-BUTYLBENZENE	9.67	105	212307	8.94	UG/L		100
85) 1,3-DICHLOROBENZENE	9.75	146	152310	10.16	UG/L		99
86) P-ISOPROPYLTOLUENE	9.82	119	181330	9.08	UG/L		97
87) 1,4-DICHLOROBENZENE	9.85	146	155568	9.79	UG/L		97
88) N-BUTYLBENZENE	10.22	91	152411	8.33	UG/L		98
89) 1,2-DICHLOROBENZENE	10.21	146	148980	10.01	UG/L		100
90) 1,2-DIBROMO-3-CHLOROPROPAN	10.98	75	10079	10.55	UG/L		96
91) 1,3,5-TRICHLOROBENZENE	11.19	180	78418	8.74	UG/L		100
92) 1,2,4-TRICHLOROBENZENE	11.80	180	69033	8.47	UG/L		98
93) HEXACHLOROBUTADIENE	11.98	225	34663	10.05	UG/L		99
94) NAPHTHALENE	12.04	128	155968	9.19	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.28	180	60297	9.20	UG/L		97

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230062.D
Acq On : 19 Aug 2011 7:40 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 62 Sample Multiplier: 1

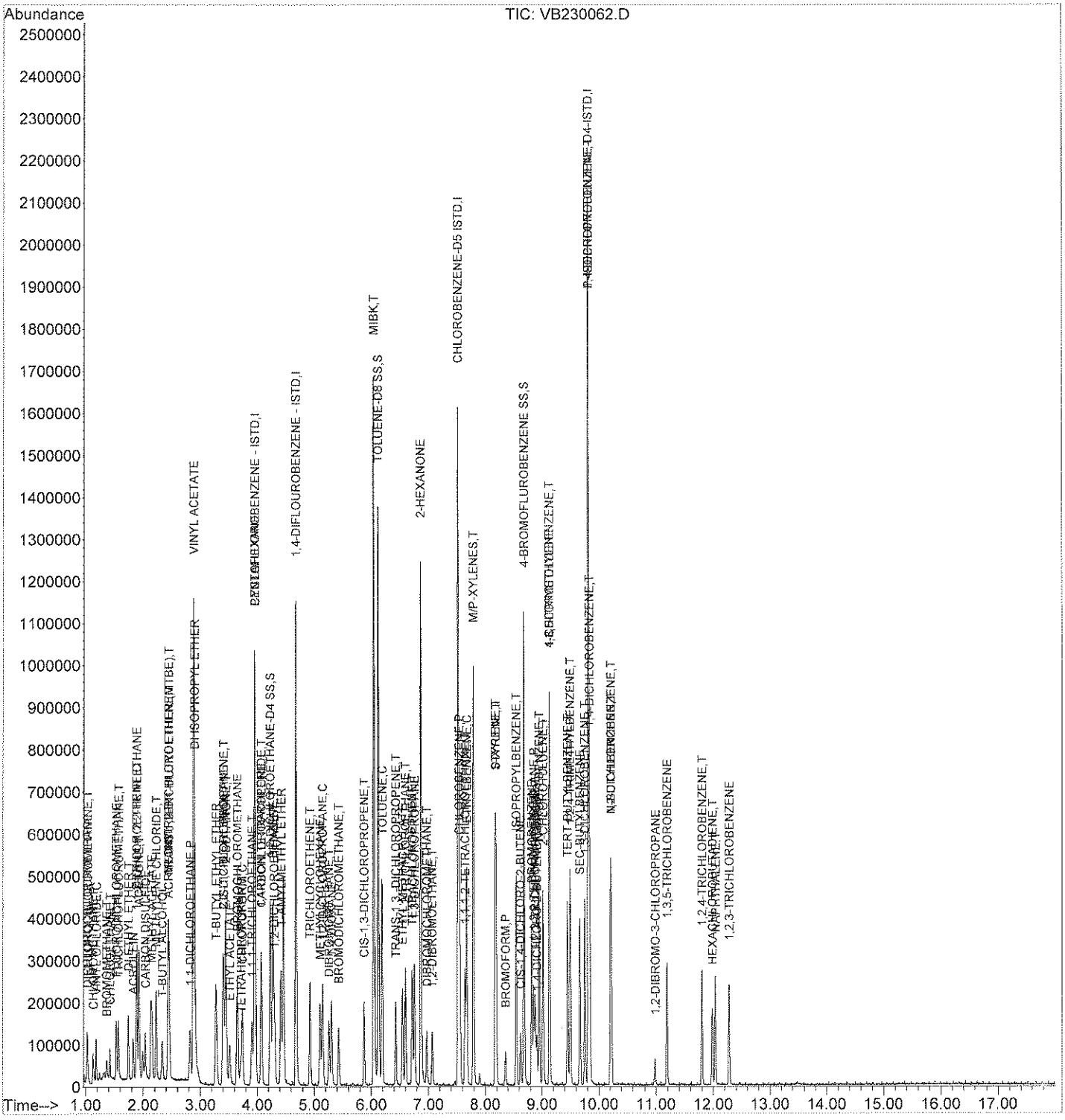
Quant Time: Aug 22 12:57:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : C:\MSDCHEM\1\DATA\081811\
Data File : VB230062.D
Acq On : 19 Aug 2011 7:40 pm
Operator : LBD/MFF
Sample : B0-BSD1
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Aug 22 12:57:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



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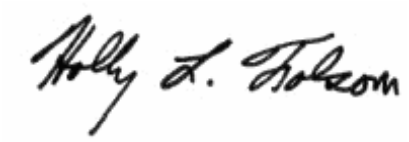
August 23, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.02
Laboratory Work Order Number: 11H0581

Enclosed are results of analyses for samples received by the laboratory on August 16, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

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

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 8/23/2011

PURCHASE ORDER NUMBER: 002699.ID25.02

PROJECT NUMBER: 002699.ID25.02

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0581

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

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-08102011	11H0581-01	Trip Blank Water		SW-846 8260C	
PW15-125	11H0581-02	Ground Water		SW-846 8260C	
PW15-150	11H0581-03	Ground Water		SW-846 8260C	
PW15-175	11H0581-04	Ground Water		SW-846 8260C	
PW15-200	11H0581-05	Ground Water		SW-846 8260C	
PW19-25	11H0581-06	Ground Water		SW-846 8260C	
PW19-50	11H0581-07	Ground Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

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

SW-846 8260C

Qualifications:

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

Analyte & Samples(s) Qualified:

1,4-Dioxane, Isopropylbenzene (Cumene)

B035630-BS1, B035630-BSD1

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

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, Naphthalene

11H0581-01[TB-08102011], 11H0581-02[PW15-125], 11H0581-03[PW15-150], 11H0581-04[PW15-175], 11H0581-05[PW15-200], 11H0581-06[PW19-25], 11H0581-07[PW19-50], B035630-BLK1, B035630-BS1, B035630-BSD1

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

Analyte & Samples(s) Qualified:

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

11H0581-06[PW19-25], 11H0581-07[PW19-50], B035630-BLK1, B035630-BS1, B035630-BSD1

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

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Hexanone (MBK), tert-Butyl Alcohol (TBA)

B035630-BS1, B035630-BSD1

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

Michael A. Erickson
Laboratory Director

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: TB-08102011 | Sampled: 8/10/2011 08:25

Sample ID: 11H0581-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: TB-08102011 | Sampled: 8/10/2011 08:25

Sample ID: 11H0581-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 14:36	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 14:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	95.0	70-130		8/18/11 14:36
Toluene-d8	96.4	70-130		8/18/11 14:36
4-Bromofluorobenzene	99.7	70-130		8/18/11 14:36

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW15-125 | Sampled: 8/10/2011 11:40

Sample ID: 11H0581-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	15000	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Acrylonitrile	ND	1500	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	150	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Benzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Bromobenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Bromochloromethane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Bromodichloromethane	ND	150	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Bromoform	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Bromomethane	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
2-Butanone (MEK)	ND	6000	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
tert-Butyl Alcohol (TBA)	ND	6000	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
n-Butylbenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
sec-Butylbenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
tert-Butylbenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	150	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Carbon Disulfide	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Carbon Tetrachloride	ND	1500	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Chlorobenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Chlorodibromomethane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Chloroethane	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Chloroform	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Chloromethane	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
2-Chlorotoluene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
4-Chlorotoluene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1500	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,2-Dibromoethane (EDB)	ND	150	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Dibromomethane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,2-Dichlorobenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,3-Dichlorobenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,4-Dichlorobenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
trans-1,4-Dichloro-2-butene	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,1-Dichloroethane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,2-Dichloroethane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,1-Dichloroethylene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
cis-1,2-Dichloroethylene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
trans-1,2-Dichloroethylene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,2-Dichloropropane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,3-Dichloropropane	ND	150	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
2,2-Dichloropropane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,1-Dichloropropene	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
cis-1,3-Dichloropropene	ND	150	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
trans-1,3-Dichloropropene	ND	150	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW15-125 | Sampled: 8/10/2011 11:40

Sample ID: 11H0581-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Diisopropyl Ether (DIPE)	ND	150	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,4-Dioxane	ND	15000	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Ethylbenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Hexachlorobutadiene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
2-Hexanone (MBK)	ND	3000	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Isopropylbenzene (Cumene)	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Methylene Chloride	ND	1500	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	3000	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Naphthalene	ND	600	µg/L	300	V-05	SW-846 8260C	8/17/11	8/18/11 21:38	MFF
n-Propylbenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Styrene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,1,1,2-Tetrachloroethane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,1,2,2-Tetrachloroethane	ND	150	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Tetrachloroethylene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Tetrahydrofuran	18000	3000	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Toluene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,2,3-Trichlorobenzene	ND	1500	µg/L	300	V-05	SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,2,4-Trichlorobenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,3,5-Trichlorobenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,1,1-Trichloroethane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,1,2-Trichloroethane	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Trichloroethylene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Trichlorofluoromethane (Freon 11)	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,2,3-Trichloropropane	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,2,4-Trimethylbenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
1,3,5-Trimethylbenzene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
Vinyl Chloride	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
m+p Xylene	ND	600	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF
o-Xylene	ND	300	µg/L	300		SW-846 8260C	8/17/11	8/18/11 21:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.6	70-130		8/18/11 21:38
Toluene-d8	96.0	70-130		8/18/11 21:38
4-Bromofluorobenzene	98.8	70-130		8/18/11 21:38

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW15-150 | Sampled: 8/11/2011 12:10

Sample ID: 11H0581-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	69	50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
2-Butanone (MEK)	260	20	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,1-Dichloroethane	1.3	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW15-150 | Sampled: 8/11/2011 12:10

Sample ID: 11H0581-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Methyl tert-Butyl Ether (MTBE)	20	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 20:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Tetrahydrofuran	95	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Trichloroethylene	12	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.2	70-130		8/18/11 20:33
Toluene-d8	96.5	70-130		8/18/11 20:33
4-Bromofluorobenzene	105	70-130		8/18/11 20:33

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW15-175 | Sampled: 8/11/2011 13:30

Sample ID: 11H0581-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	64	50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
tert-Amyl Methyl Ether (TAME)	0.75	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
2-Butanone (MEK)	250	20	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW15-175 | Sampled: 8/11/2011 13:30

Sample ID: 11H0581-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Methyl tert-Butyl Ether (MTBE)	36	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 21:06	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Tetrahydrofuran	96	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 21:06	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.3	70-130		8/18/11 21:06
Toluene-d8	96.4	70-130		8/18/11 21:06
4-Bromofluorobenzene	104	70-130		8/18/11 21:06

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW15-200 | Sampled: 8/11/2011 15:30

Sample ID: 11H0581-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2500	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Acrylonitrile	ND	250	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	25	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Benzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Bromobenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Bromochloromethane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Bromodichloromethane	ND	25	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Bromoform	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Bromomethane	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
2-Butanone (MEK)	ND	1000	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
tert-Butyl Alcohol (TBA)	ND	1000	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
n-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
sec-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
tert-Butylbenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	25	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Carbon Disulfide	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Carbon Tetrachloride	ND	250	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Chlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Chlorodibromomethane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Chloroethane	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Chloroform	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Chloromethane	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
2-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
4-Chlorotoluene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	250	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,2-Dibromoethane (EDB)	ND	25	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Dibromomethane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,2-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,3-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,4-Dichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
trans-1,4-Dichloro-2-butene	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,1-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,2-Dichloroethane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,1-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
cis-1,2-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
trans-1,2-Dichloroethylene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,3-Dichloropropane	ND	25	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
2,2-Dichloropropane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,1-Dichloropropene	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
cis-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
trans-1,3-Dichloropropene	ND	25	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW15-200 | Sampled: 8/11/2011 15:30

Sample ID: 11H0581-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Diisopropyl Ether (DIPE)	ND	25	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,4-Dioxane	ND	2500	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Ethylbenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Hexachlorobutadiene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
2-Hexanone (MBK)	ND	500	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Isopropylbenzene (Cumene)	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Methylene Chloride	ND	250	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	500	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Naphthalene	ND	100	µg/L	50	V-05	SW-846 8260C	8/17/11	8/18/11 22:11	MFF
n-Propylbenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Styrene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,1,1,2-Tetrachloroethane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,1,2,2-Tetrachloroethane	ND	25	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Tetrachloroethylene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Tetrahydrofuran	9700	5000	µg/L	500		SW-846 8260C	8/19/11	8/19/11 21:49	MFF
Toluene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,2,3-Trichlorobenzene	ND	250	µg/L	50	V-05	SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,2,4-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,3,5-Trichlorobenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,1,1-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,1,2-Trichloroethane	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Trichloroethylene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Trichlorofluoromethane (Freon 11)	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,2,3-Trichloropropane	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,2,4-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
1,3,5-Trimethylbenzene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
Vinyl Chloride	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
m+p Xylene	ND	100	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF
o-Xylene	ND	50	µg/L	50		SW-846 8260C	8/17/11	8/18/11 22:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.9	70-130		8/18/11 22:11
1,2-Dichloroethane-d4	87.3	70-130		8/19/11 21:49
Toluene-d8	95.6	70-130		8/18/11 22:11
Toluene-d8	90.9	70-130		8/19/11 21:49
4-Bromofluorobenzene	99.1	70-130		8/18/11 22:11
4-Bromofluorobenzene	93.9	70-130		8/19/11 21:49

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW19-25 | Sampled: 8/12/2011 15:45

Sample ID: 11H0581-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/17/11	8/18/11 19:28	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW19-25 | Sampled: 8/12/2011 15:45

Sample ID: 11H0581-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 19:28	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 19:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.2	70-130		8/18/11 19:28
Toluene-d8	96.2	70-130		8/18/11 19:28
4-Bromofluorobenzene	104	70-130		8/18/11 19:28

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW19-50 | Sampled: 8/12/2011 16:40

Sample ID: 11H0581-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/17/11	8/18/11 20:01	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Chlorodibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0581

Date Received: 8/16/2011

Field Sample #: PW19-50 | Sampled: 8/12/2011 16:40

Sample ID: 11H0581-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 20:01	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/17/11	8/18/11 20:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.5	70-130		8/18/11 20:01
Toluene-d8	96.1	70-130		8/18/11 20:01
4-Bromofluorobenzene	102	70-130		8/18/11 20:01

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0581-01 [TB-08102011]	B035630	5	5.00	08/17/11
11H0581-02 [PW15-125]	B035630	1.666667E-02	5.00	08/17/11
11H0581-03 [PW15-150]	B035630	5	5.00	08/17/11
11H0581-04 [PW15-175]	B035630	5	5.00	08/17/11
11H0581-05 [PW15-200]	B035630	0.1	5.00	08/17/11
11H0581-06 [PW19-25]	B035630	5	5.00	08/17/11
11H0581-07 [PW19-50]	B035630	5	5.00	08/17/11

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0581-05RE1 [PW15-200]	B035804	0.01	5.00	08/19/11

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035630 - SW-846 5030B										
Blank (B035630-BLK1)				Prepared: 08/17/11 Analyzed: 08/18/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	1.0	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B035630 - SW-846 5030B											
Blank (B035630-BLK1)				Prepared: 08/17/11 Analyzed: 08/18/11							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L							V-05	
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L							V-05	
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/L	25.0		92.4	70-130				
Surrogate: Toluene-d8	*24.0*		µg/L	25.0		96.1	70-130				
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.7	70-130				
LCS (B035630-BS1)				Prepared: 08/17/11 Analyzed: 08/18/11							
Acetone	118	50	µg/L	100		118	70-160				†
Acrylonitrile	11.1	5.0	µg/L	10.0		111	70-130				
tert-Amyl Methyl Ether (TAME)	9.55	0.50	µg/L	10.0		95.5	70-130				
Benzene	9.90	1.0	µg/L	10.0		99.0	70-130				
Bromobenzene	10.9	1.0	µg/L	10.0		109	70-130				
Bromochloromethane	11.3	1.0	µg/L	10.0		113	70-130				
Bromodichloromethane	11.0	0.50	µg/L	10.0		110	70-130				
Bromoform	9.62	1.0	µg/L	10.0		96.2	70-130				
Bromomethane	6.67	2.0	µg/L	10.0		66.7	40-160				†
2-Butanone (MEK)	114	20	µg/L	100		114	40-160				†
tert-Butyl Alcohol (TBA)	128	20	µg/L	100		128	40-160			V-16, V-20	†
n-Butylbenzene	9.55	1.0	µg/L	10.0		95.5	70-130				
sec-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130				
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130				
tert-Butyl Ethyl Ether (TBEE)	8.78	0.50	µg/L	10.0		87.8	70-130				
Carbon Disulfide	11.1	2.0	µg/L	10.0		111	70-130				
Carbon Tetrachloride	9.72	5.0	µg/L	10.0		97.2	70-130				
Chlorobenzene	11.7	1.0	µg/L	10.0		117	70-130				
Chlorodibromomethane	11.1	1.0	µg/L	10.0		111	70-130				
Chloroethane	10.0	2.0	µg/L	10.0		100	70-130				
Chloroform	10.3	2.0	µg/L	10.0		103	70-130				
Chloromethane	7.98	2.0	µg/L	10.0		79.8	40-160				†
2-Chlorotoluene	11.6	1.0	µg/L	10.0		116	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B035630 - SW-846 5030B												
LCS (B035630-BS1)				Prepared: 08/17/11 Analyzed: 08/18/11								
4-Chlorotoluene	12.0	1.0	µg/L	10.0		120		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.1	5.0	µg/L	10.0		101		70-130				
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115		70-130				
Dibromomethane	11.1	1.0	µg/L	10.0		111		70-130				
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.0		109		70-130				
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130				
1,4-Dichlorobenzene	10.4	1.0	µg/L	10.0		104		70-130				
trans-1,4-Dichloro-2-butene	9.55	2.0	µg/L	10.0		95.5		70-130				
Dichlorodifluoromethane (Freon 12)	7.50	2.0	µg/L	10.0		75.0		40-160				†
1,1-Dichloroethane	11.4	1.0	µg/L	10.0		114		70-130				
1,2-Dichloroethane	11.5	1.0	µg/L	10.0		115		70-130				
1,1-Dichloroethylene	11.2	1.0	µg/L	10.0		112		70-130				
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104		70-130				
trans-1,2-Dichloroethylene	11.9	1.0	µg/L	10.0		119		70-130				
1,2-Dichloropropane	10.4	1.0	µg/L	10.0		104		70-130				
1,3-Dichloropropane	10.5	0.50	µg/L	10.0		105		70-130				
2,2-Dichloropropane	11.0	1.0	µg/L	10.0		110		40-130				†
1,1-Dichloropropene	9.85	2.0	µg/L	10.0		98.5		70-130				
cis-1,3-Dichloropropene	9.10	0.50	µg/L	10.0		91.0		70-130				
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101		70-130				
Diethyl Ether	11.6	2.0	µg/L	10.0		116		70-130				
Diisopropyl Ether (DIPE)	11.1	0.50	µg/L	10.0		111		70-130				
1,4-Dioxane	167	50	µg/L	100		**167**	*	40-130			L-02, V-16, V-20	†
Ethylbenzene	11.4	1.0	µg/L	10.0		114		70-130				
Hexachlorobutadiene	11.2	1.0	µg/L	10.0		112		70-130				
2-Hexanone (MBK)	117	10	µg/L	100		117		70-160			V-20	†
Isopropylbenzene (Cumene)	13.4	1.0	µg/L	10.0		**134**	*	70-130			L-02	
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.0		102		70-130				
Methyl tert-Butyl Ether (MTBE)	10.6	1.0	µg/L	10.0		106		70-130				
Methylene Chloride	11.4	5.0	µg/L	10.0		114		70-130				
4-Methyl-2-pentanone (MIBK)	116	10	µg/L	100		116		70-160				†
Naphthalene	9.50	2.0	µg/L	10.0		95.0		40-130			V-05	†
n-Propylbenzene	11.2	1.0	µg/L	10.0		112		70-130				
Styrene	11.8	1.0	µg/L	10.0		118		70-130				
1,1,1,2-Tetrachloroethane	11.9	1.0	µg/L	10.0		119		70-130				
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0		106		70-130				
Tetrachloroethylene	12.1	1.0	µg/L	10.0		121		70-130				
Tetrahydrofuran	9.10	10	µg/L	10.0		91.0		70-130				
Toluene	11.0	1.0	µg/L	10.0		110		70-130				
1,2,3-Trichlorobenzene	8.98	5.0	µg/L	10.0		89.8		70-130			V-05	
1,2,4-Trichlorobenzene	9.33	1.0	µg/L	10.0		93.3		70-130				
1,3,5-Trichlorobenzene	9.87	1.0	µg/L	10.0		98.7		70-130				
1,1,1-Trichloroethane	11.3	1.0	µg/L	10.0		113		70-130				
1,1,2-Trichloroethane	11.0	1.0	µg/L	10.0		110		70-130				
Trichloroethylene	11.5	1.0	µg/L	10.0		115		70-130				
Trichlorofluoromethane (Freon 11)	9.87	2.0	µg/L	10.0		98.7		70-130				
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	1.0	µg/L	10.0		107		70-130				
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0		108		70-130				
1,3,5-Trimethylbenzene	11.6	1.0	µg/L	10.0		116		70-130				
Vinyl Chloride	8.56	2.0	µg/L	10.0		85.6		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B035630 - SW-846 5030B											
LCS (B035630-BS1)				Prepared: 08/17/11 Analyzed: 08/18/11							
m+p Xylene	24.2	2.0	µg/L	20.0		121	70-130				
o-Xylene	12.0	1.0	µg/L	10.0		120	70-130				
Surrogate: 1,2-Dichloroethane-d4	*22.8*		µg/L	25.0		91.0	70-130				
Surrogate: Toluene-d8	*24.0*		µg/L	25.0		96.2	70-130				
Surrogate: 4-Bromofluorobenzene	*26.2*		µg/L	25.0		105	70-130				
LCS Dup (B035630-BSD1)				Prepared: 08/17/11 Analyzed: 08/18/11							
Acetone	120	50	µg/L	100		120	70-160	1.37	25		†
Acrylonitrile	10.8	5.0	µg/L	10.0		108	70-130	2.74	25		
tert-Amyl Methyl Ether (TAME)	10.0	0.50	µg/L	10.0		100	70-130	4.80	25		
Benzene	9.96	1.0	µg/L	10.0		99.6	70-130	0.604	25		
Bromobenzene	11.1	1.0	µg/L	10.0		111	70-130	1.55	25		
Bromochloromethane	11.4	1.0	µg/L	10.0		114	70-130	0.792	25		
Bromodichloromethane	11.0	0.50	µg/L	10.0		110	70-130	0.273	25		
Bromoform	9.68	1.0	µg/L	10.0		96.8	70-130	0.622	25		
Bromomethane	7.01	2.0	µg/L	10.0		70.1	40-160	4.97	25		†
2-Butanone (MEK)	110	20	µg/L	100		110	40-160	3.43	25		†
tert-Butyl Alcohol (TBA)	125	20	µg/L	100		125	40-160	1.86	25	V-16, V-20	†
n-Butylbenzene	9.47	1.0	µg/L	10.0		94.7	70-130	0.841	25		
sec-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130	1.19	25		
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130	0.190	25		
tert-Butyl Ethyl Ether (TBEE)	8.76	0.50	µg/L	10.0		87.6	70-130	0.228	25		
Carbon Disulfide	9.44	2.0	µg/L	10.0		94.4	70-130	15.8	25		
Carbon Tetrachloride	9.86	5.0	µg/L	10.0		98.6	70-130	1.43	25		
Chlorobenzene	11.9	1.0	µg/L	10.0		119	70-130	1.27	25		
Chlorodibromomethane	11.4	1.0	µg/L	10.0		114	70-130	2.40	25		
Chloroethane	9.88	2.0	µg/L	10.0		98.8	70-130	1.51	25		
Chloroform	10.2	2.0	µg/L	10.0		102	70-130	1.17	25		
Chloromethane	7.82	2.0	µg/L	10.0		78.2	40-160	2.03	25		†
2-Chlorotoluene	11.5	1.0	µg/L	10.0		115	70-130	0.260	25		
4-Chlorotoluene	12.0	1.0	µg/L	10.0		120	70-130	0.500	25		
1,2-Dibromo-3-chloropropane (DBCP)	10.1	5.0	µg/L	10.0		101	70-130	0.198	25		
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115	70-130	0.696	25		
Dibromomethane	11.3	1.0	µg/L	10.0		113	70-130	2.14	25		
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	0.554	25		
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	1.12	25		
1,4-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	0.00	25		
trans-1,4-Dichloro-2-butene	9.60	2.0	µg/L	10.0		96.0	70-130	0.522	25		
Dichlorodifluoromethane (Freon 12)	7.36	2.0	µg/L	10.0		73.6	40-160	1.88	25		†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112	70-130	0.974	25		
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116	70-130	1.39	25		
1,1-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	3.47	25		
cis-1,2-Dichloroethylene	9.88	1.0	µg/L	10.0		98.8	70-130	5.42	25		
trans-1,2-Dichloroethylene	11.8	1.0	µg/L	10.0		118	70-130	0.761	25		
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130	4.32	25		
1,3-Dichloropropane	10.4	0.50	µg/L	10.0		104	70-130	1.15	25		
2,2-Dichloropropane	10.3	1.0	µg/L	10.0		103	40-130	6.66	25		†
1,1-Dichloropropene	10.1	2.0	µg/L	10.0		101	70-130	2.70	25		
cis-1,3-Dichloropropene	9.07	0.50	µg/L	10.0		90.7	70-130	0.330	25		
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130	0.297	25		
Diethyl Ether	11.7	2.0	µg/L	10.0		117	70-130	0.343	25		
Diisopropyl Ether (DIPE)	10.7	0.50	µg/L	10.0		107	70-130	3.76	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B035630 - SW-846 5030B												
LCS Dup (B035630-BSD1)				Prepared: 08/17/11 Analyzed: 08/18/11								
1,4-Dioxane	191	50	µg/L	100		**191**	*	40-130	13.6	50	L-02, V-16, V-20	† ‡
Ethylbenzene	11.7	1.0	µg/L	10.0		117		70-130	1.82	25		
Hexachlorobutadiene	11.5	1.0	µg/L	10.0		115		70-130	2.47	25		
2-Hexanone (MBK)	121	10	µg/L	100		121		70-160	2.74	25	V-20	†
Isopropylbenzene (Cumene)	13.3	1.0	µg/L	10.0		**133**	*	70-130	0.374	25	L-02	
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.0		102		70-130	0.294	25		
Methyl tert-Butyl Ether (MTBE)	10.6	1.0	µg/L	10.0		106		70-130	0.00	25		
Methylene Chloride	11.0	5.0	µg/L	10.0		110		70-130	4.29	25		
4-Methyl-2-pentanone (MIBK)	119	10	µg/L	100		119		70-160	2.10	25		†
Naphthalene	10.1	2.0	µg/L	10.0		101		40-130	5.92	25	V-05	†
n-Propylbenzene	11.1	1.0	µg/L	10.0		111		70-130	1.25	25		
Styrene	11.9	1.0	µg/L	10.0		119		70-130	0.506	25		
1,1,1,2-Tetrachloroethane	11.8	1.0	µg/L	10.0		118		70-130	0.928	25		
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.0		109		70-130	3.26	25		
Tetrachloroethylene	12.5	1.0	µg/L	10.0		125		70-130	2.68	25		
Tetrahydrofuran	8.76	10	µg/L	10.0		87.6		70-130	3.81	25		
Toluene	11.0	1.0	µg/L	10.0		110		70-130	0.0907	25		
1,2,3-Trichlorobenzene	9.85	5.0	µg/L	10.0		98.5		70-130	9.24	25	V-05	
1,2,4-Trichlorobenzene	9.89	1.0	µg/L	10.0		98.9		70-130	5.83	25		
1,3,5-Trichlorobenzene	10.0	1.0	µg/L	10.0		100		70-130	1.51	25		
1,1,1-Trichloroethane	11.1	1.0	µg/L	10.0		111		70-130	1.78	25		
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112		70-130	1.08	25		
Trichloroethylene	11.7	1.0	µg/L	10.0		117		70-130	1.64	25		
Trichlorofluoromethane (Freon 11)	9.65	2.0	µg/L	10.0		96.5		70-130	2.25	25		
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109		70-130	5.75	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9	1.0	µg/L	10.0		109		70-130	1.76	25		
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0		108		70-130	0.186	25		
1,3,5-Trimethylbenzene	11.6	1.0	µg/L	10.0		116		70-130	0.517	25		
Vinyl Chloride	8.41	2.0	µg/L	10.0		84.1		40-160	1.77	25		†
m+p Xylene	24.2	2.0	µg/L	20.0		121		70-130	0.0826	25		
o-Xylene	12.0	1.0	µg/L	10.0		120		70-130	0.416	25		
Surrogate: 1,2-Dichloroethane-d4	*22.6*		µg/L	25.0		90.3		70-130				
Surrogate: Toluene-d8	*24.0*		µg/L	25.0		96.0		70-130				
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104		70-130				
Batch B035804 - SW-846 5030B												
Blank (B035804-BLK1)				Prepared & Analyzed: 08/19/11								
Tetrahydrofuran	ND	10	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/L	25.0		93.0		70-130				
Surrogate: Toluene-d8	*23.4*		µg/L	25.0		93.4		70-130				
Surrogate: 4-Bromofluorobenzene	*24.0*		µg/L	25.0		95.9		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035804 - SW-846 5030B										
LCS (B035804-BS1)				Prepared & Analyzed: 08/19/11						
Tetrahydrofuran	8.92	10	µg/L	10.0		89.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	*22.7*		µg/L	25.0		90.9	70-130			
Surrogate: Toluene-d8	*23.4*		µg/L	25.0		93.6	70-130			
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.5	70-130			
LCS Dup (B035804-BSD1)				Prepared & Analyzed: 08/19/11						
Tetrahydrofuran	9.00	10	µg/L	10.0		90.0	70-130	0.893	25	
Surrogate: 1,2-Dichloroethane-d4	*22.6*		µg/L	25.0		90.4	70-130			
Surrogate: Toluene-d8	*23.2*		µg/L	25.0		92.7	70-130			
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.2	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,NC,ME
Acrylonitrile	CT,NY,NC,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,NC,ME
Benzene	CT,NH,NY,NC,ME,RI
Bromobenzene	NC
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME,RI
Bromoform	CT,NH,NY,NC,ME,RI
Bromomethane	CT,NH,NY,NC,ME,RI
2-Butanone (MEK)	CT,NH,NY,NC,ME
tert-Butyl Alcohol (TBA)	NH,NY,NC,ME
n-Butylbenzene	NY,NC,ME
sec-Butylbenzene	NY,NC,ME
tert-Butylbenzene	NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,NC,ME
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME,RI
Chlorobenzene	CT,NH,NY,NC,ME,RI
Chlorodibromomethane	CT,NH,NY,NC,ME,RI
Chloroethane	CT,NH,NY,NC,ME,RI
Chloroform	CT,NH,NY,NC,ME,RI
Chloromethane	CT,NH,NY,NC,ME,RI
2-Chlorotoluene	NY,NC,ME
4-Chlorotoluene	NY,NC,ME
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NY,NC,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,ME,RI
1,1-Dichloroethane	CT,NH,NY,NC,ME,RI
1,2-Dichloroethane	CT,NH,NY,NC,ME,RI
1,1-Dichloroethylene	CT,NH,NY,NC,ME,RI
cis-1,2-Dichloroethylene	NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME,RI
1,2-Dichloropropane	CT,NH,NY,NC,ME,RI
1,3-Dichloropropane	NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NH,NY,NC,ME
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME,RI

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Hexachlorobutadiene	CT,NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	NY,NC,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC,ME
Methylene Chloride	CT,NH,NY,NC,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC,ME
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	CT,NH,NY,NC,ME
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME,RI
Tetrachloroethylene	CT,NH,NY,NC,ME,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME,RI
1,2,3-Trichlorobenzene	NH,NY,NC,ME
1,2,4-Trichlorobenzene	CT,NH,NY,NC,ME
1,3,5-Trichlorobenzene	NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,ME,RI
Trichloroethylene	CT,NH,NY,NC,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME,RI
1,2,3-Trichloropropane	NH,NY,NC,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,NC
1,2,4-Trimethylbenzene	NY,NC,ME
1,3,5-Trimethylbenzene	NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME,RI
m+p Xylene	CT,NH,NY,NC,ME,RI
o-Xylene	CT,NH,NY,NC,ME,RI

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

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

11H0581

Company Name: Ecology & Environment
Address: 368 Pleasant View Dr. Lancaster, NY 14086
Attention: B. Kroon / R. Watt
Project Location: Farmingdale, NY
Sampled By: MHoranburg/~~MCheptonitz~~ L. Roedl

Telephone: 716-684-8060
Project #: 002699.1025.02
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #:
Email: per contract
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection ~~Beginning~~ Date/~~Time~~	Collection ~~Ending~~ ~~Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers: 3	** Preservation: H	***Container Code: V	ANALYSIS REQUESTED: VOCs (8260)	VOCs (8260)	
-01	TB-08102011	8/10/11	0825		X	GW	C	2					
-02	PW15-125	8/10/11	1140		X	GW	L	3					
-03	PW15-150	8/11/11	1210		X	GW	L	3					
-04	PW15-175	8/11/11	1330		X	GW	L		3				* high suspended solids.
-05	PW15-200	8/11/11	1530		X	GW	L		3				
-06	PW19-25	8/12/11	1545		X	GW	L		3				
-07	PW19-50	8/12/11	1640		X	GW	L		3				

MHoranburg 8/15/11

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

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

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

Comments:
8 VOAs preserved w/ HCl.
12 VOAs unpreserved. - please analyze first.

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

Relinquished by: (signature)	Date/Time:
MHoranburg	8/15/11 1000
Received by: (signature)	Date/Time:
	8/16/11
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other per contract
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA
NELAC & AIHA Certified
WBE/DBE Certified

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

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K0407412448

Updated: 08/16/2011 12:38 P.M. Eastern Time

Delivered

Delivered On:
Tuesday, 08/16/2011 at 12:02 P.M.

Left At:
Office

Signed By:
PRIENKOWSKI

Proof of Delivery

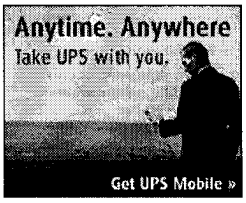
Request Status Updates »

Shipping Information

To:
EAST LONGMEADOW, MA, US

Shipped By

UPS GROUND



Additional Information

Type: Package

Shipment Progress

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East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Ecology & Env RECEIVED BY: CEC DATE: 8/16/11

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

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

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

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

Temperature °C by Temp blank 5.0° Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	20	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

con-test®
ANALYTICAL LABORATORY
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ICP

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1 - FORM I
ANALYSIS DATA SHEET
PW17-25

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-07
Sampled:	08/18/11 08:50		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	U	B035818	08/22/11 10:27	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B035909	08/23/11 23:35	SW-846 6010C
7440-47-3	Chromium		0.0034	0.010	1	J	B035818	08/22/11 10:27	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	J	B035909	08/23/11 23:35	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW17-50

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-08
Sampled:	08/18/11 09:30		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	U	B035818	08/22/11 10:32	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B035909	08/23/11 23:39	SW-846 6010C
7440-47-3	Chromium	0.014	0.0034	0.010	1		B035818	08/22/11 10:32	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B035909	08/23/11 23:39	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW17-75

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-09
Sampled:	08/18/11 11:20		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	U	B035818	08/22/11 10:36	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B035909	08/23/11 23:43	SW-846 6010C
7440-47-3	Chromium	0.049	0.0034	0.010	1		B035818	08/22/11 10:36	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B035909	08/23/11 23:43	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW17-100

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-10
Sampled:	08/18/11 15:50		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0036	0.0080	1	J	B035818	08/22/11 10:40	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B035909	08/23/11 23:47	SW-846 6010C
7440-47-3	Chromium	5.8	0.0068	0.020	1		B035818	08/22/11 10:40	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	J	B035909	08/23/11 23:47	SW-846 6010C

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001025

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001025-ICV1	Cadmium (dissolved)	1.00	1.04	104	mg/L	+/- 10.00%
	Chromium (dissolved)	1.00	0.999	99.9	mg/L	+/- 10.00%
S001025-CCV1	Cadmium (dissolved)	5.00	5.07	101	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.00	100	mg/L	+/- 10.00%
S001025-CCV2	Cadmium (dissolved)	5.00	4.87	97.5	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	4.89	97.9	mg/L	+/- 10.00%
S001025-CCV3	Cadmium (dissolved)	5.00	4.93	98.6	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	4.99	99.9	mg/L	+/- 10.00%
S001025-CCV4	Cadmium (dissolved)	5.00	4.97	99.4	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	4.95	99.1	mg/L	+/- 10.00%
S001025-CCV5	Cadmium (dissolved)	5.00	4.93	98.6	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	4.93	98.6	mg/L	+/- 10.00%
S001025-CCV6	Cadmium (dissolved)	5.00	4.90	98.0	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	4.85	97.0	mg/L	+/- 10.00%
S001025-CCV7	Cadmium (dissolved)	5.00	4.81	96.3	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	4.82	96.4	mg/L	+/- 10.00%

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
		Sequence:	S001029

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001029-ICV1	Cadmium	1.00	1.06	106	mg/L	+/- 10.00%
	Chromium	1.00	1.03	103	mg/L	+/- 10.00%
S001029-CCV1	Cadmium	5.00	4.98	99.5	mg/L	+/- 10.00%
	Chromium	5.00	5.04	101	mg/L	+/- 10.00%
S001029-CCV2	Cadmium	5.00	4.95	98.9	mg/L	+/- 10.00%
	Chromium	5.00	5.19	104	mg/L	+/- 10.00%
S001029-CCV3	Cadmium	5.00	4.88	97.7	mg/L	+/- 10.00%
	Chromium	5.00	5.23	105	mg/L	+/- 10.00%
S001029-CCV4	Cadmium	5.00	4.51	90.2	mg/L	+/- 10.00%
	Chromium	5.00	5.15	103	mg/L	+/- 10.00%
S001029-CCV5	Cadmium	5.00	4.53	90.6	mg/L	+/- 10.00%
	Chromium	5.00	5.20	104	mg/L	+/- 10.00%

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001025		

Lab Sample ID	Analyte	Found	Units	RL	C
S001025-ICB1	Cadmium (dissolved)	3.89E-4	mg/L	0.0040	U
	Chromium (dissolved)	1.78E-4	mg/L	0.010	U
S001025-CCB2	Cadmium (dissolved)	0.00028	mg/L	0.0040	U
	Chromium (dissolved)	0.00022	mg/L	0.010	U
S001025-CCB3	Cadmium (dissolved)	0.00056	mg/L	0.0040	U
	Chromium (dissolved)	0.00040	mg/L	0.010	U
S001025-CCB4	Cadmium (dissolved)	0.00025	mg/L	0.0040	U
	Chromium (dissolved)	6.0E-5	mg/L	0.010	U
B035909-BLK1	Cadmium (dissolved)	-5.2E-5	mg/L	0.0040	U
	Chromium (dissolved)	5.4E-5	mg/L	0.010	U
S001025-CCB5	Cadmium (dissolved)	0.00038	mg/L	0.0040	U
	Chromium (dissolved)	0.00018	mg/L	0.010	U
S001025-CCB6	Cadmium (dissolved)	0.00016	mg/L	0.0040	U
	Chromium (dissolved)	2.2E-5	mg/L	0.010	U
S001025-CCB7	Cadmium (dissolved)	0.00034	mg/L	0.0040	U
	Chromium (dissolved)	3.1E-5	mg/L	0.010	U
S001025-CCB8	Cadmium (dissolved)	0.00053	mg/L	0.0040	U
	Chromium (dissolved)	0.00030	mg/L	0.010	U
S001025-CCB9	Cadmium (dissolved)	0.00045	mg/L	0.0040	U
	Chromium (dissolved)	0.00012	mg/L	0.010	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001029		

Lab Sample ID	Analyte	Found	Units	RL	C
S001029-ICB1	Cadmium	4.52E-4	mg/L	0.0040	U
	Chromium	4.16E-4	mg/L	0.010	U
B035818-BLK1	Cadmium	0.00015	mg/L	0.0040	U
	Chromium	0.00083	mg/L	0.010	U
S001029-CCB2	Cadmium	0.00020	mg/L	0.0040	U
	Chromium	0.00021	mg/L	0.010	U
S001029-CCB3	Cadmium	0.00034	mg/L	0.0040	U
	Chromium	4.2E-5	mg/L	0.010	U
S001029-CCB4	Cadmium	0.00032	mg/L	0.0040	U
	Chromium	0.00037	mg/L	0.010	U
S001029-CCB5	Cadmium	0.00015	mg/L	0.0040	U
	Chromium	-7.2E-5	mg/L	0.010	U

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001025		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001025-IFA1	Cadmium (dissolved)	0.00		0.00		mg/L
	Chromium (dissolved)	0.01		0.00		mg/L
S001025-IFB1	Cadmium (dissolved)	0.00	1.00	1.08	108	mg/L
	Chromium (dissolved)	0.01	0.500	0.51	103	mg/L
S001025-IFA2	Cadmium (dissolved)	0.00		0.00		mg/L
	Chromium (dissolved)	0.01		0.00		mg/L
S001025-IFB2	Cadmium (dissolved)	0.00	1.00	1.05	105	mg/L
	Chromium (dissolved)	0.01	0.500	0.50	101	mg/L
S001025-IFA3	Cadmium (dissolved)	0.00		0.00		mg/L
	Chromium (dissolved)	0.01		0.00		mg/L
S001025-IFB3	Cadmium (dissolved)	0.00	1.00	1.07	107	mg/L
	Chromium (dissolved)	0.01	0.500	0.50	101	mg/L

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

INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001029		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001029-IFA1	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001029-IFA2	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001029-IFB1	Cadmium	0.00	1.00	1.08	108	mg/L
	Chromium	0.01	0.500	0.53	106	mg/L
S001029-IFA3	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001029-IFA4	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001029-IFB2	Cadmium	0.00	1.00	0.95	95.0	mg/L
	Chromium	0.01	0.500	0.51	103	mg/L

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A
Batch:	B035818	Laboratory ID:	B035818-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Cadmium	0.500	0.533	107	80 - 120
Chromium	0.500	0.548	110	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium	0.500	0.538	108	0.965	20	80 - 120
Chromium	0.500	0.555	111	1.21	20	80 - 120

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A Dissolved
Batch:	B035909	Laboratory ID:	B035909-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.509	102	80 - 120
Chromium (dissolved)	0.500	0.508	102	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.508	102	0.248	20	80 - 120
Chromium (dissolved)	0.500	0.506	101	0.317	20	80 - 120

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 11H0747
Client: Ecology & Environment
Matrix: Water
Instrument: ICP1

Analyte	MDL	MRL	Units	Method
Cadmium	0.0018	0.0040	mg/L	SW-846 6010C
Chromium	0.0034	0.010	mg/L	SW-846 6010C

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

METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 11H0747
Client: Ecology & Environment
Matrix: Water
Instrument: ICP2

Analyte	MDL	MRL	Units	Method
Cadmium (dissolved)	0.0018	0.0040	mg/L	SW-846 6010C
Chromium (dissolved)	0.0034	0.010	mg/L	SW-846 6010C

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

PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B035818 Batch Matrix: Water	Preparation:	SW-846 3005A

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
PW17-25	11H0747-07	08/19/11 12:25	50.00	50.00
PW17-50	11H0747-08	08/19/11 12:25	50.00	50.00
PW17-75	11H0747-09	08/19/11 12:25	50.00	50.00
PW17-100	11H0747-10	08/19/11 12:25	25.00	50.00
Blank	B035818-BLK1	08/19/11 12:25	50.00	50.00
LCS	B035818-BS1	08/19/11 12:25	50.00	50.00
LCS Dup	B035818-BSD1	08/19/11 12:25	50.00	50.00

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PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B035909 Batch Matrix: Water	Preparation:	SW-846 3005A Dissolved

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
PW17-25	11H0747-07	08/22/11 12:45	50.00	50.00
PW17-50	11H0747-08	08/22/11 12:45	50.00	50.00
PW17-75	11H0747-09	08/22/11 12:45	50.00	50.00
PW17-100	11H0747-10	08/22/11 12:45	50.00	50.00
Blank	B035909-BLK1	08/22/11 12:45	50.00	50.00
LCS	B035909-BS1	08/22/11 12:45	50.00	50.00
LCS Dup	B035909-BSD1	08/22/11 12:45	50.00	50.00

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

SAMPLE DATA

ANALYSIS SEQUENCE

S001025

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/12/2011 4:14:58PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001025-ICV1	QC		1		1108016	1108075		
S001025-ICB1	QC		2		1108024	1108075		
S001025-LCV1	QC		3		1106009	1108075		
S001025-CCV1	QC		4		1108023	1108075		
S001025-IFA1	QC		5		1108120	1108075		
S001025-IFB1	QC		6		1108121	1108075		
S001025-IFA2	QC		7		1108120	1108075		
S001025-IFB2	QC		8		1108121	1108075		
S001025-CCV2	QC		9		1108023	1108075		
S001025-CCB2	QC		10		1106008	1108075		
S001025-CCV3	QC		11		1108023	1108075		
S001025-CCB3	QC		12		1108024	1108075		
S001025-CCB4	QC		13		1108024	1108075		
B035909-BLK1	QC		14			1108075		
B035909-BS1	QC		15			1108075		
B035909-BSD1	QC		16			1108075		
11H0698-01	Chromium 6010 Dissolved	A	17			1108075		BatchQC
11H0698-01	Cadmium 6010 Dissolved	A	17			1108075		BatchQC
B035909-DUP1	QC		18			1108075		
B035909-MS1	QC		19			1108075		
S001025-CCV4	QC		20		1108023	1108075		
S001025-CCB5	QC		21		1108024	1108075		
S001025-CCB6	QC		22		1108024	1108075		

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001025

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/12/2011 4:14:58PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
11H0747-08	Chromium 6010 Dissolved	B	23			1108075	Ecology & Environment	
11H0747-08	Cadmium 6010 Dissolved	B	23			1108075	Ecology & Environment	
11H0747-09	Chromium 6010 Dissolved	B	24			1108075	Ecology & Environment	
11H0747-09	Cadmium 6010 Dissolved	B	24			1108075	Ecology & Environment	
11H0747-10	Chromium 6010 Dissolved	B	25			1108075	Ecology & Environment	
11H0747-10	Cadmium 6010 Dissolved	B	25			1108075	Ecology & Environment	
S001025-CCV5	QC		26		1108023	1108075		
S001025-CCB7	QC		27		1108024	1108075		
S001025-IFA3	QC		28		1108120	1108075		
S001025-IFB3	QC		29		1108121	1108075		
S001025-CCV6	QC		30		1108023	1108075		
S001025-CCV7	QC		31		1108023	1108075		
S001025-CCB8	QC		32		1108024	1108075		
S001025-CCB9	QC		33		1108024	1108075		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 08/22/11 12:45 | B035909 | **Printed: 8/22/2011 12:46:53PM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A Dissolved

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B035909-BLK1	Blank	50	50		|	
B035909-BS1	LCS	50	50		250 |	
B035909-BSD1	LCS Dup	50	50		250 |	
B035909-DUP1	Duplicate [11H0698-01]	50	50		|	
B035909-MS1	Matrix Spike [11H0698-01]	50	50		250 |	
11H0698-01	MW 5	50	50	08/25/11		
11H0698-02	MW 6	50	50	08/25/11		
11H0698-03	MW 11	50	50	08/25/11		
11H0698-04	MW 12	50	50	08/25/11		
11H0698-05	MW 13	50	50	08/25/11		
11H0747-07	PW17-25	50	50	08/26/11	Ecology & Environment	
11H0747-08	PW17-50	50	50	08/26/11	Ecology & Environment	
11H0747-09	PW17-75	50	50	08/26/11	Ecology & Environment	
11H0747-10	PW17-100	50	50	08/26/11	Ecology & Environment	

As Cd Cr

Standard(s):
1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036

Sr#2 @ 95.2C

Eppen 4035696

Spike witness EMS 8/22/11

6010 Samples were all field filtered

Prepared By 8/22/11 Date

Preparation Reviewed By AMP 8/24/11 Date

OPTIMA 2
08/23/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		8/23/2011	8:17:35 AM	5994458	0			
Calib Blank 1	Cd		mg/L		8/23/2011	8:17:57 AM	228	2			
Calib Blank 1	Cr		mg/L		8/23/2011	8:17:57 AM	67	14			
S1-17	Y		%		8/23/2011	8:20:55 AM	5897555	0			
S1-17	Cd		mg/L		8/23/2011	8:20:55 AM	869559	0			
S1-17	Cr		mg/L		8/23/2011	8:20:55 AM	1152923	0			
ICV/QCS QC26	Y		%		8/23/2011	8:37:11 AM	6068195	0			
ICV/QCS QC26	Cd	1.0351	mg/L	104	8/23/2011	8:37:13 AM	90012	1	1.0384	1.0270	1.0401
ICV/QCS QC26	Cr	0.9990	mg/L	100	8/23/2011	8:37:13 AM	115181	1	0.9971	0.9898	1.0102
CCB BLANK	Y		%		8/23/2011	8:42:53 AM	6048653	1			
CCB BLANK	Cd	0.0004	mg/L		8/23/2011	8:43:15 AM	34	22	0.0004	0.0003	0.0005
CCB BLANK	Cr	0.0002	mg/L		8/23/2011	8:43:15 AM	21	43	0.0002	0.0002	0.0001
6010C LowLvl	Y		%		8/23/2011	8:52:41 AM	6083725	0			
6010C LowLvl	Cd	0.0042	mg/L	104	8/23/2011	8:53:03 AM	362	1	0.0042	0.0042	0.0041
6010C LowLvl	Cr	0.0101	mg/L	101	8/23/2011	8:53:03 AM	1170	1	0.0102	0.0102	0.0101
5S1-17 CCV/IPC	Y		%		8/23/2011	9:05:33 AM	5960079	1			
5S1-17 CCV/IPC	Cd	5.0656	mg/L	101	8/23/2011	9:05:33 AM	440488	1	5.0757	5.0892	5.0320
5S1-17 CCV/IPC	Cr	4.9997	mg/L	100	8/23/2011	9:05:33 AM	576422	0	4.9913	5.0079	4.9998
INTCHKA	Y		%		8/23/2011	9:25:17 AM	5468104	1			
INTCHKA	Cd	0.0022	mg/L		8/23/2011	9:25:40 AM	193	1	0.0022	0.0022	0.0022
INTCHKA	Cr	-0.0017	mg/L		8/23/2011	9:25:40 AM	-193	6	-0.0016	-0.0018	-0.0016
INTCHKAB	Y		%		8/23/2011	9:30:10 AM	5496294	0			
INTCHKAB	Cd	1.0822	mg/L	108	8/23/2011	9:30:12 AM	94100	1	1.0759	1.0878	1.0827
INTCHKAB	Cr	0.5150	mg/L	103	8/23/2011	9:30:12 AM	59370	1	0.5105	0.5180	0.5164
INTCHKA	Y		%		8/23/2011	7:13:03 PM	5447951	1			
INTCHKA	Cd	0.0021	mg/L		8/23/2011	7:13:25 PM	182	10	0.0019	0.0022	0.0022
INTCHKA	Cr	-0.0016	mg/L		8/23/2011	7:13:25 PM	-182	5	-0.0015	-0.0016	-0.0016
INTCHKAB	Y		%		8/23/2011	7:17:57 PM	5408416	0			
INTCHKAB	Cd	1.0520	mg/L	105	8/23/2011	7:17:59 PM	91474	0	1.0493	1.0509	1.0557
INTCHKAB	Cr	0.5047	mg/L	101	8/23/2011	7:17:59 PM	58183	1	0.5024	0.5029	0.5086
5S1-17 CCV/IPC	Y		%		8/23/2011	7:22:56 PM	5977131	0			
5S1-17 CCV/IPC	Cd	4.8730	mg/L	97	8/23/2011	7:22:56 PM	423735	0	4.8706	4.8670	4.8813
5S1-17 CCV/IPC	Cr	4.8950	mg/L	98	8/23/2011	7:22:56 PM	564352	0	4.8848	4.8881	4.9120
CCB BLANK	Y		%		8/23/2011	7:34:24 PM	6073241	0			
CCB BLANK	Cd	0.0003	mg/L		8/23/2011	7:34:46 PM	24	31	0.0003	0.0003	0.0002
CCB BLANK	Cr	0.0002	mg/L		8/23/2011	7:34:46 PM	26	36	0.0003	0.0001	0.0002
5S1-17 CCV/IPC	Y		%		8/23/2011	9:38:19 PM	5975799	1			
5S1-17 CCV/IPC	Cd	4.9319	mg/L	99	8/23/2011	9:38:19 PM	428856	0	4.9269	4.9320	4.9368
5S1-17 CCV/IPC	Cr	4.9948	mg/L	100	8/23/2011	9:38:19 PM	575868	0	4.9881	4.9931	5.0033
CCB BLANK	Y		%		8/23/2011	9:49:47 PM	6045556	1			
CCB BLANK	Cd	0.0006	mg/L		8/23/2011	9:50:09 PM	49	9	0.0005	0.0006	0.0005
CCB BLANK	Cr	0.0004	mg/L		8/23/2011	9:50:09 PM	47	10	0.0004	0.0004	0.0004
CCB BLANK	Y		%		8/23/2011	9:54:29 PM	6022776	1			
CCB BLANK	Cd	0.0002	mg/L		8/23/2011	9:54:52 PM	21	42	0.0002	0.0004	0.0002
CCB BLANK	Cr	0.0001	mg/L		8/23/2011	9:54:52 PM	7	121	0.0001	0.0001	0.0000
B035909-BLK1	Y		%		8/23/2011	10:18:38 PM	6181914	0			
B035909-BLK1	Cd	-0.0001	mg/L		8/23/2011	10:19:00 PM	-5	182	-0.0001	-0.0001	0.0001
B035909-BLK1	Cr	0.0001	mg/L		8/23/2011	10:19:00 PM	6	4	0.0001	0.0001	0.0001
B035909-BS1	Y		%		8/23/2011	10:23:23 PM	6163494	0			
B035909-BS1	Cd	0.5090	mg/L		8/23/2011	10:23:25 PM	44264	0	0.5091	0.5077	0.5103
B035909-BS1	Cr	0.5081	mg/L		8/23/2011	10:23:25 PM	58577	1	0.5093	0.5049	0.5100
B035909-BSD1	Y		%		8/23/2011	10:29:09 PM	6159783	1			
B035909-BSD1	Cd	0.5078	mg/L		8/23/2011	10:29:11 PM	44154	1	0.5083	0.5025	0.5125
B035909-BSD1	Cr	0.5065	mg/L		8/23/2011	10:29:11 PM	58391	1	0.5090	0.5005	0.5099
11H0698-01	Y		%		8/23/2011	10:34:05 PM	5710109	1			
11H0698-01	Cd	0.0010	mg/L		8/23/2011	10:34:28 PM	91	8	0.0011	0.0011	0.0009
11H0698-01	Cr	0.0006	mg/L		8/23/2011	10:34:28 PM	73	14	0.0007	0.0006	0.0006
B035909-DUP1	Y		%		8/23/2011	10:39:10 PM	5724262	0			
B035909-DUP1	Cd	0.0008	mg/L		8/23/2011	10:39:32 PM	67	20	0.0006	0.0009	0.0008
B035909-DUP1	Cr	0.0005	mg/L		8/23/2011	10:39:32 PM	56	29	0.0005	0.0006	0.0003
B035909-MS1	Y		%		8/23/2011	10:44:05 PM	5763378	0			
B035909-MS1	Cd	0.5272	mg/L		8/23/2011	10:44:07 PM	45845	1	0.5250	0.5253	0.5315
B035909-MS1	Cr	0.5110	mg/L		8/23/2011	10:44:07 PM	58918	1	0.5092	0.5083	0.5156
5S1-17 CCV/IPC	Y		%		8/23/2011	10:54:00 PM	6122076	1			
5S1-17 CCV/IPC	Cd	4.9688	mg/L	99	8/23/2011	10:54:00 PM	432065	0	4.9484	4.9811	4.9768
5S1-17 CCV/IPC	Cr	4.9535	mg/L	99	8/23/2011	10:54:00 PM	571096	0	4.9367	4.9603	4.9635
CCB BLANK	Y		%		8/23/2011	11:05:27 PM	6262143	1			
CCB BLANK	Cd	0.0004	mg/L		8/23/2011	11:05:49 PM	33	6	0.0004	0.0004	0.0004
CCB BLANK	Cr	0.0002	mg/L		8/23/2011	11:05:49 PM	21	54	0.0002	0.0001	0.0003
CCB BLANK	Y		%		8/23/2011	11:10:09 PM	6230298	0			
CCB BLANK	Cd	0.0002	mg/L		8/23/2011	11:10:31 PM	14	38	0.0002	0.0002	0.0001
CCB BLANK	Cr	0.0000	mg/L		8/23/2011	11:10:31 PM	3	299	0.0000	0.0001	0.0000
11H0698-02	Y		%		8/23/2011	11:18:47 PM	5959770	0			

OPTIMA 2
08/23/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
11H0698-02	Cd	0.0004	mg/L		8/23/2011	11:19:10 PM	38	21	0.0005	0.0004	0.0003
11H0698-02	Cr	0.0008	mg/L		8/23/2011	11:19:10 PM	92	20	0.0009	0.0009	0.0006
11H0698-03	Y		%		8/23/2011	11:22:49 PM	5683096	0			
11H0698-03	Cd	0.0009	mg/L		8/23/2011	11:23:12 PM	77	11	0.0008	0.0010	0.0009
11H0698-03	Cr	0.0002	mg/L		8/23/2011	11:23:12 PM	20	32	0.0002	0.0001	0.0001
11H0698-04	Y		%		8/23/2011	11:28:44 PM	5879397	1			
11H0698-04	Cd	0.0005	mg/L		8/23/2011	11:29:06 PM	47	2	0.0005	0.0005	0.0005
11H0698-04	Cr	0.0001	mg/L		8/23/2011	11:29:06 PM	17	19	0.0002	0.0001	0.0002
11H0698-05	Y		%		8/23/2011	11:32:46 PM	5675628	1			
11H0698-05	Cd	0.0008	mg/L		8/23/2011	11:33:09 PM	68	18	0.0009	0.0006	0.0008
11H0698-05	Cr	0.0000	mg/L		8/23/2011	11:33:09 PM	-2	266	0.0000	0.0000	0.0000
11H0747-01	Y		%		8/23/2011	11:37:40 PM	5971538	1			
11H0747-01	Cd	0.0011	mg/L		8/23/2011	11:38:02 PM	93	6	0.0011	0.0010	0.0011
11H0747-01	Cr	0.0036	mg/L		8/23/2011	11:38:02 PM	417	3	0.0035	0.0036	0.0037
11H0747-08	Y		%		8/23/2011	11:41:33 PM	5970237	1			
11H0747-08	Cd	0.0005	mg/L		8/23/2011	11:41:55 PM	43	19	0.0005	0.0004	0.0006
11H0747-08	Cr	0.0010	mg/L		8/23/2011	11:41:55 PM	114	4	0.0009	0.0010	0.0010
11H0747-09	Y		%		8/23/2011	11:45:26 PM	6035994	1			
11H0747-09	Cd	0.0003	mg/L		8/23/2011	11:45:48 PM	29	19	0.0004	0.0003	0.0003
11H0747-09	Cr	0.0007	mg/L		8/23/2011	11:45:48 PM	78	16	0.0006	0.0008	0.0006
11H0747-10	Y		%		8/23/2011	11:49:18 PM	6082391	0			
11H0747-10	Cd	0.0003	mg/L		8/23/2011	11:49:41 PM	22	22	0.0003	0.0002	0.0002
11H0747-10	Cr	0.0052	mg/L		8/23/2011	11:49:41 PM	599	2	0.0051	0.0053	0.0052
5S1-17 CCV/IPC	Y		%		8/23/2011	11:53:17 PM	6077705	0			
5S1-17 CCV/IPC	Cd	4.9301	mg/L	99	8/23/2011	11:53:17 PM	428704	0	4.9067	4.9499	4.9338
5S1-17 CCV/IPC	Cr	4.9283	mg/L	99	8/23/2011	11:53:17 PM	568190	0	4.9060	4.9470	4.9317
CCB BLANK	Y		%		8/24/2011	12:04:46 AM	6214406	0			
CCB BLANK	Cd	0.0003	mg/L		8/24/2011	12:05:08 AM	30	16	0.0004	0.0003	0.0003
CCB BLANK	Cr	0.0000	mg/L		8/24/2011	12:05:08 AM	4	225	0.0000	0.0001	0.0000
INTCHKA	Y		%		8/24/2011	12:13:22 AM	5640603	0			
INTCHKA	Cd	0.0021	mg/L		8/24/2011	12:13:45 AM	186	3	0.0022	0.0021	0.0021
INTCHKA	Cr	-0.0018	mg/L		8/24/2011	12:13:45 AM	-203	4	-0.0018	-0.0017	-0.0018
INTCHKAB	Y		%		8/24/2011	12:18:15 AM	5529808	0			
INTCHKAB	Cd	1.0677	mg/L	107	8/24/2011	12:18:17 AM	92844	1	1.0732	1.0698	1.0601
INTCHKAB	Cr	0.5046	mg/L	101	8/24/2011	12:18:17 AM	58171	0	0.5037	0.5038	0.5061
5S1-17 CCV/IPC	Y		%		8/24/2011	12:23:12 AM	6137673	0			
5S1-17 CCV/IPC	Cd	4.9021	mg/L	98	8/24/2011	12:23:12 AM	426269	1	4.9168	4.9327	4.8568
5S1-17 CCV/IPC	Cr	4.8495	mg/L	97	8/24/2011	12:23:12 AM	559113	0	4.8348	4.8589	4.8549
5S1-17 CCV/IPC	Y		%		8/24/2011	12:26:45 AM	6201422	0			
5S1-17 CCV/IPC	Cd	4.8127	mg/L	96	8/24/2011	12:26:45 AM	418496	0	4.7942	4.8214	4.8226
5S1-17 CCV/IPC	Cr	4.8218	mg/L	96	8/24/2011	12:26:45 AM	555916	0	4.8233	4.8183	4.8238
CCB BLANK	Y		%		8/24/2011	12:38:13 AM	6192464	0			
CCB BLANK	Cd	0.0005	mg/L		8/24/2011	12:38:35 AM	46	19	0.0006	0.0004	0.0005
CCB BLANK	Cr	0.0003	mg/L		8/24/2011	12:38:35 AM	34	20	0.0003	0.0004	0.0003
CCB BLANK	Y		%		8/24/2011	12:41:39 AM	6179648	1			
CCB BLANK	Cd	0.0004	mg/L		8/24/2011	12:42:02 AM	39	11	0.0005	0.0005	0.0004
CCB BLANK	Cr	0.0001	mg/L		8/24/2011	12:42:02 AM	14	84	0.0002	0.0000	0.0001

ANALYSIS SEQUENCE

S001029

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/13/2011 12:13:37PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001029-ICV1	QC		1		1108016	1108075		
S001029-ICB1	QC		2		1108024	1108075		
S001029-LCV1	QC		3		1106009	1108075		
S001029-CCV1	QC		4		1108023	1108075		
S001029-IFA1	QC		5		1108055	1108075		
S001029-IFA2	QC		6		1108055	1108075		
S001029-IFB1	QC		7		1107140	1108075		
B035818-BLK1	QC		8			1108075		
B035818-BS1	QC		9			1108075		
B035818-BSD1	QC		10			1108075		
11H0717-01	Cadmium 6010 Total	C	11			1108075		BatchQC
11H0717-01	Chromium 6010 Total	C	12			1108075		
B035818-DUP1	QC		13			1108075		
B035818-MS1	QC		14			1108075		
S001029-CCV2	QC		15		1108023	1108075		
S001029-CCB2	QC		16		1108024	1108075		
11H0747-07	Cadmium 6010 Total	A	17			1108075	Ecology & Environment	
11H0747-07	Chromium 6010 Total	A	18			1108075	Ecology & Environment	
11H0747-08	Cadmium 6010 Total	A	19			1108075	Ecology & Environment	
11H0747-08	Chromium 6010 Total	A	20			1108075	Ecology & Environment	
11H0747-09	Cadmium 6010 Total	A	21			1108075	Ecology & Environment	
11H0747-09	Chromium 6010 Total	A	22			1108075	Ecology & Environment	
11H0747-10	Cadmium 6010 Total	A	23			1108075	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001029

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/13/2011 12:13:37PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
11H0747-10	Chromium 6010 Total	A	24			1108075	Ecology & Environment	
S001029-CCV3	QC		25		1108023	1108075		
S001029-CCB3	QC		26		1108024	1108075		
S001029-IFA3	QC		27		1108055	1108075		
S001029-IFA4	QC		28		1108055	1108075		
S001029-IFB2	QC		29		1107140	1108075		
S001029-CCV4	QC		30		1108023	1108075		
S001029-CCV5	QC		31		1108023	1108075		
S001029-CCB4	QC		32		1108024	1108075		
S001029-CCB5	QC		33		1108024	1108075		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 08/19/11 12:25 | B035818 | **Printed: 8/19/2011 1:26:27PM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B035818-BLK1	Blank	50	50		|	
B035818-BS1	LCS	50	50		250 |	
B035818-BSD1	LCS Dup	50	50		250 |	
B035818-DUP1	Duplicate [11H0717-01]	50	50		|	
B035818-MS1	Matrix Spike [11H0717-01]	50	50		250 |	
11H0717-01	Weekly Sample	50	50	08/22/11		
11H0722-01	081711-EF	50	50	08/23/11		
11H0741-01	Influent	50	50	08/25/11		
11H0741-02	Effluent	50	50	08/25/11		
11H0747-07	PW17-25	50	50	08/26/11	Ecology & Environment	
11H0747-08	PW17-50	50	50	08/26/11	Ecology & Environment	
11H0747-09	PW17-75	50	50	08/26/11	Ecology & Environment	
11H0747-10	PW17-100 AMP 8/22/11	~~50~~ 25	50	08/26/11	Ecology & Environment	2X dilution EMS 8/19/11

As Ba Cd Cr Cu Fe Ni Pb Se Zn

Standard(s):
1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036

Sr. 2 @ 94.9C by EMS 8/19/11

Eppen #3783214

Spike witness _____ 8-19-11

EMS 8/19/11
Prepared By Date

AMP 8/22/11
Preparation Reviewed By Date

OPTIMA 1
08/22/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		8/22/2011	7:43:16 AM	3170440	2			
Calib Blank 1	Cd		mg/L		8/22/2011	7:43:39 AM	76	4			
Calib Blank 1	Cr		mg/L		8/22/2011	7:43:19 AM	-17	147			
S1-17	Y		%		8/22/2011	7:46:47 AM	3086860	1			
S1-17	Cd		mg/L		8/22/2011	7:46:47 AM	394386	1			
S1-17	Cr		mg/L		8/22/2011	7:46:49 AM	247669	1			
SEQ-ICV	Y		%		8/22/2011	8:02:01 AM	3111883	2			
SEQ-ICV	Cd	1.0556	mg/L	106	8/22/2011	8:02:03 AM	41632	1	1.0530	1.0675	1.0464
SEQ-ICV	Cr	1.0293	mg/L	103	8/22/2011	8:02:03 AM	25492	1	1.0268	1.0404	1.0207
SEQ-ICB/CCB	Y		%		8/22/2011	8:07:23 AM	3119366	1			
SEQ-ICB/CCB	Cd	0.0005	mg/L		8/22/2011	8:07:46 AM	18	5	0.0005	0.0005	0.0004
SEQ-ICB/CCB	Cr	0.0004	mg/L		8/22/2011	8:07:46 AM	10	46	0.0005	0.0002	0.0005
6010C Low Level	Y		%		8/22/2011	8:17:52 AM	3180336	1			
6010C Low Level	Cd	0.0041	mg/L	103	8/22/2011	8:18:15 AM	162	2	0.0042	0.0041	0.0041
6010C Low Level	Cr	0.0096	mg/L	96	8/22/2011	8:17:55 AM	238	8	0.0088	0.0096	0.0104
SEQ-CCV 17	Y		%		8/22/2011	8:27:21 AM	3227828	0			
SEQ-CCV 17	Cd	4.9751	mg/L	100	8/22/2011	8:27:21 AM	196210	0	4.9644	4.9819	4.9789
SEQ-CCV 17	Cr	5.0401	mg/L	101	8/22/2011	8:27:21 AM	124828	0	5.0398	5.0317	5.0487
SEQ-IFA	Y		%		8/22/2011	8:48:36 AM	5369056	2			
SEQ-IFA	Cd	-0.0007	mg/L		8/22/2011	8:48:59 AM	-29	12	-0.0006	-0.0008	-0.0008
SEQ-IFA	Cr	0.0006	mg/L		8/22/2011	8:48:59 AM	15	5	0.0006	0.0006	0.0006
SEQ-IFA	Y		%		8/22/2011	8:54:35 AM	2840993	0			
SEQ-IFA	Cd	0.0031	mg/L		8/22/2011	8:54:57 AM	121	13	0.0033	0.0033	0.0026
SEQ-IFA	Cr	-0.0030	mg/L		8/22/2011	8:54:57 AM	-75	17	-0.0025	-0.0035	-0.0032
SEQ-IFB	Y		%		8/22/2011	8:59:06 AM	2776739	0			
SEQ-IFB	Cd	1.0830	mg/L	108	8/22/2011	8:59:08 AM	42712	2	1.0606	1.1113	1.0771
SEQ-IFB	Cr	0.5301	mg/L	106	8/22/2011	8:59:08 AM	13130	2	0.5212	0.5451	0.5241
B035818-BLK1	Y		%		8/22/2011	9:12:31 AM	3169084	2			
B035818-BLK1	Cd	0.0002	mg/L		8/22/2011	9:12:53 AM	6	68	0.0001	0.0001	0.0003
B035818-BLK1	Cr	0.0008	mg/L		8/22/2011	9:12:33 AM	20	68	0.0011	0.0012	0.0002
B035818-BS1	Y		%		8/22/2011	9:16:54 AM	3170917	2			
B035818-BS1	Cd	0.5326	mg/L		8/22/2011	9:16:56 AM	21004	2	0.5340	0.5431	0.5206
B035818-BS1	Cr	0.5480	mg/L		8/22/2011	9:16:56 AM	13573	2	0.5477	0.5596	0.5368
B035818-BSD1	Y		%		8/22/2011	9:22:17 AM	3199918	2			
B035818-BSD1	Cd	0.5377	mg/L		8/22/2011	9:22:19 AM	21208	3	0.5252	0.5529	0.5351
B035818-BSD1	Cr	0.5547	mg/L		8/22/2011	9:22:19 AM	13739	2	0.5443	0.5683	0.5516
11H0717-01	Y		%		8/22/2011	9:27:48 AM	3025138	0			
11H0717-01	Cd	0.0014	mg/L		8/22/2011	9:28:10 AM	53	12	0.0015	0.0014	0.0012
11H0717-01	Cr	0.0005	mg/L		8/22/2011	9:28:10 AM	12	31	0.0004	0.0004	0.0007
B035818-DUP1	Y		%		8/22/2011	9:32:18 AM	3102454	1			
B035818-DUP1	Cd	0.0012	mg/L		8/22/2011	9:32:40 AM	46	13	0.0013	0.0010	0.0011
B035818-DUP1	Cr	0.0002	mg/L		8/22/2011	9:32:40 AM	5	17	0.0002	0.0001	0.0002
B035818-MS1	Y		%		8/22/2011	9:36:43 AM	3087897	1			
B035818-MS1	Cd	0.5455	mg/L		8/22/2011	9:36:45 AM	21515	2	0.5547	0.5388	0.5431
B035818-MS1	Cr	0.5555	mg/L		8/22/2011	9:36:45 AM	13757	1	0.5625	0.5491	0.5547
717-01 PS	Y		%		8/22/2011	9:42:09 AM	2994032	2			
717-01 PS	Cd	2.1061	mg/L		8/22/2011	9:42:11 AM	83062	1	2.1185	2.1155	2.0844
717-01 PS	Cr	2.1241	mg/L		8/22/2011	9:42:11 AM	52607	1	2.1335	2.1343	2.1045
717-01 5X	Y		%		8/22/2011	9:47:33 AM	3134168	1			
717-01 5X	Cd	0.0007	mg/L		8/22/2011	9:47:55 AM	28	19	0.0009	0.0006	0.0007
717-01 5X	Cr	0.0004	mg/L		8/22/2011	9:47:35 AM	10	105	0.0007	0.0005	-0.0001
11H0722-01	Y		%		8/22/2011	9:52:05 AM	2939747	1			
11H0722-01	Cd	0.0013	mg/L		8/22/2011	9:52:27 AM	51	10	0.0014	0.0012	0.0012
11H0722-01	Cr	0.0004	mg/L		8/22/2011	9:52:27 AM	9	45	0.0002	0.0004	0.0005
11H0741-01	Y		%		8/22/2011	9:57:37 AM	2885000	0			
11H0741-01	Cd	0.0007	mg/L		8/22/2011	9:58:00 AM	29	10	0.0007	0.0006	0.0008
11H0741-01	Cr	0.0004	mg/L		8/22/2011	9:58:00 AM	10	23	0.0005	0.0003	0.0005
SEQ-CCV 17	Y		%		8/22/2011	10:04:53 AM	3168679	2			
SEQ-CCV 17	Cd	4.9454	mg/L	99	8/22/2011	10:04:53 AM	195040	0	4.9434	4.9428	4.9501
SEQ-CCV 17	Cr	5.1947	mg/L	104	8/22/2011	10:04:53 AM	128657	0	5.1916	5.1917	5.2008
SEQ-ICB/CCB	Y		%		8/22/2011	10:20:44 AM	3184955	1			
SEQ-ICB/CCB	Cd	0.0002	mg/L		8/22/2011	10:21:06 AM	8	16	0.0002	0.0002	0.0002
SEQ-ICB/CCB	Cr	0.0002	mg/L		8/22/2011	10:21:06 AM	5	57	0.0001	0.0003	0.0002
11H0741-02	Y		%		8/22/2011	10:25:23 AM	2846529	0			
11H0741-02	Cd	0.0006	mg/L		8/22/2011	10:25:45 AM	25	2	0.0007	0.0006	0.0006
11H0741-02	Cr	-0.0001	mg/L		8/22/2011	10:25:45 AM	-2	53	-0.0001	0.0000	-0.0001
11H0747-07	Y		%		8/22/2011	10:30:49 AM	3155074	0			
11H0747-07	Cd	0.0012	mg/L		8/22/2011	10:31:11 AM	46	19	0.0011	0.0010	0.0014
11H0747-07	Cr	0.0074	mg/L		8/22/2011	10:31:11 AM	184	3	0.0075	0.0075	0.0072
11H0747-08	Y		%		8/22/2011	10:35:13 AM	3190860	1			
11H0747-08	Cd	0.0004	mg/L		8/22/2011	10:35:36 AM	16	27	0.0003	0.0005	0.0005
11H0747-08	Cr	0.0143	mg/L		8/22/2011	10:35:36 AM	353	2	0.0143	0.0139	0.0145
11H0747-09	Y		%		8/22/2011	10:39:38 AM	3107704	1			

OPTIMA 1
08/22/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
11H0747-09	Cd	0.0005	mg/L		8/22/2011	10:40:00 AM	18	29	0.0006	0.0004	0.0004
11H0747-09	Cr	0.0488	mg/L		8/22/2011	10:40:00 AM	1208	1	0.0495	0.0486	0.0483
11H0747-10	Y		%		8/22/2011	10:44:02 AM	3319895	1			
11H0747-10	Cd	0.0035	mg/L		8/22/2011	10:44:24 AM	137	2	0.0035	0.0034	0.0035
11H0747-10	Cr	2.9036	mg/L		8/22/2011	10:44:04 AM	71914	1	2.9204	2.8921	2.8985
SEQ-CCV 17	Y		%		8/22/2011	10:52:56 AM	3113046	2			
SEQ-CCV 17	Cd	4.8849	mg/L	98	8/22/2011	10:52:56 AM	192653	0	4.8742	4.8896	4.8909
SEQ-CCV 17	Cr	5.2265	mg/L	105	8/22/2011	10:52:56 AM	129443	0	5.2103	5.2400	5.2290
SEQ-ICB/CCB	Y		%		8/22/2011	11:03:44 AM	3132229	2			
SEQ-ICB/CCB	Cd	0.0003	mg/L		8/22/2011	11:04:06 AM	13	33	0.0005	0.0003	0.0003
SEQ-ICB/CCB	Cr	0.0000	mg/L		8/22/2011	11:04:06 AM	1	94	0.0000	0.0001	0.0000
SEQ-IFA	Y		%		8/22/2011	7:32:38 PM	4590706	1			
SEQ-IFA	Cd	-0.0007	mg/L		8/22/2011	7:33:00 PM	-28	6	-0.0007	-0.0007	-0.0007
SEQ-IFA	Cr	0.0006	mg/L		8/22/2011	7:33:00 PM	16	8	0.0006	0.0007	0.0006
SEQ-IFA	Y		%		8/22/2011	7:36:02 PM	4909626	3			
SEQ-IFA	Cd	-0.0007	mg/L		8/22/2011	7:36:25 PM	-28	4	-0.0007	-0.0007	-0.0007
SEQ-IFA	Cr	0.0005	mg/L		8/22/2011	7:36:25 PM	13	21	0.0006	0.0004	0.0007
SEQ-IFB	Y		%		8/22/2011	7:39:34 PM	2631611	0			
SEQ-IFB	Cd	0.9503	mg/L	95	8/22/2011	7:39:36 PM	37479	2	0.9334	0.9539	0.9637
SEQ-IFB	Cr	0.5141	mg/L	103	8/22/2011	7:39:36 PM	12732	2	0.5031	0.5158	0.5233
SEQ-CCV 17	Y		%		8/22/2011	7:45:01 PM	2937437	2			
SEQ-CCV 17	Cd	4.5119	mg/L	90	8/22/2011	7:45:01 PM	177941	1	4.4816	4.5176	4.5363
SEQ-CCV 17	Cr	5.1541	mg/L	103	8/22/2011	7:45:01 PM	127652	0	5.1334	5.1558	5.1732
SEQ-CCV 17	Y		%		8/22/2011	7:48:27 PM	3055024	1			
SEQ-CCV 17	Cd	4.5293	mg/L	91	8/22/2011	7:48:27 PM	178628	0	4.5145	4.5452	4.5281
SEQ-CCV 17	Cr	5.2001	mg/L	104	8/22/2011	7:48:27 PM	128790	0	5.1905	5.2054	5.2043
SEQ-CCB	Y		%		8/22/2011	7:59:15 PM	2966529	2			
SEQ-CCB	Cd	0.0003	mg/L		8/22/2011	7:59:38 PM	13	18	0.0004	0.0003	0.0003
SEQ-CCB	Cr	0.0004	mg/L		8/22/2011	7:59:38 PM	9	52	0.0004	0.0002	0.0005
SEQ-CCB	Y		%		8/22/2011	8:02:40 PM	3141227	2			
SEQ-CCB	Cd	0.0001	mg/L		8/22/2011	8:03:02 PM	6	79	0.0001	0.0003	0.0001
SEQ-CCB	Cr	-0.0001	mg/L		8/22/2011	8:03:02 PM	-2	232	-0.0002	-0.0002	0.0001

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

VOLATILES QC SUMMARY

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

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11H0747-01	100	100	101
11H0747-02	101	98.3	102
11H0747-03	102	97.0	100
11H0747-04	98.7	98.9	101
11H0747-05	99.4	97.1	100
11H0747-06	100	98.4	102
11H0747-07	101	97.9	98.8
11H0747-08	100	98.3	100
11H0747-09	98.1	97.0	99.6
11H0747-10	99.2	97.8	99.2
B035906-BLK1	98.2	99.2	99.8
B035906-BS1	98.8	98.2	98.8
B035906-BSD1	99.0	98.4	101

con-test® ANALYTICAL LABORATORY

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035906	Laboratory ID:	B035906-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	127	127	70 - 160
Acrylonitrile	10.0	10.2	102	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.8	108	70 - 130
Benzene	10.0	11.1	111	70 - 130
Bromobenzene	10.0	10.5	105	70 - 130
Bromochloromethane	10.0	10.9	109	70 - 130
Bromodichloromethane	10.0	10.4	104	70 - 130
Bromoform	10.0	10.8	108	70 - 130
Bromomethane	10.0	6.44	64.4	40 - 160
2-Butanone (MEK)	100	113	113	40 - 160
tert-Butyl Alcohol (TBA)	100	99.0	99.0	40 - 160
n-Butylbenzene	10.0	10.1	101	70 - 130
sec-Butylbenzene	10.0	10.5	105	70 - 130
tert-Butylbenzene	10.0	10.5	105	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.15	91.5	70 - 130
Carbon Disulfide	10.0	12.0	120	70 - 130
Carbon Tetrachloride	10.0	9.76	97.6	70 - 130
Chlorobenzene	10.0	10.7	107	70 - 130
Chlorodibromomethane	10.0	10.7	107	70 - 130
Chloroethane	10.0	9.43	94.3	70 - 130
Chloroform	10.0	10.7	107	70 - 130
Chloromethane	10.0	8.36	83.6	40 - 160
2-Chlorotoluene	10.0	10.4	104	70 - 130
4-Chlorotoluene	10.0	10.8	108	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.3	103	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.9	109	70 - 130
Dibromomethane	10.0	11.1	111	70 - 130
1,2-Dichlorobenzene	10.0	10.4	104	70 - 130
1,3-Dichlorobenzene	10.0	10.5	105	70 - 130
1,4-Dichlorobenzene	10.0	10.6	106	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.95	79.5	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035906	Laboratory ID:	B035906-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	10.3	103	40 - 160
1,1-Dichloroethane	10.0	10.8	108	70 - 130
1,2-Dichloroethane	10.0	10.8	108	70 - 130
1,1-Dichloroethylene	10.0	10.3	103	70 - 130
cis-1,2-Dichloroethylene	10.0	10.4	104	70 - 130
trans-1,2-Dichloroethylene	10.0	11.5	115	70 - 130
1,2-Dichloropropane	10.0	10.5	105	70 - 130
1,3-Dichloropropane	10.0	10.9	109	70 - 130
2,2-Dichloropropane	10.0	9.58	95.8	40 - 130
1,1-Dichloropropene	10.0	10.8	108	70 - 130
cis-1,3-Dichloropropene	10.0	10.5	105	70 - 130
trans-1,3-Dichloropropene	10.0	11.4	114	70 - 130
Diethyl Ether	10.0	10.8	108	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.5	105	70 - 130
1,4-Dioxane	100	108	108	40 - 130
Ethylbenzene	10.0	10.6	106	70 - 130
Hexachlorobutadiene	10.0	10.2	102	70 - 130
2-Hexanone (MBK)	100	112	112	70 - 160
Isopropylbenzene (Cumene)	10.0	12.3	123	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.2	112	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.8	108	70 - 130
Methylene Chloride	10.0	9.48	94.8	70 - 130
4-Methyl-2-pentanone (MIBK)	100	113	113	70 - 160
Naphthalene	10.0	10.4	104	40 - 130
n-Propylbenzene	10.0	10.7	107	70 - 130
Styrene	10.0	10.6	106	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.6	106	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.4	114	70 - 130
Tetrachloroethylene	10.0	11.0	110	70 - 130
Tetrahydrofuran	10.0	9.54	95.4	70 - 130
Toluene	10.0	10.8	108	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035906	Laboratory ID:	B035906-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	10.6	106	70 - 130
1,2,4-Trichlorobenzene	10.0	10.8	108	70 - 130
1,3,5-Trichlorobenzene	10.0	9.81	98.1	70 - 130
1,1,1-Trichloroethane	10.0	10.7	107	70 - 130
1,1,2-Trichloroethane	10.0	11.0	110	70 - 130
Trichloroethylene	10.0	10.9	109	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.62	96.2	70 - 130
1,2,3-Trichloropropane	10.0	10.2	102	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.4	104	70 - 130
1,2,4-Trimethylbenzene	10.0	10.3	103	70 - 130
1,3,5-Trimethylbenzene	10.0	10.2	102	70 - 130
Vinyl Chloride	10.0	9.00	90.0	40 - 160
m+p Xylene	20.0	21.5	107	70 - 130
o-Xylene	10.0	10.5	105	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	104	104	20.1	25	70 - 160
Acrylonitrile	10.0	9.28	92.8	9.25	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.2	102	5.33	25	70 - 130
Benzene	10.0	10.1	101	8.88	25	70 - 130
Bromobenzene	10.0	9.94	99.4	5.57	25	70 - 130
Bromochloromethane	10.0	10.4	104	4.62	25	70 - 130
Bromodichloromethane	10.0	9.91	99.1	5.02	25	70 - 130
Bromoform	10.0	10.3	103	4.27	25	70 - 130
Bromomethane	10.0	6.89	68.9	6.75	25	40 - 160
2-Butanone (MEK)	100	100	100	12.3	25	40 - 160
tert-Butyl Alcohol (TBA)	100	81.8	81.8	19.1	25	40 - 160
n-Butylbenzene	10.0	9.42	94.2	7.26	25	70 - 130
sec-Butylbenzene	10.0	9.72	97.2	7.72	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035906	Laboratory ID:	B035906-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
tert-Butylbenzene	10.0	9.64	96.4	8.64	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.60	86.0	6.20	25	70 - 130
Carbon Disulfide	10.0	10.3	103	15.3	25	70 - 130
Carbon Tetrachloride	10.0	8.99	89.9	8.21	25	70 - 130
Chlorobenzene	10.0	9.99	99.9	6.96	25	70 - 130
Chlorodibromomethane	10.0	10.5	105	1.99	25	70 - 130
Chloroethane	10.0	8.55	85.5	9.79	25	70 - 130
Chloroform	10.0	9.96	99.6	7.44	25	70 - 130
Chloromethane	10.0	7.48	74.8	11.1	25	40 - 160
2-Chlorotoluene	10.0	9.75	97.5	6.93	25	70 - 130
4-Chlorotoluene	10.0	9.88	98.8	9.17	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCl	10.0	9.33	93.3	9.69	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.3	103	5.48	25	70 - 130
Dibromomethane	10.0	10.3	103	7.66	25	70 - 130
1,2-Dichlorobenzene	10.0	9.99	99.9	3.64	25	70 - 130
1,3-Dichlorobenzene	10.0	9.76	97.6	7.31	25	70 - 130
1,4-Dichlorobenzene	10.0	9.95	99.5	6.51	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.23	72.3	9.49	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	9.31	93.1	9.81	25	40 - 160
1,1-Dichloroethane	10.0	9.92	99.2	8.40	25	70 - 130
1,2-Dichloroethane	10.0	10.3	103	4.57	25	70 - 130
1,1-Dichloroethylene	10.0	9.29	92.9	10.7	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.46	94.6	8.99	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.7	107	7.47	25	70 - 130
1,2-Dichloropropane	10.0	10.2	102	3.20	25	70 - 130
1,3-Dichloropropane	10.0	10.4	104	5.17	25	70 - 130
2,2-Dichloropropane	10.0	8.53	85.3	11.6	25	40 - 130
1,1-Dichloropropene	10.0	9.78	97.8	10.2	25	70 - 130
cis-1,3-Dichloropropene	10.0	9.93	99.3	5.87	25	70 - 130
trans-1,3-Dichloropropene	10.0	10.9	109	4.30	25	70 - 130
Diethyl Ether	10.0	10.1	101	6.33	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035906	Laboratory ID:	B035906-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Diisopropyl Ether (DIPE)	10.0	9.58	95.8	9.07	25	70 - 130
1,4-Dioxane	100	95.8	95.8	12.0	50	40 - 130
Ethylbenzene	10.0	9.73	97.3	8.84	25	70 - 130
Hexachlorobutadiene	10.0	9.03	90.3	11.9	25	70 - 130
2-Hexanone (MBK)	100	99.2	99.2	12.2	25	70 - 160
Isopropylbenzene (Cumene)	10.0	11.2	112	9.00	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.2	102	9.52	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.1	101	6.79	25	70 - 130
Methylene Chloride	10.0	9.17	91.7	3.32	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	103	103	9.60	25	70 - 160
Naphthalene	10.0	9.33	93.3	11.3	25	40 - 130
n-Propylbenzene	10.0	9.69	96.9	9.63	25	70 - 130
Styrene	10.0	9.95	99.5	6.14	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.0	100	5.44	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.96	99.6	13.5	25	70 - 130
Tetrachloroethylene	10.0	9.61	96.1	13.4	25	70 - 130
Tetrahydrofuran	10.0	8.71	87.1	9.10	25	70 - 130
Toluene	10.0	10.1	101	6.32	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.95	99.5	6.04	25	70 - 130
1,2,4-Trichlorobenzene	10.0	10.2	102	5.81	25	70 - 130
1,3,5-Trichlorobenzene	10.0	9.16	91.6	6.85	25	70 - 130
1,1,1-Trichloroethane	10.0	10.0	100	5.89	25	70 - 130
1,1,2-Trichloroethane	10.0	10.4	104	6.07	25	70 - 130
Trichloroethylene	10.0	9.96	99.6	9.29	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	8.45	84.5	12.9	25	70 - 130
1,2,3-Trichloropropane	10.0	9.28	92.8	9.74	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.25	92.5	11.5	25	70 - 130
1,2,4-Trimethylbenzene	10.0	9.57	95.7	7.73	25	70 - 130
1,3,5-Trimethylbenzene	10.0	9.60	96.0	6.26	25	70 - 130
Vinyl Chloride	10.0	8.27	82.7	8.45	25	40 - 160
m+p Xylene	20.0	19.6	98.0	9.20	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B035906	Laboratory ID:	B035906-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
o-Xylene	10.0	9.77	97.7	7.58	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Blank ID:	B035906-BLK1	Batch:	B035906

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B035906-BSD1	VC234028.D	00:29
LCS	B035906-BS1	VC234027.D	23:58
PW17-100	11H0747-10	VC234046.D	09:30
PW17-75	11H0747-09	VC234045.D	09:00
PW17-50	11H0747-08	VC234044.D	08:30
PW17-25	11H0747-07	VC234043.D	08:00
PW19-175	11H0747-06	VC234048.D	10:31
PW19-150	11H0747-05	VC234042.D	07:30
PW19-125	11H0747-04	VC234047.D	10:00
PW19-100	11H0747-03	VC234041.D	07:00
PW19-75	11H0747-02	VC234040.D	06:30
TB-08152011	11H0747-01	VC234031.D	01:59

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Lab File ID:	VC234025.D	Injection Date:	08/22/11
Instrument ID:	GCMSVOA3	Injection Time:	22:58
Sequence:	S001083	Lab Sample ID:	S001083-TUN1

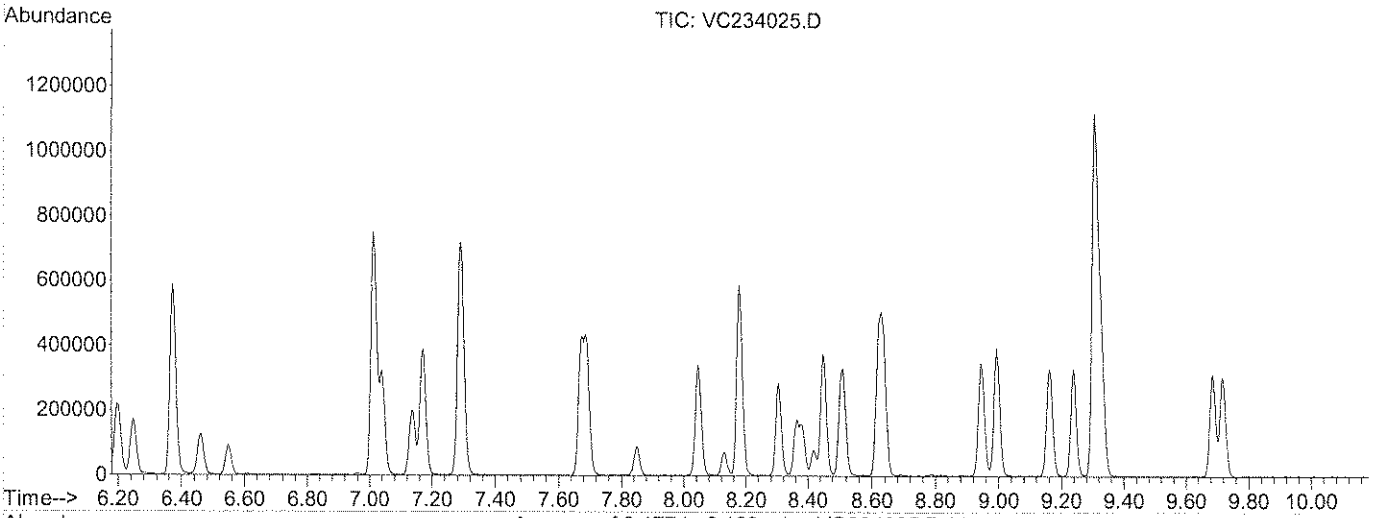
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	17.4	PASS
75	30 - 60% of 95	42.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.83	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	91.5	PASS
175	5 - 9% of 174	8.4	PASS
176	95 - 101% of 174	98.5	PASS
177	5 - 9% of 176	6.26	PASS

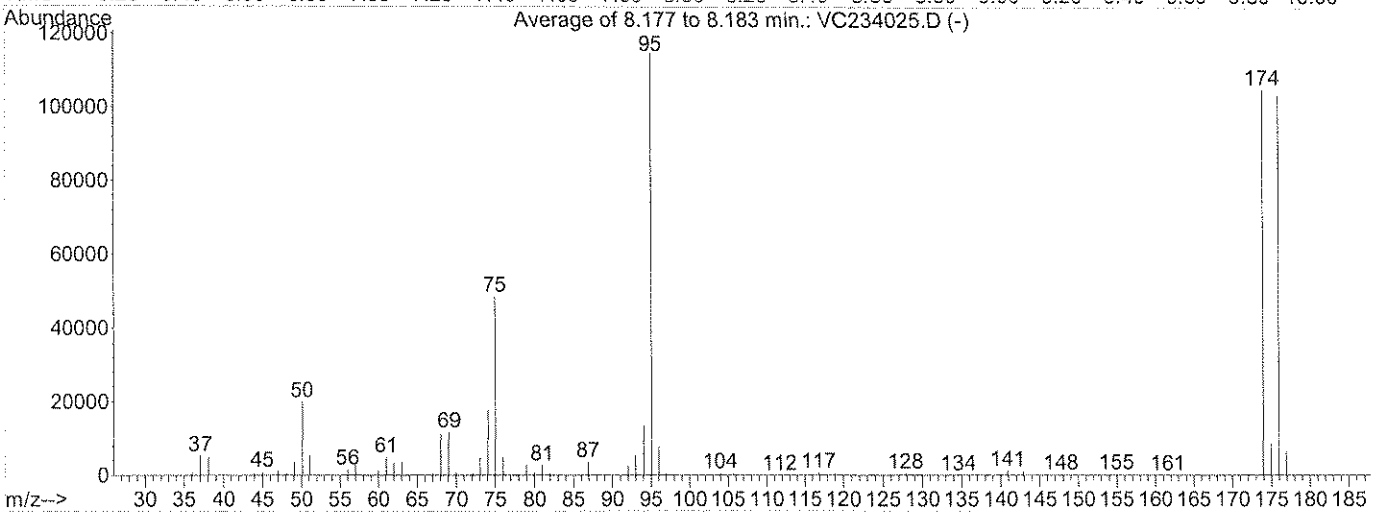
Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
	S001083-CCV1	VC234025.D	08/22/2011	22:58:00
LCS	B035906-BS1	VC234027.D	08/22/2011	23:58:00
LCS Dup	B035906-BSD1	VC234028.D	08/23/2011	0:29:00
Blank	B035906-BLK1	VC234030.D	08/23/2011	1:29:00
TB-08152011	11H0747-01	VC234031.D	08/23/2011	1:59:00
PW19-75	11H0747-02	VC234040.D	08/23/2011	6:30:00
PW19-100	11H0747-03	VC234041.D	08/23/2011	7:00:00
PW19-150	11H0747-05	VC234042.D	08/23/2011	7:30:00
PW17-25	11H0747-07	VC234043.D	08/23/2011	8:00:00
PW17-50	11H0747-08	VC234044.D	08/23/2011	8:30:00
PW17-75	11H0747-09	VC234045.D	08/23/2011	9:00:00
PW17-100	11H0747-10	VC234046.D	08/23/2011	9:30:00
PW19-125	11H0747-04	VC234047.D	08/23/2011	10:00:00
PW19-175	11H0747-06	VC234048.D	08/23/2011	10:31:00

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Tue Aug 23 08:04:36 2011





AutoFind: Scans 2646, 2647, 2648; Background Corrected with Scan 2633

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.4	20015	PASS
75	95	30	60	42.2	48560	PASS
95	95	100	100	100.0	114952	PASS
96	95	5	9	6.8	7847	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.5	105213	PASS
175	174	5	9	8.4	8834	PASS
176	174	95	101	98.5	103613	PASS
177	176	5	9	6.3	6483	PASS

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001083	Instrument:	GCMSVOA3
		Calibration:	1100030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001083-CCV1)			*Lab File ID: VC234025.D*			*Analyzed: 08/22/11 22:58*			
Pentafluorobenzene	196377	3.411	198922	3.41	99	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	300183	4.145	303268	4.15	99	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	189442	7.014	191149	7.01	99	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	202384	9.309	205446	9.31	99	50 - 200	-0.0010	+/-0.50	
LCS (B035906-BS1)			*Lab File ID: VC234027.D*			*Analyzed: 08/22/11 23:58*			
Pentafluorobenzene	194681	3.41	196377	3.411	99	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	300088	4.15	300183	4.145	100	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	187489	7.02	189442	7.014	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	202137	9.31	202384	9.309	100	50 - 200	0.0010	+/-0.50	
LCS Dup (B035906-BSD1)			*Lab File ID: VC234028.D*			*Analyzed: 08/23/11 00:29*			
Pentafluorobenzene	204494	3.41	196377	3.411	104	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	308641	4.14	300183	4.145	103	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	195592	7.01	189442	7.014	103	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	207649	9.31	202384	9.309	103	50 - 200	0.0010	+/-0.50	
Blank (B035906-BLK1)			*Lab File ID: VC234030.D*			*Analyzed: 08/23/11 01:29*			
Pentafluorobenzene	189883	3.41	196377	3.411	97	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	290932	4.14	300183	4.145	97	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	183553	7.01	189442	7.014	97	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	196769	9.31	202384	9.309	97	50 - 200	0.0010	+/-0.50	
TB-08152011 (11H0747-01)			*Lab File ID: VC234031.D*			*Analyzed: 08/23/11 01:59*			
Pentafluorobenzene	198921	3.41	196377	3.411	101	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	305702	4.15	300183	4.145	102	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	187715	7.01	189442	7.014	99	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	199488	9.31	202384	9.309	99	50 - 200	0.0010	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001083	Instrument:	GCMSVOA3
		Calibration:	1100030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW19-75 (11H0747-02)			*Lab File ID: VC234040.D*			*Analyzed: 08/23/11 06:30*			
Pentafluorobenzene	189497	3.41	196377	3.411	96	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	292190	4.15	300183	4.145	97	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	185266	7.02	189442	7.014	98	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	195694	9.31	202384	9.309	97	50 - 200	0.0010	+/-0.50	
PW19-100 (11H0747-03)			*Lab File ID: VC234041.D*			*Analyzed: 08/23/11 07:00*			
Pentafluorobenzene	189103	3.41	196377	3.411	96	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	299407	4.14	300183	4.145	100	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	186651	7.02	189442	7.014	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	193699	9.31	202384	9.309	96	50 - 200	0.0010	+/-0.50	
PW19-150 (11H0747-05)			*Lab File ID: VC234042.D*			*Analyzed: 08/23/11 07:30*			
Pentafluorobenzene	193863	3.41	196377	3.411	99	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	297813	4.15	300183	4.145	99	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	187703	7.01	189442	7.014	99	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	199737	9.31	202384	9.309	99	50 - 200	0.0010	+/-0.50	
PW17-25 (11H0747-07)			*Lab File ID: VC234043.D*			*Analyzed: 08/23/11 08:00*			
Pentafluorobenzene	191442	3.41	196377	3.411	97	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	294866	4.15	300183	4.145	98	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	185064	7.01	189442	7.014	98	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	195864	9.31	202384	9.309	97	50 - 200	0.0010	+/-0.50	
PW17-50 (11H0747-08)			*Lab File ID: VC234044.D*			*Analyzed: 08/23/11 08:30*			
Pentafluorobenzene	194053	3.41	196377	3.411	99	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	298647	4.15	300183	4.145	99	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	185886	7.01	189442	7.014	98	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	197441	9.31	202384	9.309	98	50 - 200	0.0010	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001083	Instrument:	GCMSVOA3
		Calibration:	1100030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW17-75 (11H0747-09)			*Lab File ID: VC234045.D*			*Analyzed: 08/23/11 09:00*			
Pentafluorobenzene	194547	3.41	196377	3.411	99	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	297018	4.15	300183	4.145	99	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	186085	7.01	189442	7.014	98	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	201892	9.31	202384	9.309	100	50 - 200	0.0010	+/-0.50	
PW17-100 (11H0747-10)			*Lab File ID: VC234046.D*			*Analyzed: 08/23/11 09:30*			
Pentafluorobenzene	192715	3.41	196377	3.411	98	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	297822	4.14	300183	4.145	99	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	187882	7.01	189442	7.014	99	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	198727	9.31	202384	9.309	98	50 - 200	0.0010	+/-0.50	
PW19-125 (11H0747-04)			*Lab File ID: VC234047.D*			*Analyzed: 08/23/11 10:00*			
Pentafluorobenzene	186227	3.41	196377	3.411	95	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	286225	4.15	300183	4.145	95	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	176008	7.01	189442	7.014	93	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	191090	9.31	202384	9.309	94	50 - 200	0.0010	+/-0.50	
PW19-175 (11H0747-06)			*Lab File ID: VC234048.D*			*Analyzed: 08/23/11 10:31*			
Pentafluorobenzene	196211	3.41	196377	3.411	100	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	303093	4.15	300183	4.145	101	50 - 200	0.0050	+/-0.50	
Chlorobenzene-d5	189202	7.01	189442	7.014	100	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	201149	9.31	202384	9.309	99	50 - 200	0.0010	+/-0.50	

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-08152011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0747-01	File ID:	VC234031.D
Sampled:	08/15/11 16:00	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 01:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08152011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0747-01	File ID:	VC234031.D
Sampled:	08/15/11 16:00	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 01:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-08152011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0747-01	File ID:	VC234031.D
Sampled:	08/15/11 16:00	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 01:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08152011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0747-01	File ID:	VC234031.D
Sampled:	08/15/11 16:00	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 01:59
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234031.D
Acq On : 23 Aug 2011 1:59 am
Operator :
Sample : 11H0747-01 @ (TB)
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 23 12:17:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

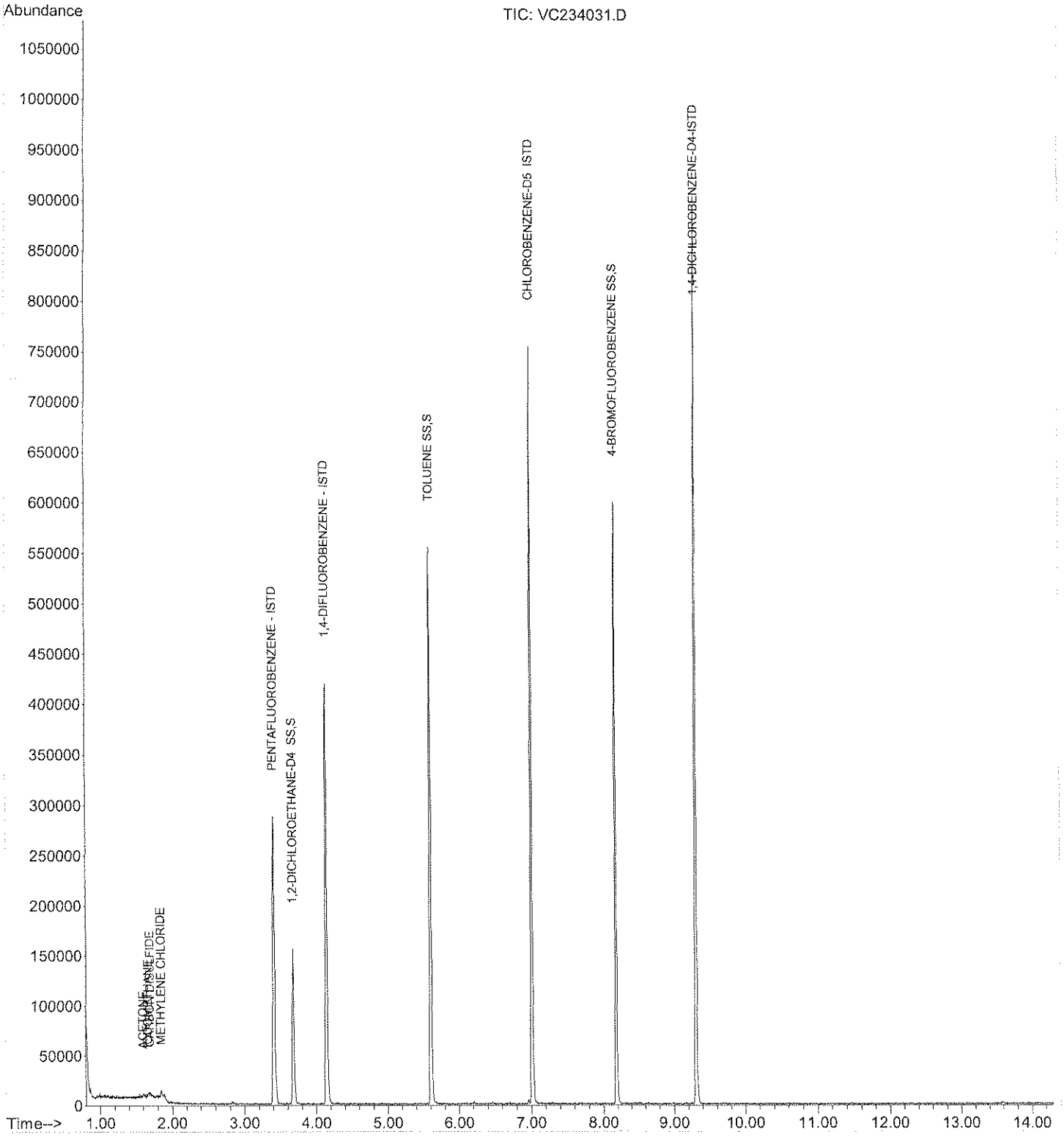
CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

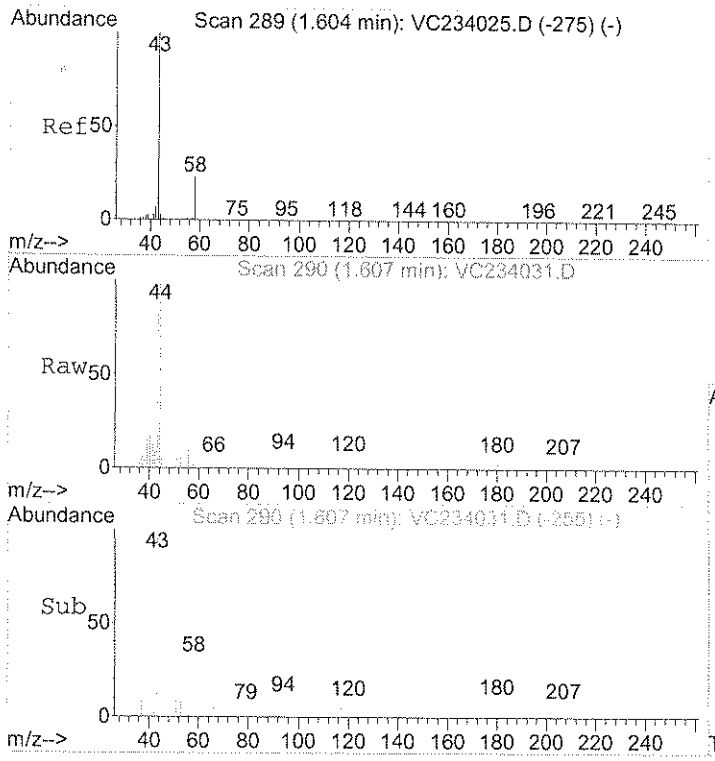
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	198921	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	305702	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	187715	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	199488	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	105173	24.99	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%			
49) TOLUENE SS	5.61	98	307304	25.17	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.68%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	154892	25.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%			
Target Compounds						Qvalue
14) ACETONE	1.61	43	2680	2.51	UG/L #	50
17) IODOMETHANE	1.66	142	1457m	0.26	UG/L	
23) METHYLENE CHLORIDE	1.85	49	2014	0.35	UG/L	92
24) CARBON DISULFIDE	1.70	76	1801	0.17	UG/L #	100

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

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234031.D
Acq On : 23 Aug 2011 1:59 am
Operator :
Sample : 11H0747-01 @ (TB)
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 23 12:17:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

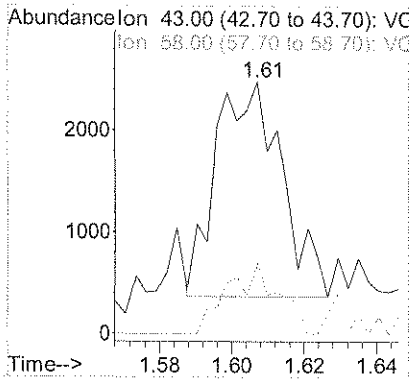


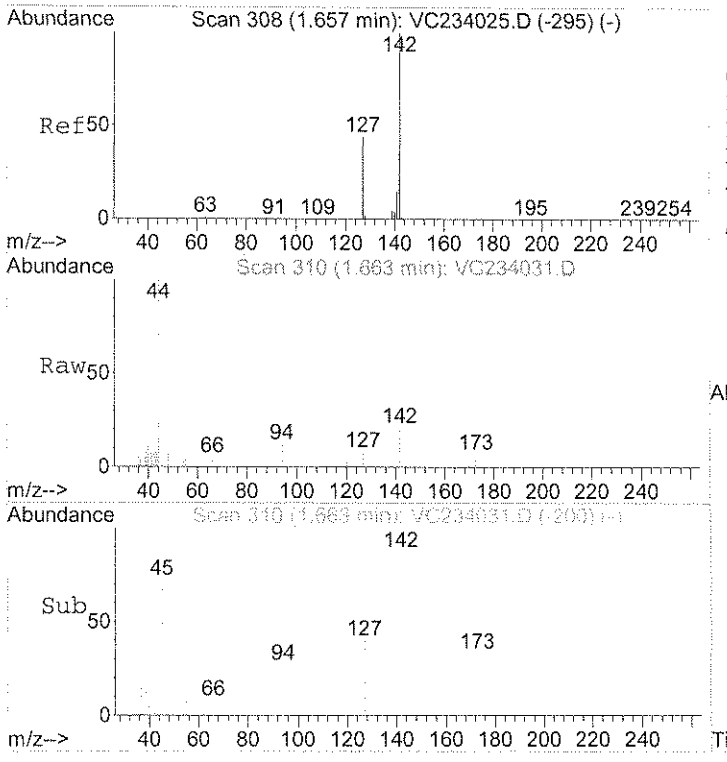


#14
ACETONE
Concen: 2.51 UG/L
RT: 1.61 min Scan# 290
Delta R.T. 0.00 min
Lab File: VC234031.D
Acq: 23 Aug 2011 1:59 am

Tgt Ion: 43 Resp: 2680

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.2	30.2#

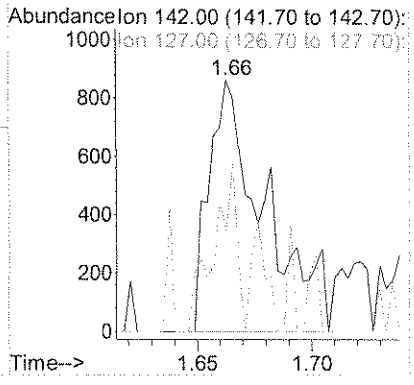


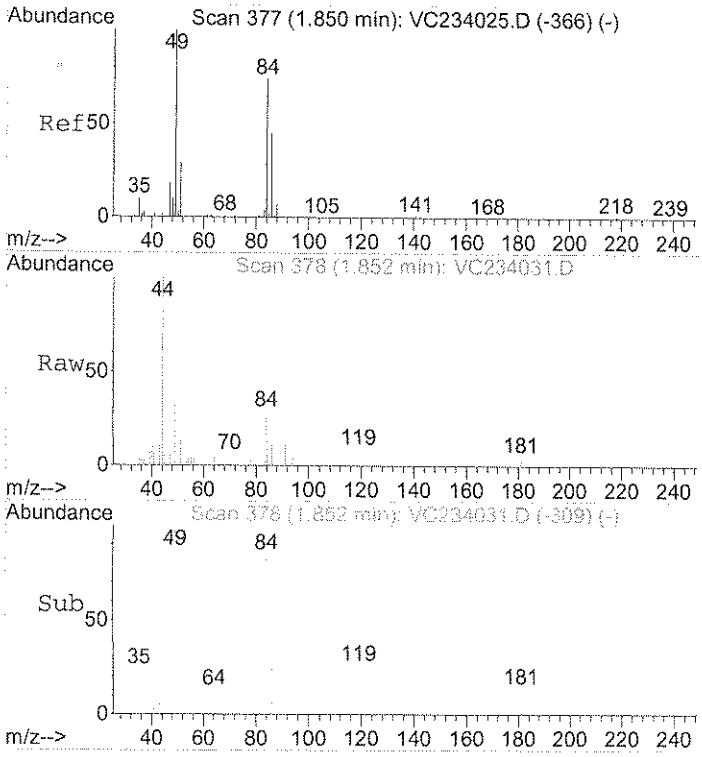


#17
IODOMETHANE
Concen: 0.26 UG/L m
RT: 1.66 min Scan# 310
Delta R.T. 0.01 min
Lab File: VC234031.D
Acq: 23 Aug 2011 1:59 am

Tgt Ion:142 Resp: 1457

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.2	48.2#

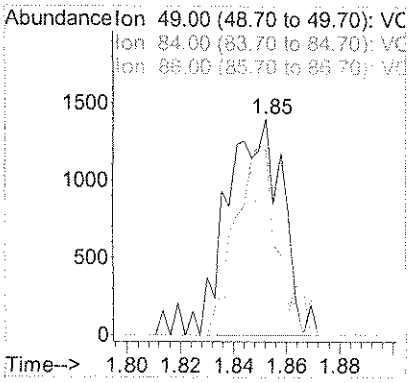


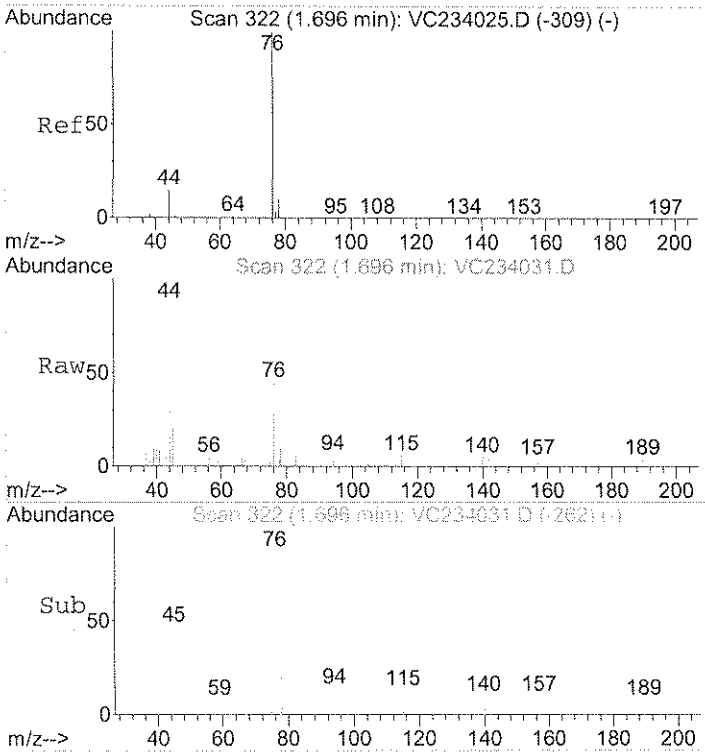


#23
METHYLENE CHLORIDE
Concen: 0.35 UG/L
RT: 1.85 min Scan# 378
Delta R.T. 0.00 min
Lab File: VC234031.D
Acq: 23 Aug 2011 1:59 am

Tgt Ion: 49 Resp: 2014

Ion	Ratio	Lower	Upper
49	100		
84	67.9	63.0	94.6
86	48.5	39.1	58.7

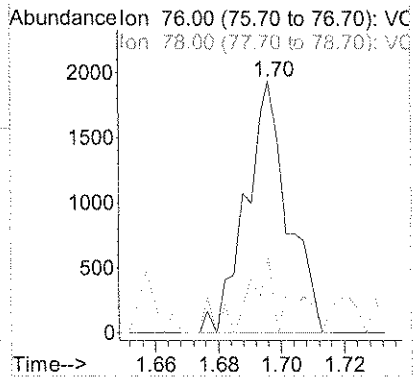




#24
CARBON DISULFIDE
Concen: 0.17 UG/L
RT: 1.70 min Scan# 322
Delta R.T. 0.00 min
Lab File: VC234031.D
Acq: 23 Aug 2011 1:59 am

Tgt Ion: 76 Resp: 1801

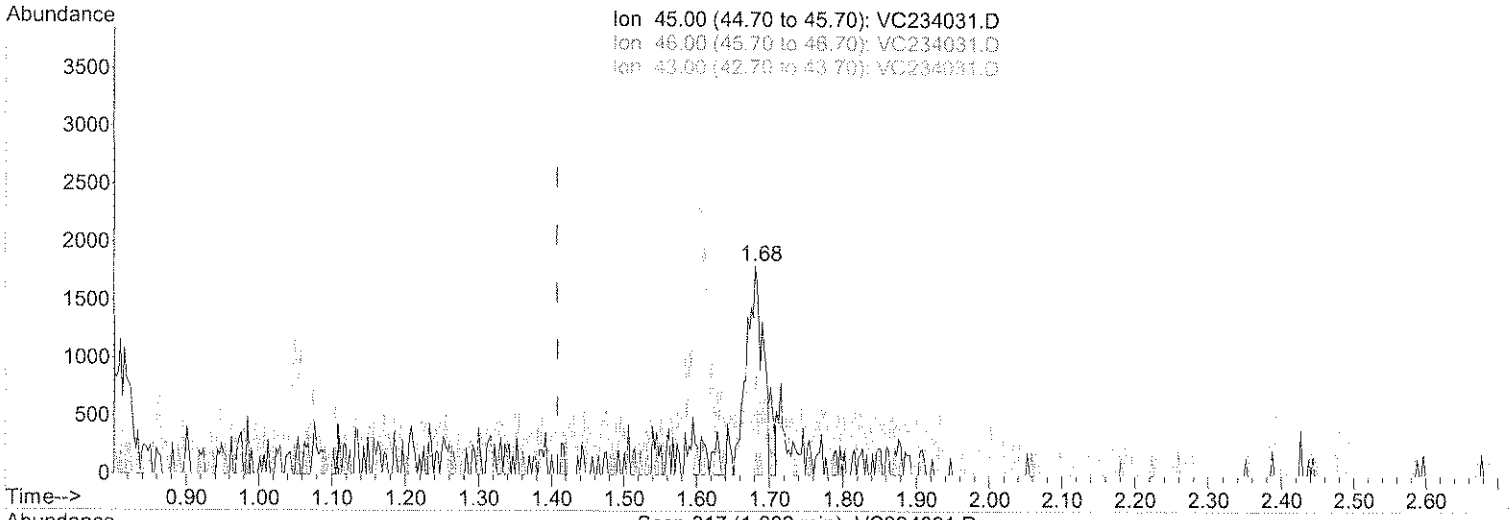
Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

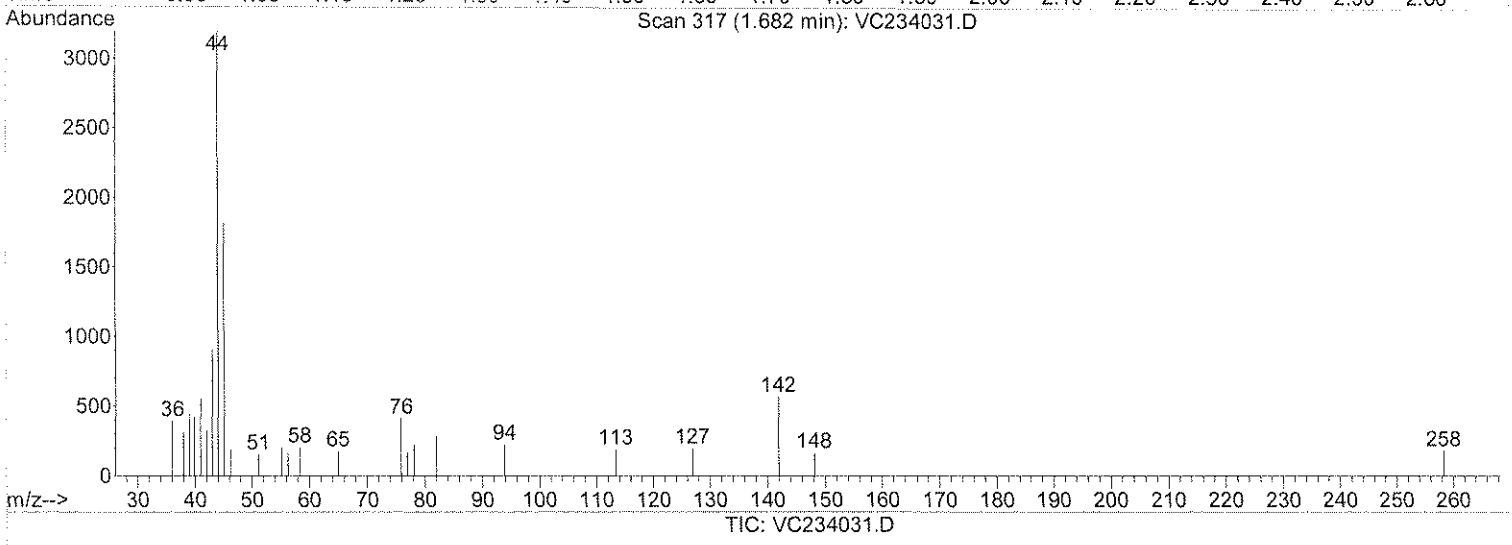


Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234031.D
Acq On : 23 Aug 2011 1:59 am
Operator :
Sample : 11H0747-01 @ (TB)
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 23 12:06:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration





TIC: VC234031.D

(11) ETHANOL

1.682min (+0.273) 58.41UG/L

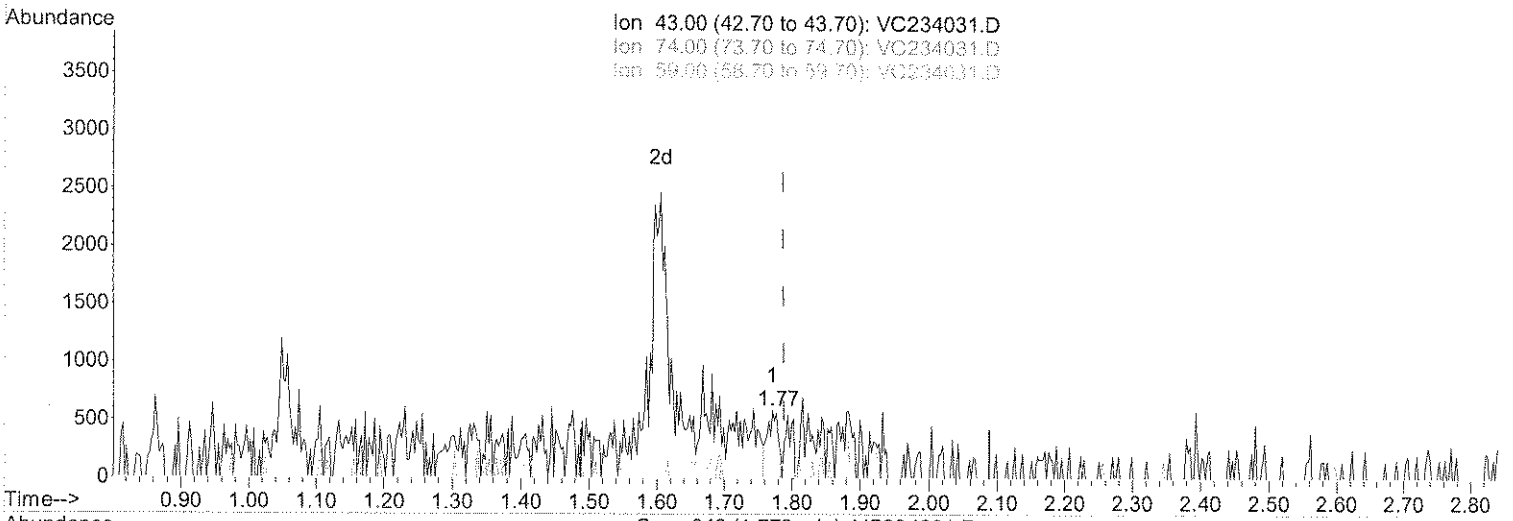
response 2816

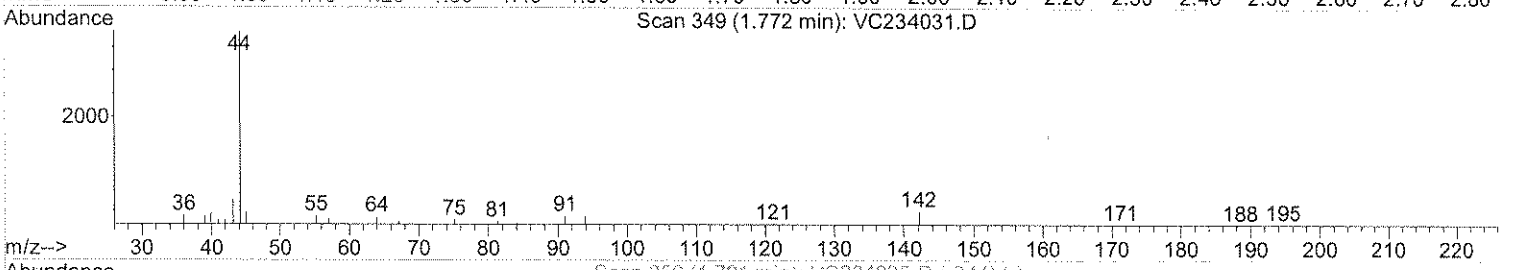
Ion	Exp%	Act%
45.00	100	100
46.00	38.40	0.00#
43.00	21.90	95.17#
0.00	0.00	0.00

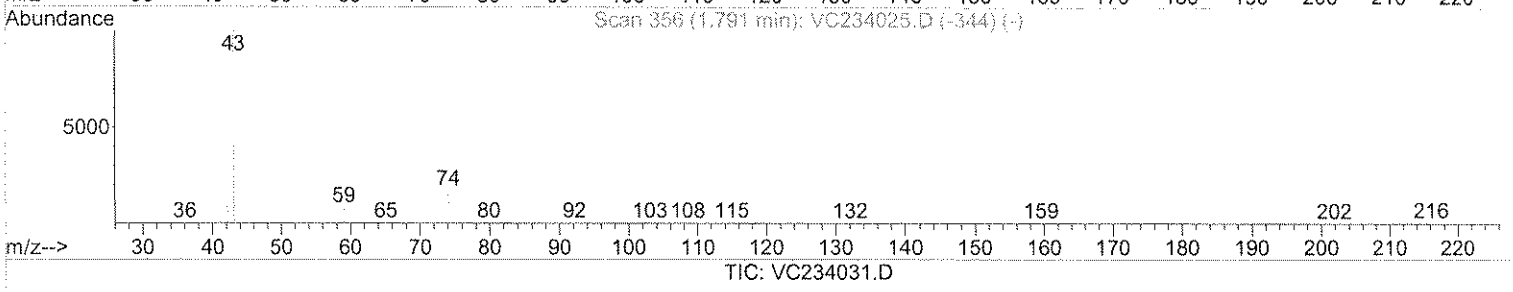
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234031.D
Acq On : 23 Aug 2011 1:59 am
Operator :
Sample : 11H0747-01 @ (TB)
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 23 12:06:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234031.D

(20) METHYL ACETATE

1.772min (-0.017) 0.11UG/L

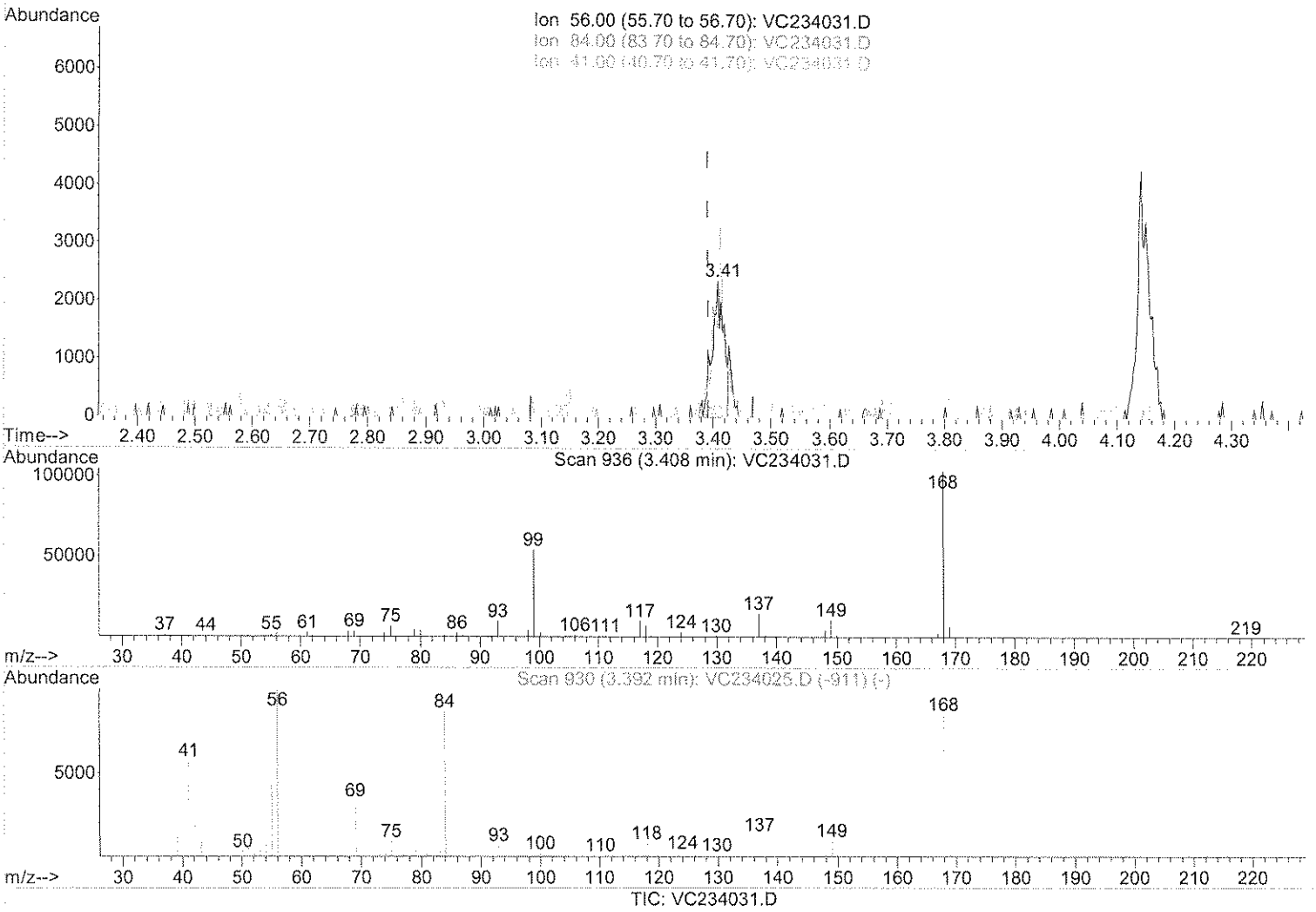
response 632

Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234031.D
Acq On : 23 Aug 2011 1:59 am
Operator :
Sample : 11H0747-01 @ (TB)
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 23 12:06:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(42) CYCLOHEXANE

3.408min (+0.017) 0.46UG/L

response 3224

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	56.61#
41.00	62.90	0.00#
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-02	File ID:	VC234040.D
Sampled:	08/15/11 16:40	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 06:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW19-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-02	File ID:	VC234040.D
Sampled:	08/15/11 16:40	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 06:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene	1.1	0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW19-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-02	File ID:	VC234040.D
Sampled:	08/15/11 16:40	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 06:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene	3.3	0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene	1.4	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	18	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene	2.6	0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW19-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-02	File ID:	VC234040.D
Sampled:	08/15/11 16:40	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 06:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene	1.8	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

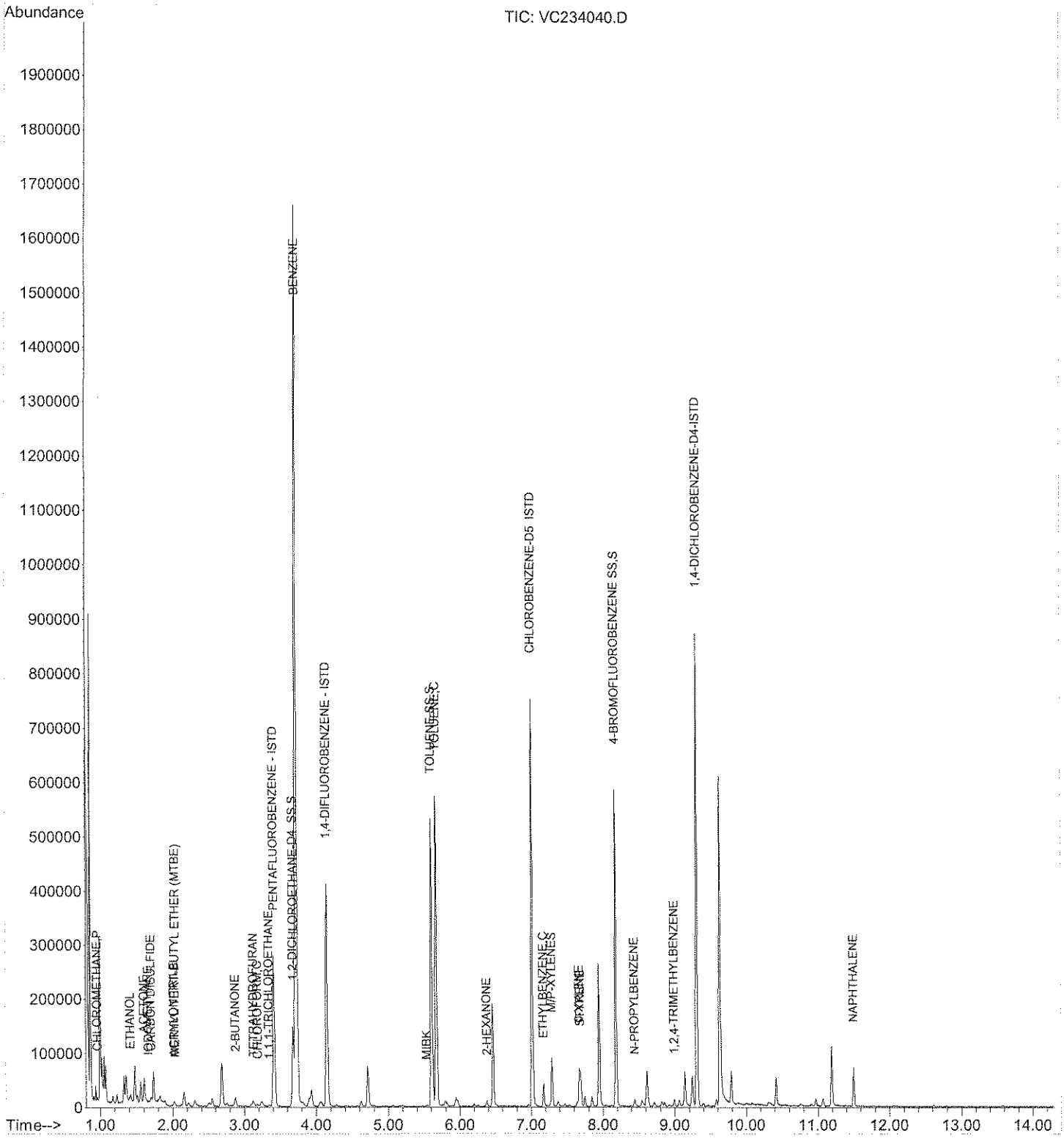
Quant Time: Aug 23 12:39:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

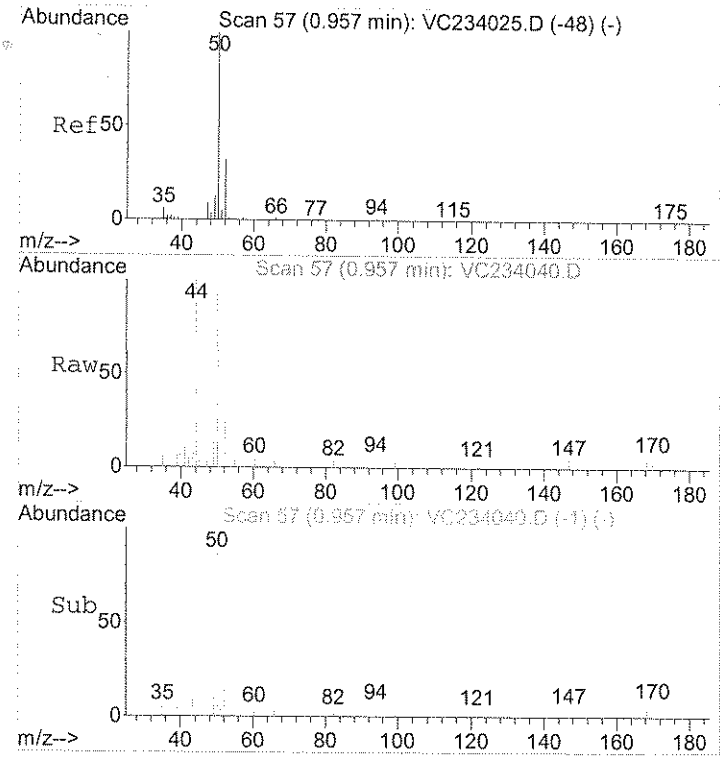
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	189497	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	292190	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.02	82	185266	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	195694	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	101084	25.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.84%				
49) TOLUENE SS	5.61	98	296709	25.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.72%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	149781	24.57	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.28%				
Target Compounds							Qvalue
5) CHLOROMETHANE	0.96	50	4453	0.91	UG/L		97
11) ETHANOL	1.41	45	13519m	602.93	UG/L		
14) ACETONE	1.61	43	29686	29.14	UG/L		93
17) IODOMETHANE	1.66	142	875	0.16	UG/L	#	35
22) ACRYLONITRILE	2.02	53	1984m	1.24	UG/L		
24) CARBON DISULFIDE	1.70	76	1270	0.12	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.04	73	2797	0.21	UG/L	#	11
31) 2-BUTANONE	2.88	43	19865	11.11	UG/L		100
39) TETRAHYDROFURAN	3.14	42	1444m	1.26	UG/L		
40) CHLOROFORM	3.19	83	3022m	0.32	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.34	97	882m	0.11	UG/L		
45) BENZENE	3.73	78	1318839	74.31	UG/L		96
59) MIBK	5.53	43	1409m	0.37	UG/L		
61) TOLUENE	5.67	91	348187	17.99	UG/L		99
65) 2-HEXANONE	6.38	43	5105	1.90	UG/L		91
74) ETHYLBENZENE	7.17	91	24102	1.06	UG/L		99
75) M/P-XYLENES	7.29	91	45725	2.62	UG/L		97
76) O-XYLENE	7.67	91	32270	1.76	UG/L		99
77) STYRENE	7.69	104	19994	1.44	UG/L		92
85) N-PROPYLBENZENE	8.46	91	2465	0.10	UG/L	#	55
91) 1,2,4-TRIMETHYLBENZENE	8.99	105	5799	0.33	UG/L		100
102) NAPHTHALENE	11.50	128	42557	3.31	UG/L		98

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

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:39:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

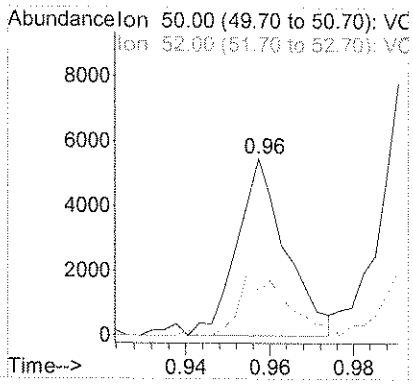


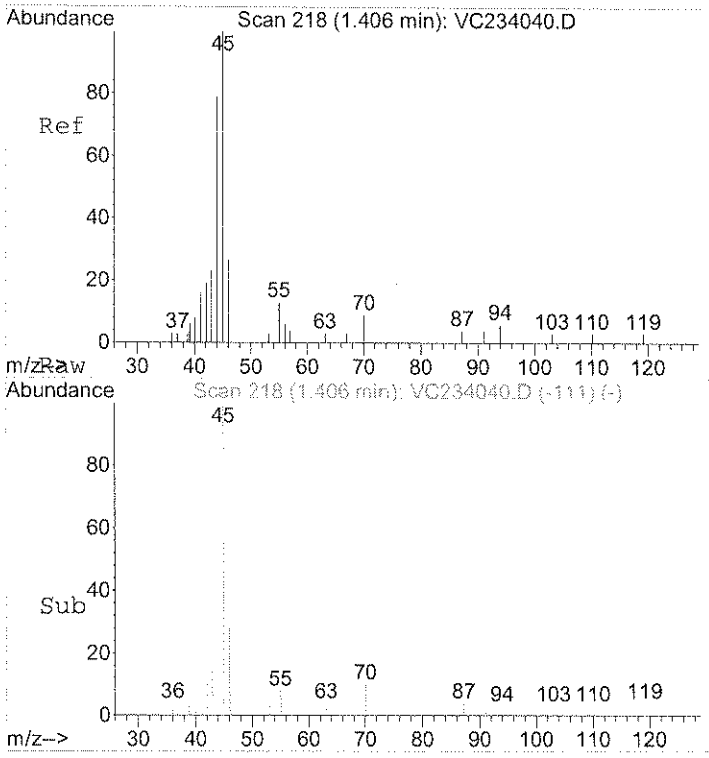


#5
CHLOROMETHANE
Concen: 0.91 UG/L
RT: 0.96 min Scan# 57
Delta R.T. 0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 50 Resp: 4453

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.1	39.1

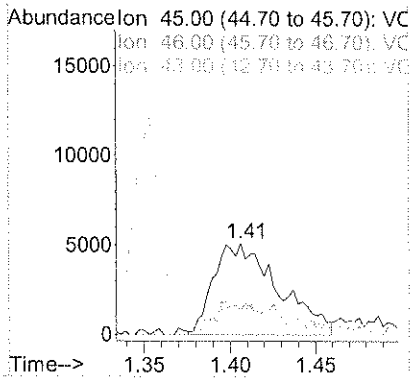


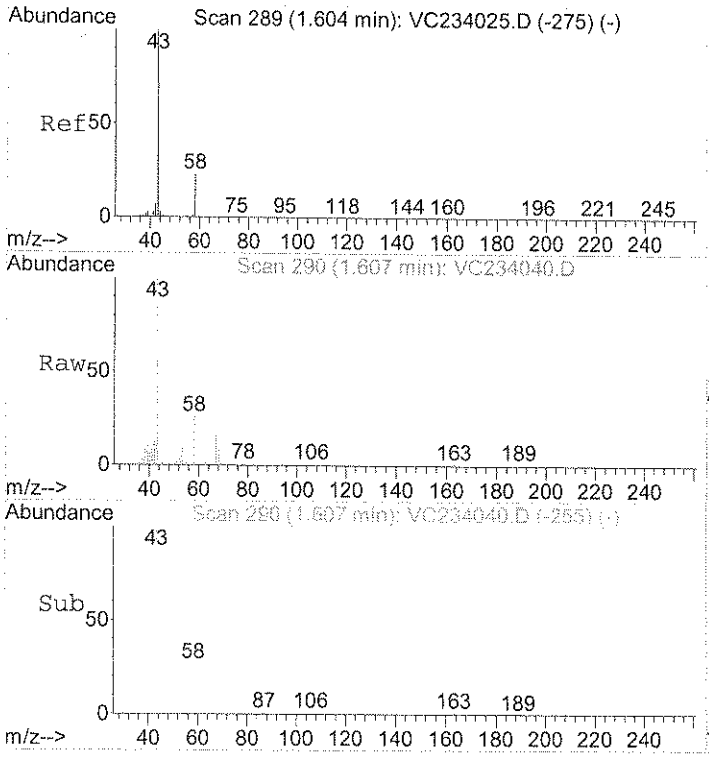


#11
ETHANOL
Concen: 602.93 UG/L m
RT: 1.41 min Scan# 218
Delta R.T. -0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 45 Resp: 13519

Ion	Ratio	Lower	Upper
45	100		
46	10.0	30.7	46.1#
43	10.1	17.5	26.3#

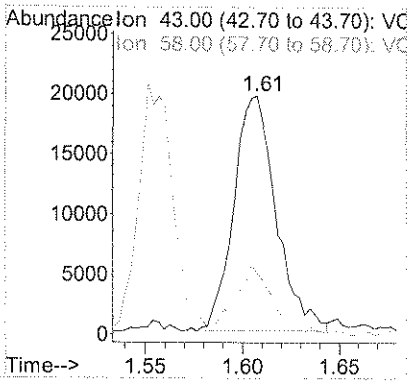


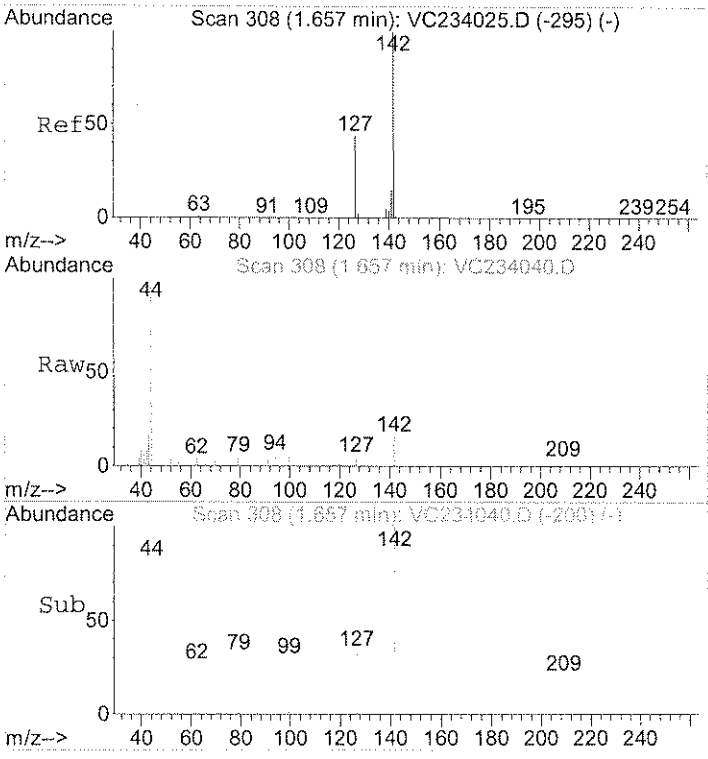


#14
ACETONE
Concen: 29.14 UG/L
RT: 1.61 min Scan# 290
Delta R.T. 0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 43 Resp: 29686

Ion	Ratio	Lower	Upper
43	100		
58	21.7	20.2	30.2

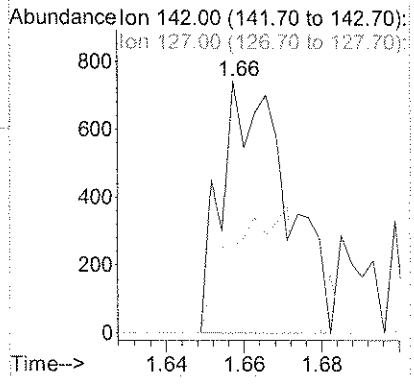


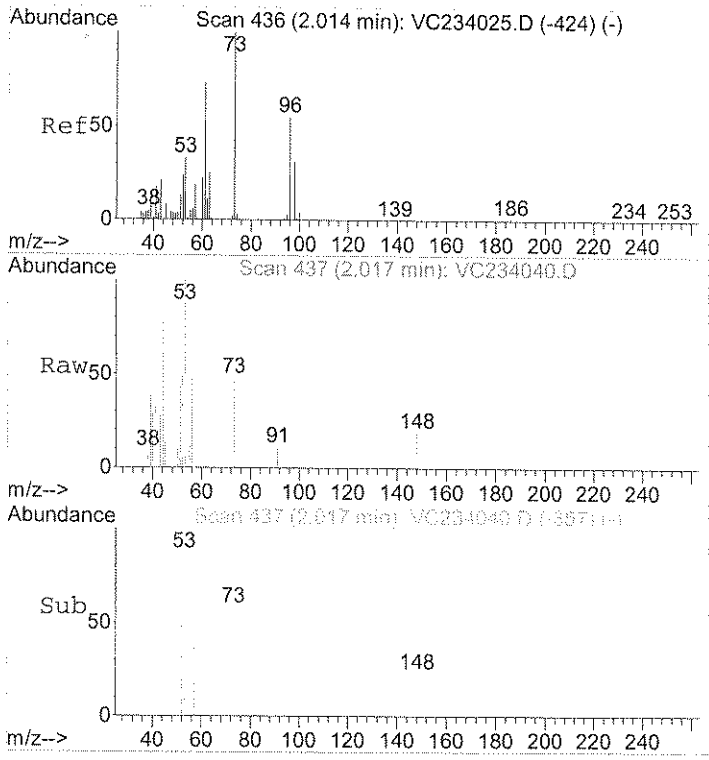


#17
IODOMETHANE
Concen: 0.16 UG/L
RT: 1.66 min Scan# 308
Delta R.T. -0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion:142 Resp: 875

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.2	48.2#

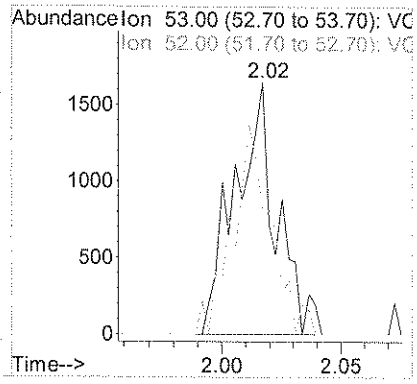


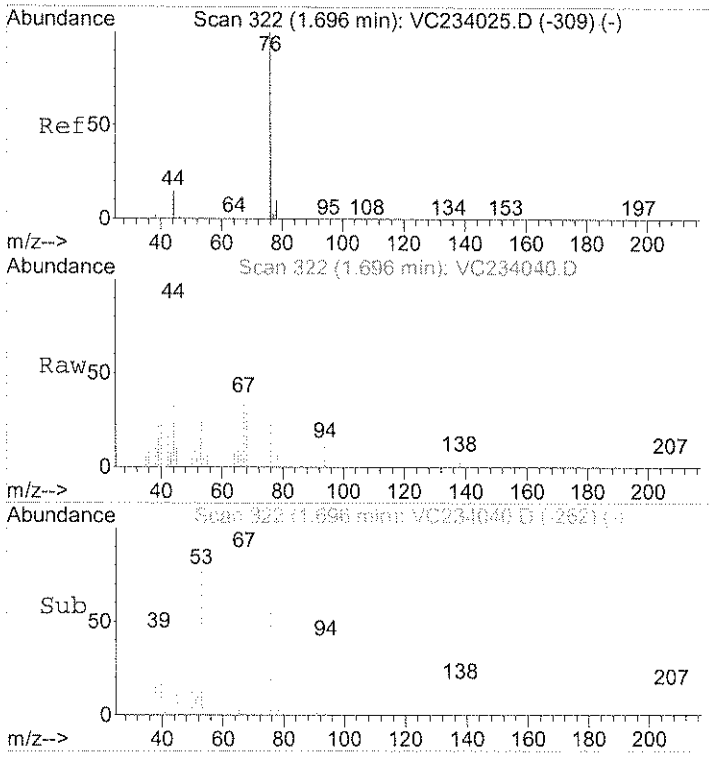


#22
ACRYLONITRILE
Concen: 1.24 UG/L m
RT: 2.02 min Scan# 437
Delta R.T. 0.01 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 53 Resp: 1984

Ion	Ratio	Lower	Upper
53	100		
52	76.6	64.6	97.0

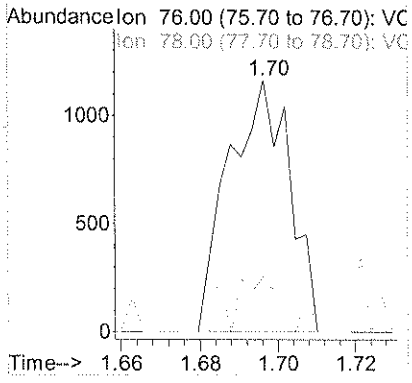


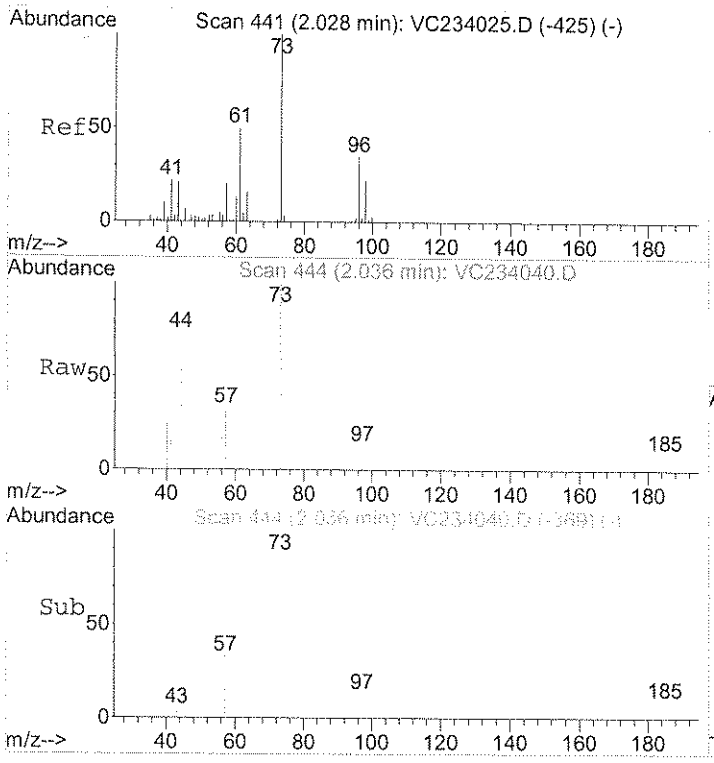


#24
CARBON DISULFIDE
Concen: 0.12 UG/L
RT: 1.70 min Scan# 322
Delta R.T. 0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 76 Resp: 1270

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

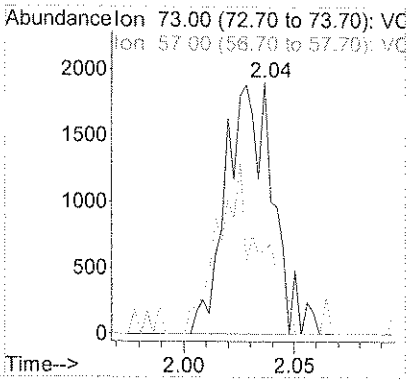


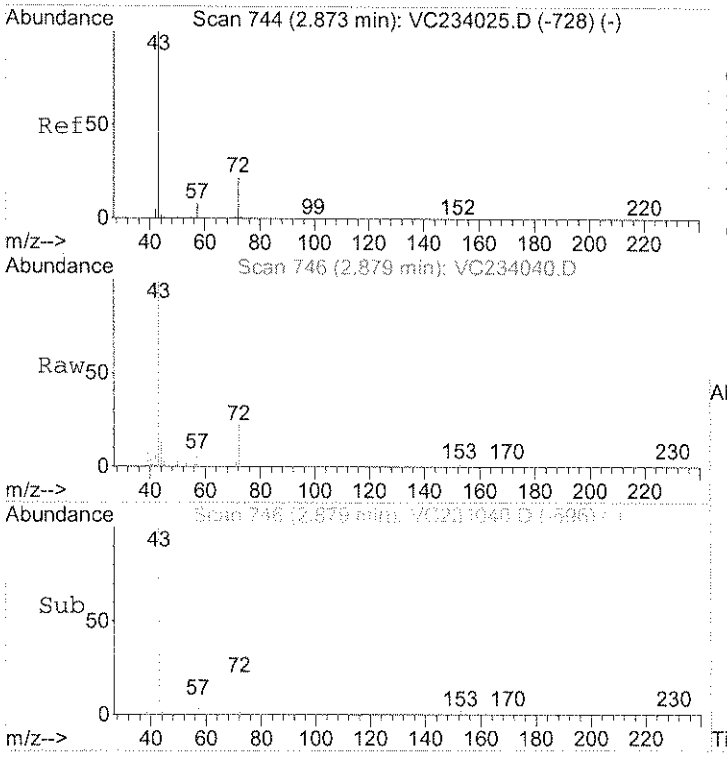


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.21 UG/L
RT: 2.04 min Scan# 444
Delta R.T. 0.01 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 73 Resp: 2797

Ion	Ratio	Lower	Upper
73	100		
57	60.6	15.8	23.8#

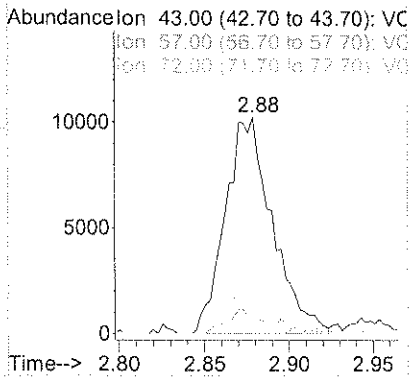


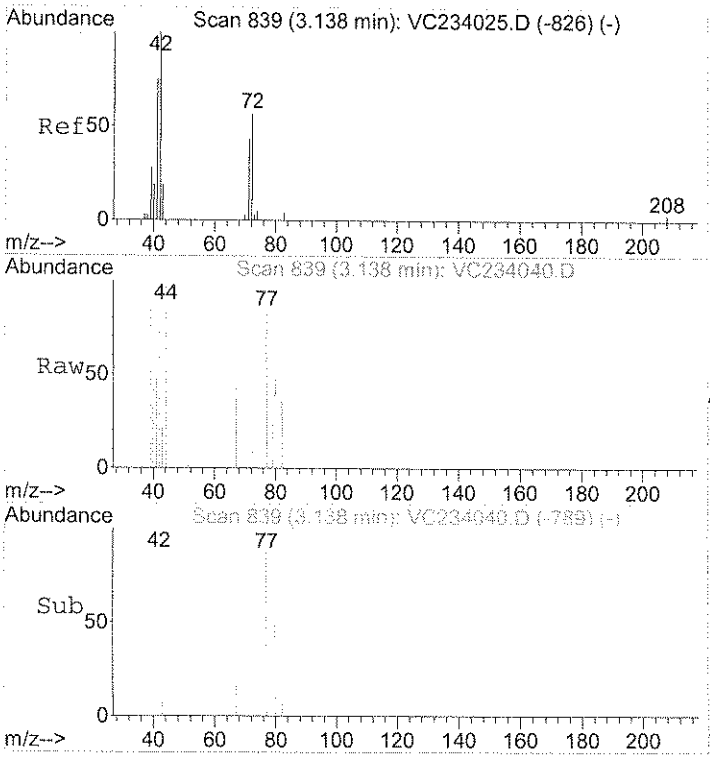


#31
2-BUTANONE
Concen: 11.11 UG/L
RT: 2.88 min Scan# 746
Delta R.T. 0.01 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 43 Resp: 19865

Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.2	9.2
72	23.7	18.9	28.3

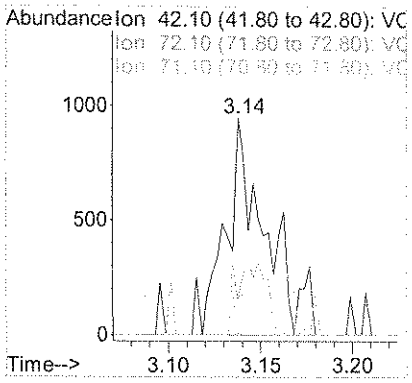


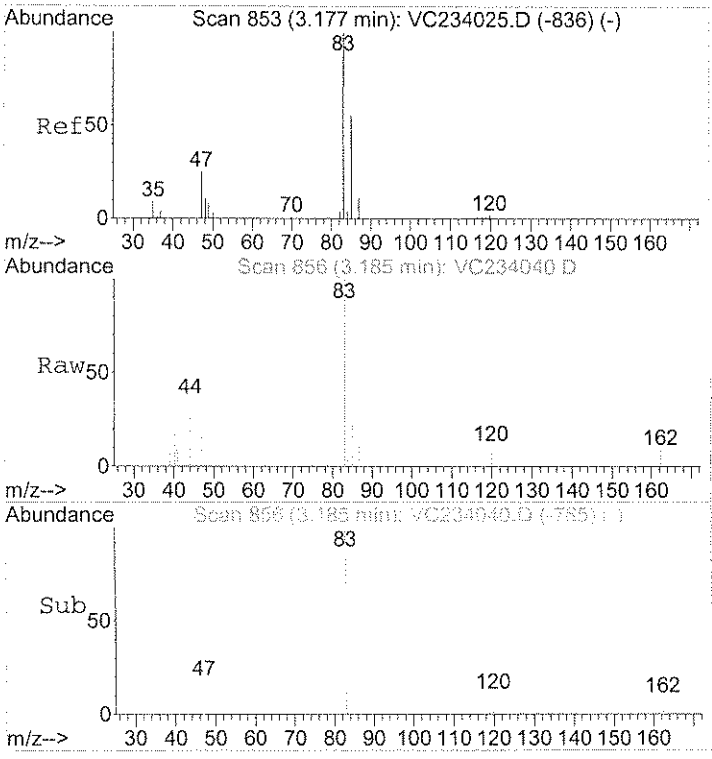


#39
TETRAHYDROFURAN
Concen: 1.26 UG/L m
RT: 3.14 min Scan# 839
Delta R.T. 0.01 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 42 Resp: 1444

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.4	56.2#
71	0.0	33.0	49.6#

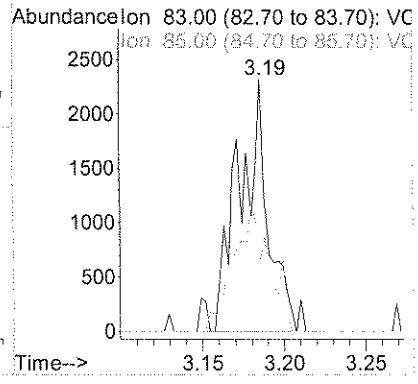


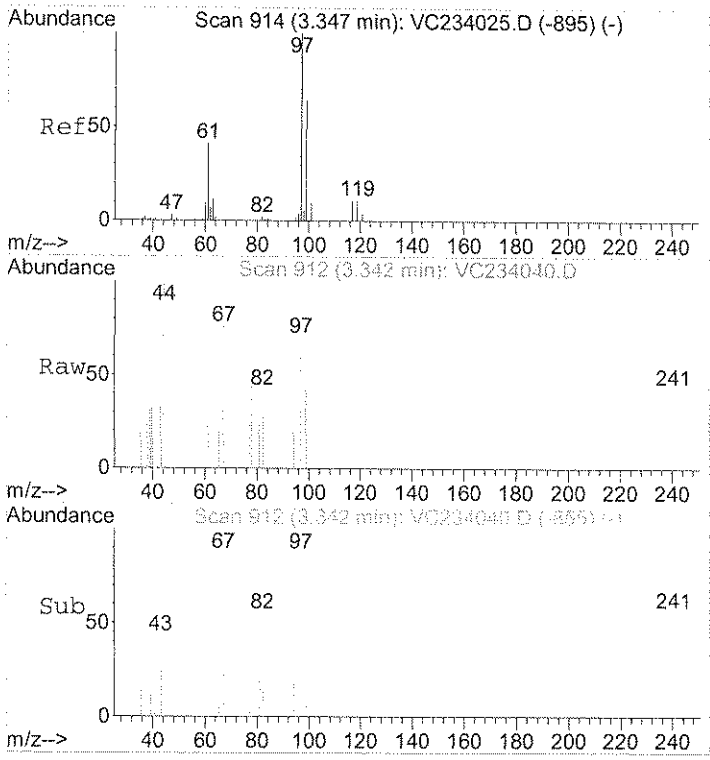


#40
CHLOROFORM
Concen: 0.32 UG/L m
RT: 3.19 min Scan# 856
Delta R.T. 0.01 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 83 Resp: 3022

Ion	Ratio	Lower	Upper
83	100		
85	60.1	50.4	75.6

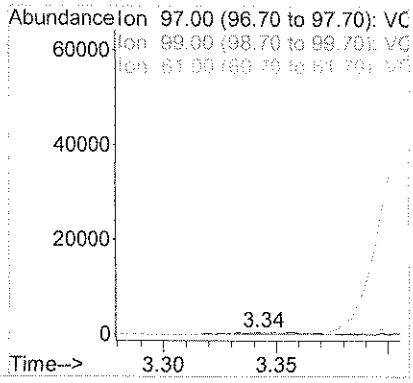


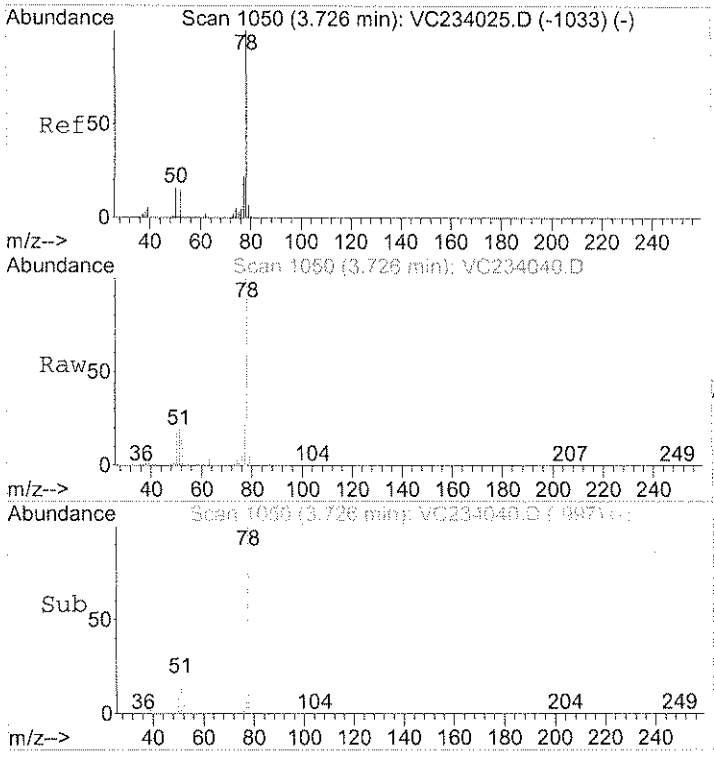


#41
1,1,1-TRICHLOROETHANE
Concen: 0.11 UG/L m
RT: 3.34 min Scan# 912
Delta R.T. -0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 97 Resp: 882

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	0.0	32.2	48.2#

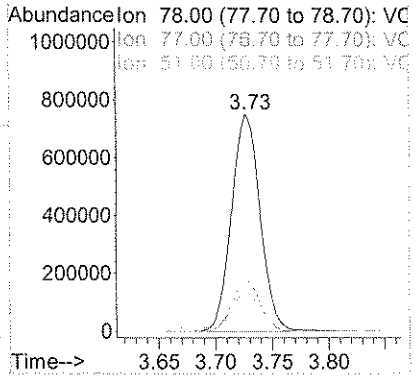


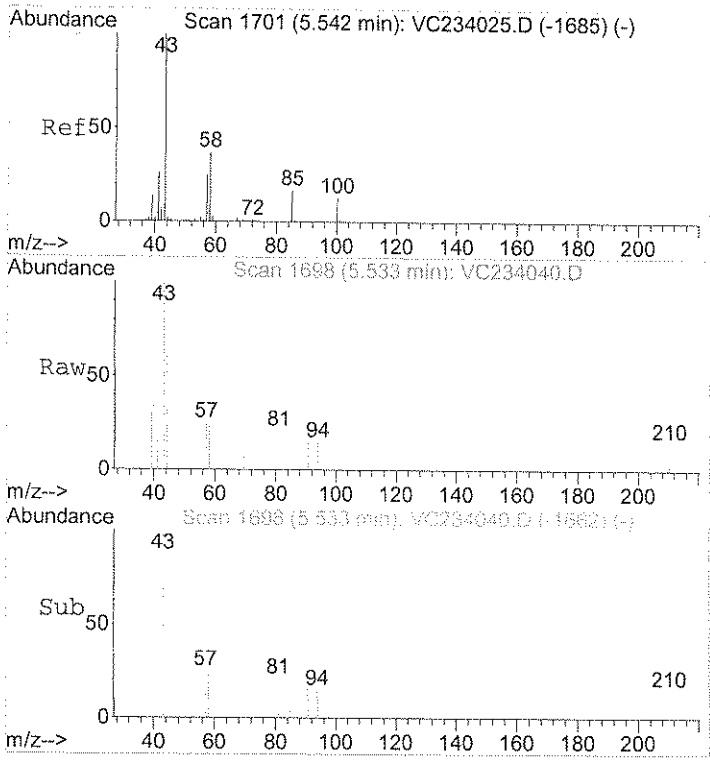


#45
BENZENE
Concen: 74.31 UG/L
RT: 3.73 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 78 Resp: 1318839

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0
51	17.8	17.1	25.7

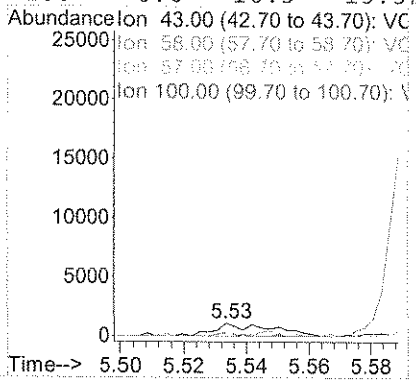


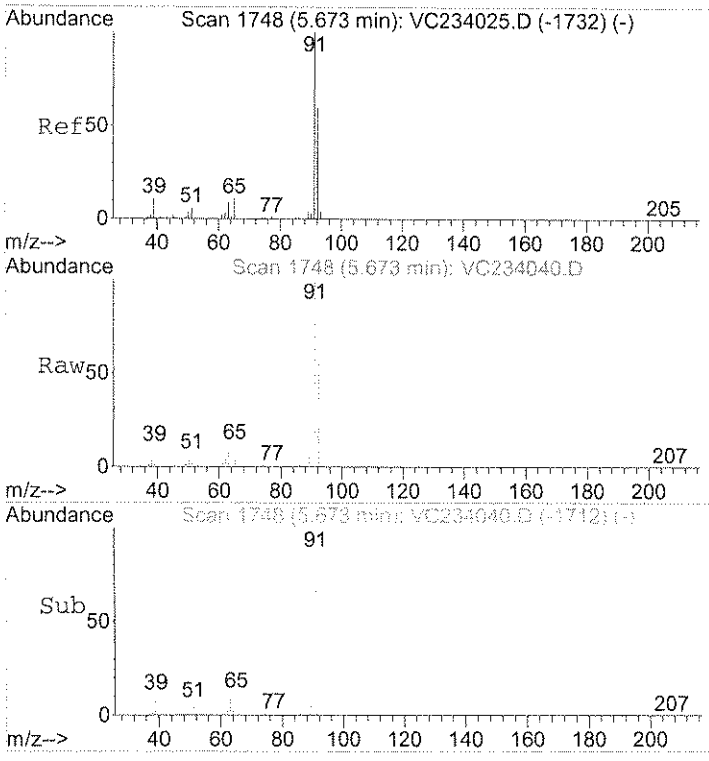


#59
MIBK
Concen: 0.37 UG/L m
RT: 5.53 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 43 Resp: 1409

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.6	46.0#
57	0.0	20.2	30.2#
100	0.0	10.3	15.5#

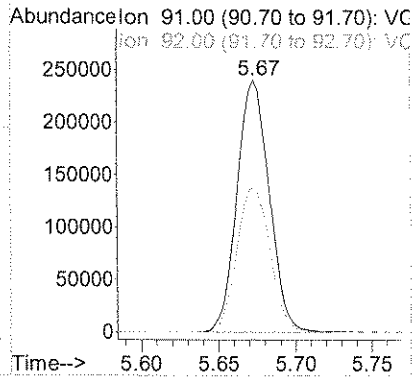


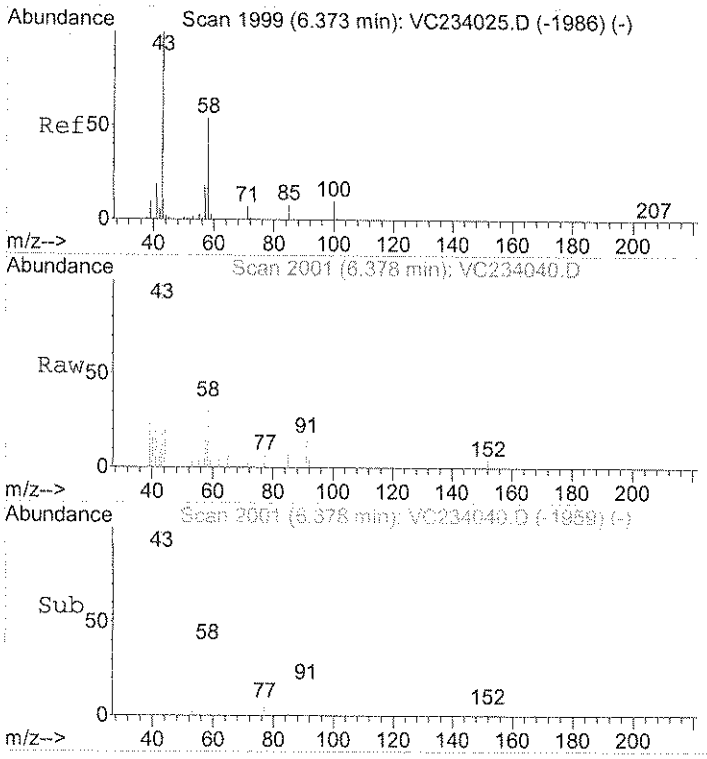


#61
TOLUENE
Concen: 17.99 UG/L
RT: 5.67 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 91 Resp: 348187

Ion	Ratio	Lower	Upper
91	100		
92	59.4	48.2	72.2

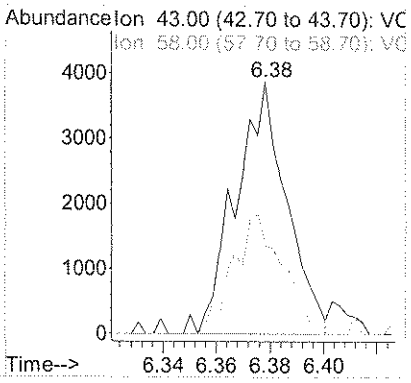


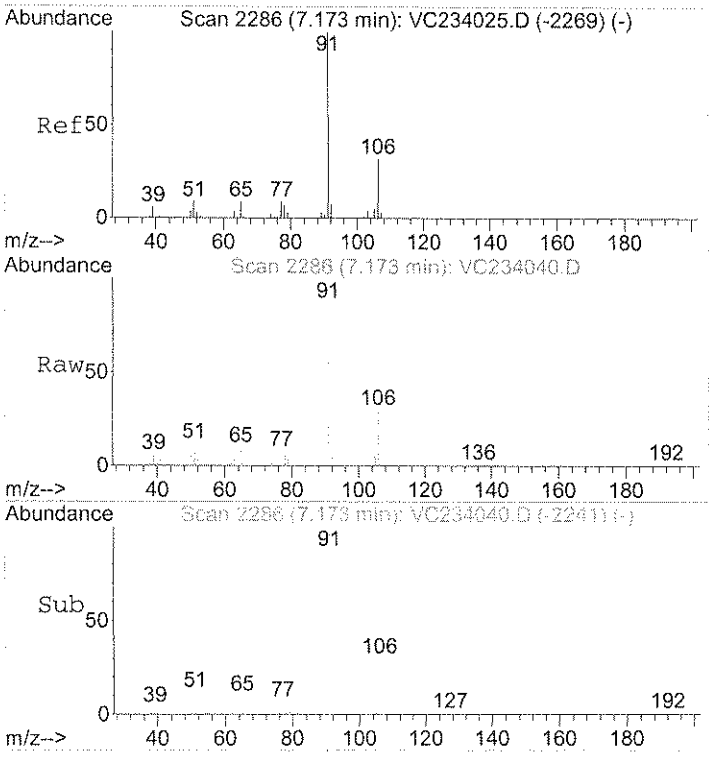


#65
2-HEXANONE
Concen: 1.90 UG/L
RT: 6.38 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 43 Resp: 5105

Ion	Ratio	Lower	Upper
43	100		
58	45.8	41.4	62.2

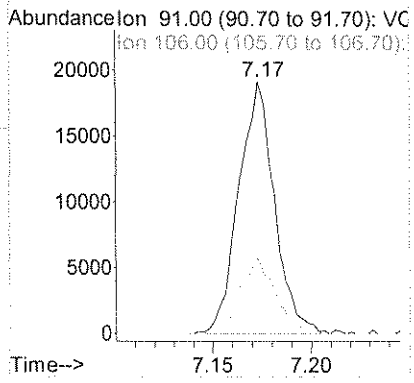


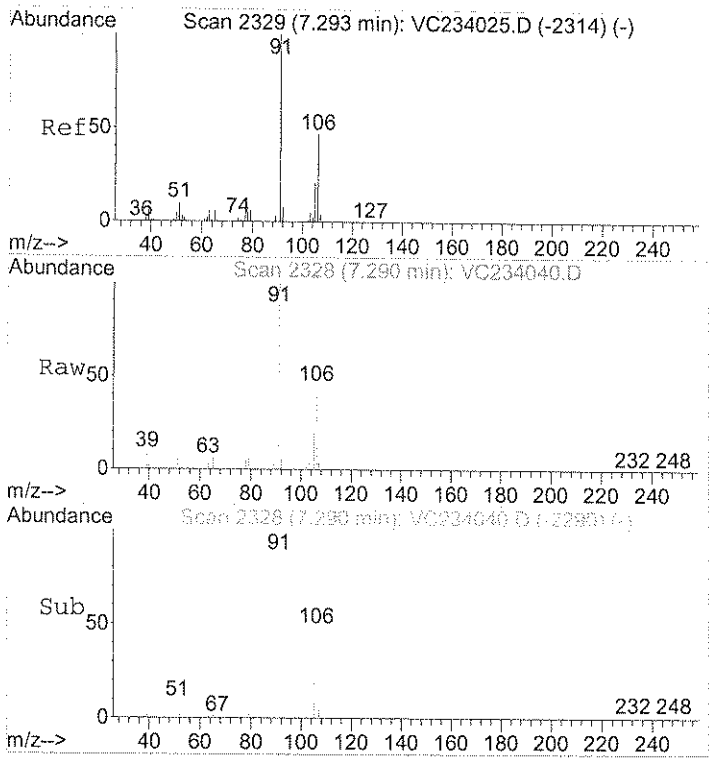


#74
ETHYLBENZENE
Concen: 1.06 UG/L
RT: 7.17 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 91 Resp: 24102

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.4	35.0

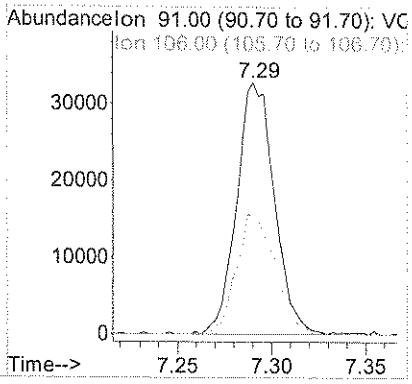


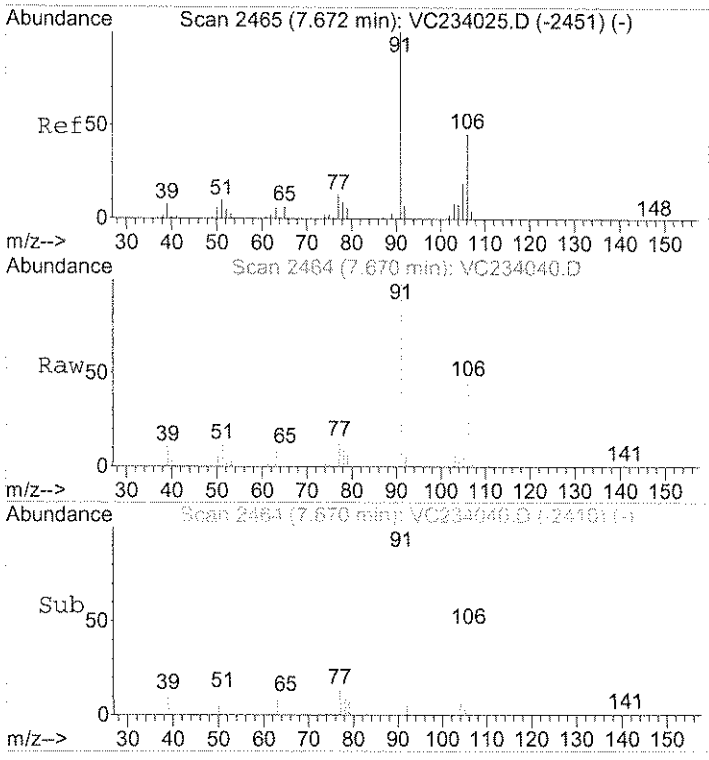


#75
M/P-XYLENES
Concen: 2.62 UG/L
RT: 7.29 min Scan# 2328
Delta R.T. -0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 91 Resp: 45725

Ion	Ratio	Lower	Upper
91	100		
106	48.5	37.0	55.4

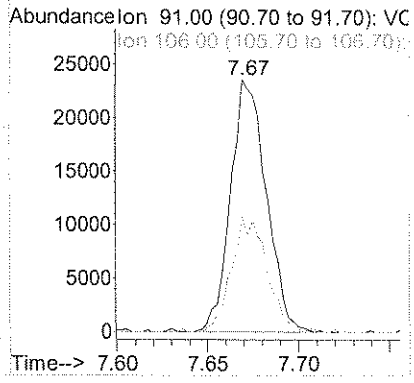


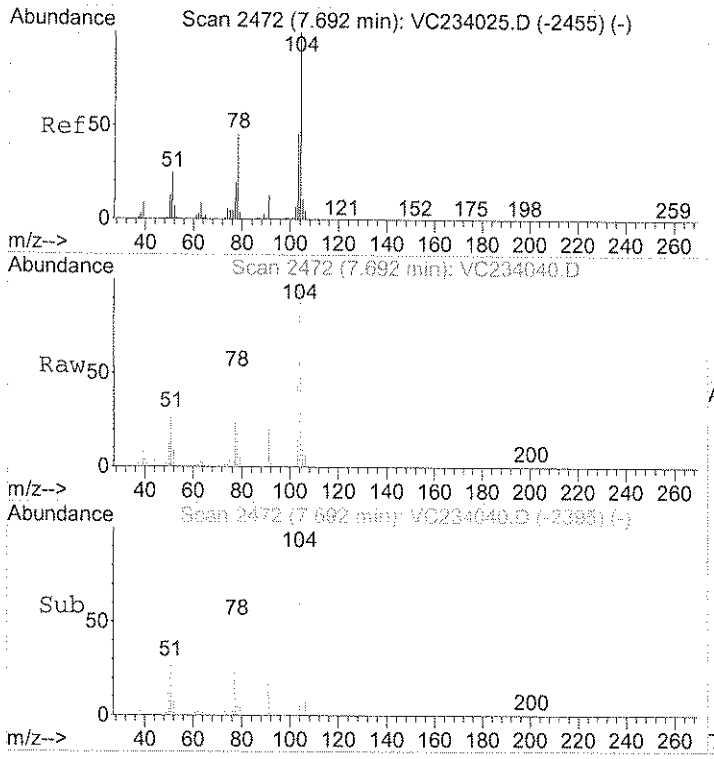


#76
O-XYLENE
Concen: 1.76 UG/L
RT: 7.67 min Scan# 2464
Delta R.T. -0.01 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 91 Resp: 32270

Ion	Ratio	Lower	Upper
91	100		
106	44.9	35.5	53.3

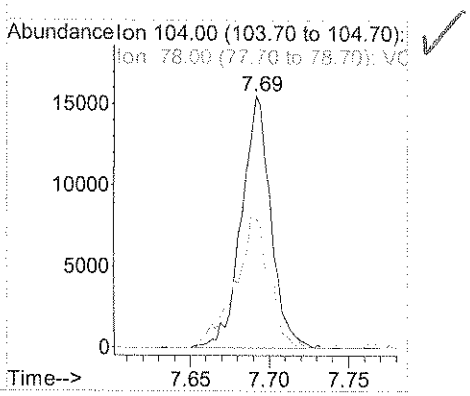


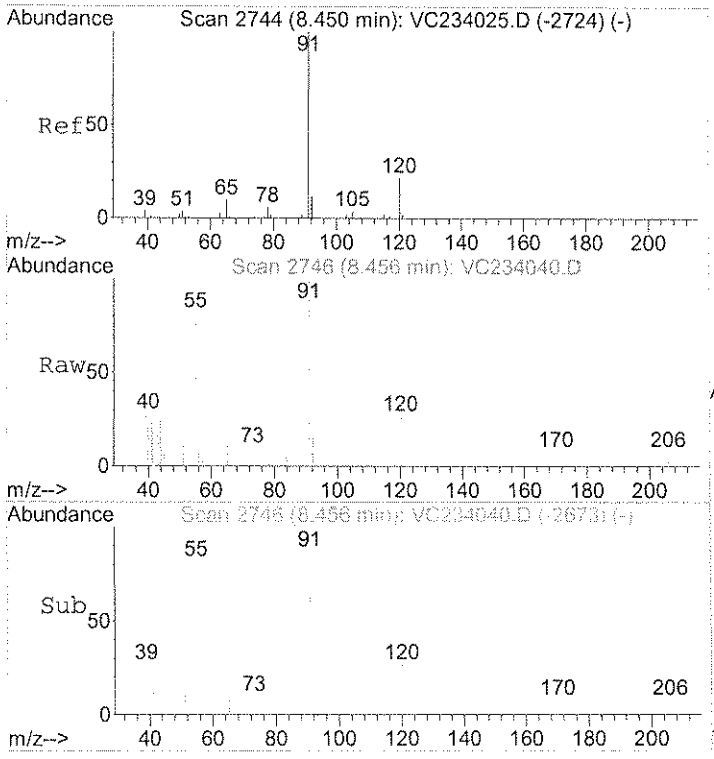


#77
STYRENE
Concen: 1.44 UG/L
RT: 7.69 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion:104 Resp: 19994

Ion	Ratio	Lower	Upper
104	100		
78	60.7	44.2	66.2

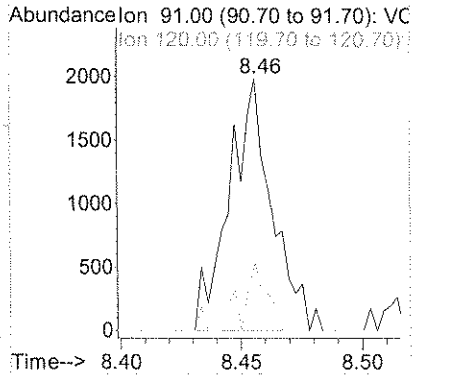


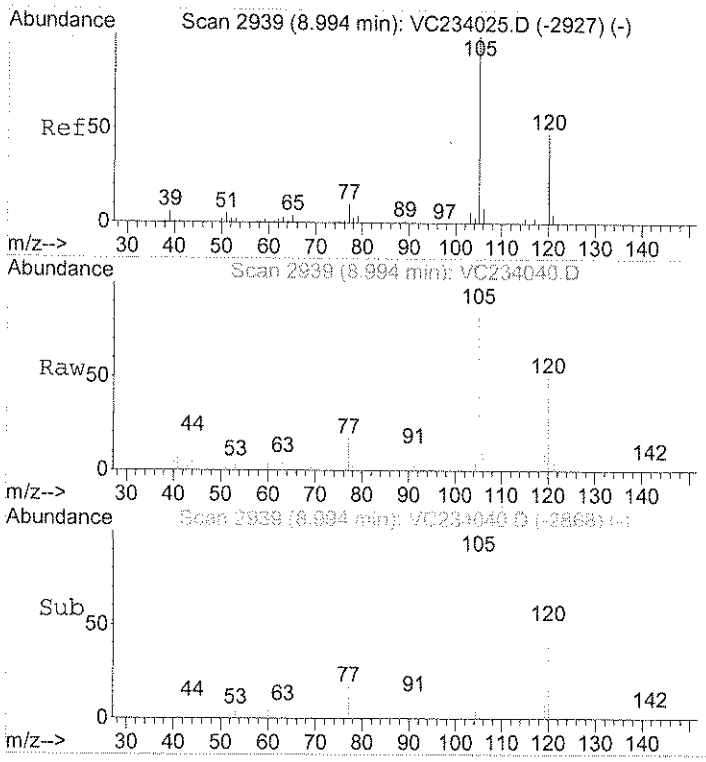


#85
N-PROPYLBENZENE
Concen: 0.10 UG/L
RT: 8.46 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion: 91 Resp: 2465

Ion	Ratio	Lower	Upper
91	100		
120	0.0	17.0	25.6#

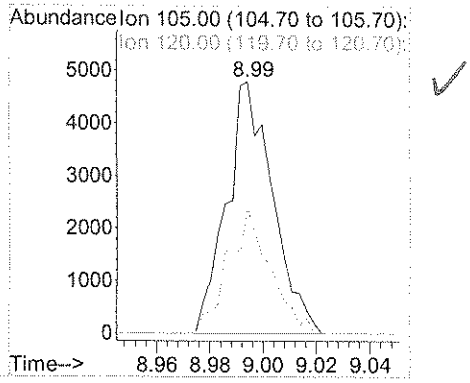


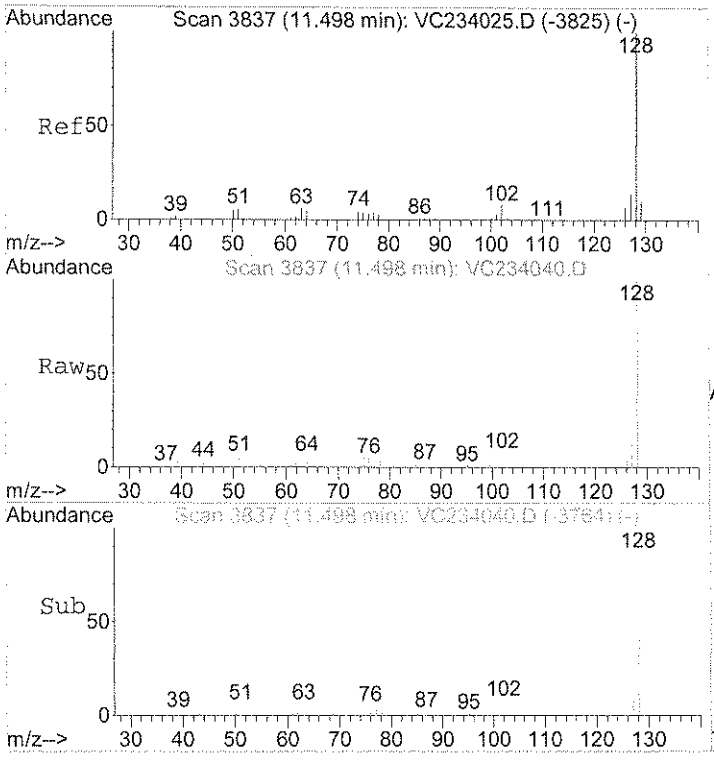


#91
1,2,4-TRIMETHYLBENZENE
Concen: 0.33 UG/L
RT: 8.99 min Scan# 2939
Delta R.T. -0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion:105 Resp: 5799

Ion	Ratio	Lower	Upper
105	100		
120	45.1	36.3	54.5

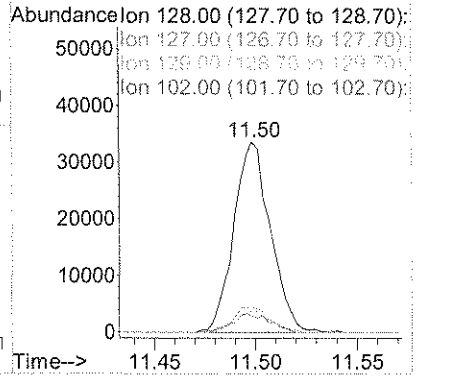




#102
NAPHTHALENE
Concen: 3.31 UG/L
RT: 11.50 min Scan# 3837
Delta R.T. 0.00 min
Lab File: VC234040.D
Acq: 23 Aug 2011 6:30 am

Tgt Ion:128 Resp: 42557

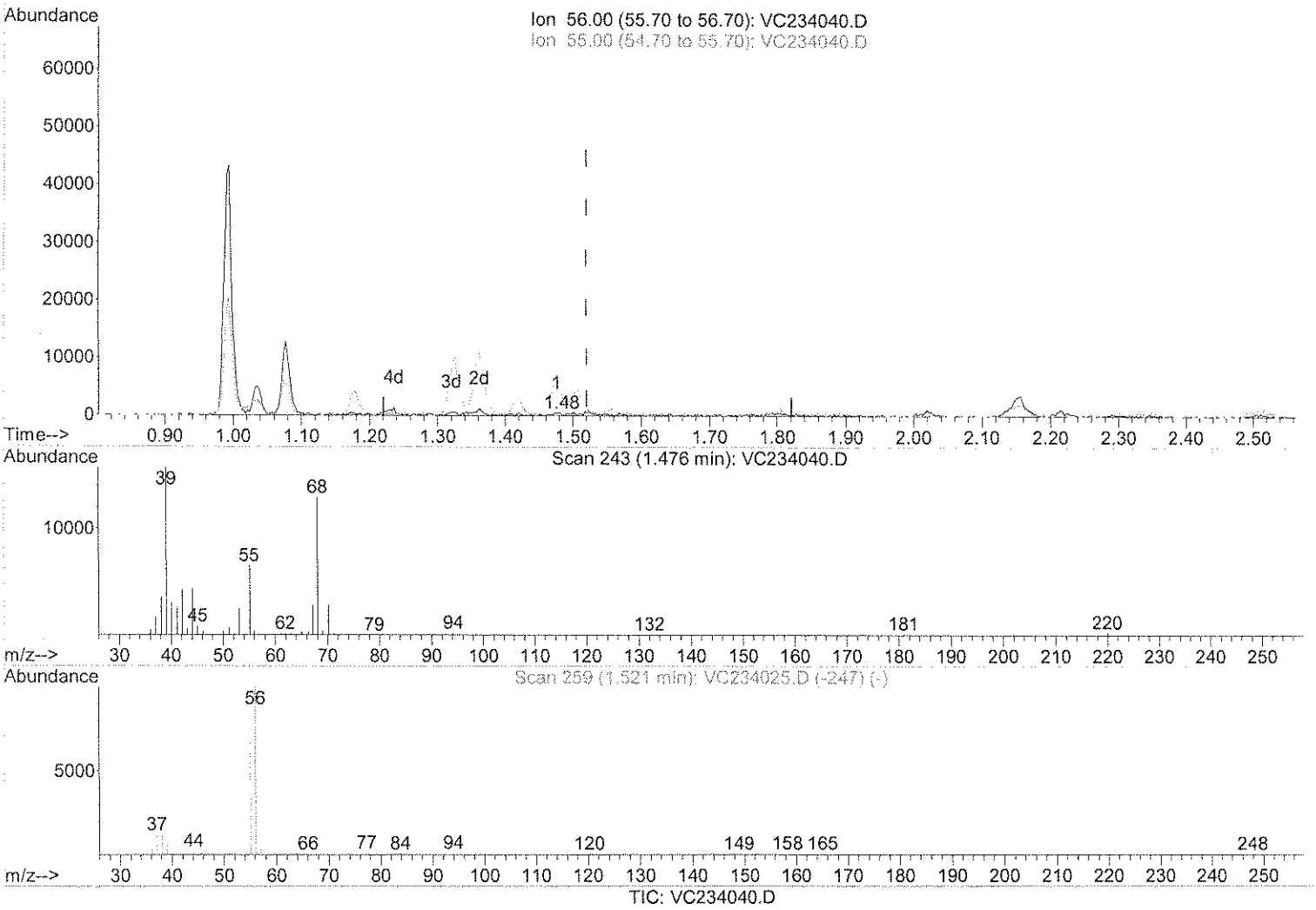
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	11.4	8.7	13.1
102	9.8	7.1	10.7



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234040.D

(13) ACROLEIN

1.476min (-0.045) 1.33UG/L

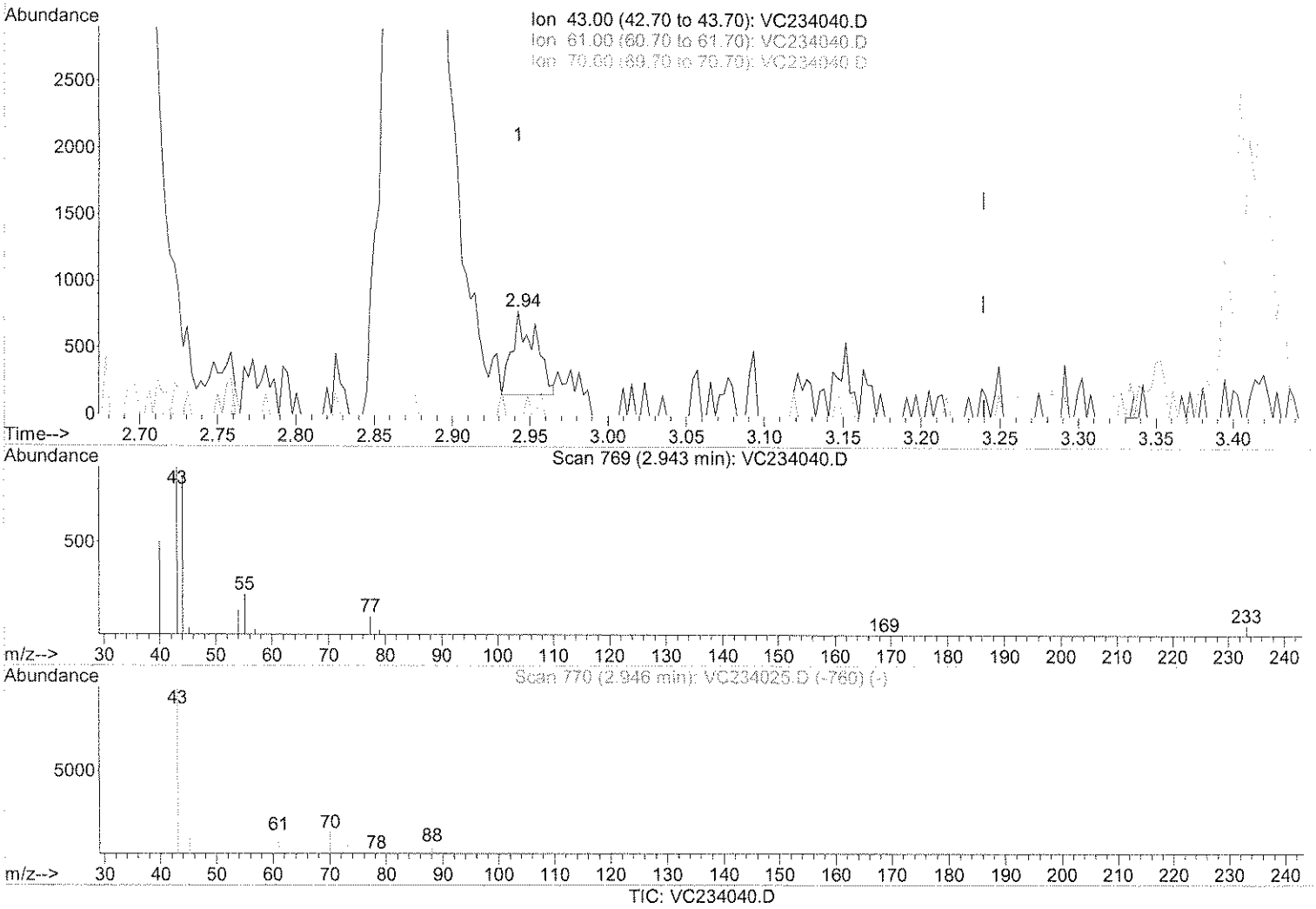
response 514

Ion	Exp%	Act%
56.00	100	100
55.00	75.70	1480.74#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234040.D

(35) ETHYL ACETATE

2.943min (+0.003) 0.14UG/L

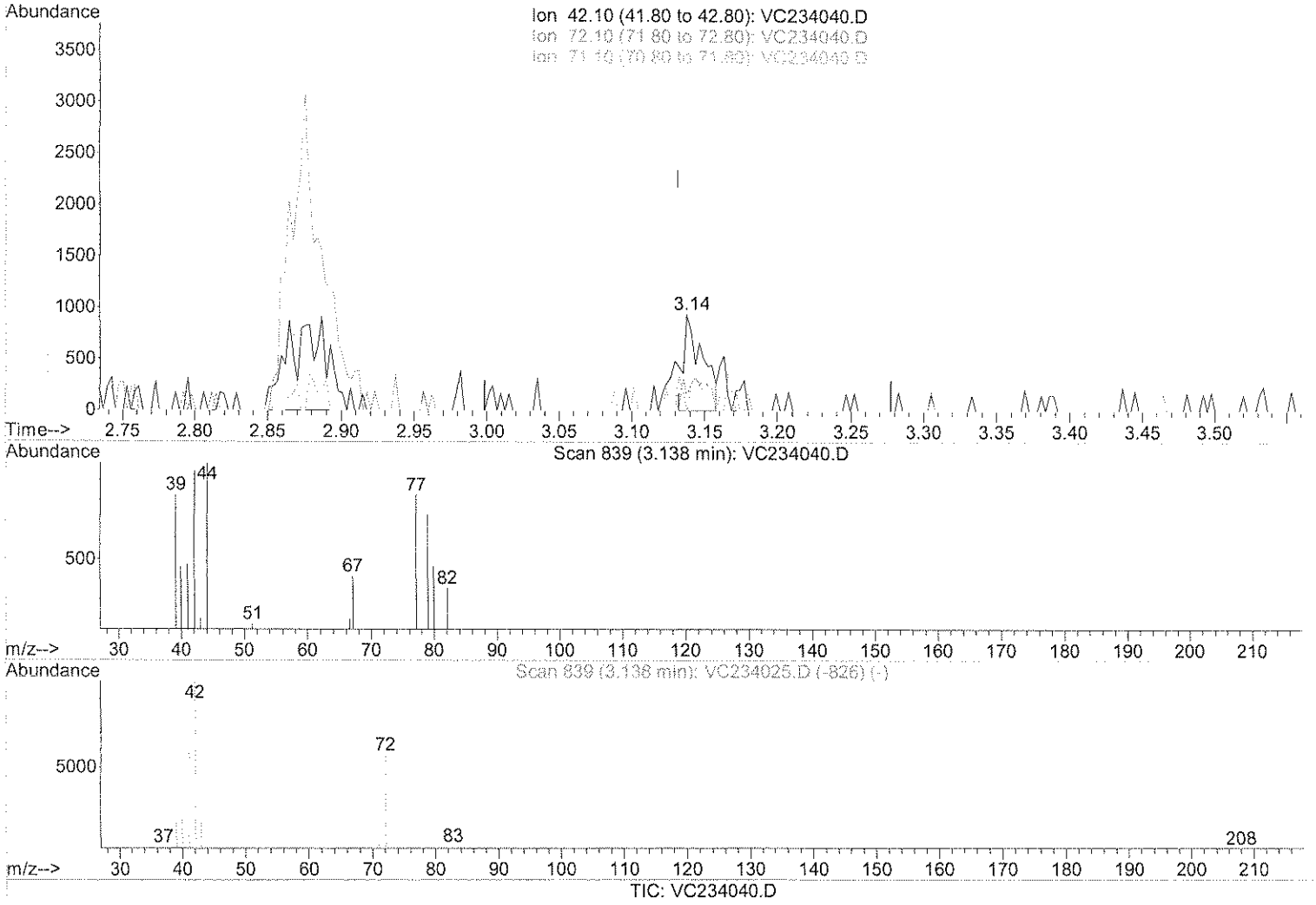
response 658

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234040.D

(39) TETRAHYDROFURAN

3.138min (+0.006) 0.95UG/L

response 1095

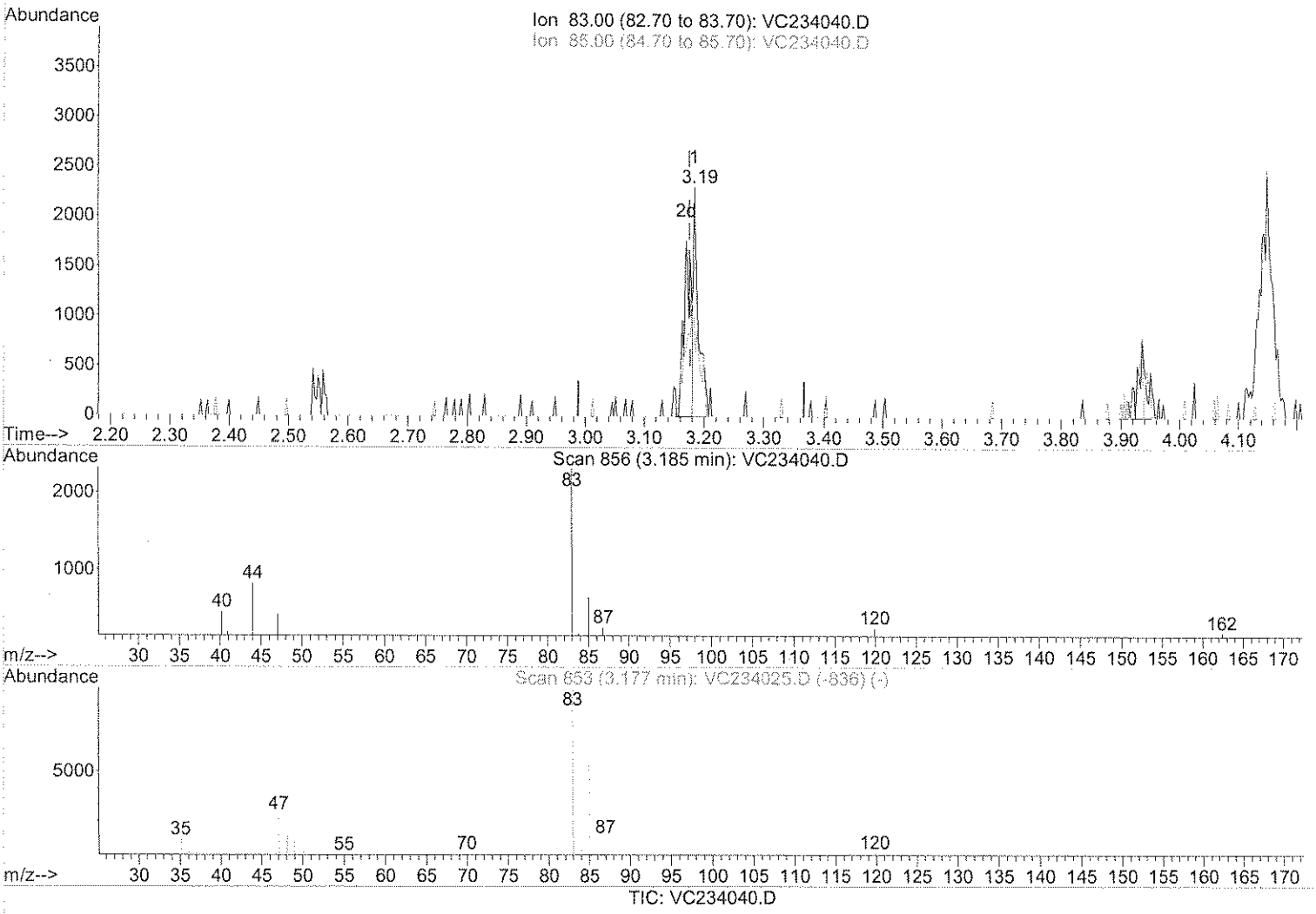
Ion	Exp%	Act%
42.10	100	100
72.10	46.80	0.00#
71.10	41.30	0.00#
0.00	0.00	0.00

3

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234040.D

(40) CHLOROFORM (C)

3.185min (+0.008) 0.15UG/L

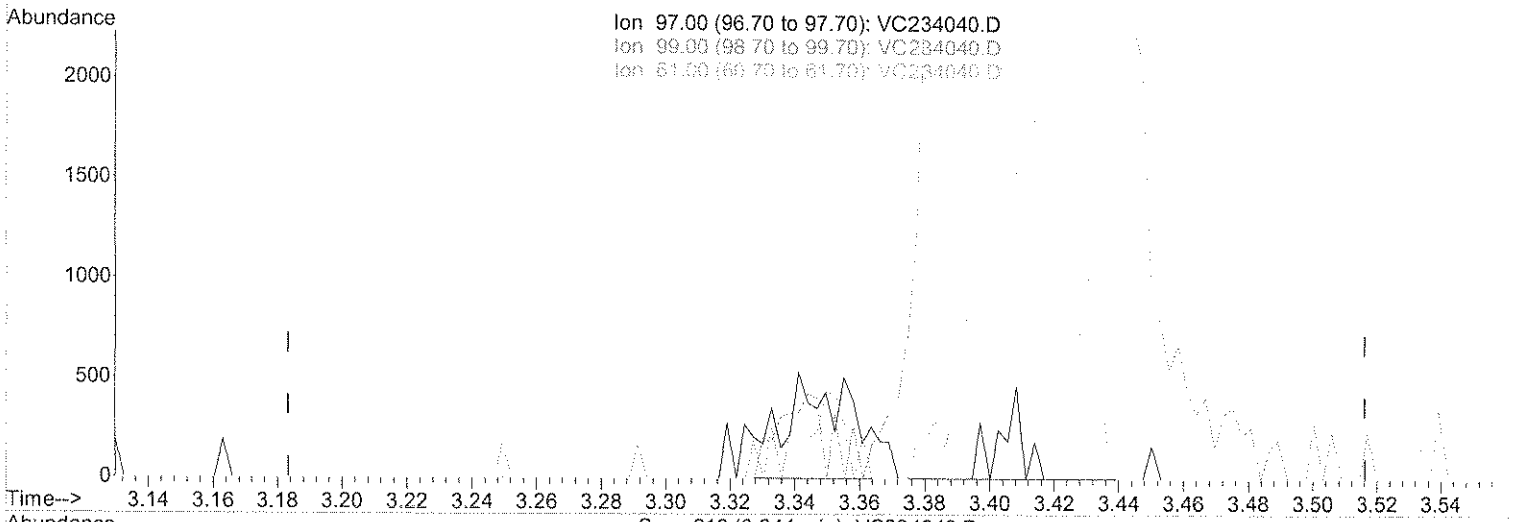
response 1366

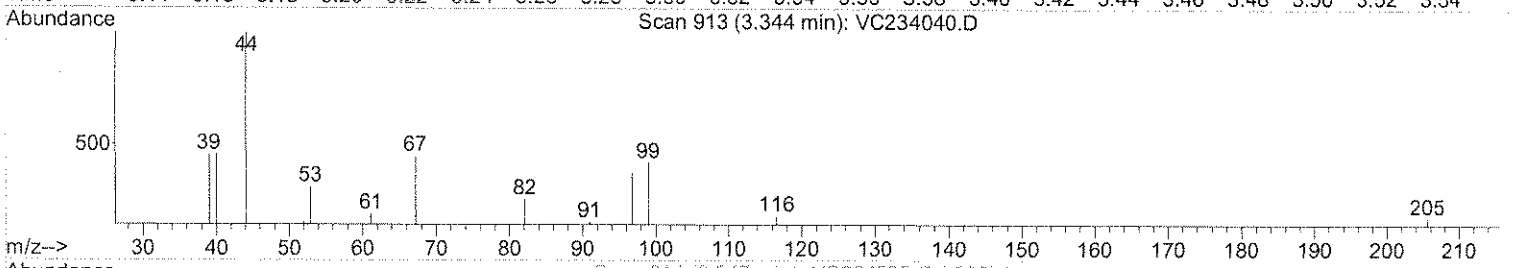
Ion	Exp%	Act%
83.00	100	100
85.00	63.00	132.94#
0.00	0.00	0.00
0.00	0.00	0.00

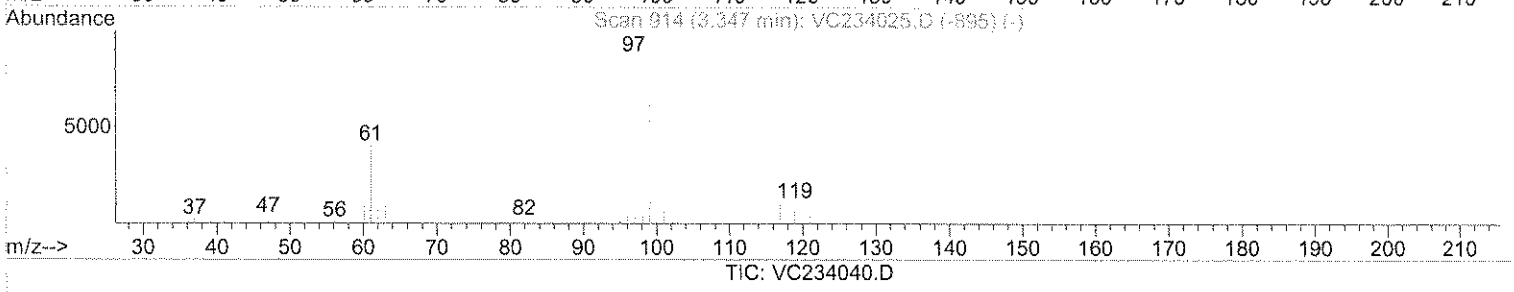
3

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234040.D

(41) 1,1,1-TRICHLOROETHANE

3.344min (-3.344) 0.00UG/L

response 0

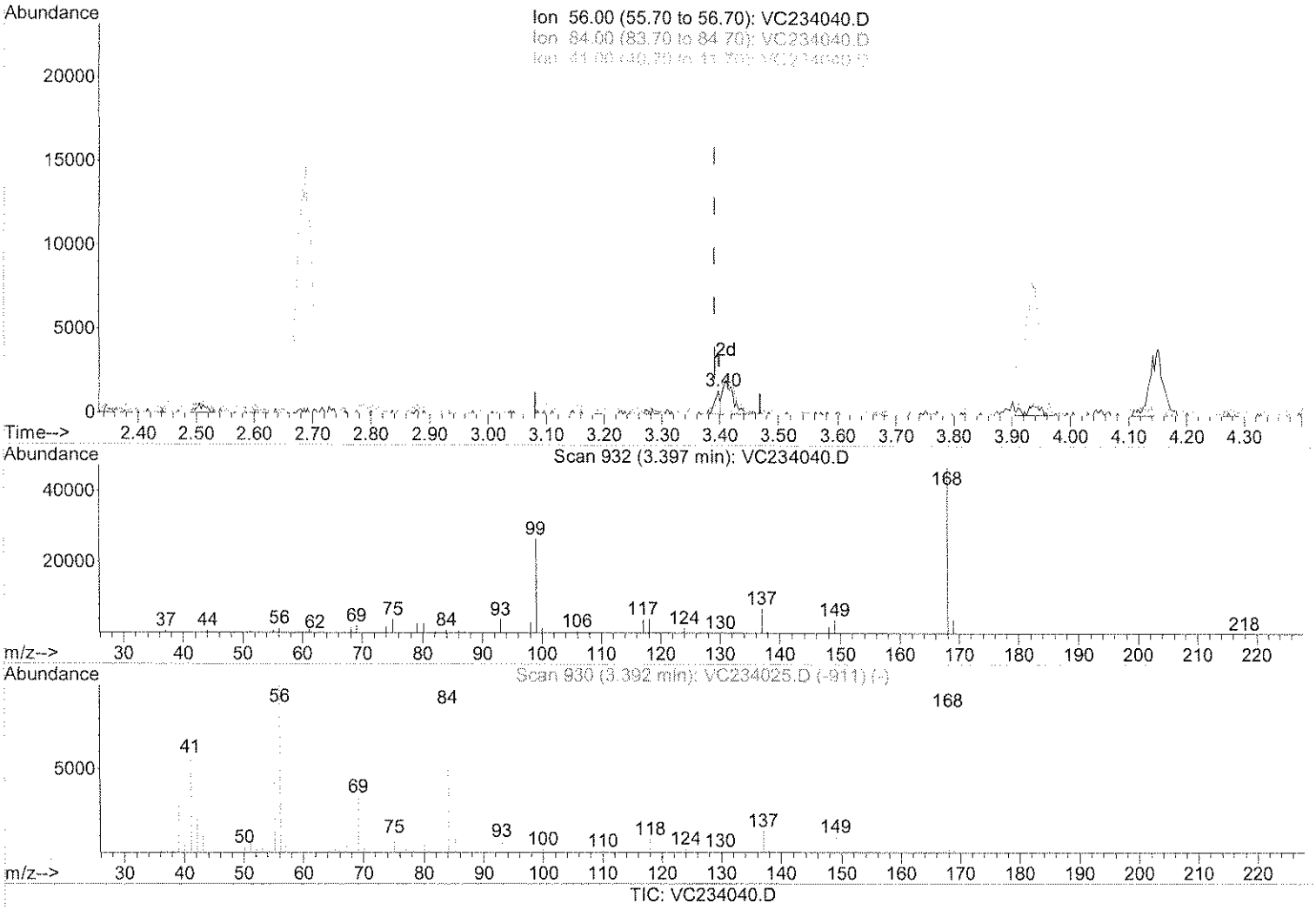
Ion	Exp%	Act%
97.00	100	0.00
99.00	64.20	0.00#
61.00	40.20	0.00#
0.00	0.00	0.00

3

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(42) CYCLOHEXANE

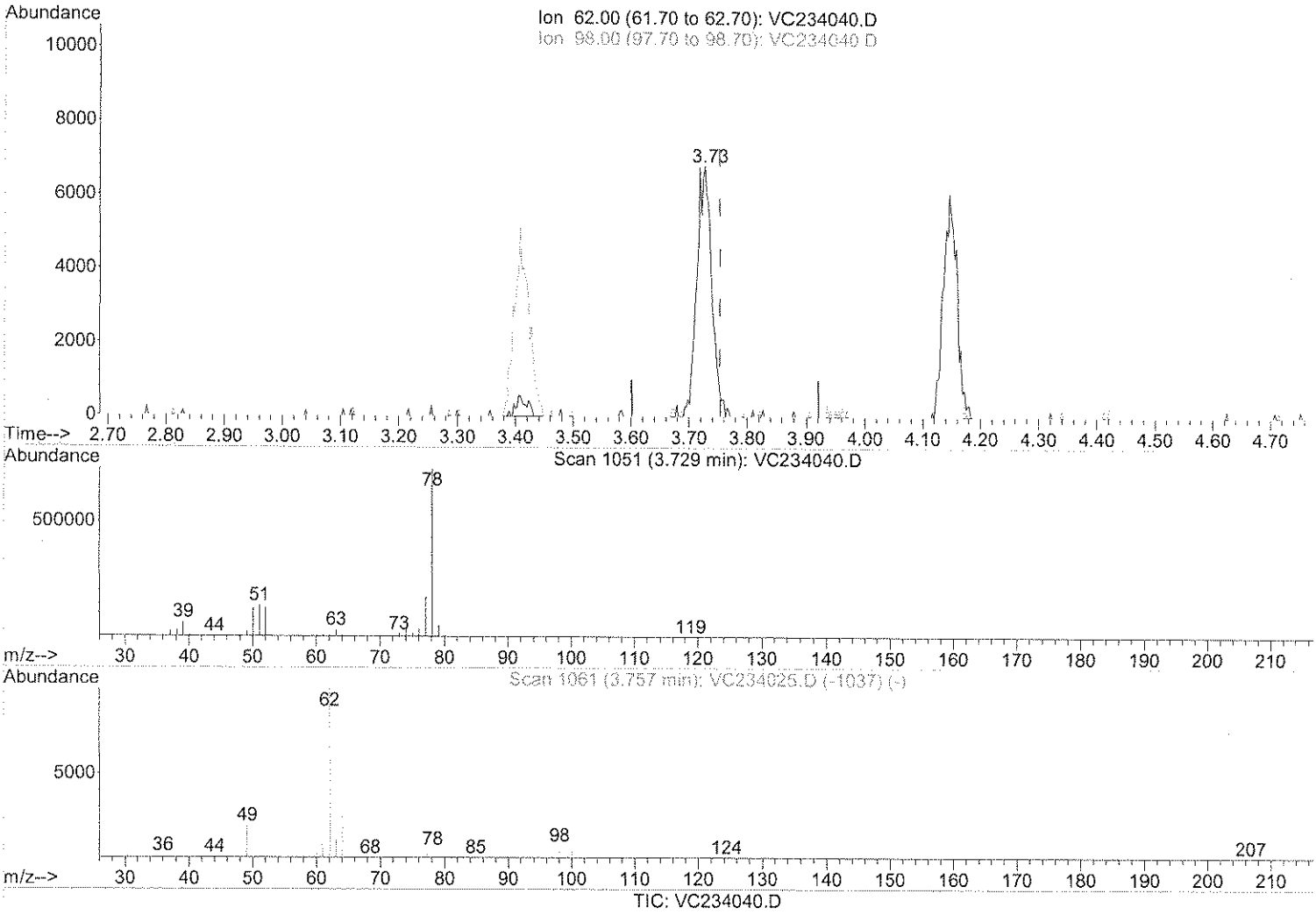
3.397min (+0.006) 0.13UG/L

response 860

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	0.00#
41.00	62.90	63.02
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(50) 1,2-DICHLOROETHANE

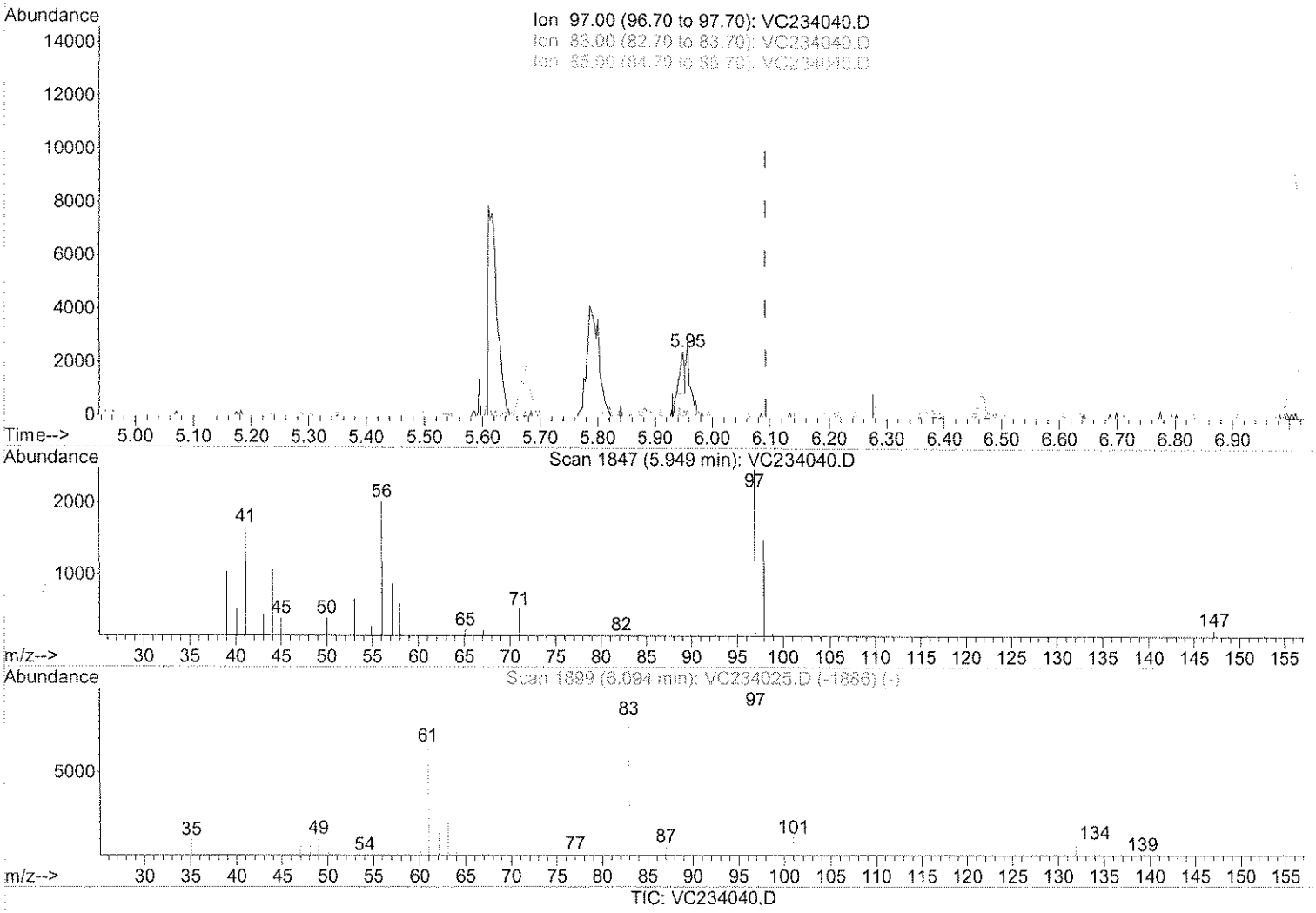
3.729min (-0.025) 1.54UG/L

response 12125

Ion	Exp%	Act%
62.00	100	100
98.00	6.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(64) 1,1,2-TRICHLOROETHANE

5.949min (-0.145) 0.19UG/L

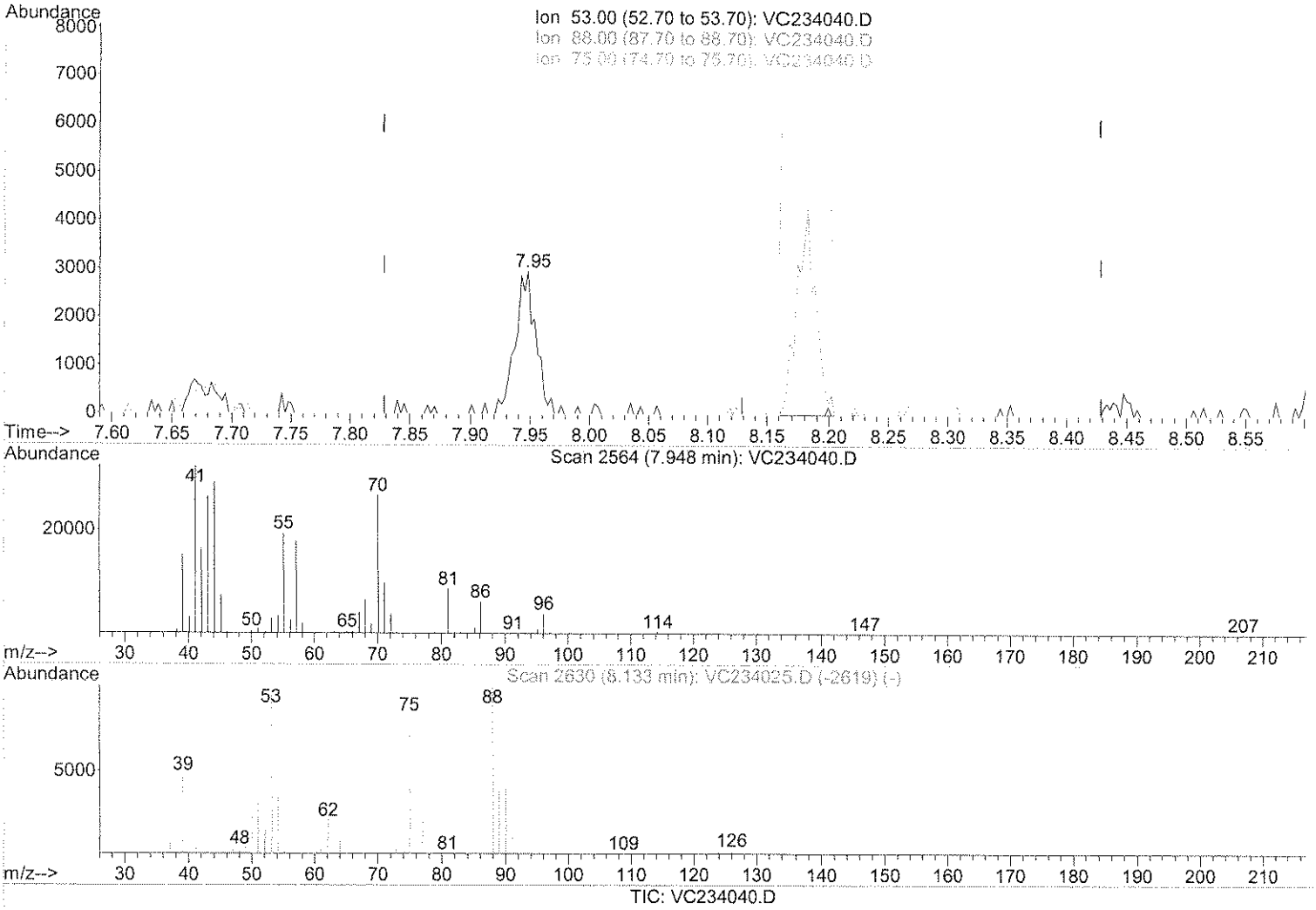
response 826

Ion	Exp%	Act%
97.00	100	100
83.00	85.10	0.00#
85.00	53.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234040.D

(80) CIS-1,4-DICHLORO-2-BUTENE

7.948min (-0.181) 2.53UG/L

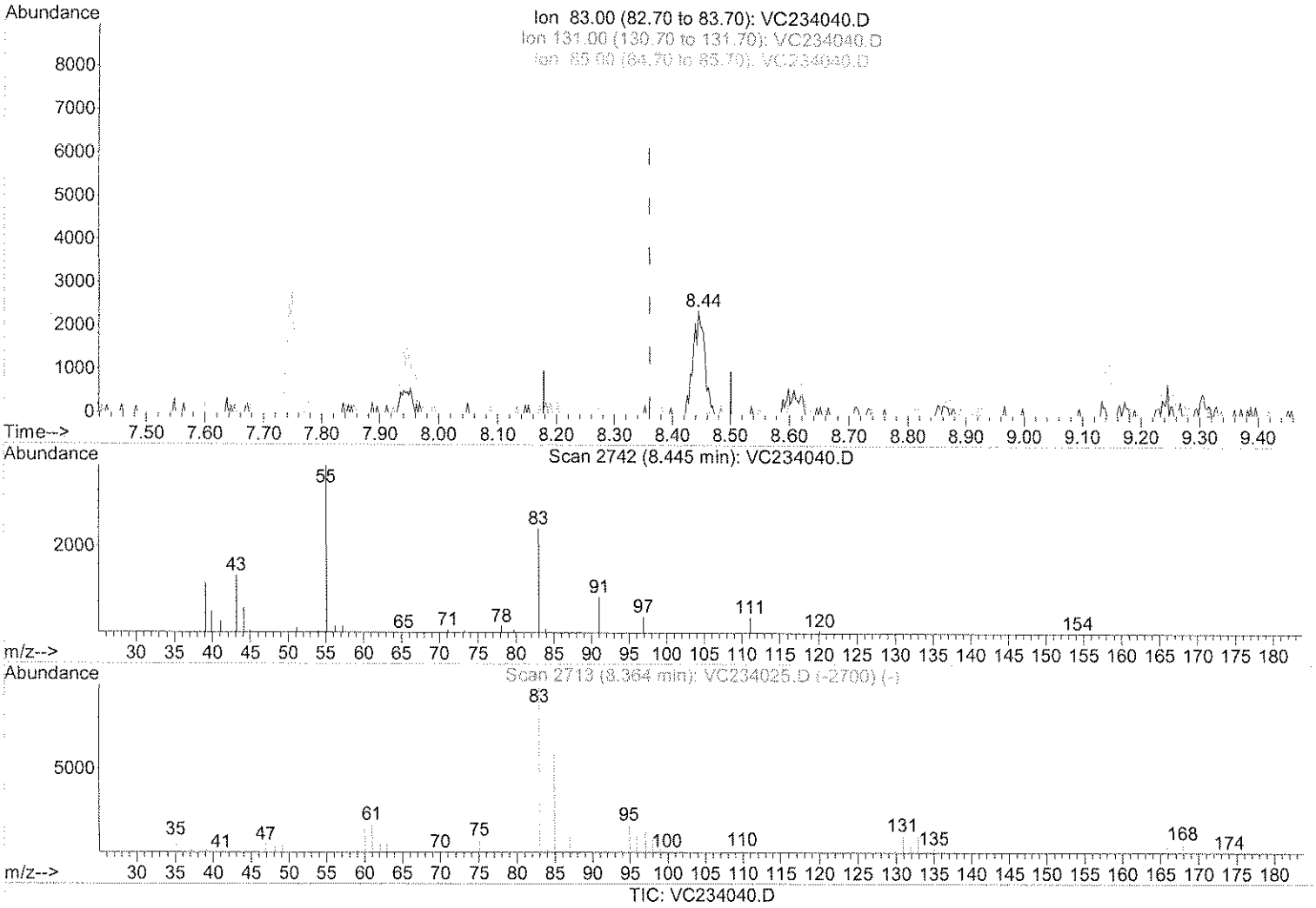
response 3582

Ion	Exp%	Act%
53.00	100	100
88.00	127.40	0.00#
75.00	99.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234040.D

(81) 1,1,2,2-TETRACHLOROETHANE (P)

8.445min (+0.084) 0.59UG/L

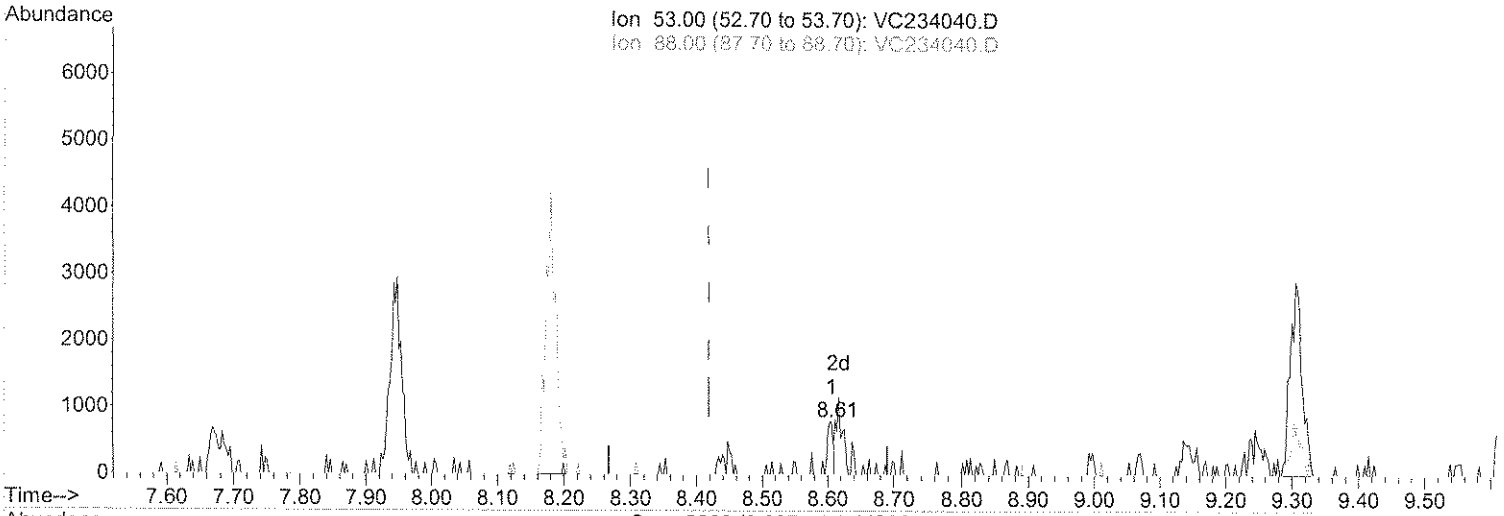
response 3269

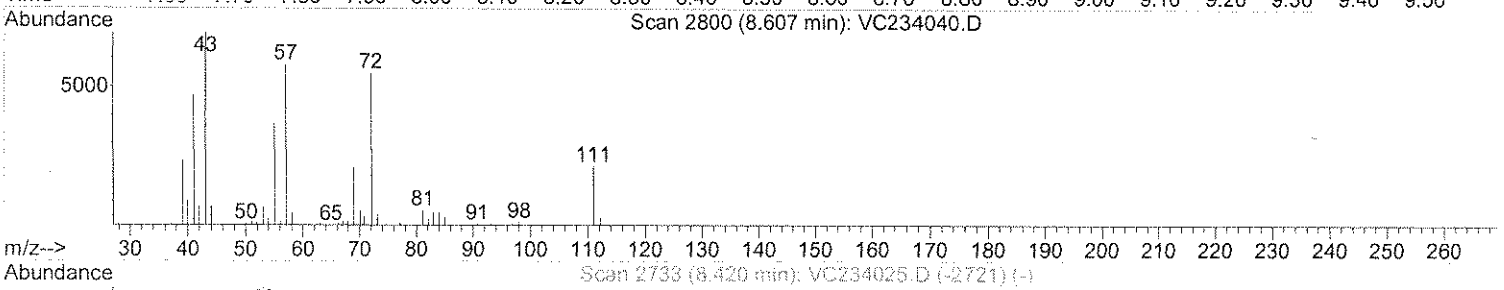
Ion	Exp%	Act%
83.00	100	100
131.00	9.90	0.00#
85.00	62.10	0.00#
0.00	0.00	0.00

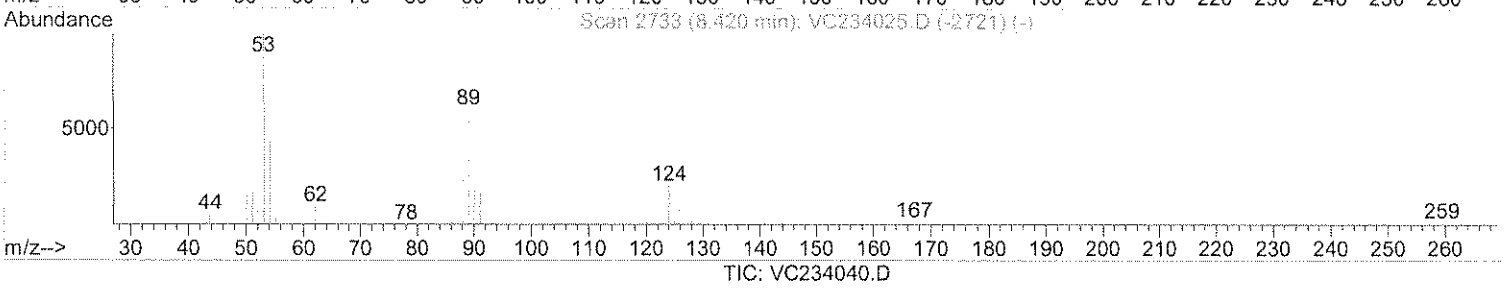
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234040.D
Acq On : 23 Aug 2011 6:30 am
Operator :
Sample : 11H0747-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 23 12:06:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234040.D

(82) 1,4-DICHLORO-2-BUTENE(TRANS)

8.607min (+0.187) 0.32UG/L

response 505

Ion	Exp%	Act%
53.00	100	100
88.00	58.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-03	File ID:	VC234041.D
Sampled:	08/16/11 10:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 07:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-03	File ID:	VC234041.D
Sampled:	08/16/11 10:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 07:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene	2.7	0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-03	File ID:	VC234041.D
Sampled:	08/16/11 10:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 07:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-03	File ID:	VC234041.D
Sampled:	08/16/11 10:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 07:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene	7.1	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:41:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

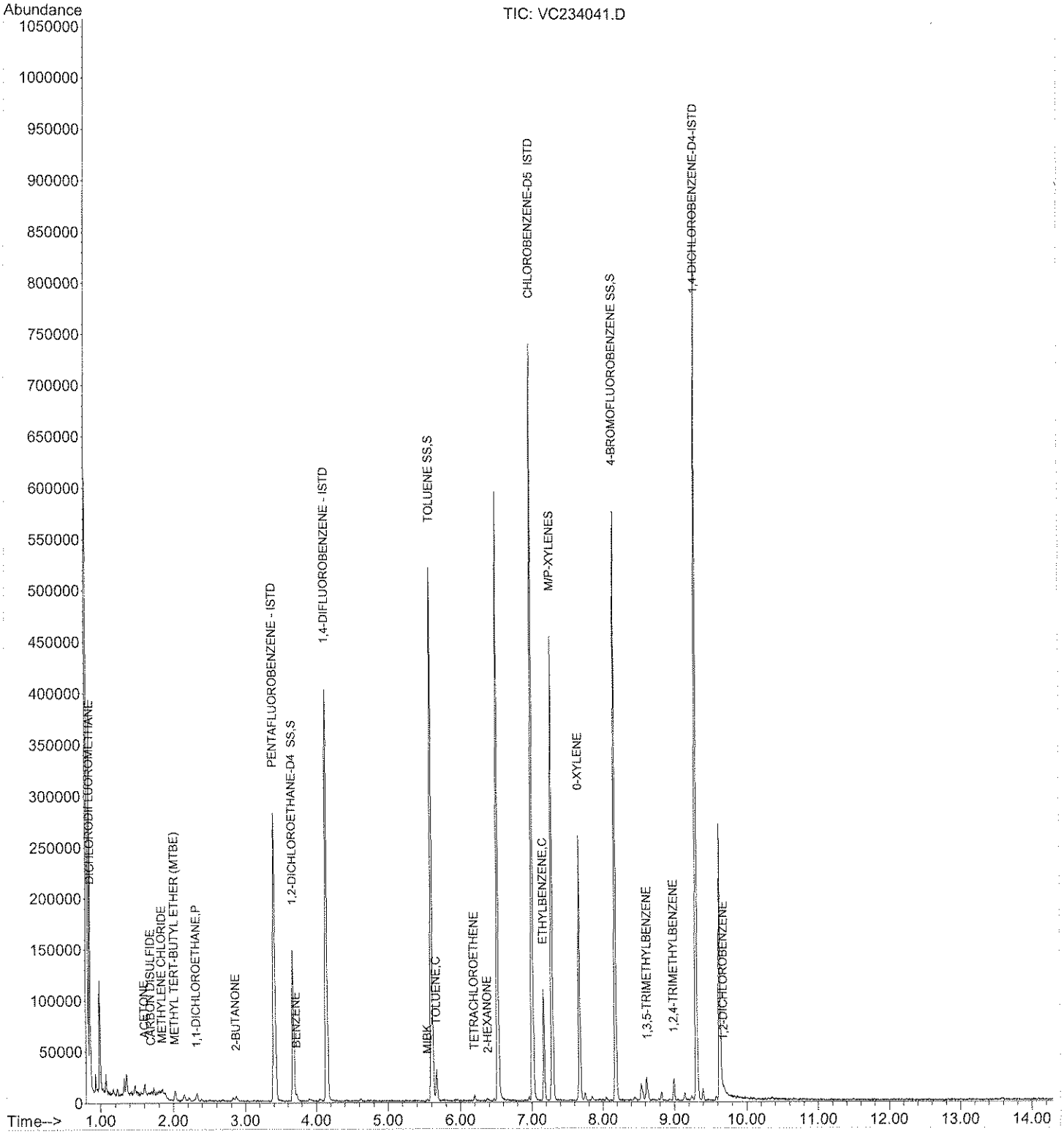
CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

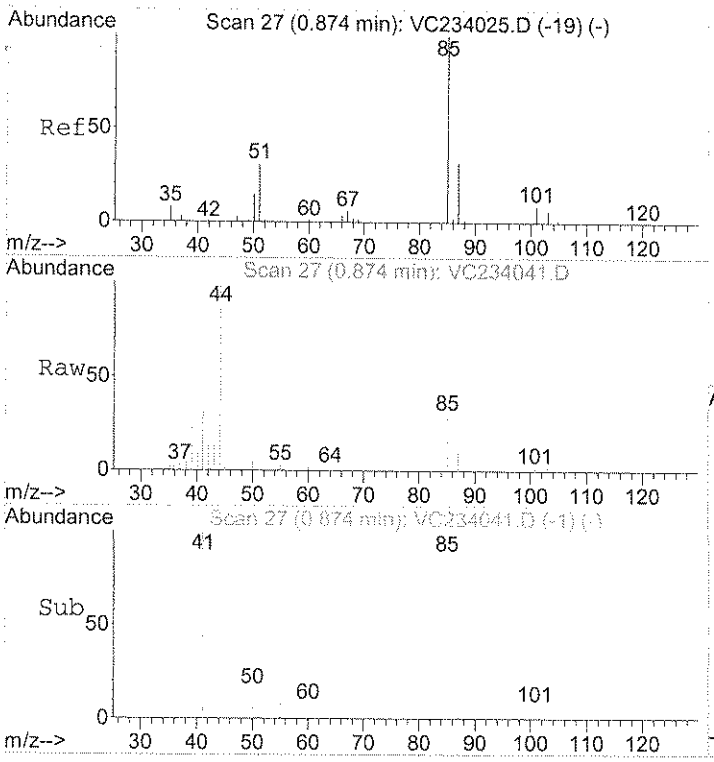
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	189103	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.14	114	299407	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.02	82	186651	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	193699	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	101901	25.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.88%				
49) TOLUENE SS	5.61	98	300107	25.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	149029	24.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	2892	0.47	UG/L	#	88
14) ACETONE	1.61	43	9248	9.10	UG/L		94
23) METHYLENE CHLORIDE	1.85	49	1470	0.27	UG/L	#	82
24) CARBON DISULFIDE	1.69	76	1636	0.16	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.02	73	6785	0.50	UG/L	#	57
27) 1,1-DICHLOROETHANE	2.33	63	6144	0.73	UG/L		95
31) 2-BUTANONE	2.88	43	5678m	3.18	UG/L		
45) BENZENE	3.72	78	4659m	0.26	UG/L		
59) MIBK	5.54	43	889m	0.23	UG/L		
61) TOLUENE	5.67	91	18073	0.91	UG/L		91
65) 2-HEXANONE	6.38	43	1288	0.47	UG/L	#	26
66) TETRACHLOROETHENE	6.20	166	939	0.17	UG/L	#	22
74) ETHYLBENZENE	7.17	91	62308	2.72	UG/L		100
75) M/P-XYLENES	7.29	91	228442	12.97	UG/L		100
76) O-XYLENE	7.67	91	130708	7.08	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.64	105	3071	0.18	UG/L		87
91) 1,2,4-TRIMETHYLBENZENE	9.00	105	10024	0.58	UG/L		100
97) 1,2-DICHLOROBENZENE	9.69	146	1287	0.12	UG/L	#	71

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

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:41:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

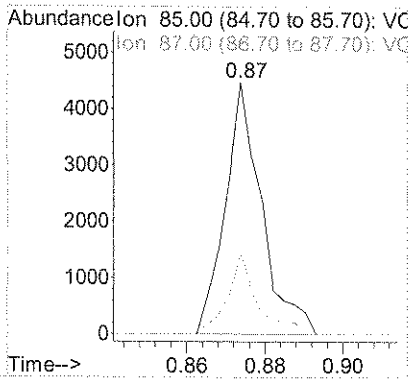


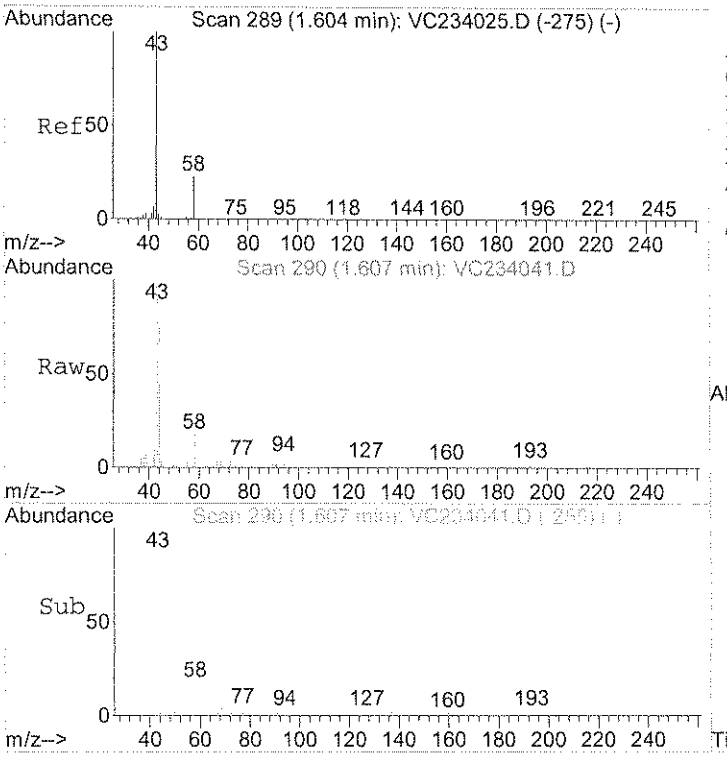


#3
DICHLORODIFLUOROMETHANE
Concen: 0.47 UG/L
RT: 0.87 min Scan# 27
Delta R.T. 0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 85 Resp: 2892

Ion	Ratio	Lower	Upper
85	100		
87	25.8	26.2	39.4#

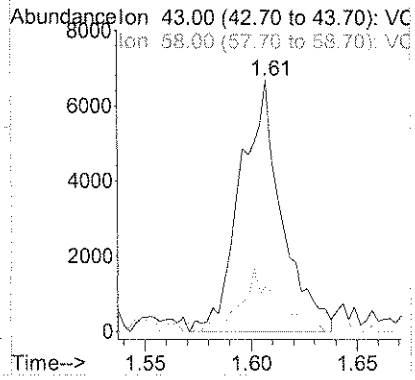


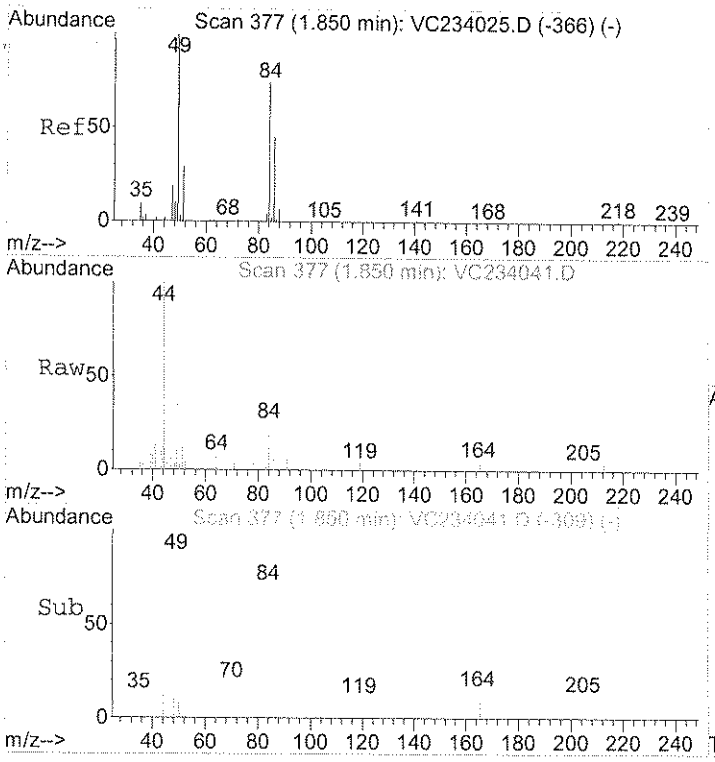


#14
ACETONE
Concen: 9.10 UG/L
RT: 1.61 min Scan# 290
Delta R.T. 0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 43 Resp: 9248

Ion	Ratio	Lower	Upper
43	100		
58	22.1	20.2	30.2

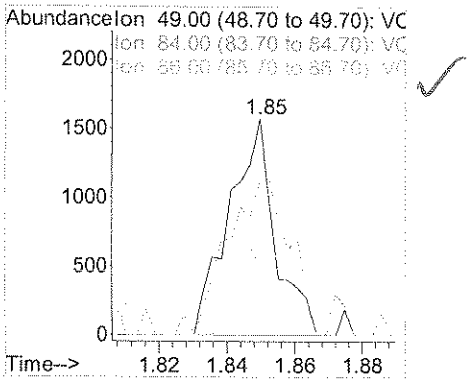


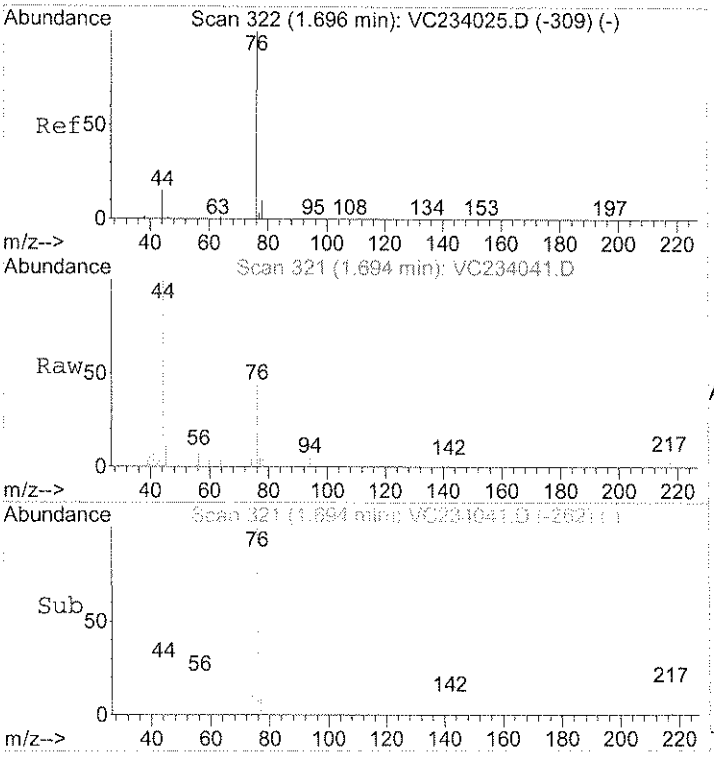


#23
METHYLENE CHLORIDE
Concen: 0.27 UG/L
RT: 1.85 min Scan# 377
Delta R.T. 0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 49 Resp: 1470

Ion	Ratio	Lower	Upper
49	100		
84	97.1	63.0	94.6#
86	40.3	39.1	58.7

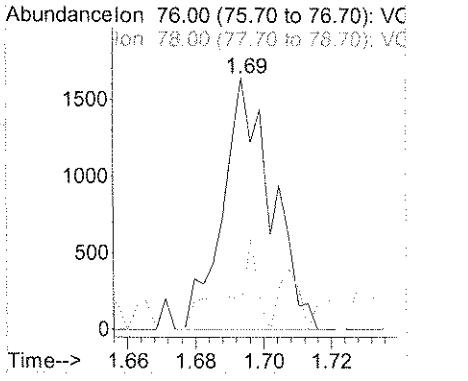


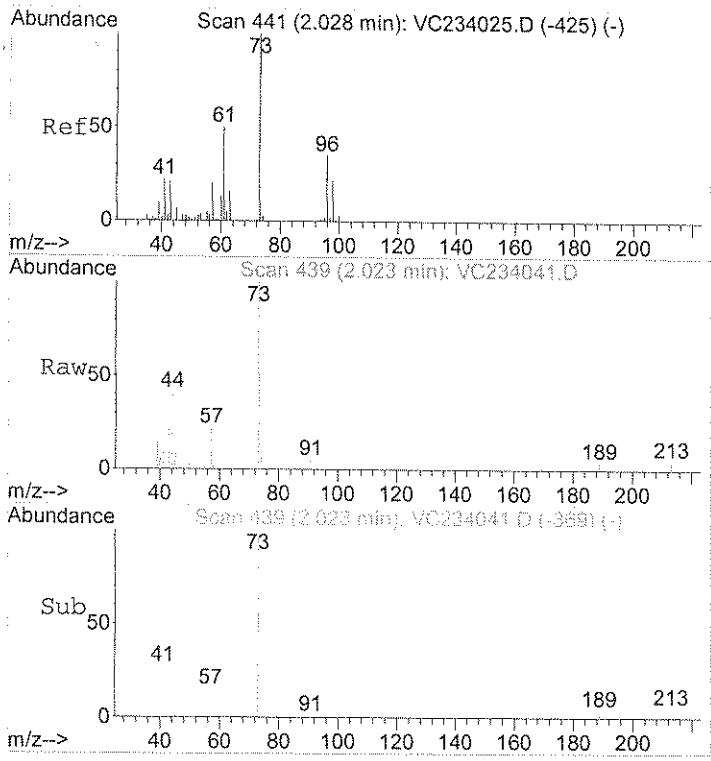


#24
CARBON DISULFIDE
Concen: 0.16 UG/L
RT: 1.69 min Scan# 321
Delta R.T. 0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 76 Resp: 1636

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

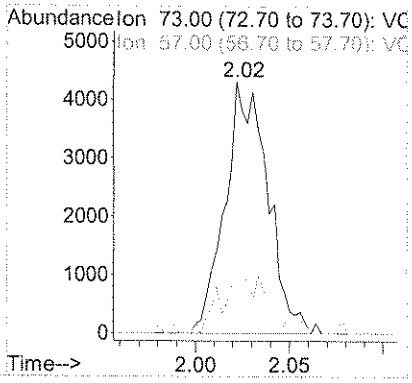


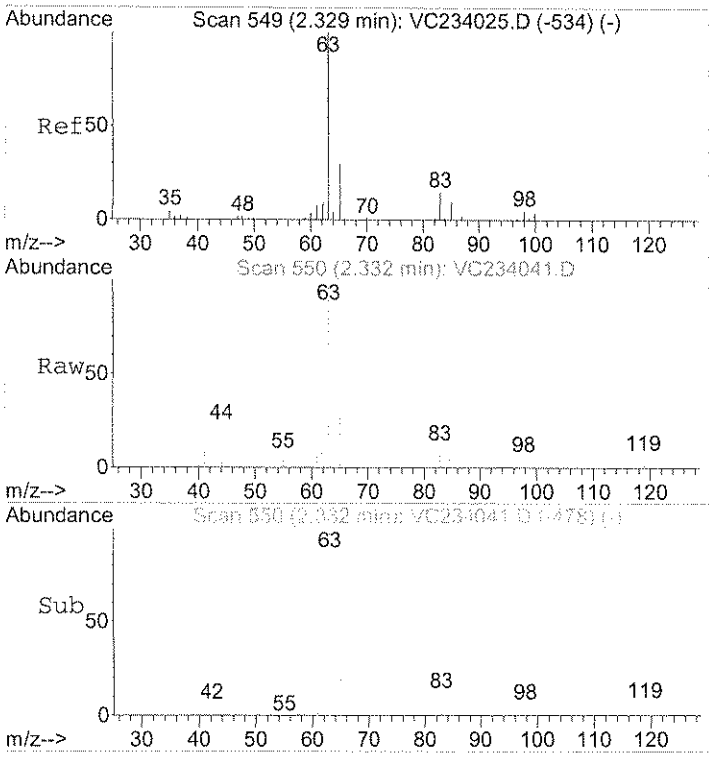


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.50 UG/L
RT: 2.02 min Scan# 439
Delta R.T. -0.01 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 73 Resp: 6785

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.8	23.8#

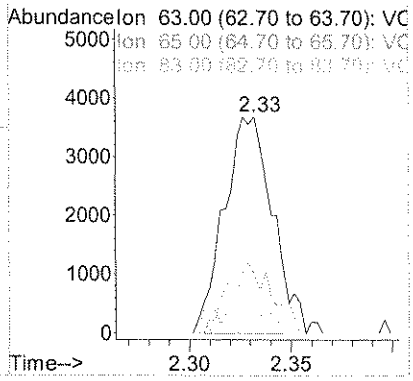


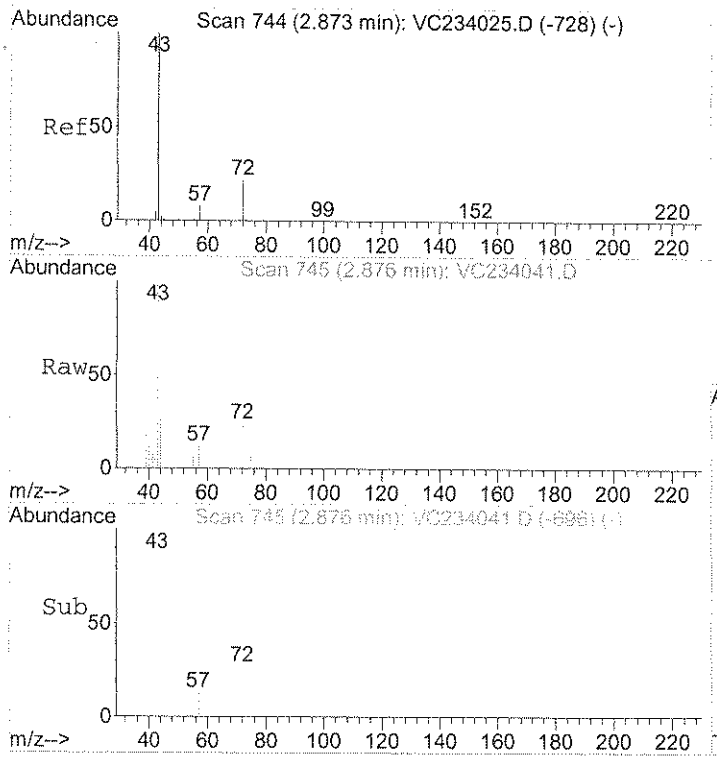


#27
1,1-DICHLOROETHANE
Concen: 0.73 UG/L
RT: 2.33 min Scan# 550
Delta R.T. 0.01 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 63 Resp: 6144

Ion	Ratio	Lower	Upper
63	100		
65	29.3	25.2	37.8
83	11.3	11.3	16.9

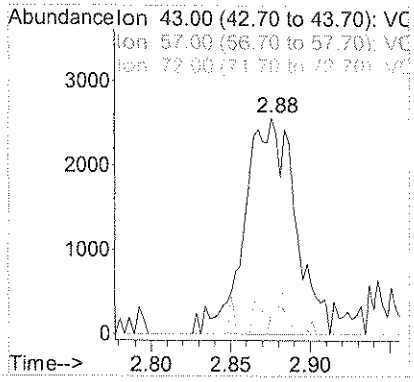


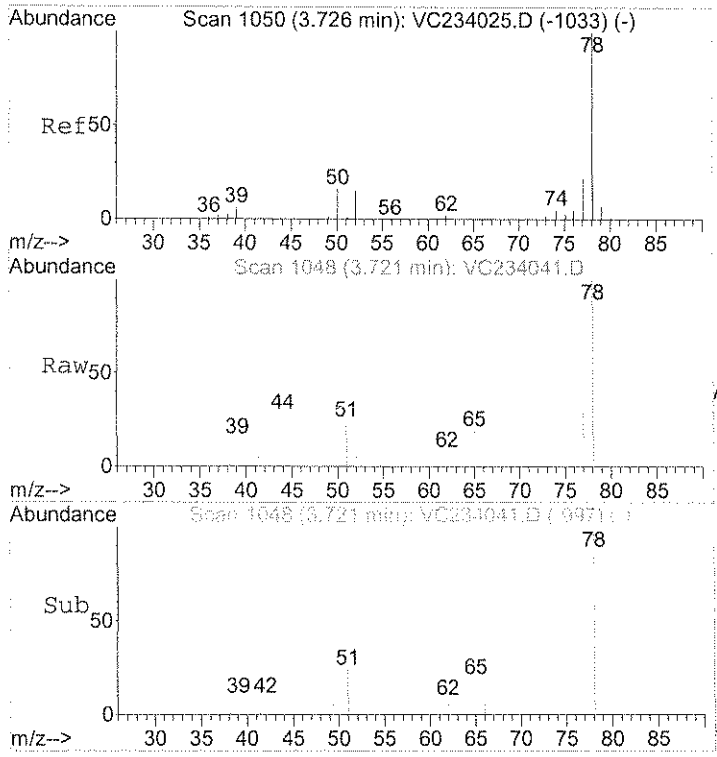


#31
2-BUTANONE
Concen: 3.18 UG/L m
RT: 2.88 min Scan# 745
Delta R.T. 0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 43 Resp: 5678

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	19.7	18.9	28.3

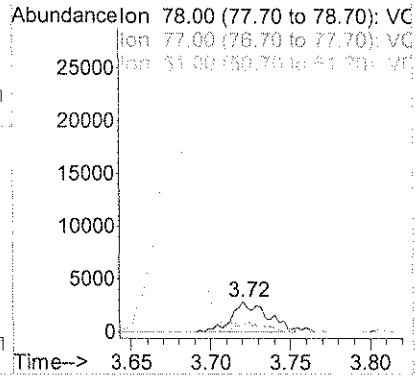


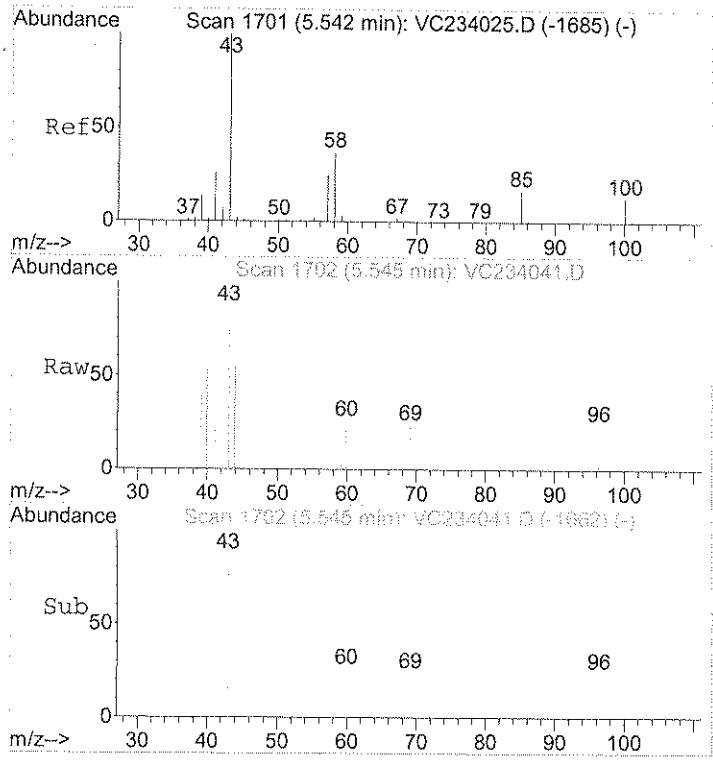


#45
BENZENE
Concen: 0.26 UG/L m
RT: 3.72 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 78 Resp: 4659

Ion	Ratio	Lower	Upper
78	100		
77	15.4	18.6	28.0#
51	686.4	17.1	25.7#

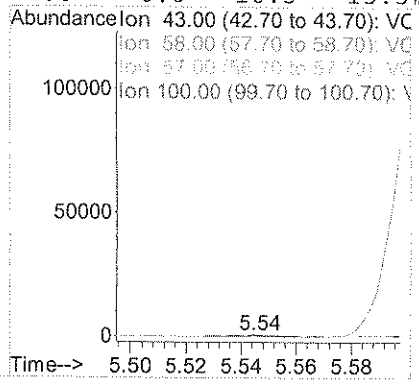


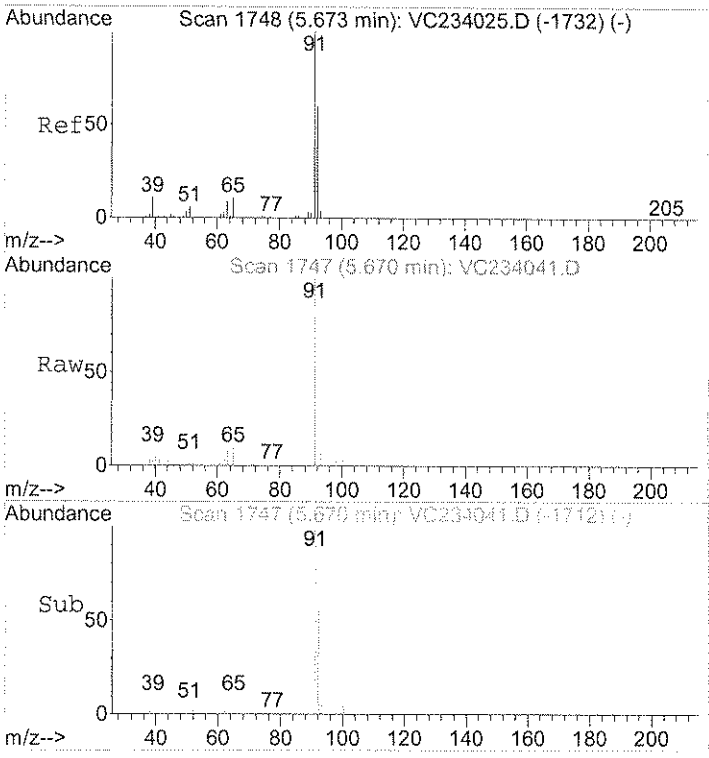


#59
MIBK
Concen: 0.23 UG/L m
RT: 5.54 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 43 Resp: 889

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.6	46.0#
57	0.0	20.2	30.2#
100	0.0	10.3	15.5#

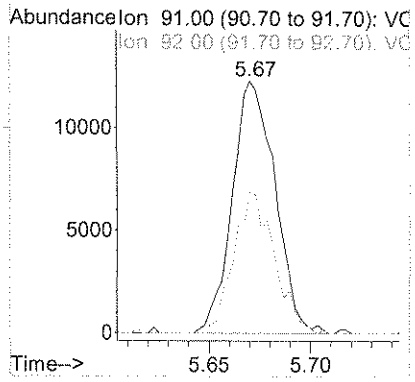


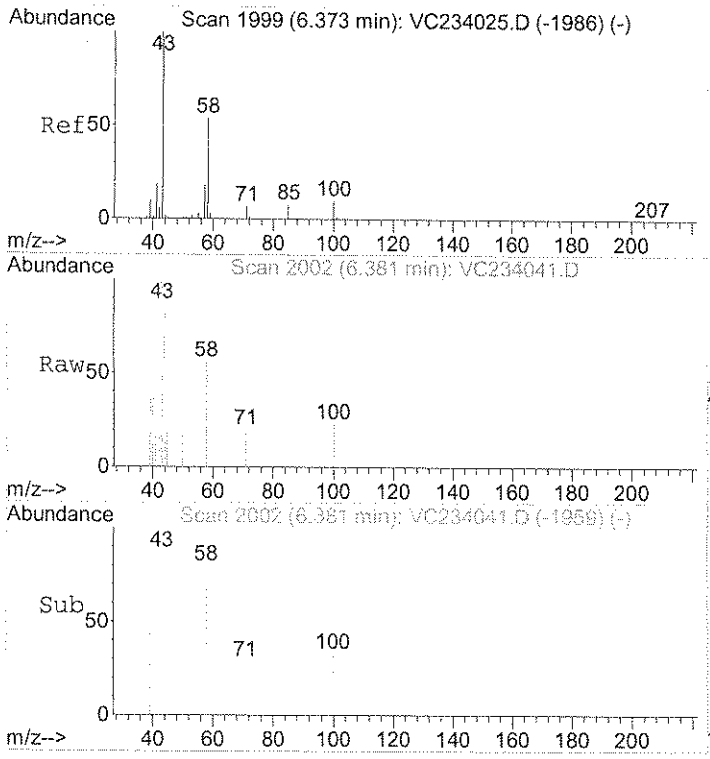


#61
TOLUENE
Concen: 0.91 UG/L
RT: 5.67 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 91 Resp: 18073

Ion	Ratio	Lower	Upper
91	100		
92	53.5	48.2	72.2

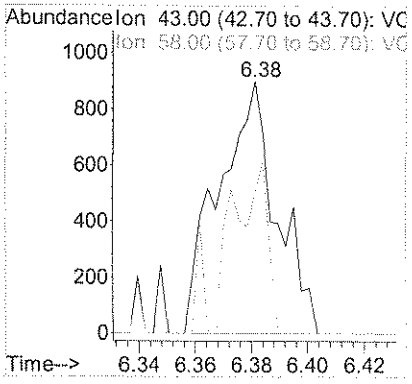


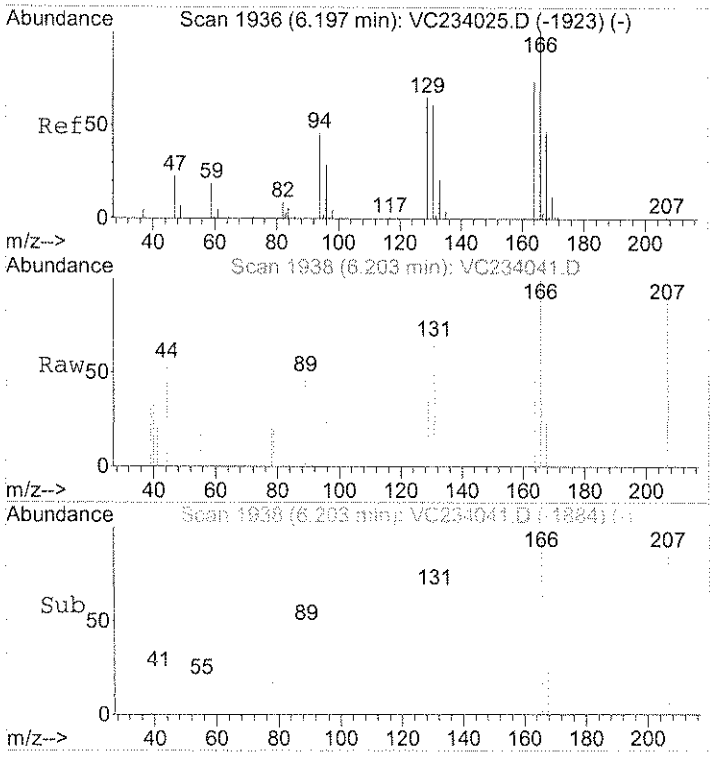


#65
2-HEXANONE
Concen: 0.47 UG/L
RT: 6.38 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 43 Resp: 1288

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.4	62.2#

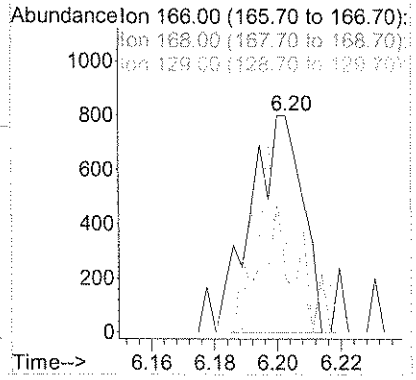


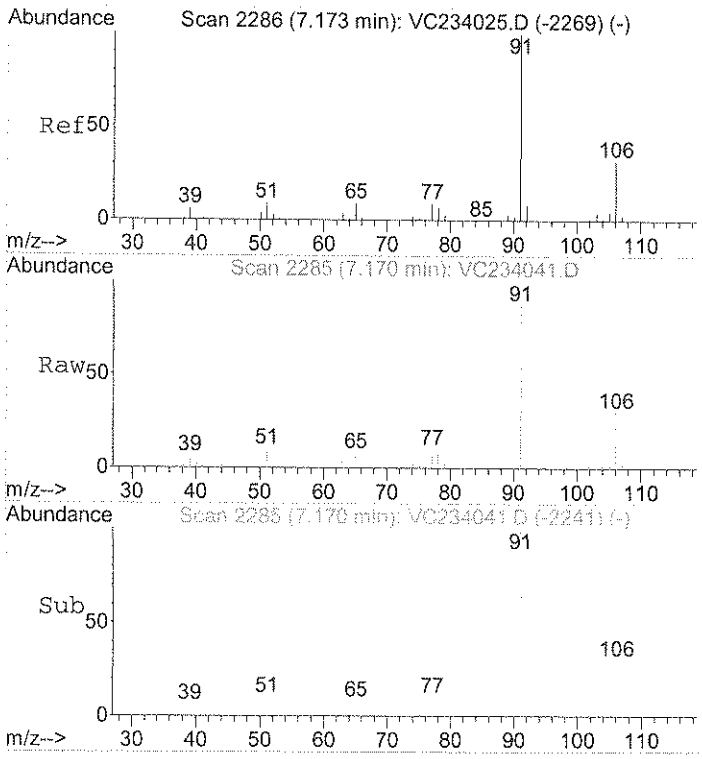


#66
TETRACHLOROETHENE
Concen: 0.17 UG/L
RT: 6.20 min Scan# 1938
Delta R.T. 0.01 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion:166 Resp: 939

Ion	Ratio	Lower	Upper
166	100		
168	0.0	38.1	57.1#
129	0.0	53.6	80.4#

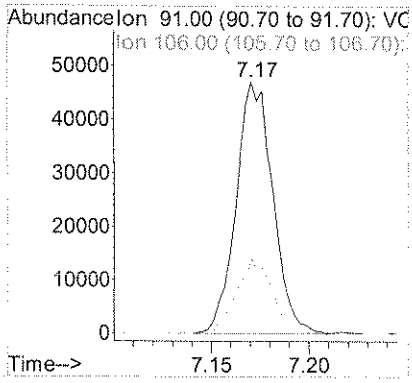


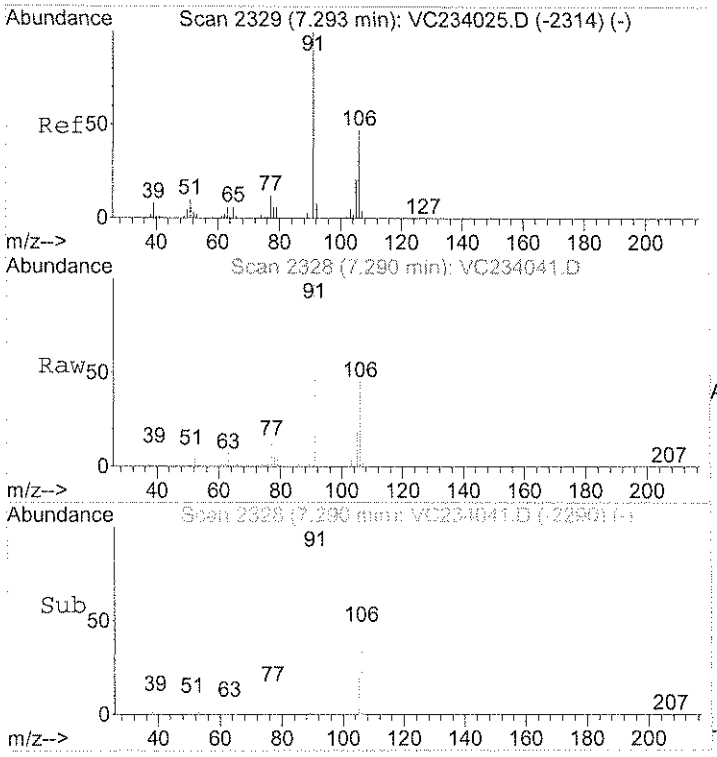


#74
ETHYLBENZENE
Concen: 2.72 UG/L
RT: 7.17 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 91 Resp: 62308

Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.4	35.0

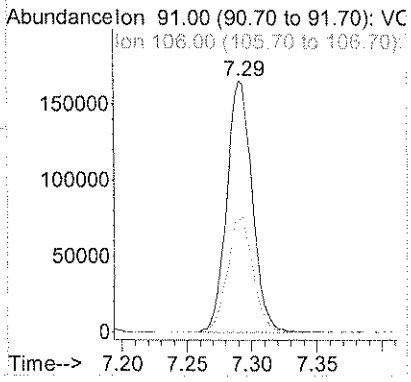


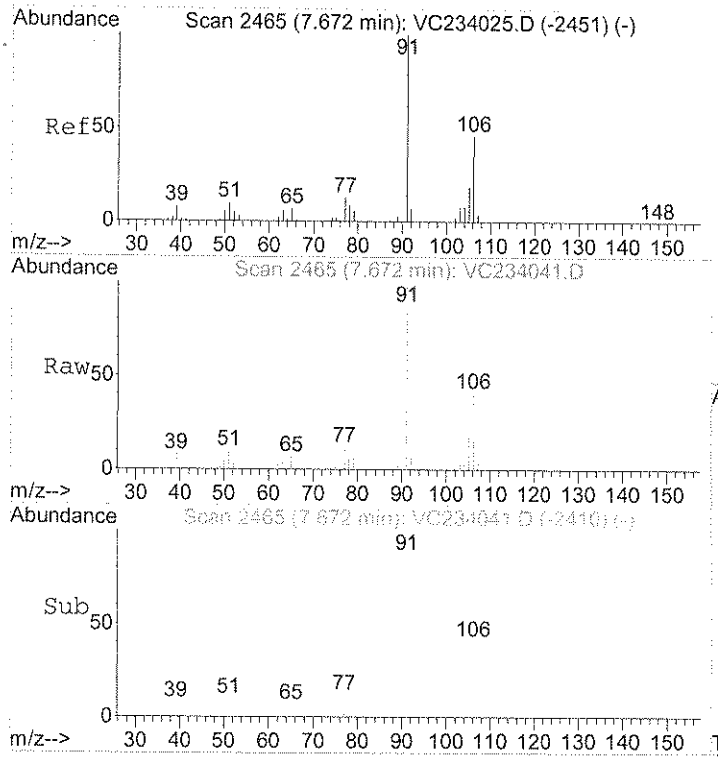


#75
M/P-XYLENES
Concen: 12.97 UG/L
RT: 7.29 min Scan# 2328
Delta R.T. -0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 91 Resp: 228442

Ion	Ratio	Lower	Upper
91	100		
106	46.2	37.0	55.4

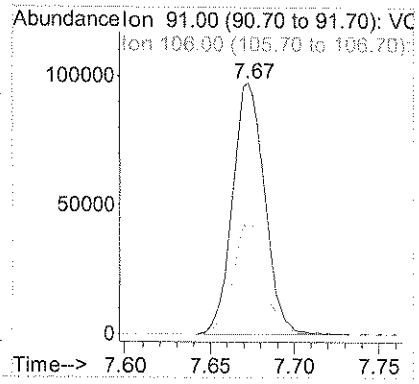


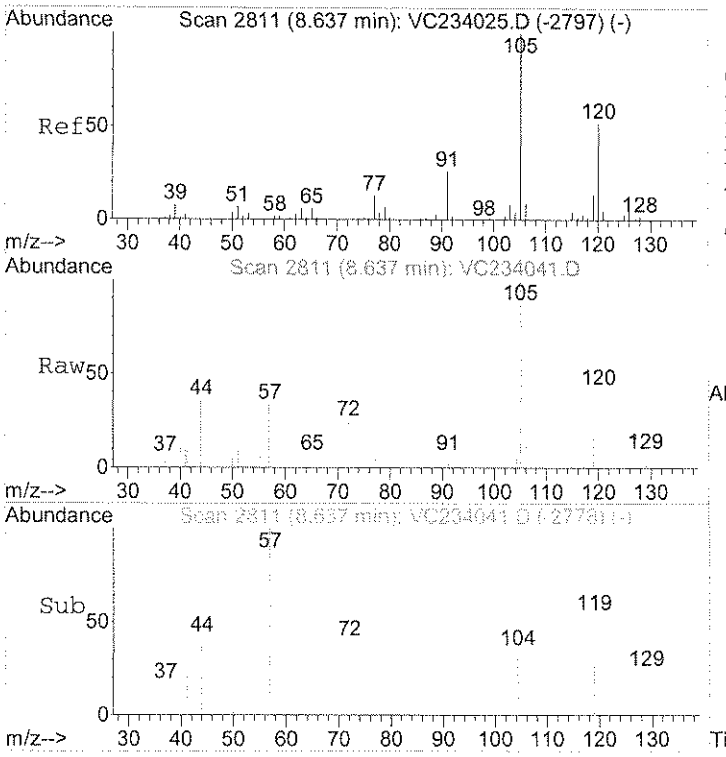


#76
0-XYLENE
Concen: 7.08 UG/L
RT: 7.67 min Scan# 2465
Delta R.T. -0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion: 91 Resp: 130708

Ion	Ratio	Lower	Upper
91	100		
106	44.0	35.5	53.3

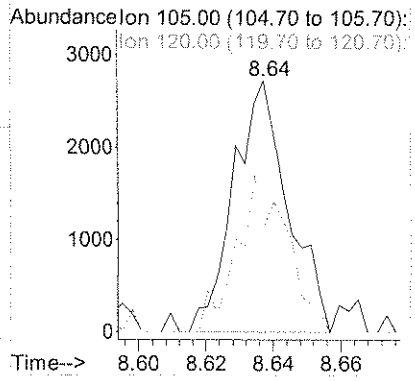


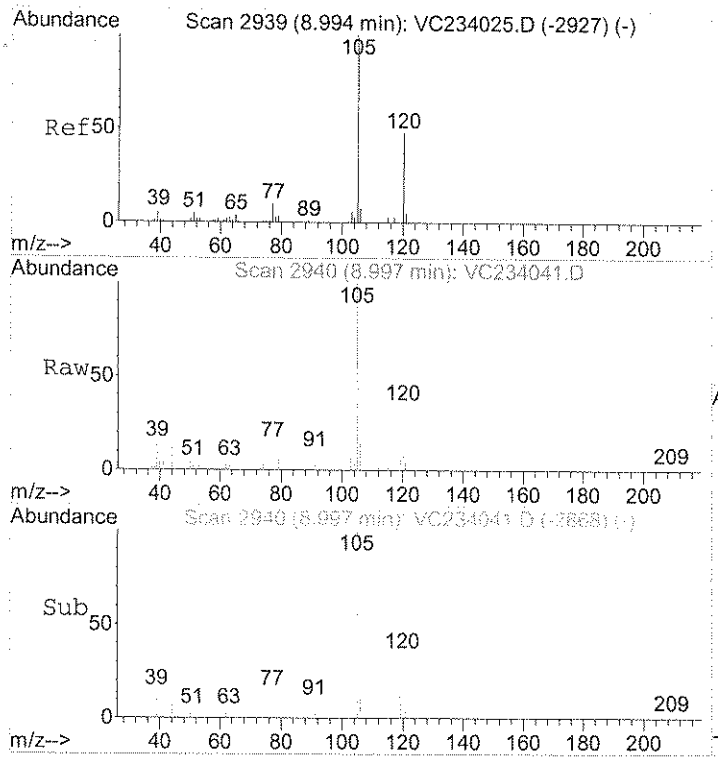


#87
1,3,5-TRIMETHYLBENZENE
Concen: 0.18 UG/L
RT: 8.64 min Scan# 2811
Delta R.T. 0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion:105 Resp: 3071

Ion	Ratio	Lower	Upper
105	100		
120	57.0	38.4	57.6

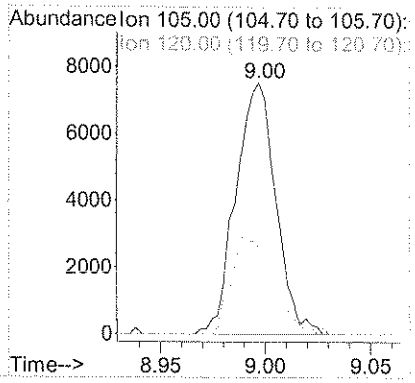


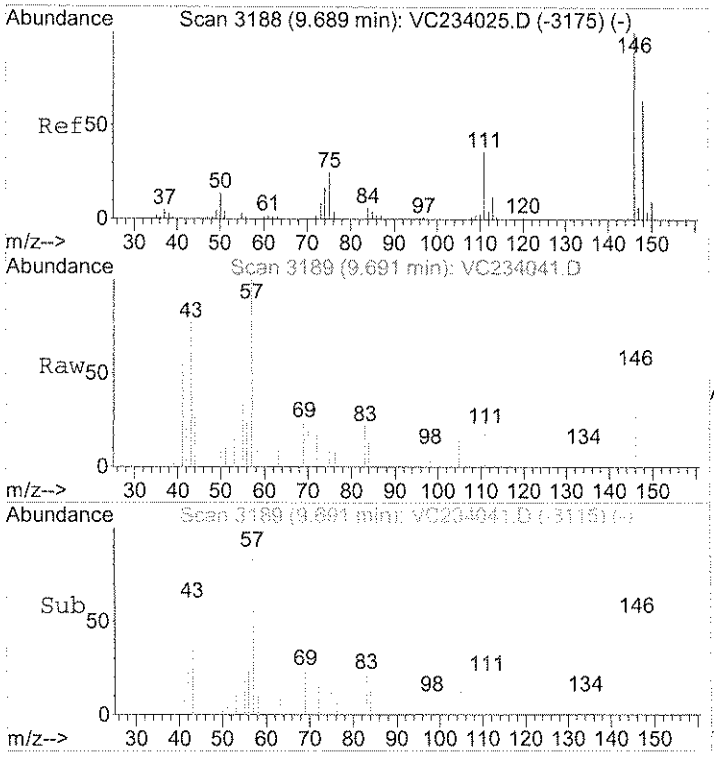


#91
1,2,4-TRIMETHYLBENZENE
Concen: 0.58 UG/L
RT: 9.00 min Scan# 2940
Delta R.T. 0.00 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion:105 Resp: 10024

Ion	Ratio	Lower	Upper
105	100		
120	45.2	36.3	54.5

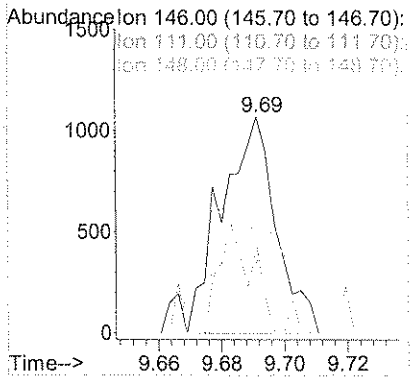




#97
1,2-DICHLOROBENZENE
Concen: 0.12 UG/L
RT: 9.69 min Scan# 3189
Delta R.T. 0.01 min
Lab File: VC234041.D
Acq: 23 Aug 2011 7:00 am

Tgt Ion:146 Resp: 1287

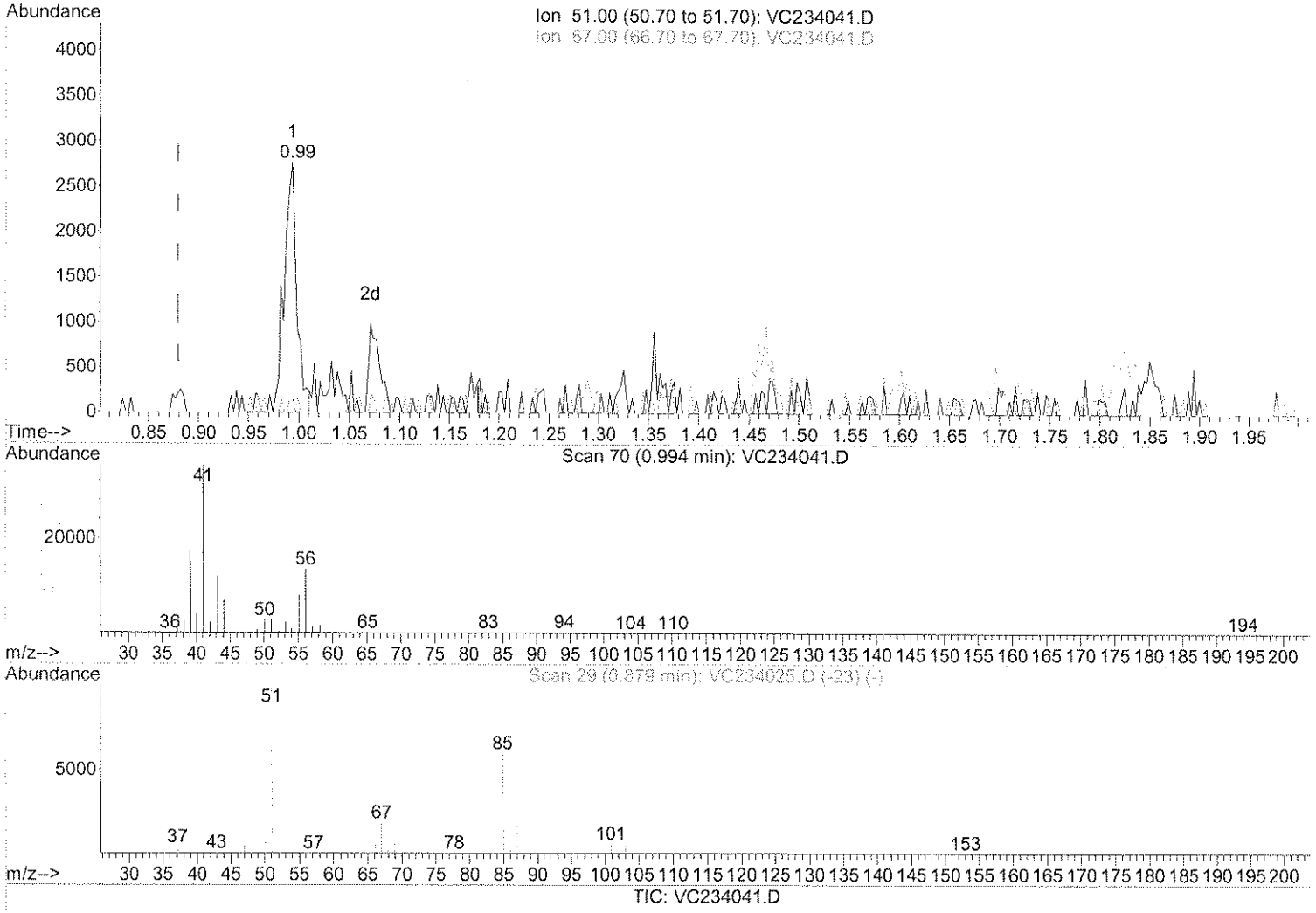
Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.4	47.2#
148	58.4	51.4	77.2



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(4) DIFLUOROCHLOROMETHANE

0.994min (+0.114) 0.37UG/L

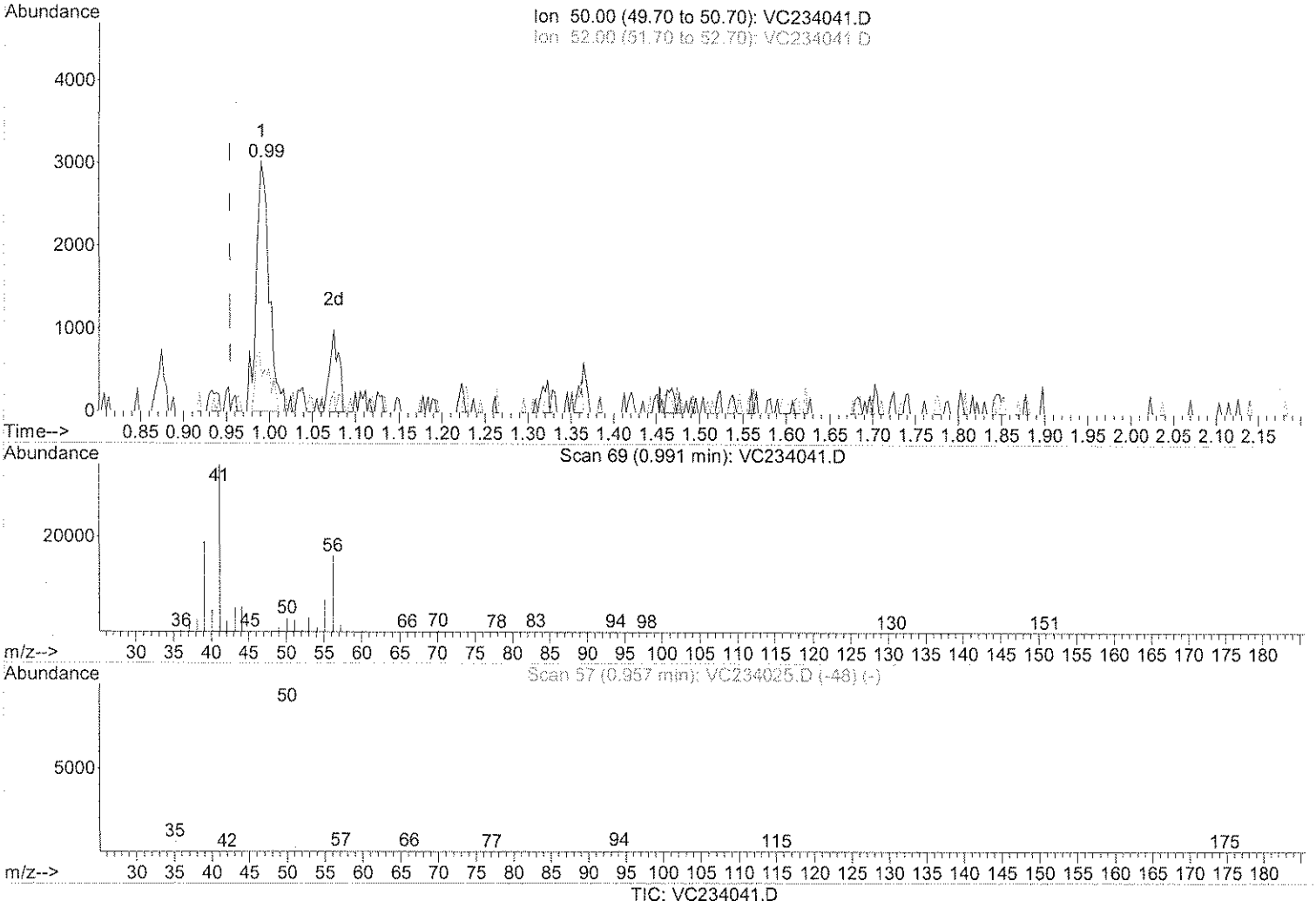
response 2466

Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234041.D

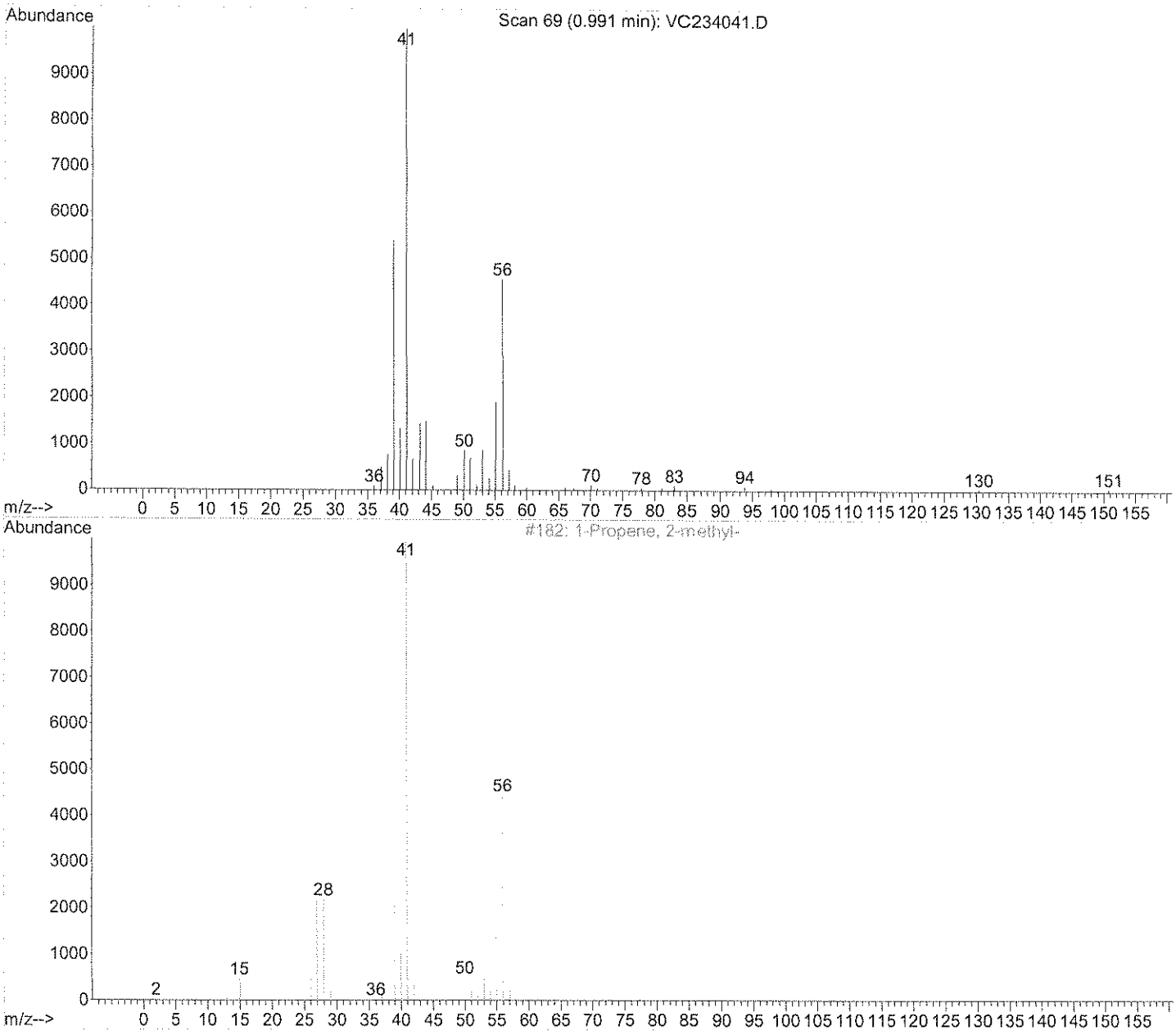
(5) CHLOROMETHANE (P)

0.991min (+0.037) 0.64UG/L

response 3128

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	23.82#
0.00	0.00	0.00
0.00	0.00	0.00

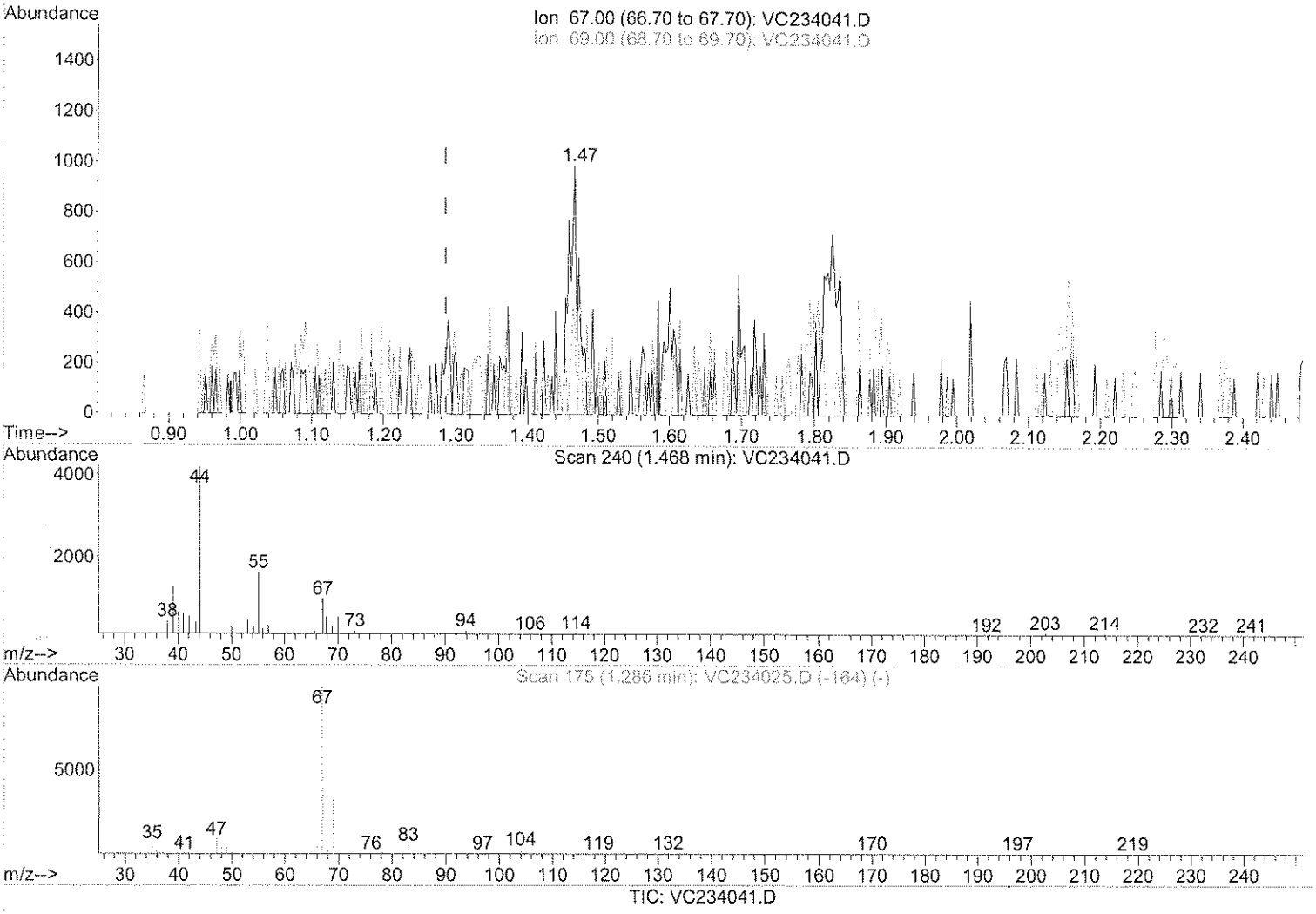
Library Searched : C:\Database\NIST05.L
Quality : 80
ID : 1-Propene, 2-methyl-



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234041.D

(9) FLUORODICHLOROMETHANE

1.468min (+0.181) 0.12UG/L

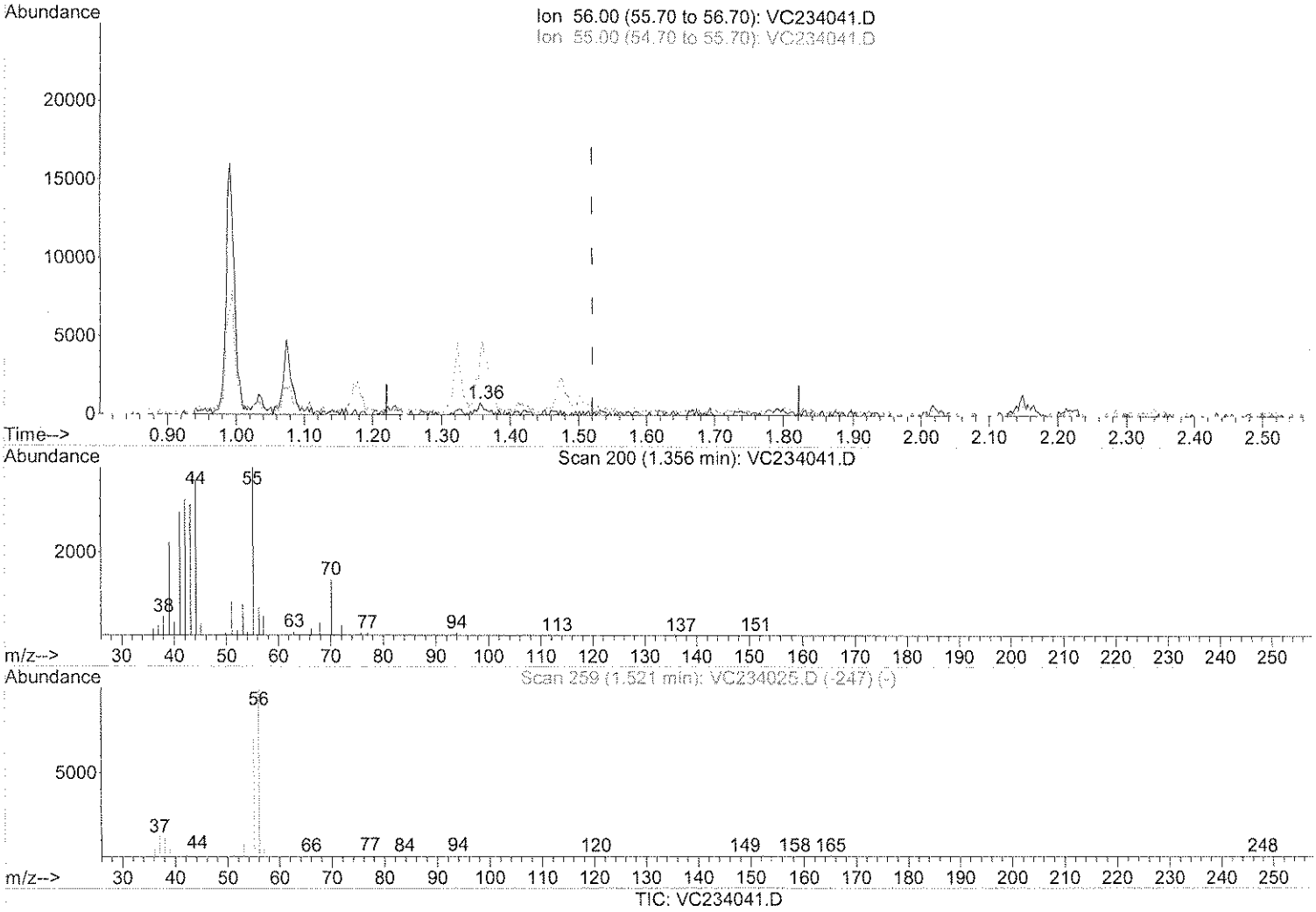
response 945

Ion	Exp%	Act%
67.00	100	100
69.00	32.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(13) ACROLEIN

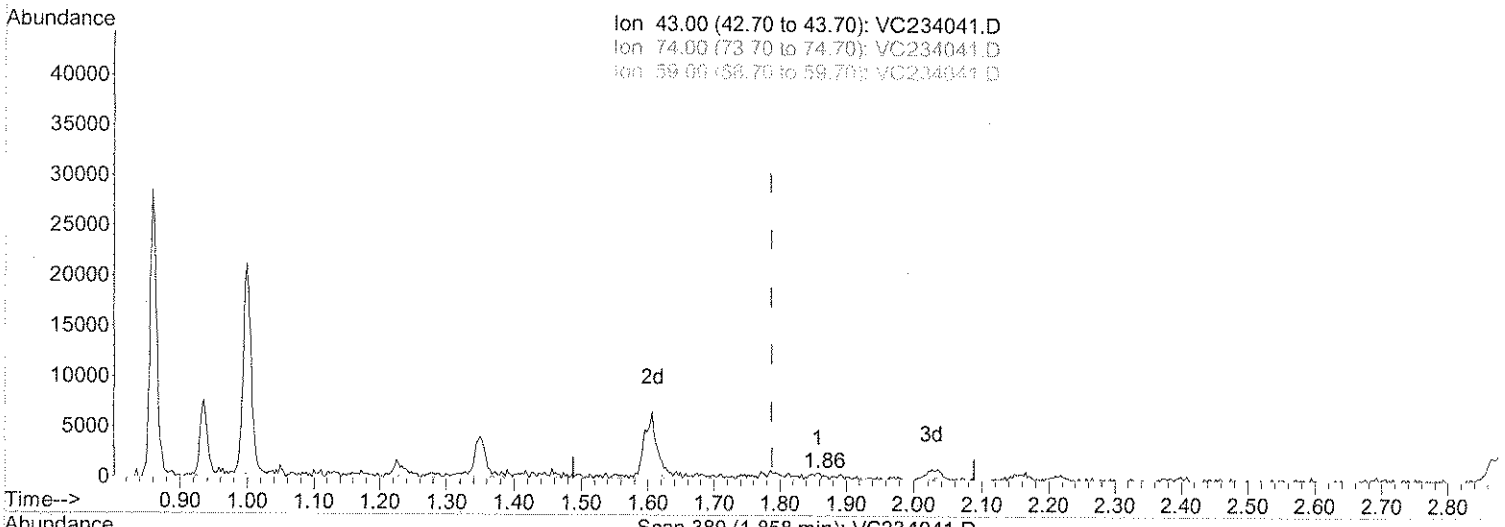
1.356min (-0.164) 1.81UG/L

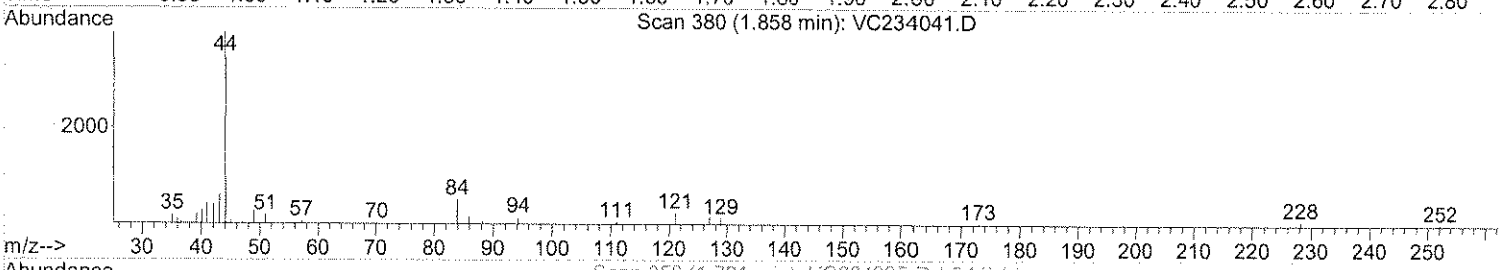
response 697

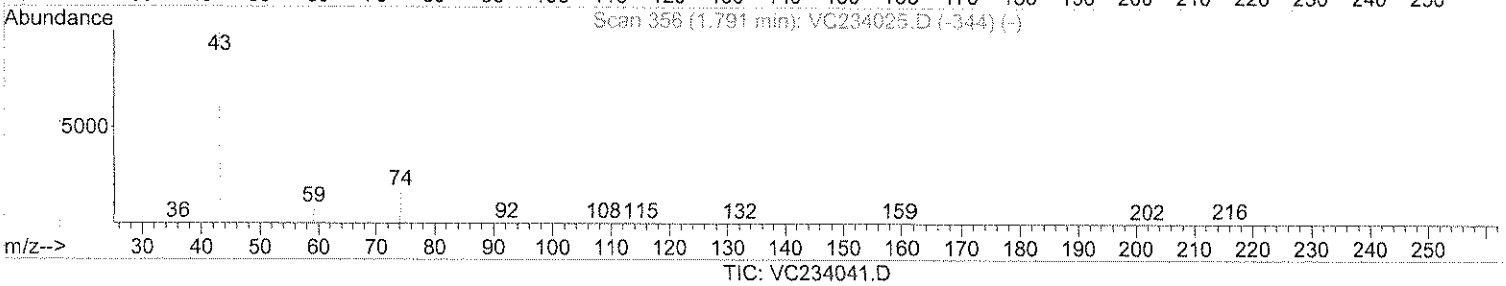
Ion	Exp%	Act%
56.00	100	100
55.00	75.70	786.23#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234041.D

(20) METHYL ACETATE

1.858min (+0.070) 0.16UG/L

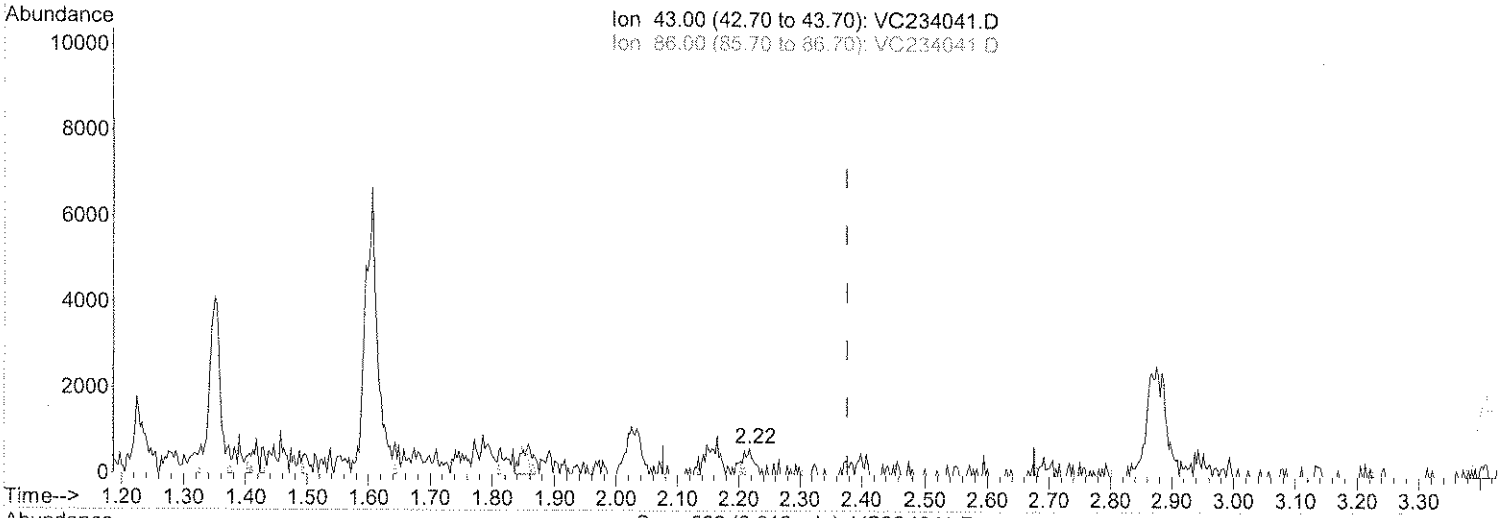
response 889

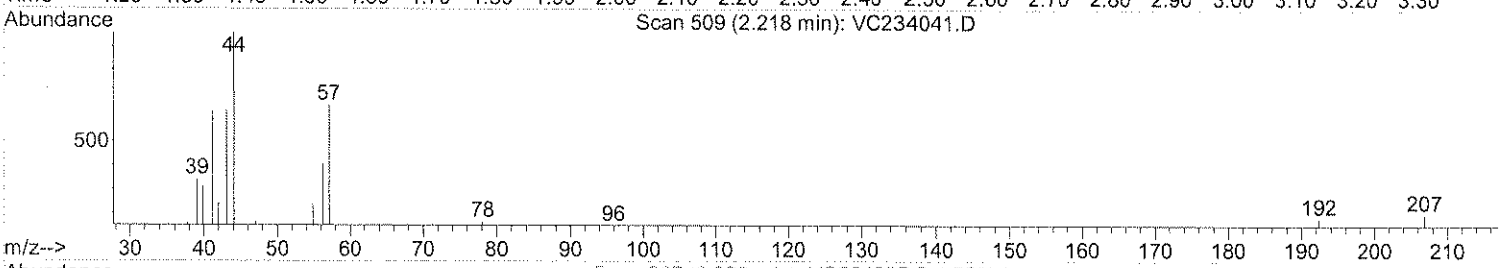
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

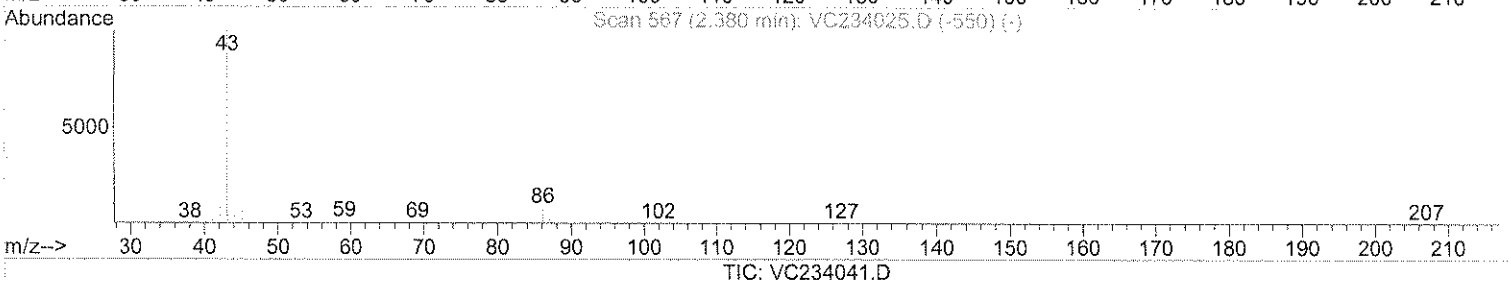
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234041.D

(28) VINYL ACETATE

2.218min (-0.159) 0.11UG/L

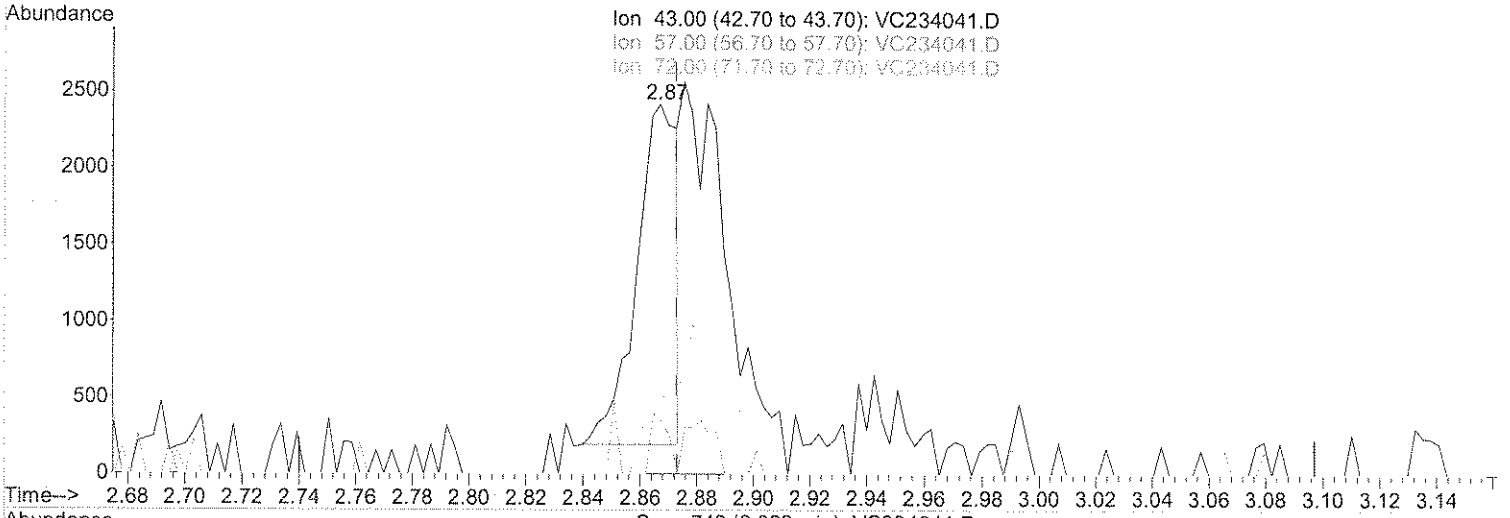
response 904

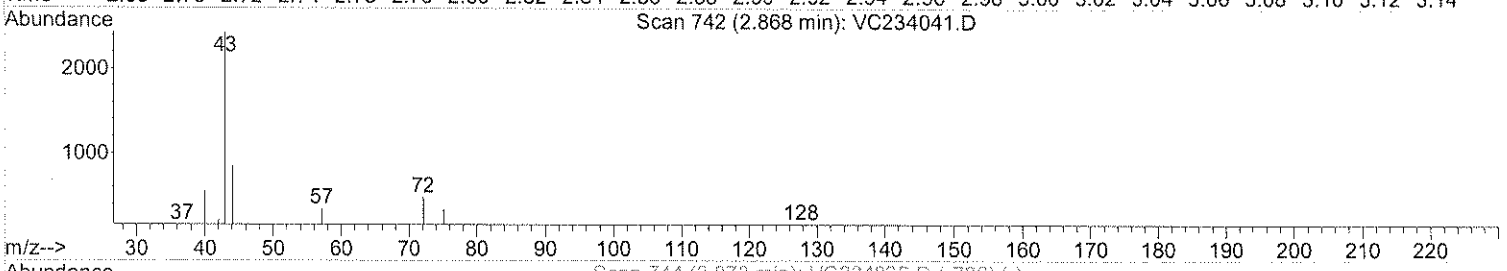
Ion	Exp%	Act%
43.00	100	100
86.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

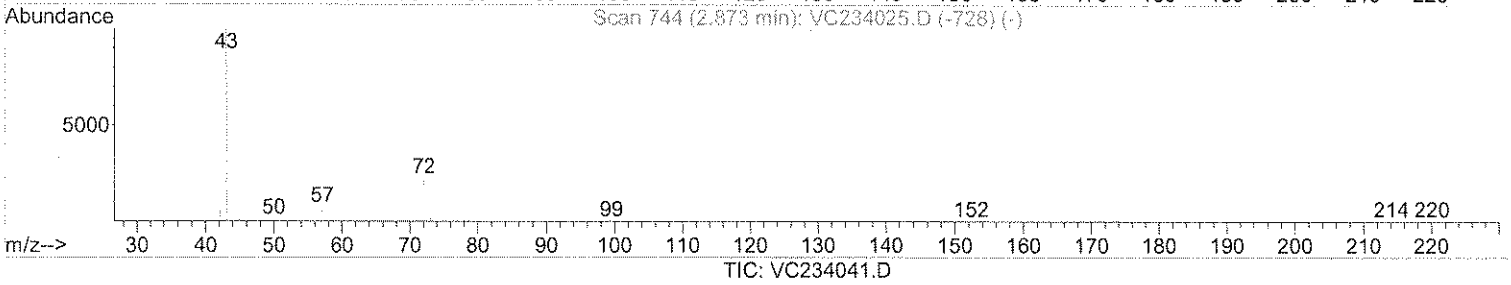
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234041.D

(31) 2-BUTANONE

2.868min (-0.006) 1.24UG/L

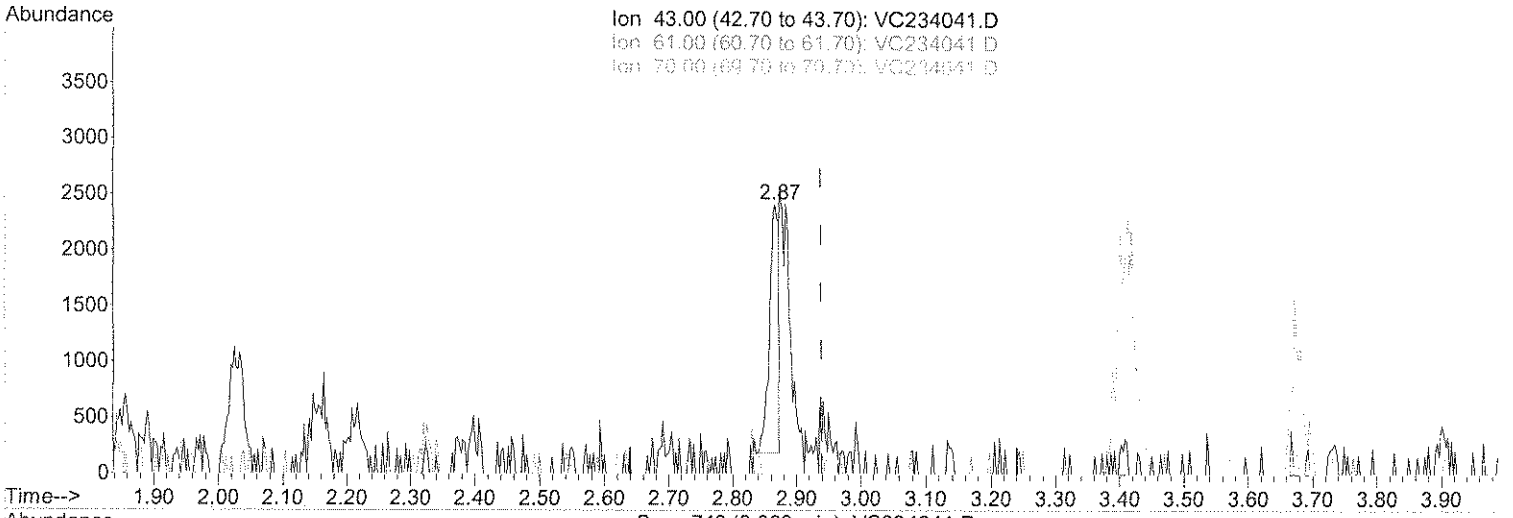
response 2216

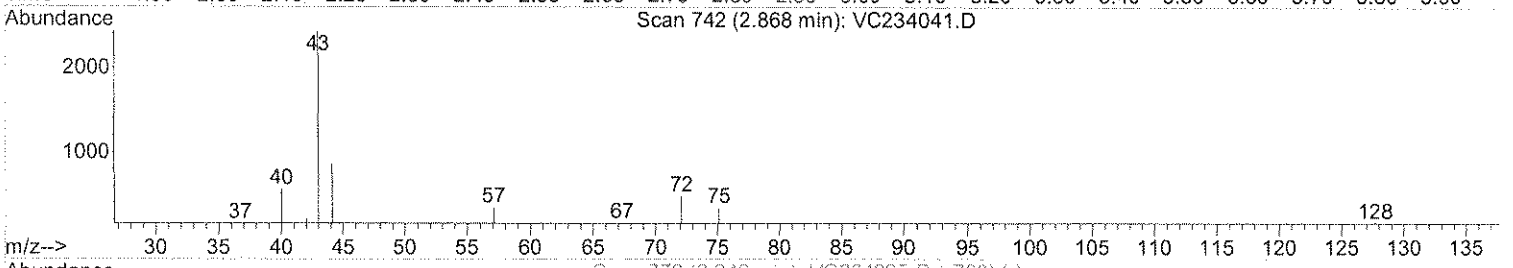
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00#
72.00	23.60	50.45#
0.00	0.00	0.00

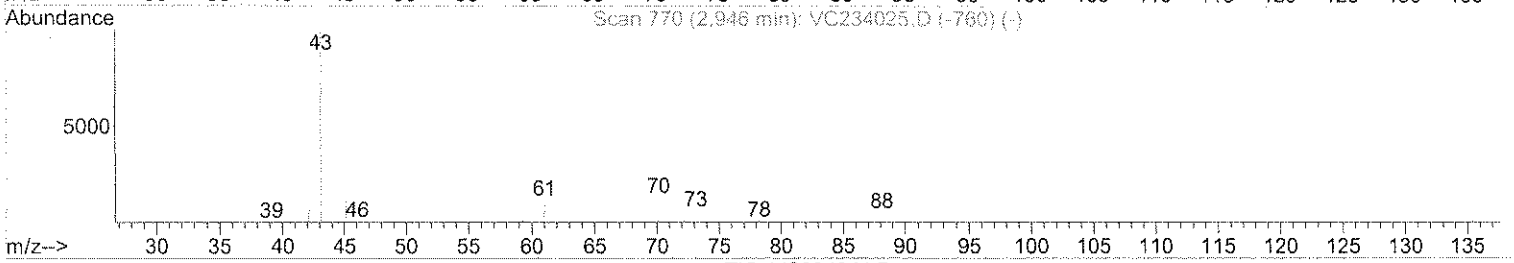
3

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234041.D

(35) ETHYL ACETATE

2.868min (-0.072) 0.46UG/L

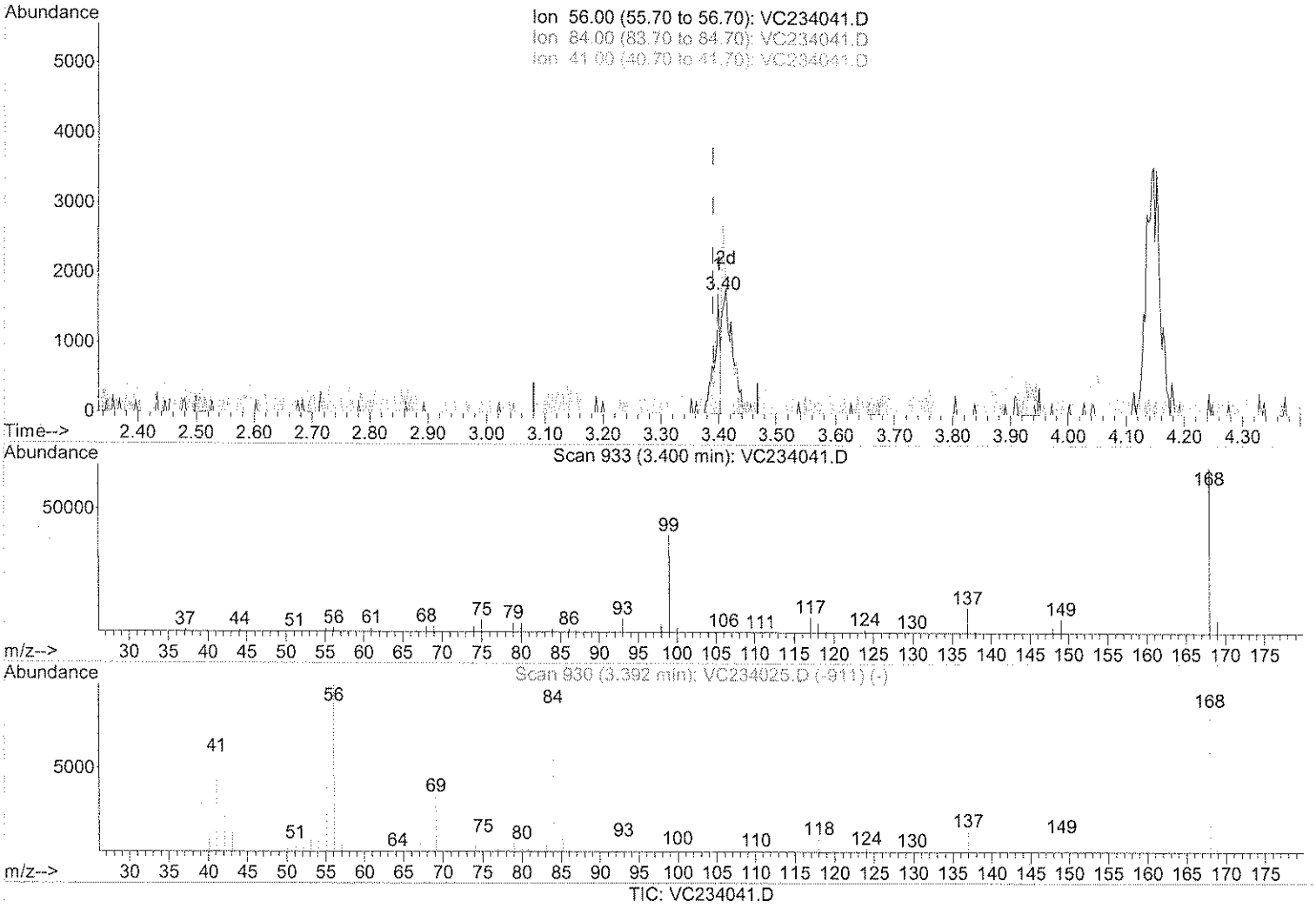
response 2216

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234041.D

(42) CYCLOHEXANE

3.400min (+0.008) 0.18UG/L

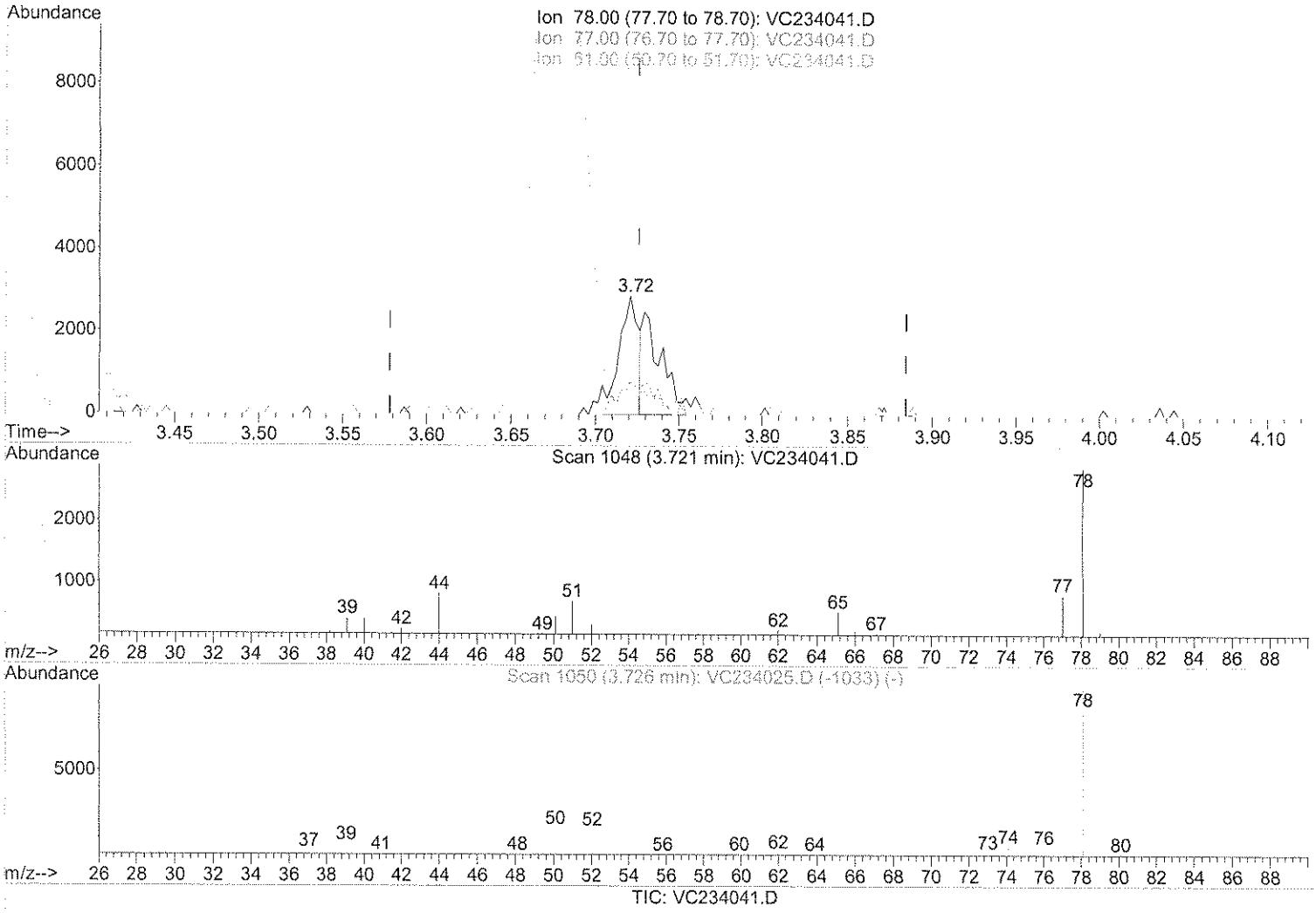
response 1179

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	0.00#
41.00	62.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234041.D

(45) BENZENE

3.721min (-0.006) 0.14UG/L

response 2527

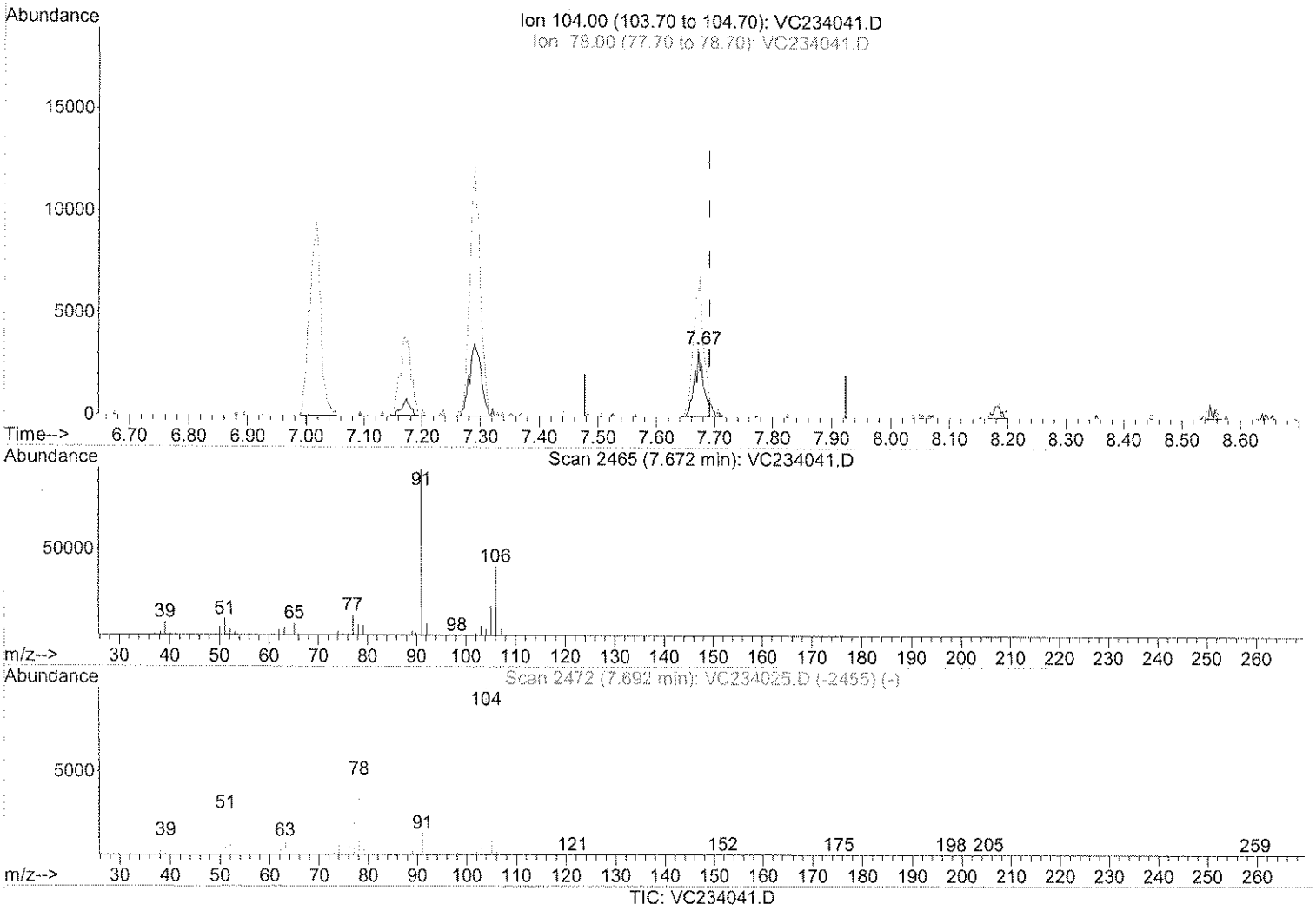
Ion	Exp%	Act%
78.00	100	100
77.00	23.30	28.37#
51.00	21.40	1265.53#
0.00	0.00	0.00

3

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234041.D
Acq On : 23 Aug 2011 7:00 am
Operator :
Sample : 11H0747-03 @ (poured off)
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 23 12:06:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234041.D

(77) STYRENE

7.672min (-0.019) 0.26UG/L

response 3693

Ion	Exp%	Act%
104.00	100	100
78.00	55.20	234.09#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-04	File ID:	VC234047.D
Sampled:	08/16/11 11:55	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 10:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW19-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-04	File ID:	VC234047.D
Sampled:	08/16/11 11:55	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 10:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane	1.3	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW19-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-04	File ID:	VC234047.D
Sampled:	08/16/11 11:55	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 10:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	4.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW19-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-04	File ID:	VC234047.D
Sampled:	08/16/11 11:55	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 10:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234047.D
Acq On : 23 Aug 2011 10:00 am
Operator :
Sample : 11H0747-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 23 12:58:46 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	186227	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	286225	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	176008	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	191090	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	97250	24.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.72%				
49) TOLUENE SS	5.61	98	287502	25.15	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.60%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	143234	24.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	8772	1.44	UG/L		94
11) ETHANOL	1.40	45	18599m	874.61	UG/L		
14) ACETONE	1.61	43	8660	8.65	UG/L		95
15) 1,1-DICHLOROETHENE	1.57	61	832	0.14	UG/L	#	30
24) CARBON DISULFIDE	1.69	76	1918	0.19	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.02	73	3365m	0.25	UG/L		
27) 1,1-DICHLOROETHANE	2.33	63	10926	1.32	UG/L	#	80
31) 2-BUTANONE	2.87	43	6386	3.63	UG/L	#	81
39) TETRAHYDROFURAN	3.15	42	1332m	1.18	UG/L		
40) CHLOROFORM	3.18	83	2831	0.31	UG/L		87
45) BENZENE	3.72	78	5467	0.31	UG/L	#	86
51) TRICHLOROETHENE	4.38	95	890m	0.18	UG/L		
61) TOLUENE	5.67	91	79827	4.21	UG/L		97
65) 2-HEXANONE	6.38	43	1394	0.53	UG/L		99
66) TETRACHLOROETHENE	6.20	166	2821	0.53	UG/L	#	87
74) ETHYLBENZENE	7.17	91	3497	0.16	UG/L		100
75) M/P-XYLENES	7.29	91	8333	0.50	UG/L		91
76) O-XYLENE	7.67	91	4082	0.23	UG/L		96

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

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234047.D
Acq On : 23 Aug 2011 10:00 am
Operator :
Sample : 11H0747-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 23 12:58:46 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
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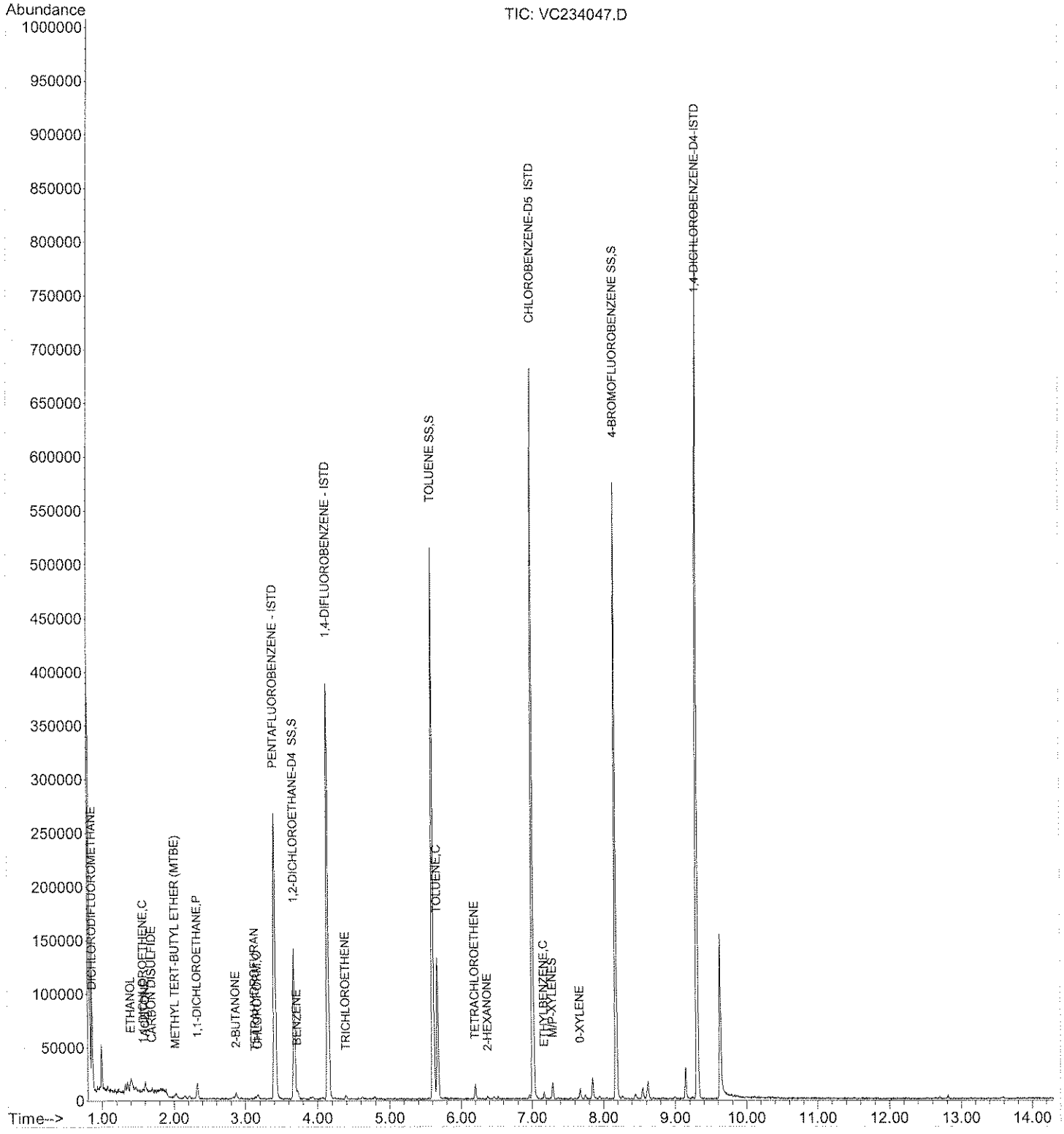
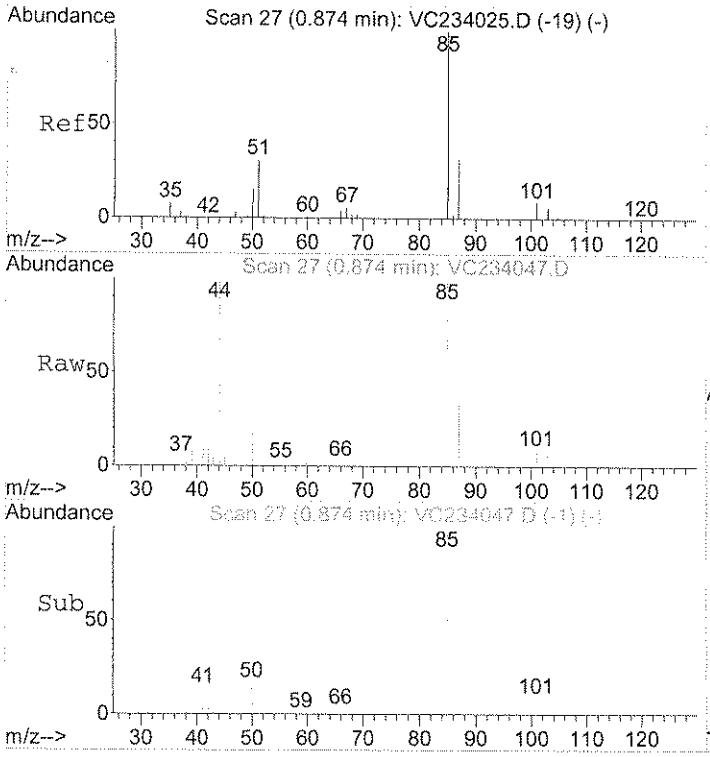
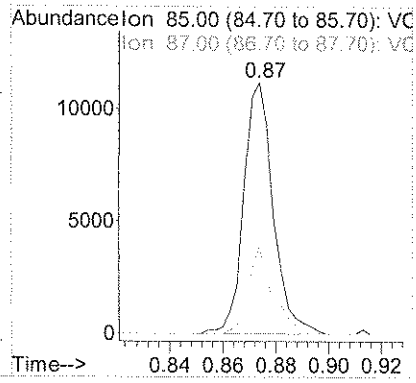


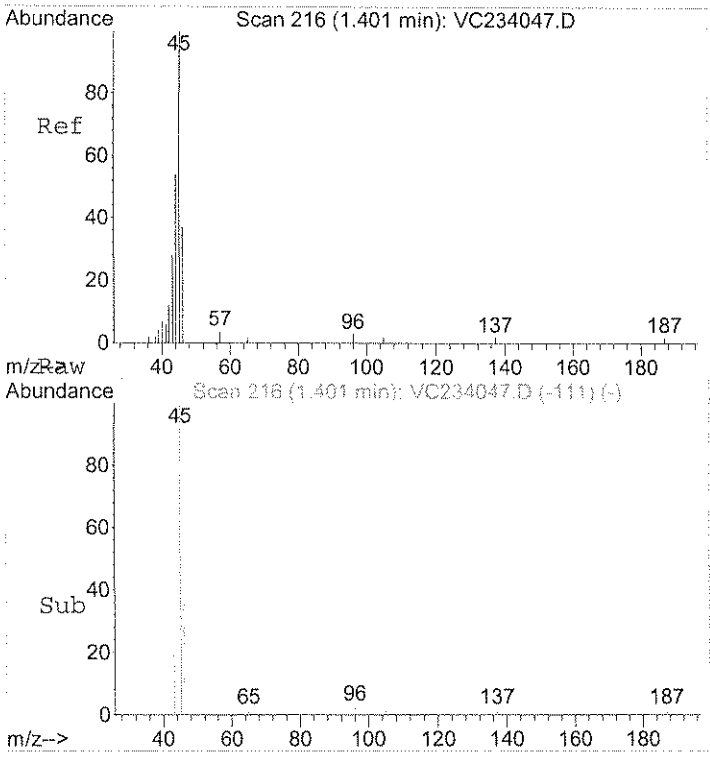


#3
DICHLORODIFLUOROMETHANE
Concen: 1.44 UG/L
RT: 0.87 min Scan# 27
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 85 Resp: 8772

Ion	Ratio	Lower	Upper
85	100		
87	29.3	26.2	39.4

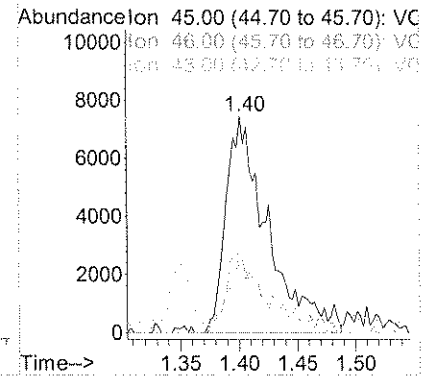


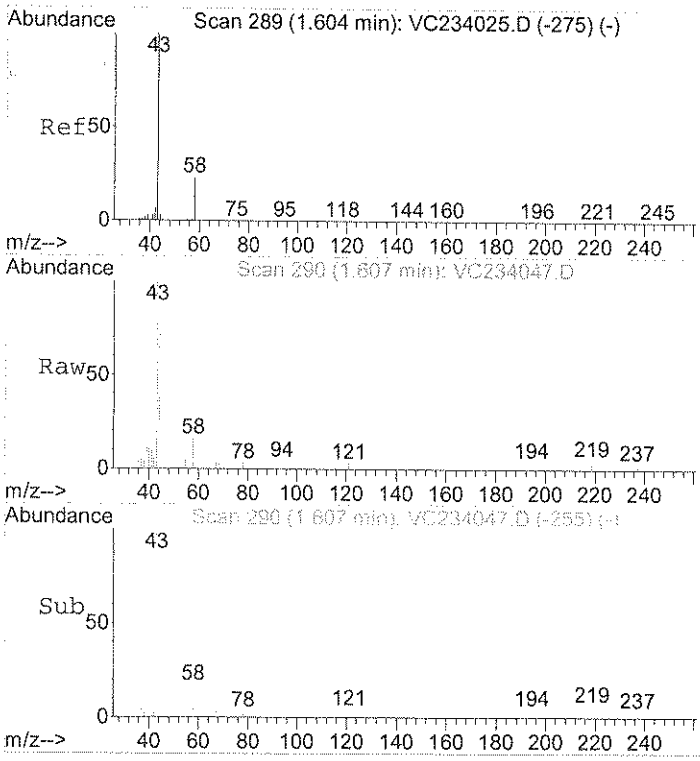


#11
ETHANOL
Concen: 874.61 UG/L m
RT: 1.40 min Scan# 216
Delta R.T. -0.01 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 45 Resp: 18599

Ion	Ratio	Lower	Upper
45	100		
46	26.9	30.7	46.1#
43	17.7	17.5	26.3

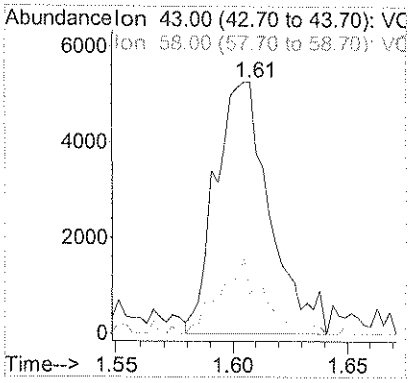


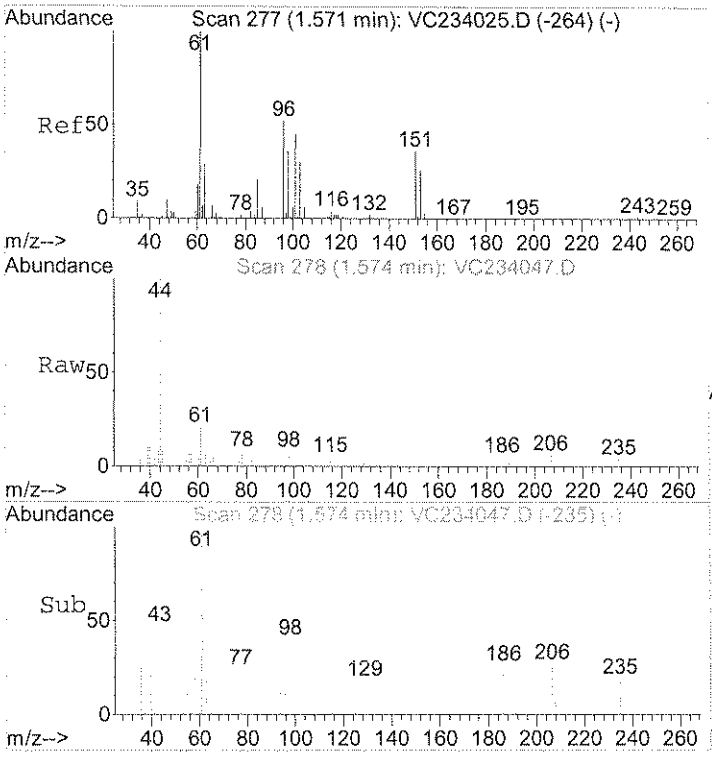


#14
ACETONE
Concen: 8.65 UG/L
RT: 1.61 min Scan# 290
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 43 Resp: 8660

Ion	Ratio	Lower	Upper
43	100		
58	22.5	20.2	30.2

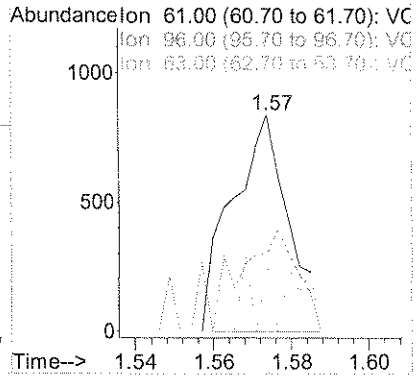


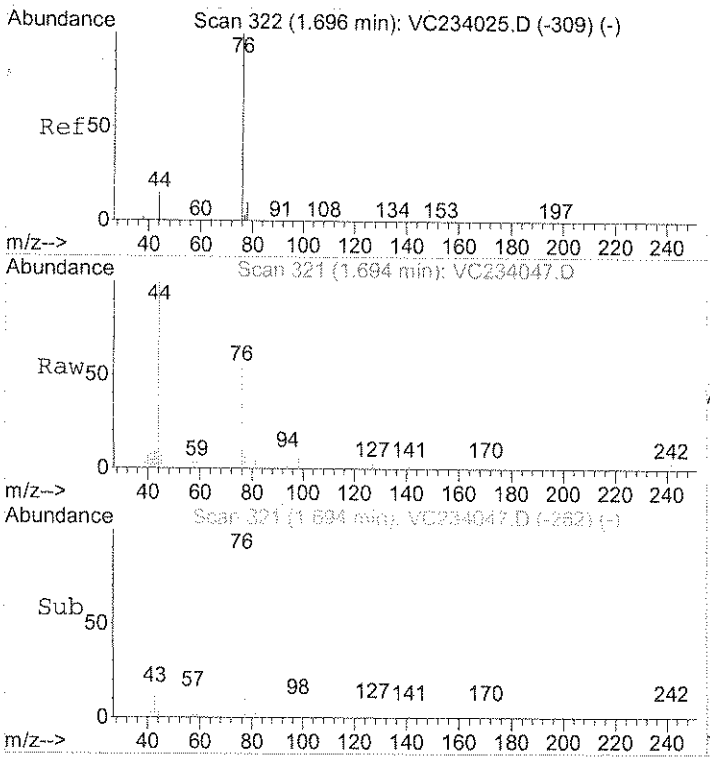


#15
1,1-DICHLOROETHENE
Concen: 0.14 UG/L
RT: 1.57 min Scan# 278
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 61 Resp: 832

Ion	Ratio	Lower	Upper
61	100		
96	0.0	45.8	68.8#
63	0.0	25.5	38.3#

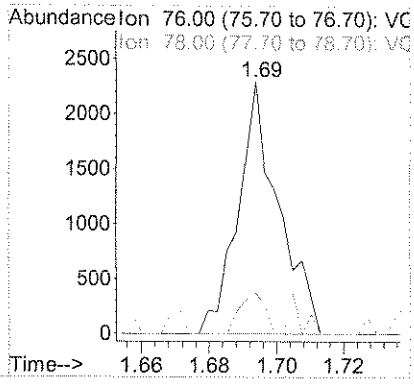


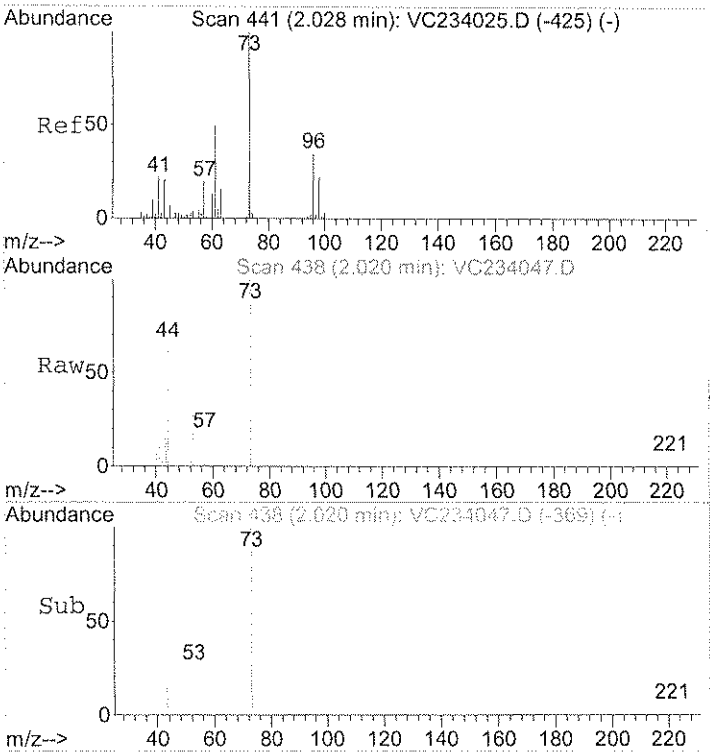


#24
CARBON DISULFIDE
Concen: 0.19 UG/L
RT: 1.69 min Scan# 321
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 76 Resp: 1918

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

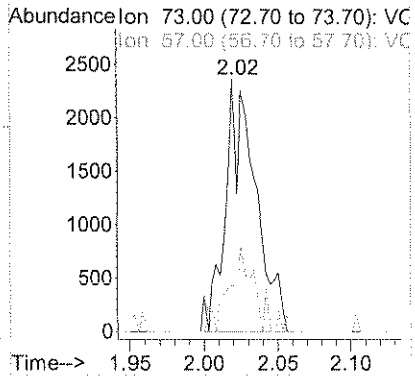


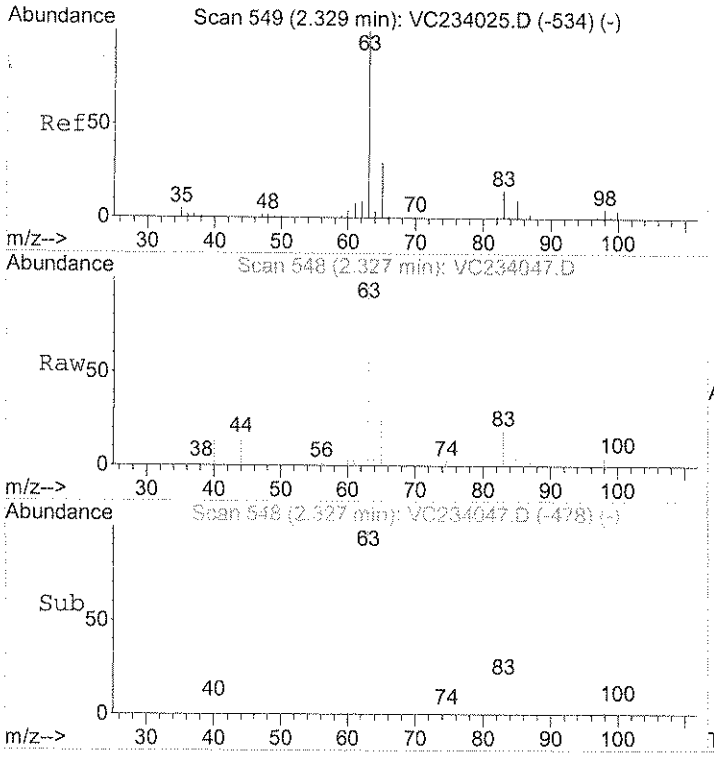


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.25 UG/L m
RT: 2.02 min Scan# 438
Delta R.T. -0.01 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 73 Resp: 3365

Ion	Ratio	Lower	Upper
73	100		
57	23.4	15.8	23.8

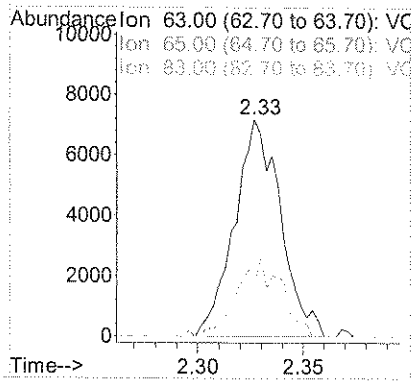


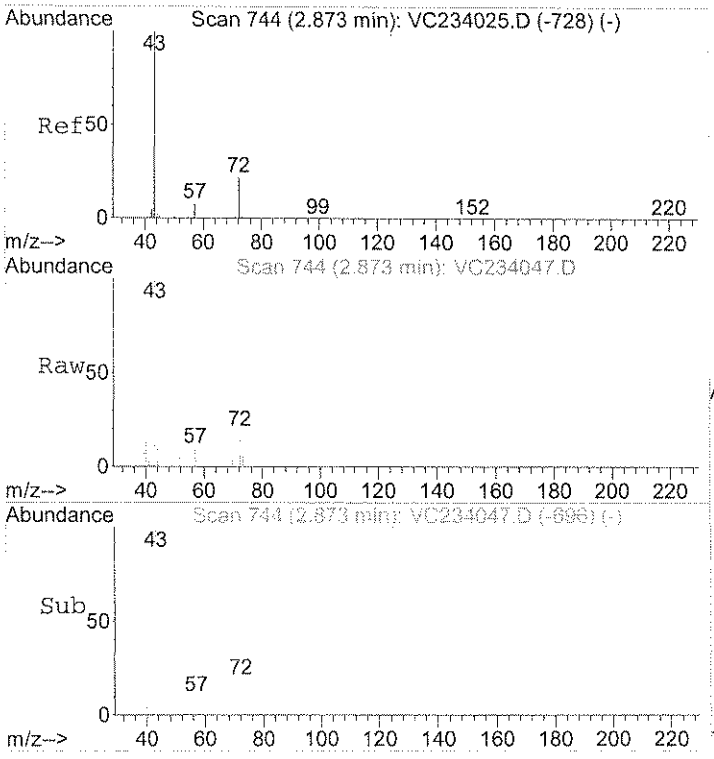


#27
1,1-DICHLOROETHANE
Concen: 1.32 UG/L
RT: 2.33 min Scan# 548
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 63 Resp: 10926

Ion	Ratio	Lower	Upper
63	100		
65	15.7	25.2	37.8#
83	13.3	11.3	16.9

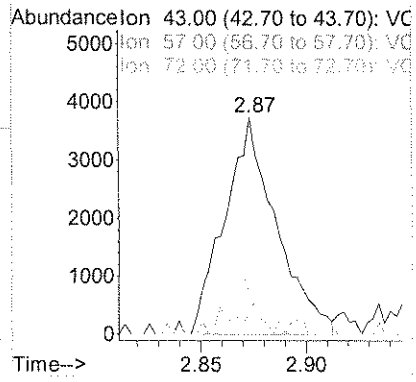


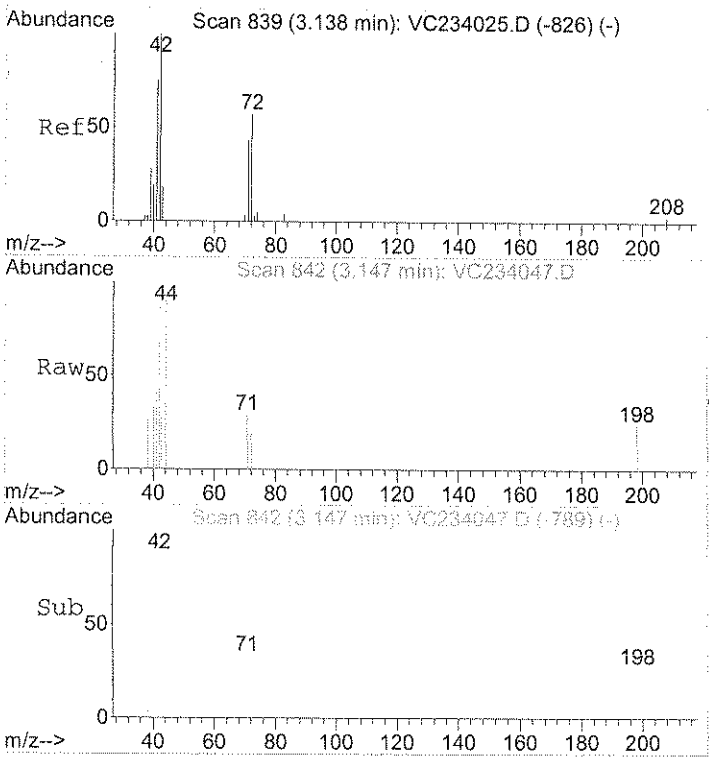


#31
2-BUTANONE
Concen: 3.63 UG/L
RT: 2.87 min Scan# 744
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 43 Resp: 6386

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	15.0	18.9	28.3#

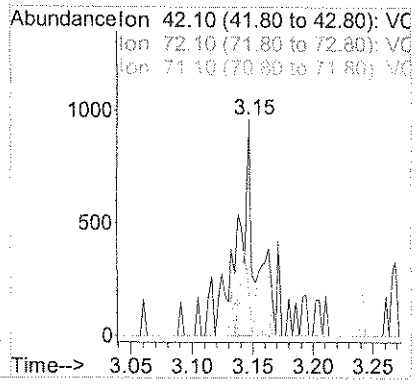


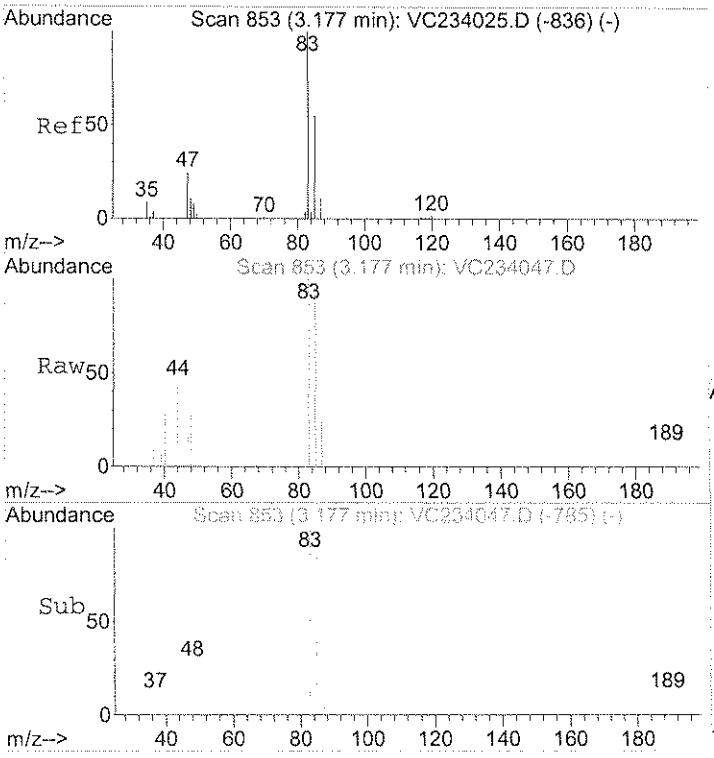


#39
TETRAHYDROFURAN
Concen: 1.18 UG/L m
RT: 3.15 min Scan# 842
Delta R.T. 0.01 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 42 Resp: 1332

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.4	56.2#
71	0.0	33.0	49.6#

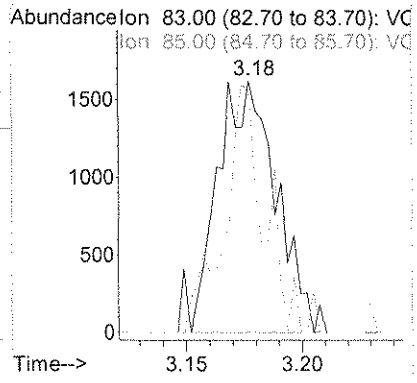


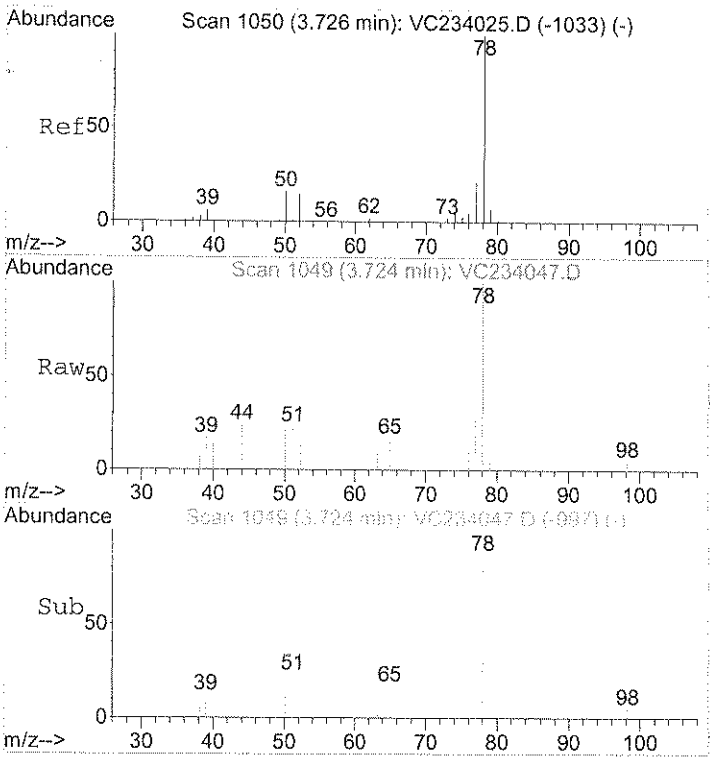


#40
CHLOROFORM
Concen: 0.31 UG/L
RT: 3.18 min Scan# 853
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 83 Resp: 2831

Ion	Ratio	Lower	Upper
83	100		
85	53.2	50.4	75.6

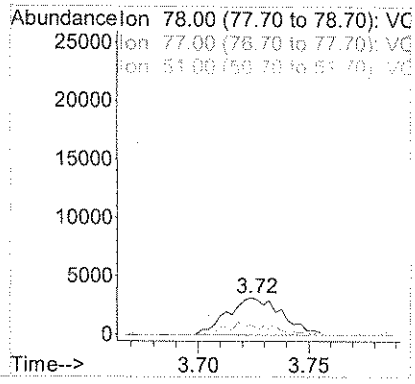


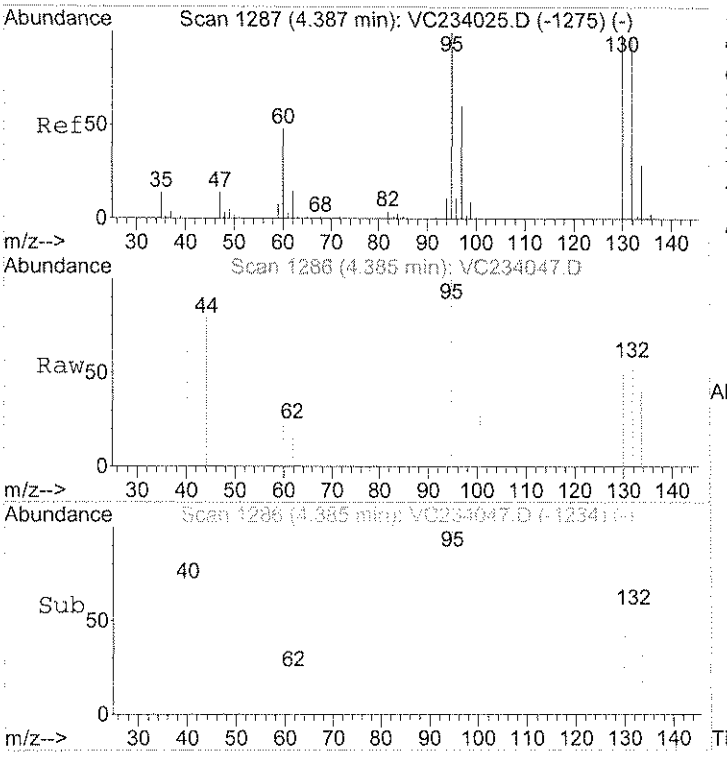


#45
BENZENE
Concen: 0.31 UG/L
RT: 3.72 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 78 Resp: 5467

Ion	Ratio	Lower	Upper
78	100		
77	15.3	18.6	28.0#
51	16.2	17.1	25.7#

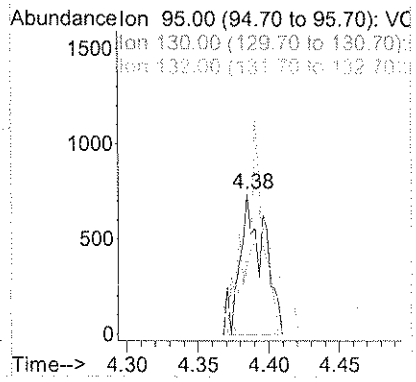


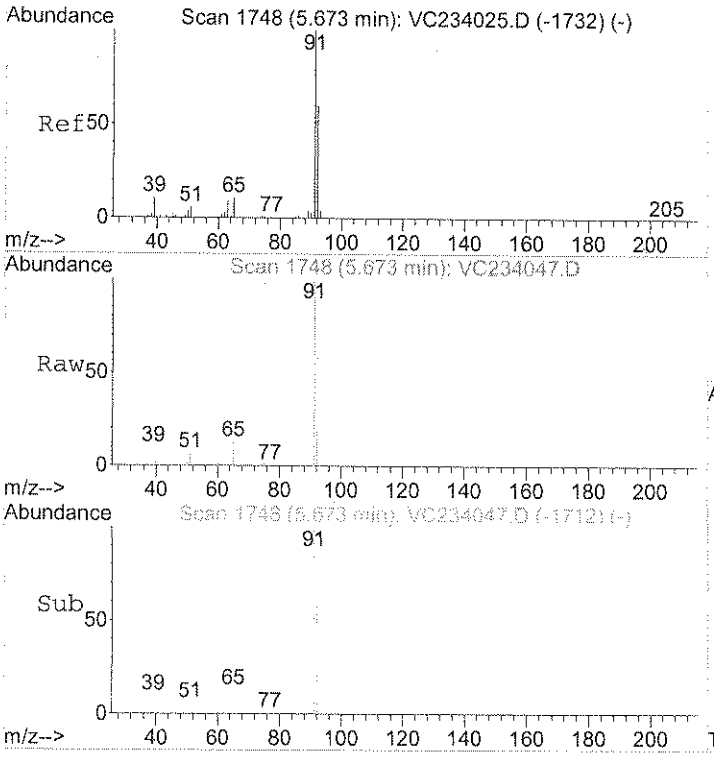


#51
TRICHLOROETHENE
Concen: 0.18 UG/L m
RT: 4.38 min Scan# 1286
Delta R.T. -0.01 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 95 Resp: 890

Ion	Ratio	Lower	Upper
95	100		
130	76.7	77.3	115.9#
132	92.2	74.7	112.1

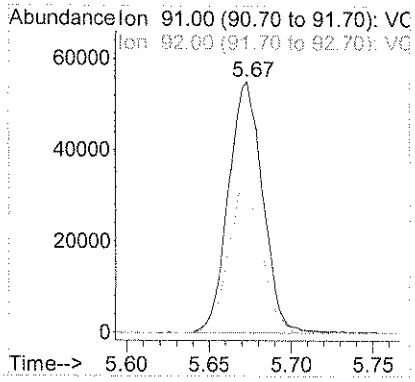


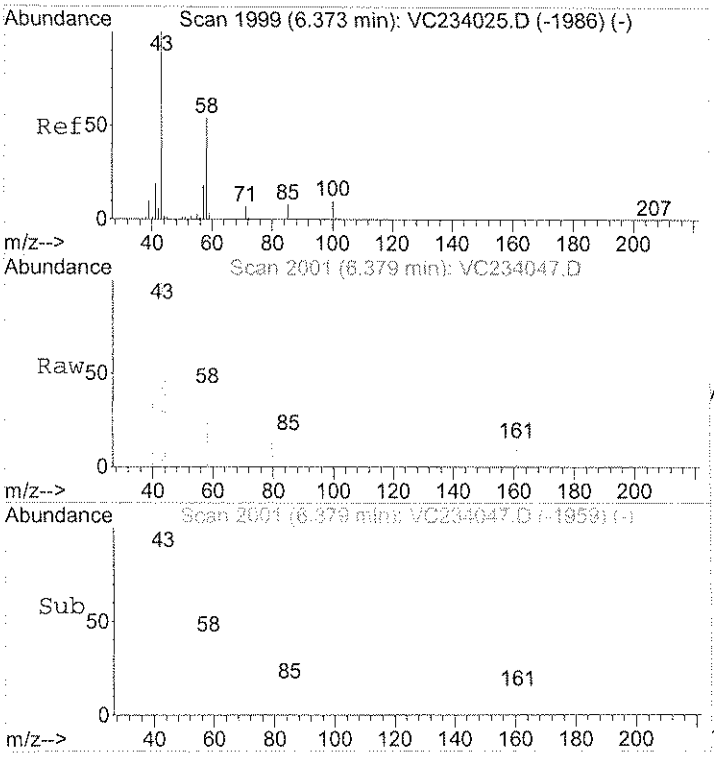


#61
TOLUENE
Concen: 4.21 UG/L
RT: 5.67 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 91 Resp: 79827

Ion	Ratio	Lower	Upper
91	100		
92	57.9	48.2	72.2

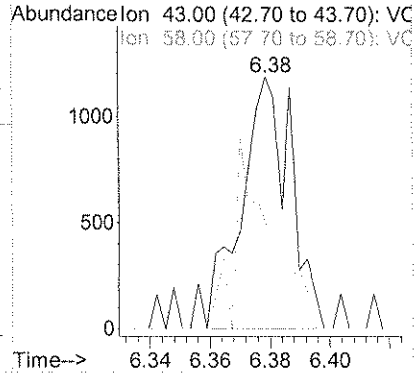


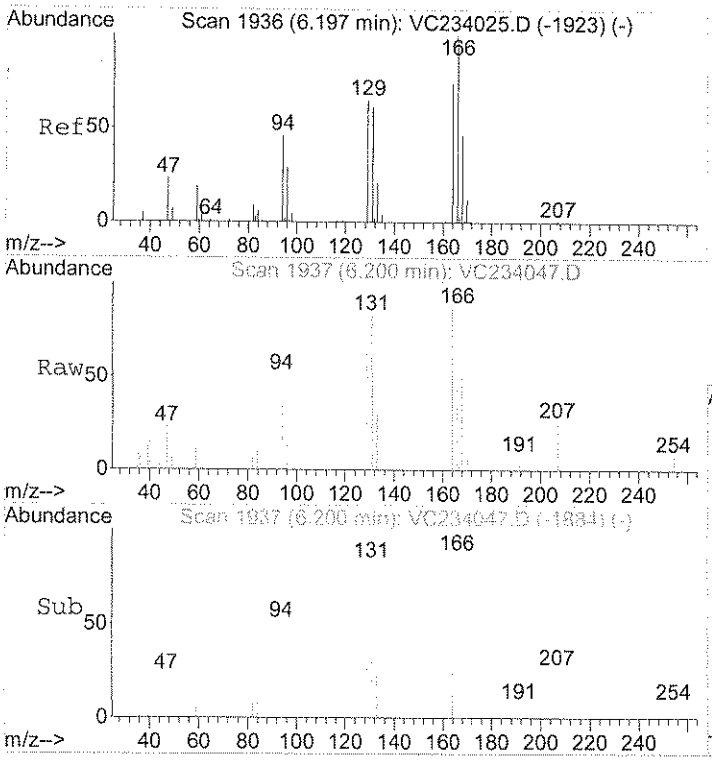


#65
2-HEXANONE
Concen: 0.53 UG/L
RT: 6.38 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 43 Resp: 1394

Ion	Ratio	Lower	Upper
43	100		
58	51.4	41.4	62.2

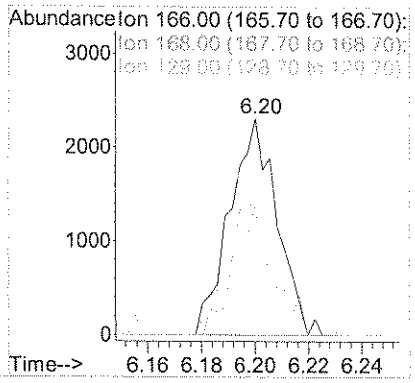


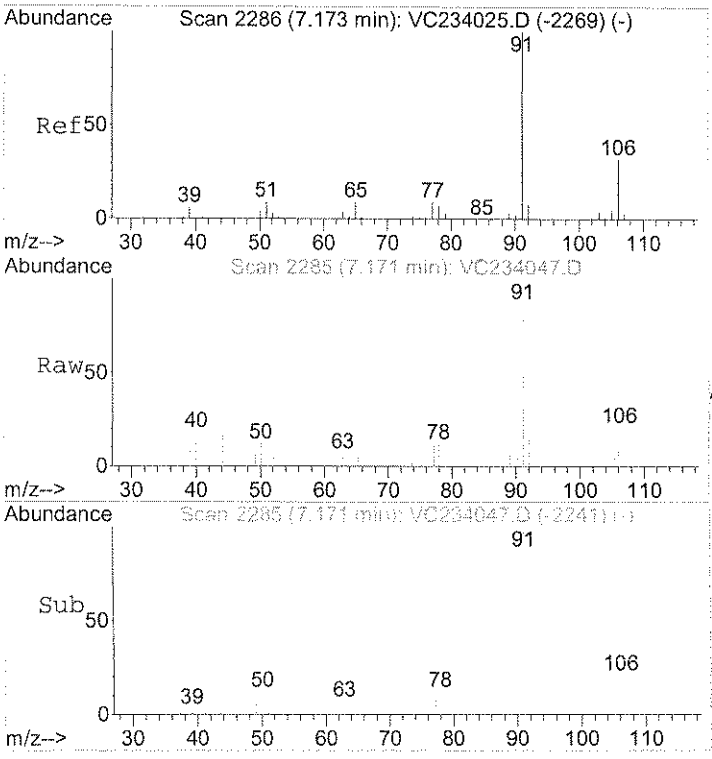


#66
TETRACHLOROETHENE
Concen: 0.53 UG/L
RT: 6.20 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion:166 Resp: 2821

Ion	Ratio	Lower	Upper
166	100		
168	51.2	38.1	57.1
129	82.2	53.6	80.4#

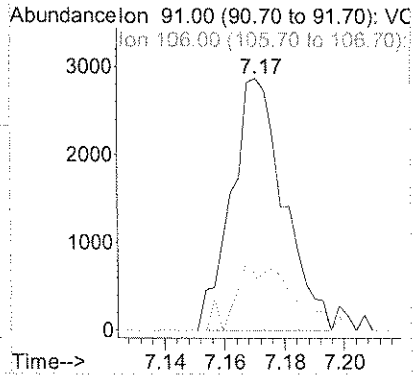


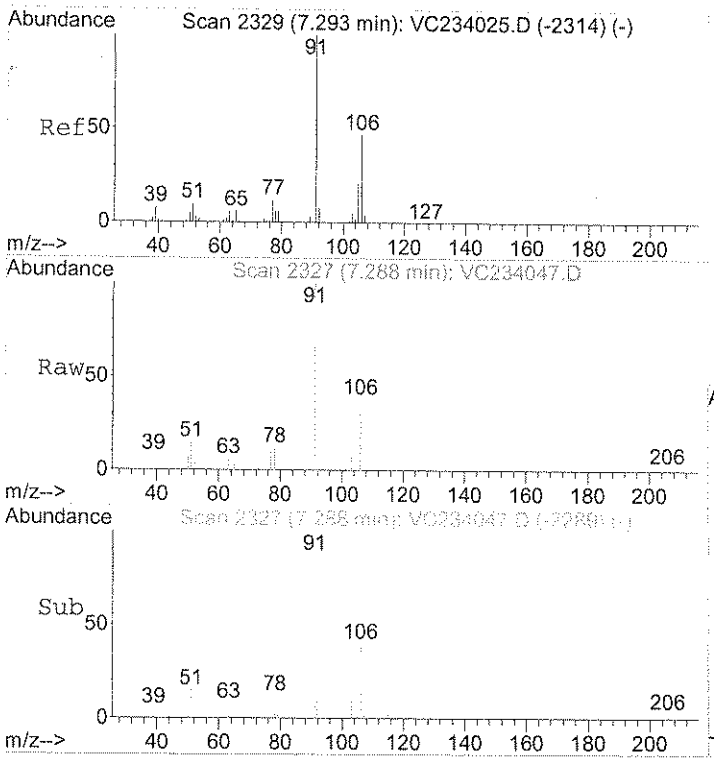


#74
ETHYLBENZENE
Concen: 0.16 UG/L
RT: 7.17 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 91 Resp: 3497

Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.4	35.0

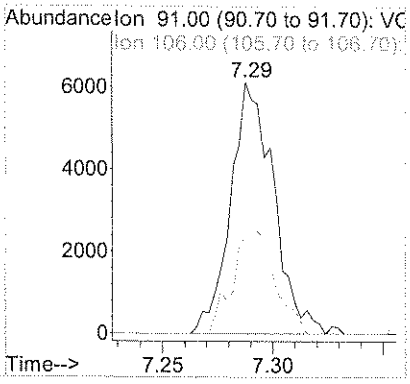


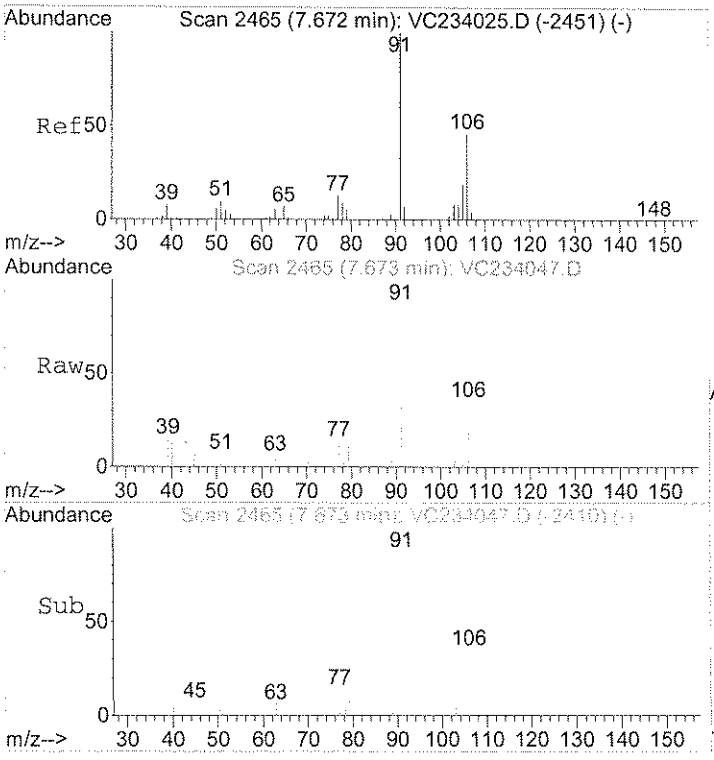


#75
M/P-XYLENES
Concen: 0.50 UG/L
RT: 7.29 min Scan# 2327
Delta R.T. -0.01 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

Tgt Ion: 91 Resp: 8333

Ion	Ratio	Lower	Upper
91	100		
106	40.3	37.0	55.4

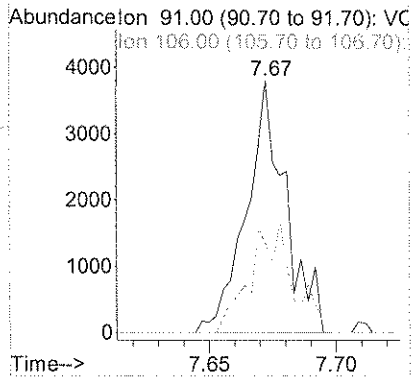




#76
O-XYLENE
Concen: 0.23 UG/L
RT: 7.67 min Scan# 2465
Delta R.T. -0.00 min
Lab File: VC234047.D
Acq: 23 Aug 2011 10:00 am

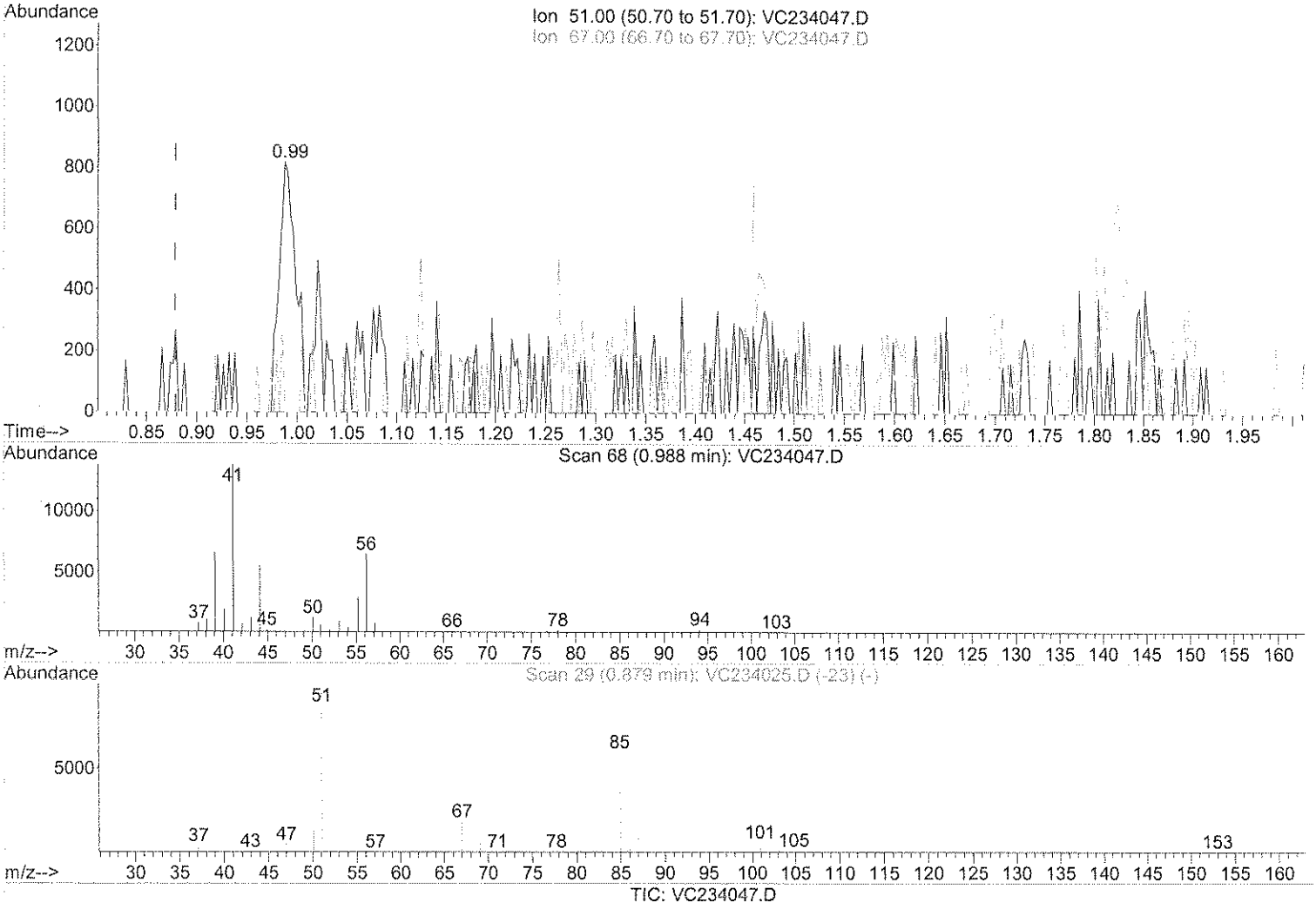
Tgt Ion: 91 Resp: 4082

Ion	Ratio	Lower	Upper
91	100		
106	41.6	35.5	53.3



Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234047.D
Acq On : 23 Aug 2011 10:00 am
Operator :
Sample : 11H0747-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 23 12:06:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(4) DIFLUOROCHLOROMETHANE

0.988min (+0.109) 0.14UG/L

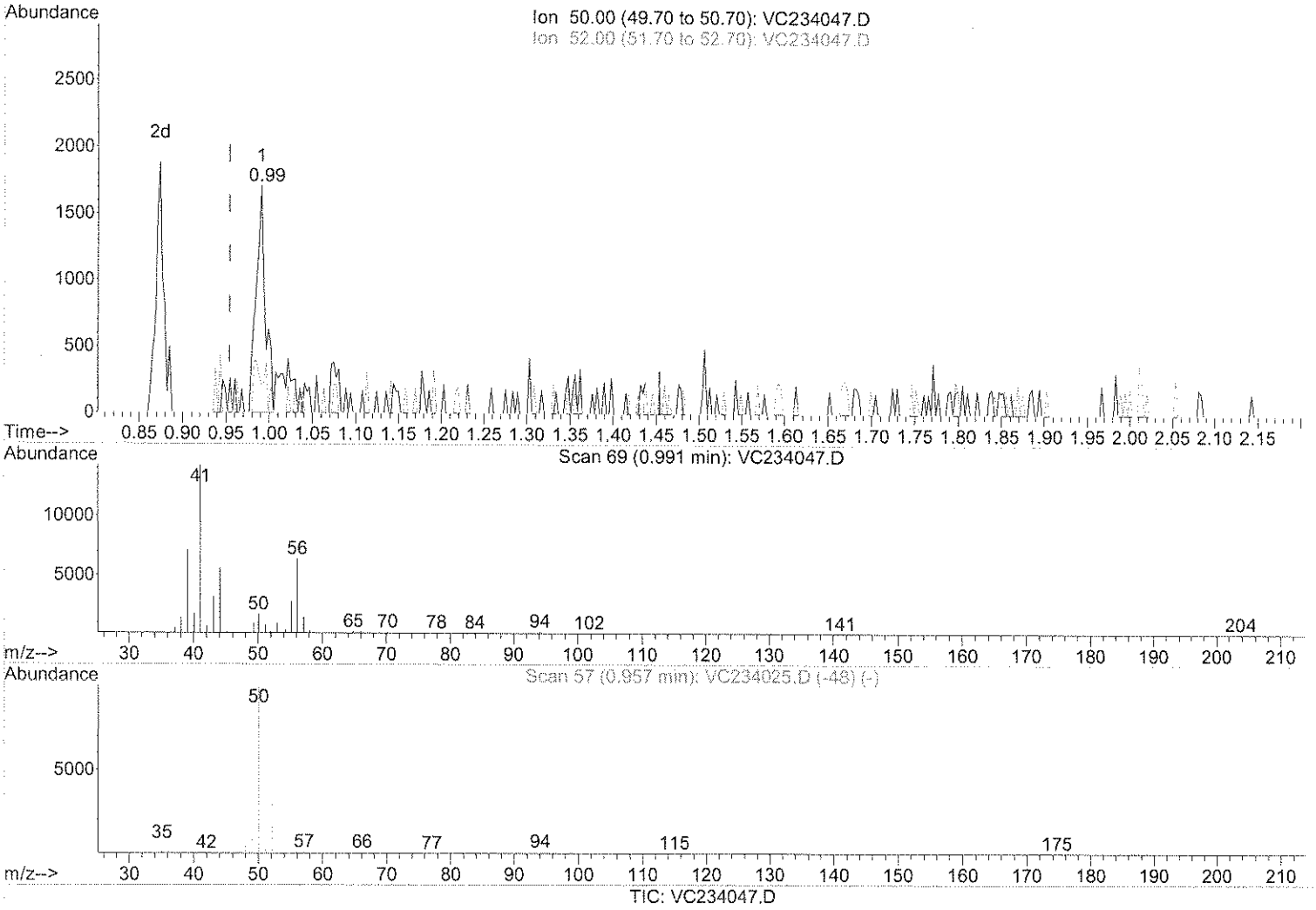
response 930

Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234047.D
Acq On : 23 Aug 2011 10:00 am
Operator :
Sample : 11H0747-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 23 12:06:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



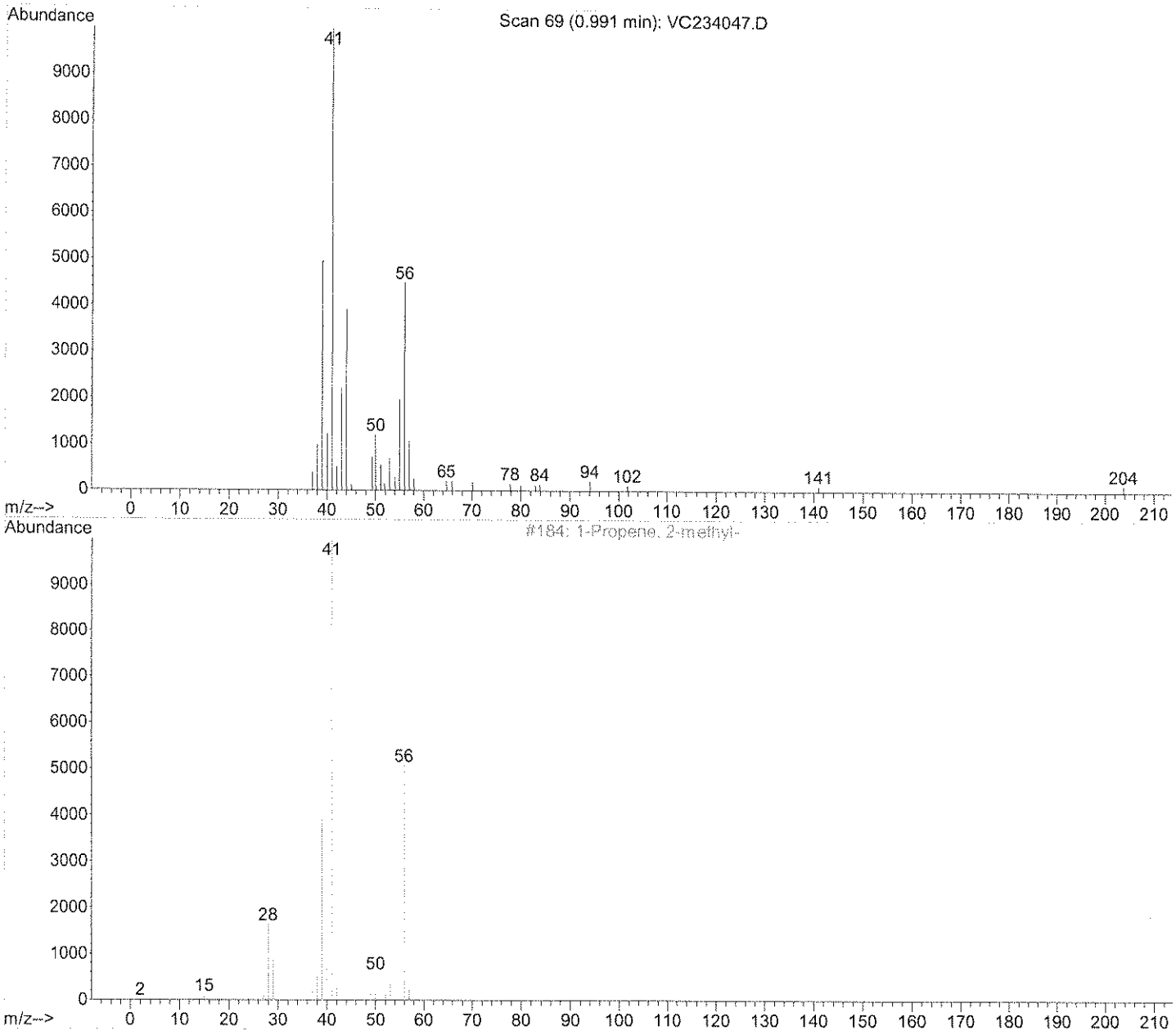
(5) CHLOROMETHANE (P)

0.991min (+0.037) 0.27UG/L

response 1282

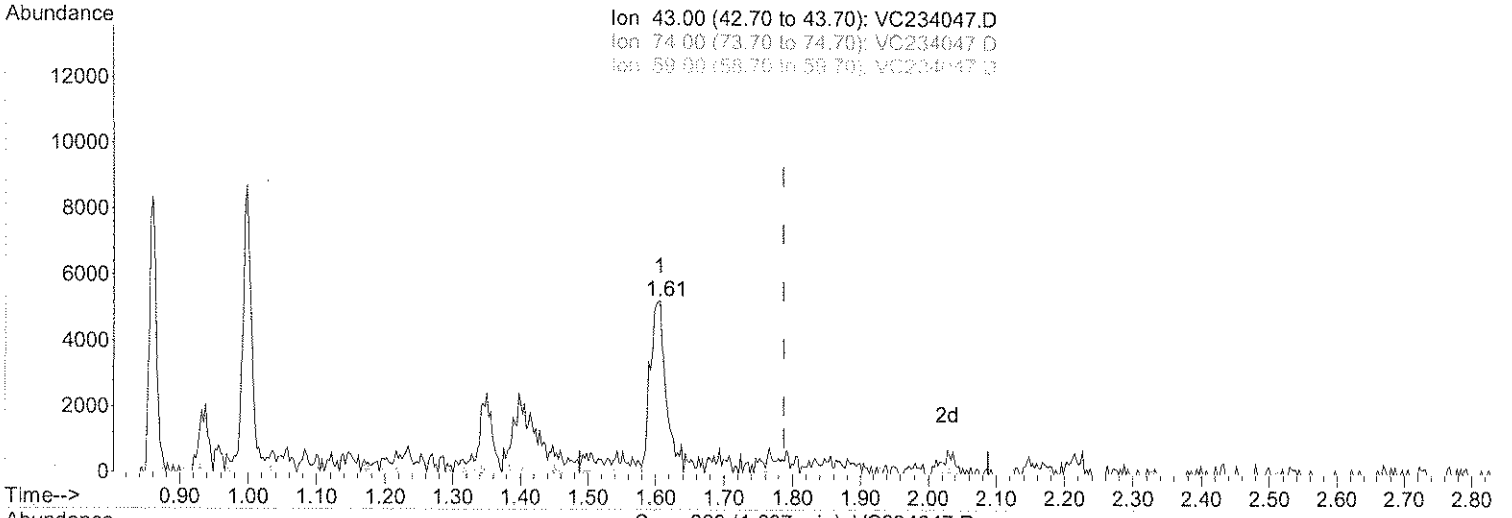
Ion	Exp%	Act%
50.00	100	100
52.00	32.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

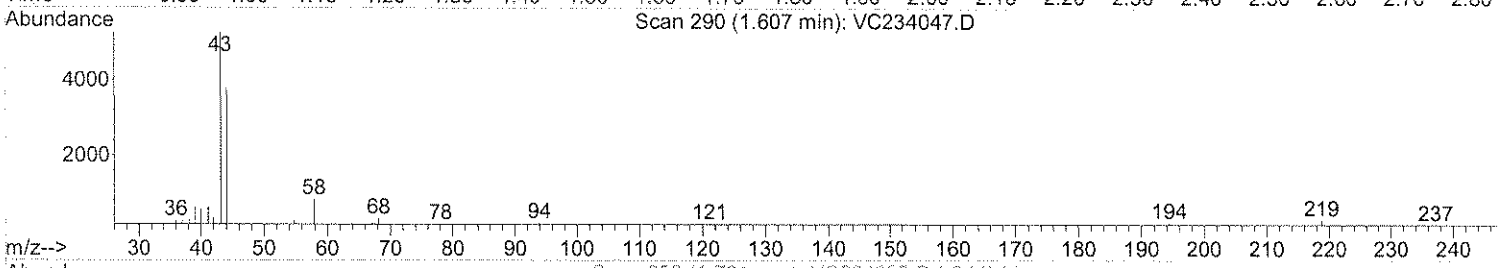
Library Searched : C:\Database\NIST05.L
Quality : 58
ID : 1-Propene, 2-methyl-

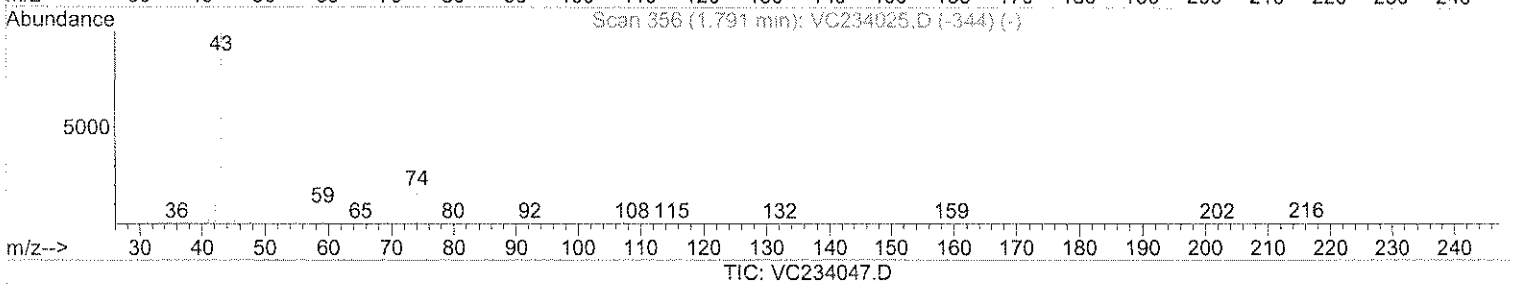


Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234047.D
Acq On : 23 Aug 2011 10:00 am
Operator :
Sample : 11H0747-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 23 12:06:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234047.D

(20) METHYL ACETATE

1.607min (-0.181) 1.56UG/L

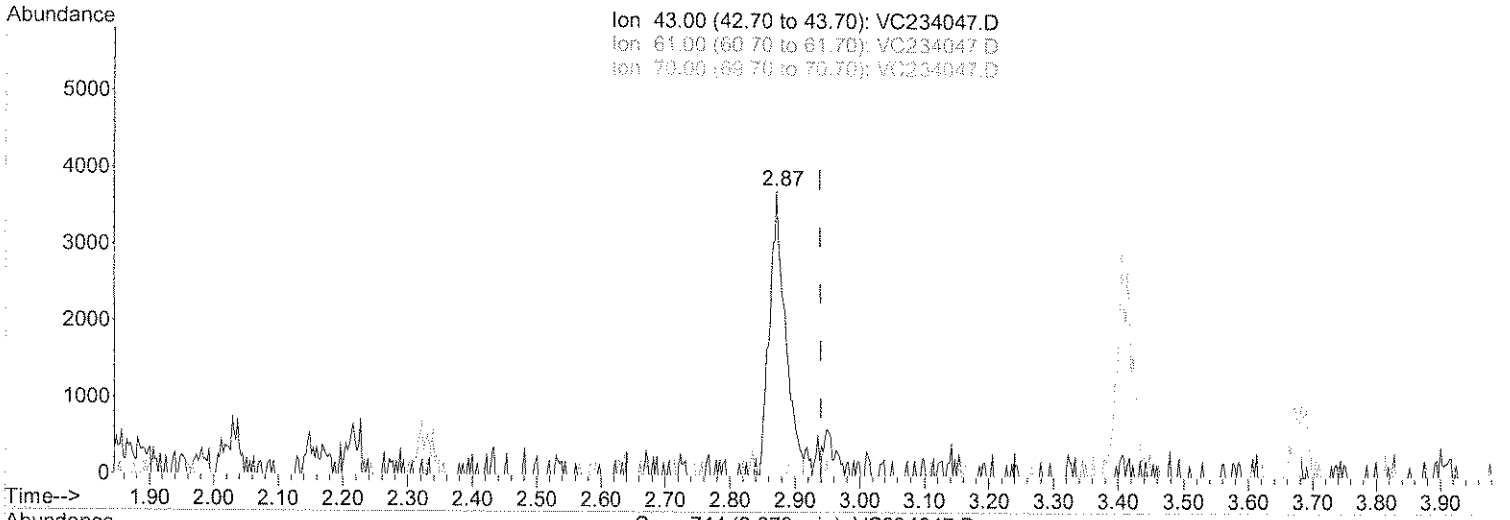
response 8660

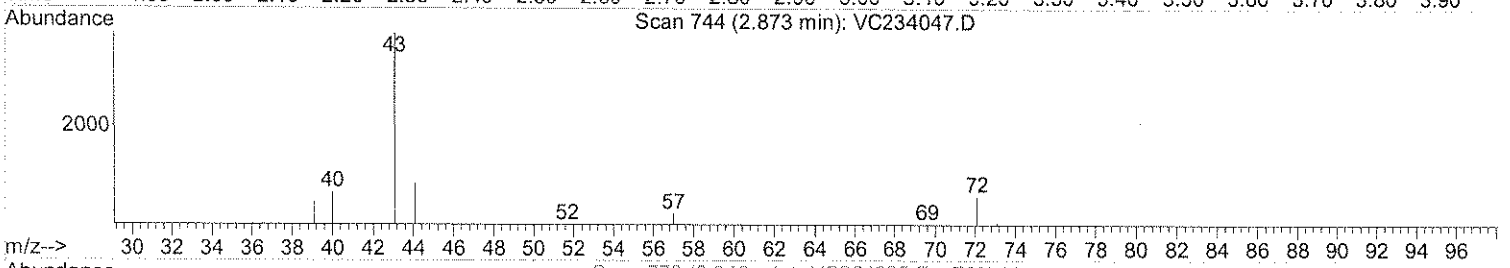
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

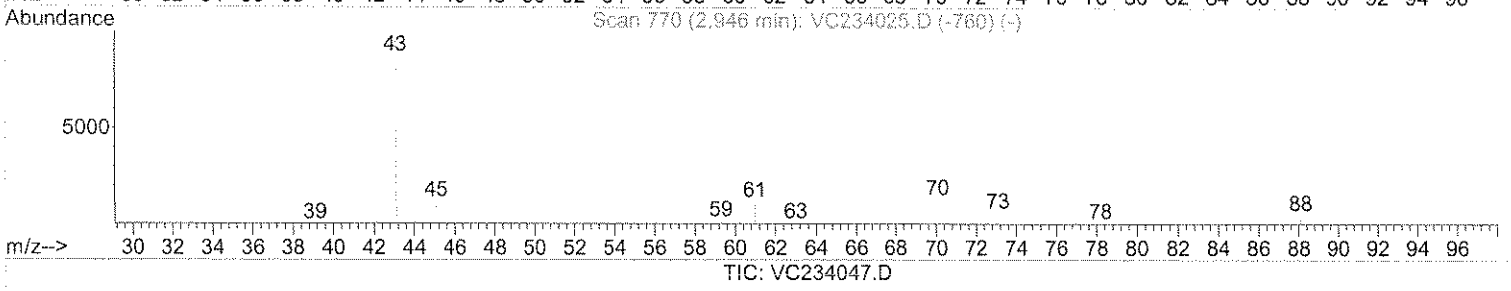
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234047.D
Acq On : 23 Aug 2011 10:00 am
Operator :
Sample : 11H0747-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 23 12:06:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234047.D

(35) ETHYL ACETATE

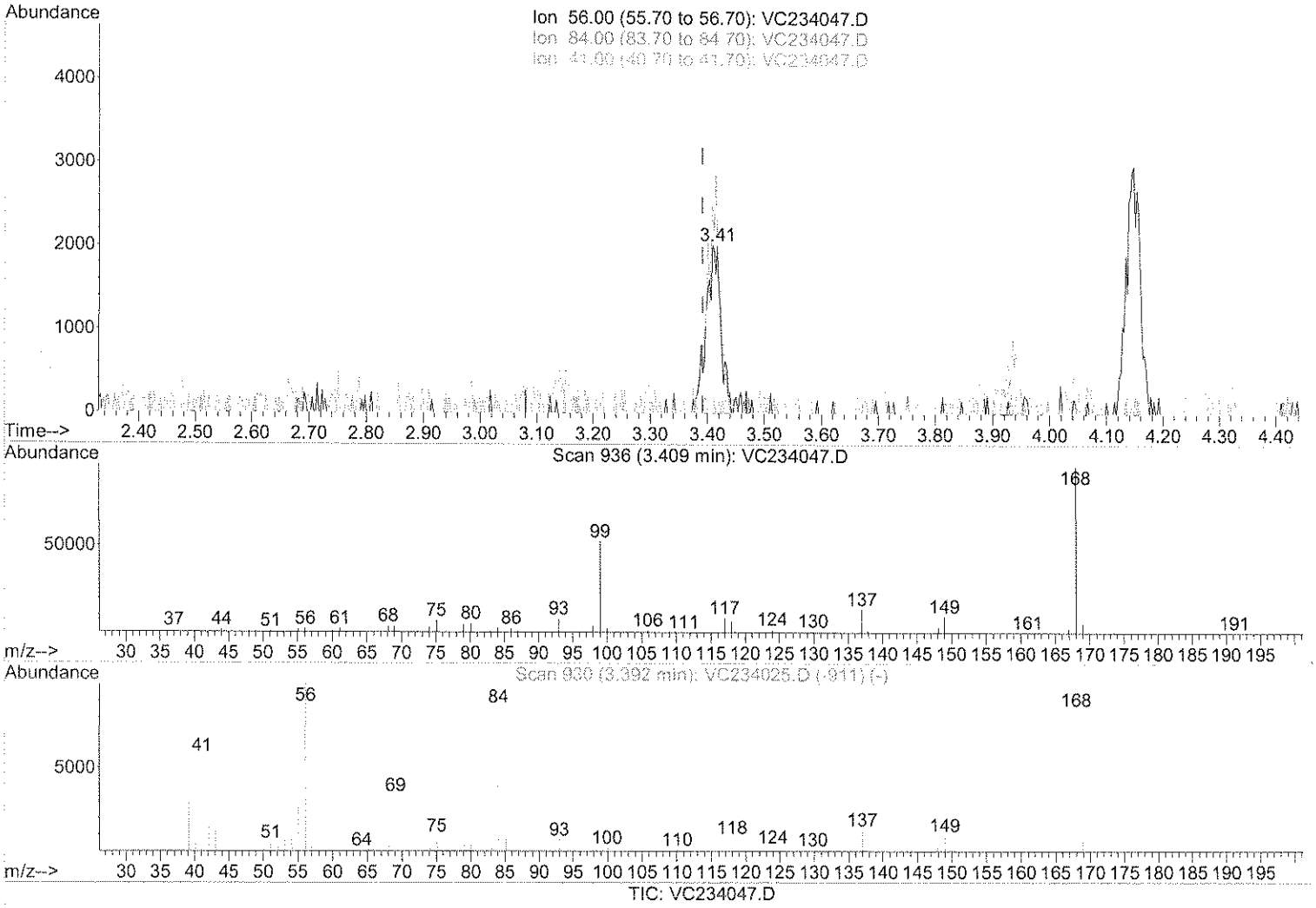
2.873min (-0.067) 1.33UG/L

response 6386

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234047.D
Acq On : 23 Aug 2011 10:00 am
Operator :
Sample : 11H0747-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 23 12:06:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234047.D

(42) CYCLOHEXANE

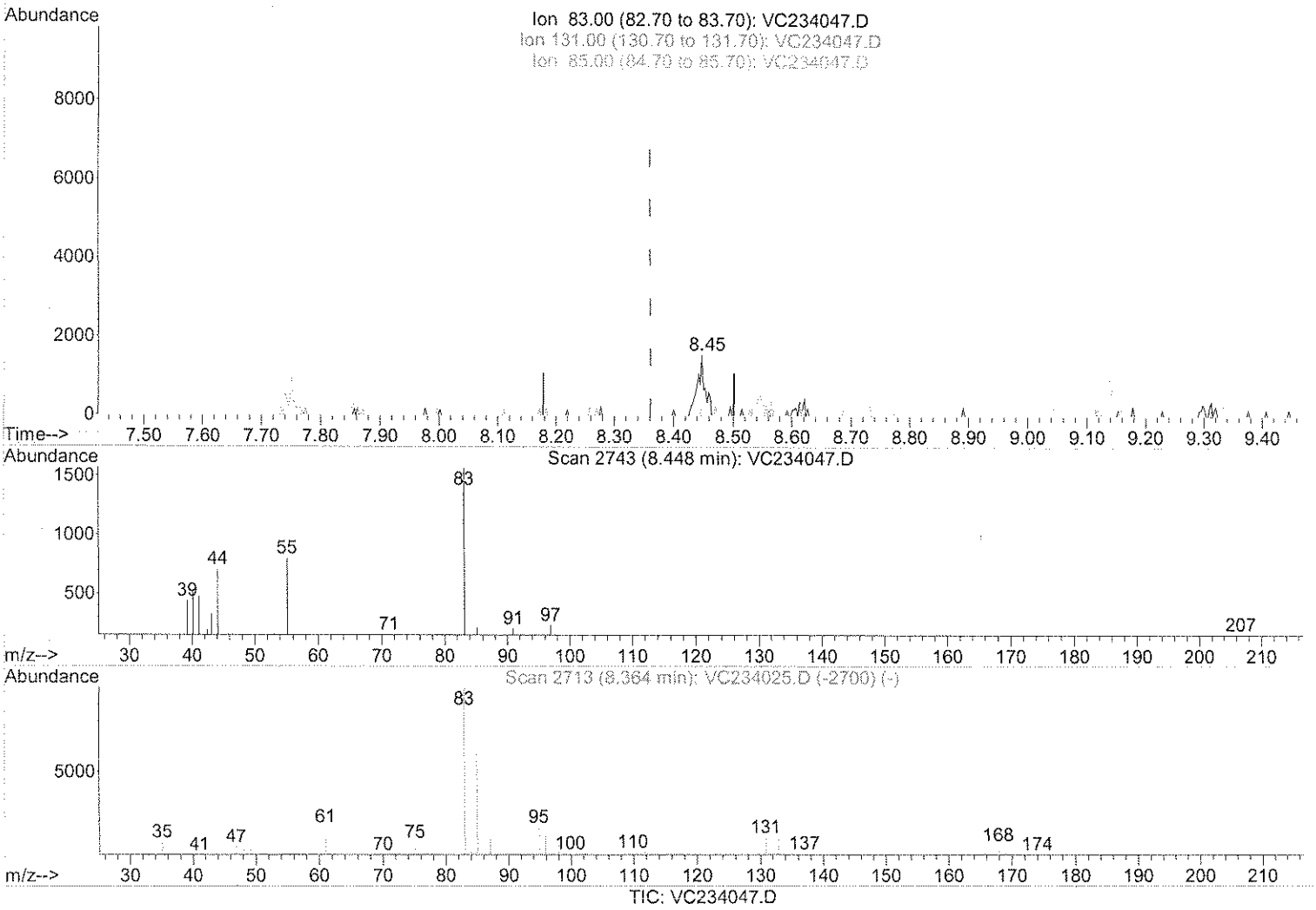
3.409min (+0.017) 0.55UG/L

response 3643

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	123.69#
41.00	62.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234047.D
Acq On : 23 Aug 2011 10:00 am
Operator :
Sample : 11H0747-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 23 12:06:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234047.D

(81) 1,1,2,2-TETRACHLOROETHANE (P)

8.448min (+0.087) 0.27UG/L

response 1411

Ion	Exp%	Act%
83.00	100	100
131.00	9.90	0.00#
85.00	62.10	0.00#
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-05	File ID:	VC234042.D
Sampled:	08/16/11 15:20	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 07:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	63	0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene	22	0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-150

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Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-05	File ID:	VC234042.D
Sampled:	08/16/11 15:20	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 07:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane	2.6	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene	1.0	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW19-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-05	File ID:	VC234042.D
Sampled:	08/16/11 15:20	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 07:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	110	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	3.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	1.7	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW19-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-05	File ID:	VC234042.D
Sampled:	08/16/11 15:20	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 07:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:45:14 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

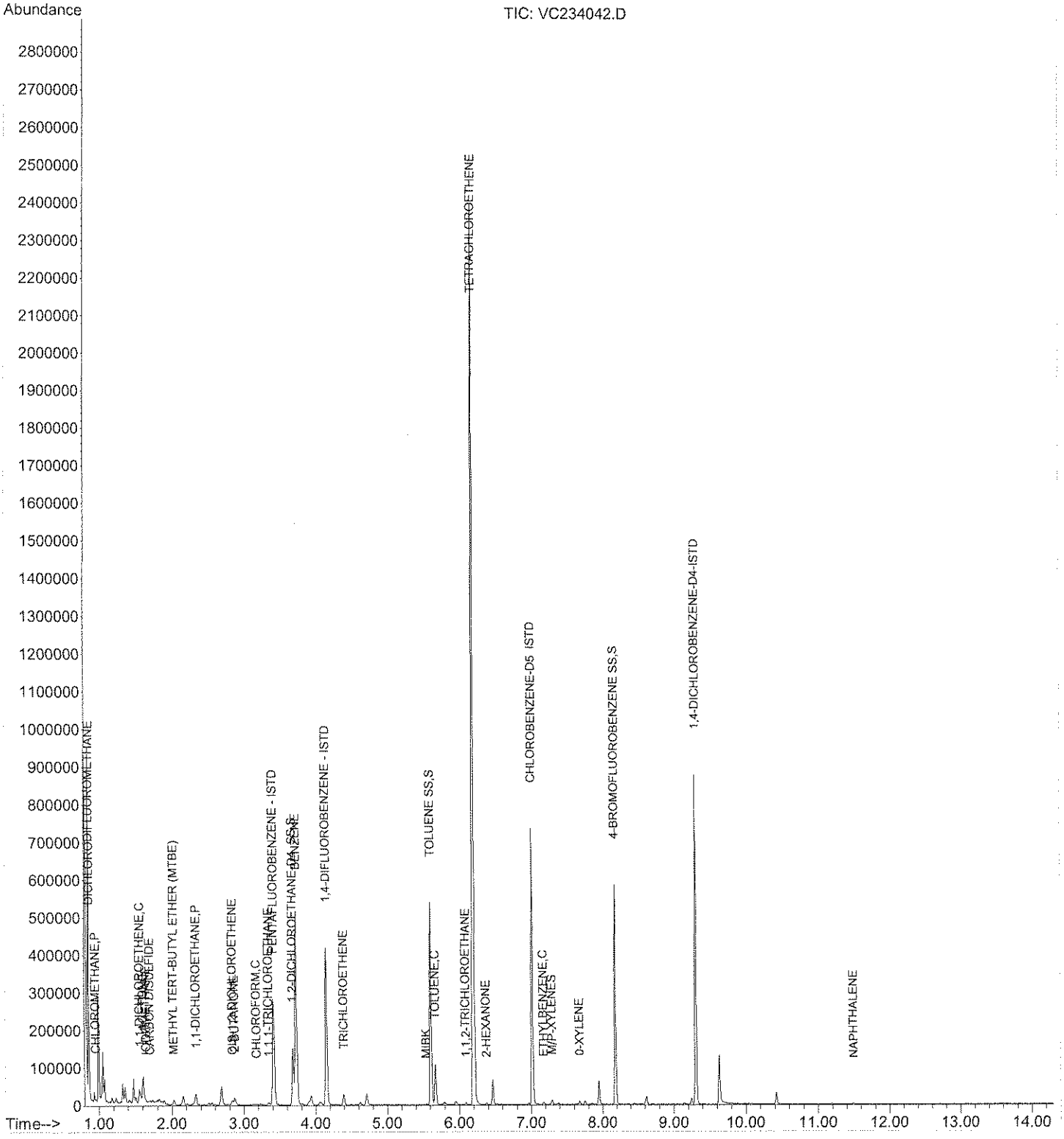
CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

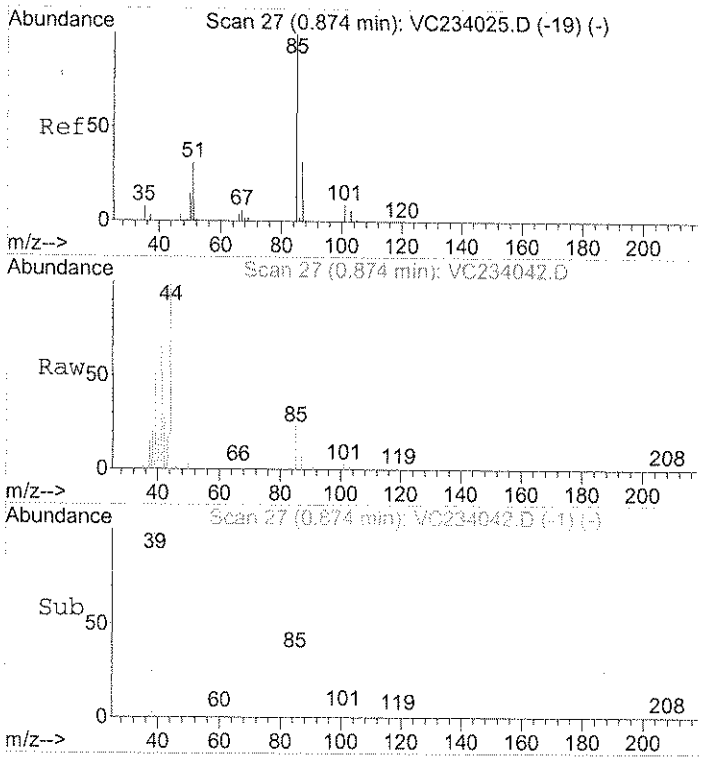
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	193863	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	297813	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	187703	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	199737	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	101892	24.84	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.36%				
49) TOLUENE SS	5.61	98	297913	25.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	149963	24.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	3022	0.48	UG/L		100
5) CHLOROMETHANE	0.96	50	2315	0.46	UG/L		91
14) ACETONE	1.60	43	65703	63.05	UG/L		99
15) 1,1-DICHLOROETHENE	1.57	61	6318	1.02	UG/L		93
17) IODOMETHANE	1.65	142	909m	0.16	UG/L		
24) CARBON DISULFIDE	1.69	76	1364	0.13	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	8160	0.59	UG/L		94
27) 1,1-DICHLOROETHANE	2.33	63	22071	2.57	UG/L		96
31) 2-BUTANONE	2.87	43	23502	12.84	UG/L		100
33) CIS-1,2-DICHLOROETHENE	2.84	61	5710	0.71	UG/L	#	73
40) CHLOROFORM	3.18	83	1715m	0.18	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.35	97	4252	0.51	UG/L	#	73
45) BENZENE	3.73	78	397496	21.89	UG/L	#	95
51) TRICHLOROETHENE	4.39	95	8845	1.72	UG/L		93
59) MIBK	5.55	43	1085m	0.28	UG/L		
61) TOLUENE	5.67	91	62725	3.18	UG/L		98
64) 1,1,2-TRICHLOROETHANE	6.09	97	1308	0.30	UG/L		94
65) 2-HEXANONE	6.38	43	2043	0.75	UG/L	#	26
66) TETRACHLOROETHENE	6.20	166	597685	108.55	UG/L		98
74) ETHYLBENZENE	7.17	91	3682	0.16	UG/L	#	85
75) M/P-XYLENES	7.29	91	5853	0.33	UG/L		99
76) O-XYLENE	7.68	91	3740	0.20	UG/L		91
102) NAPHTHALENE	11.50	128	1340m	0.10	UG/L		

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

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:45:14 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

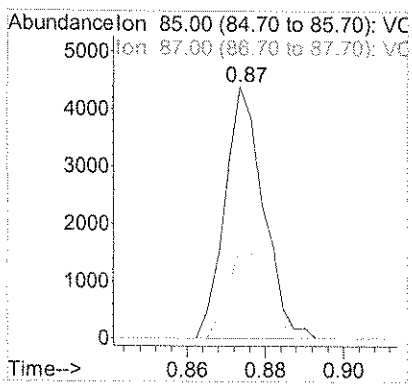


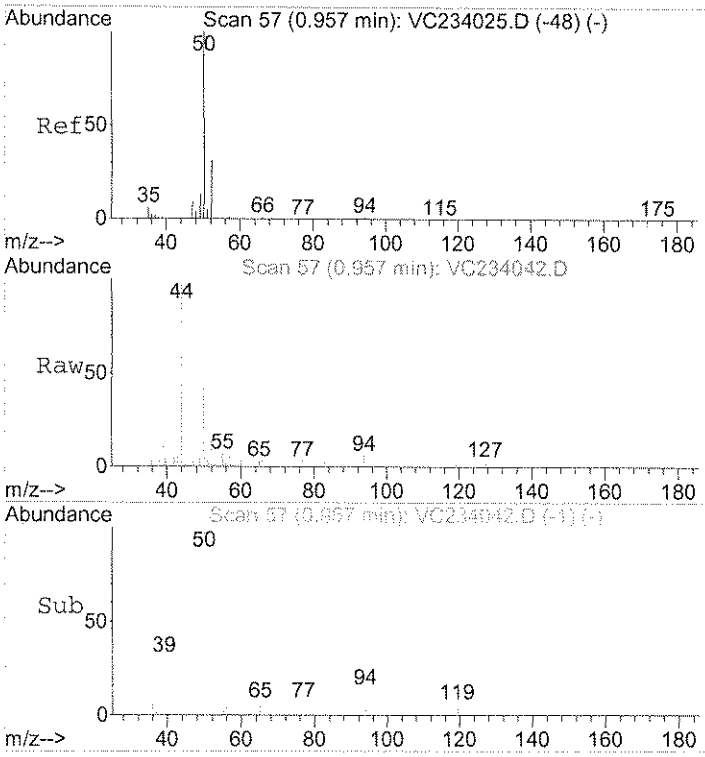


#3
DICHLORODIFLUOROMETHANE
Concen: 0.48 UG/L
RT: 0.87 min Scan# 27
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 85 Resp: 3022

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.2	39.4

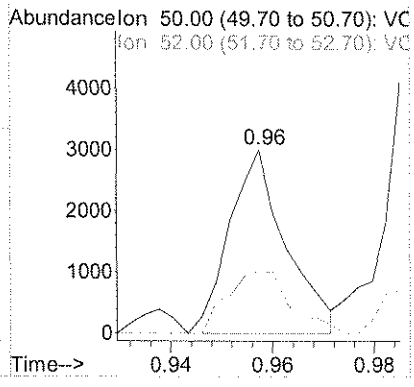


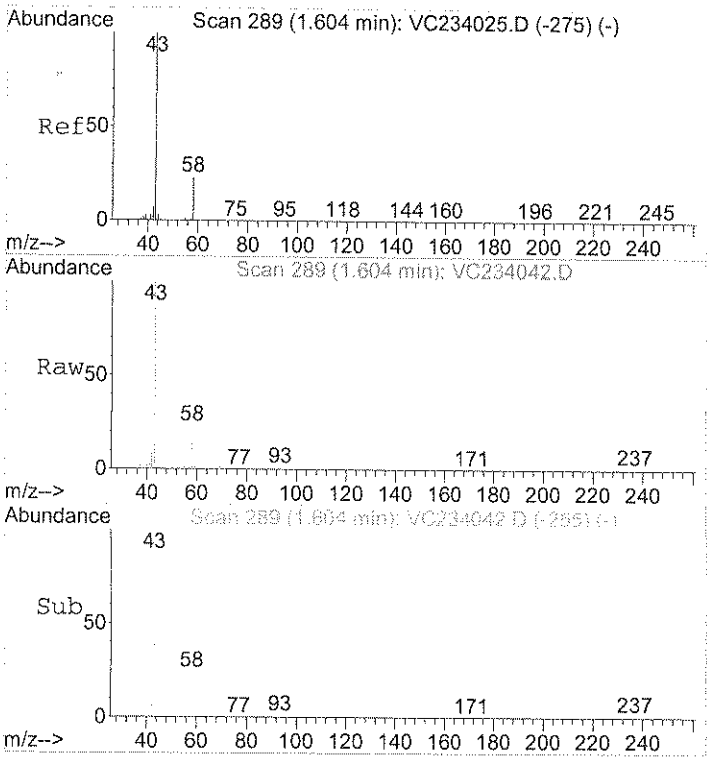


#5
CHLOROMETHANE
Concen: 0.46 UG/L
RT: 0.96 min Scan# 57
Delta R.T. 0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 50 Resp: 2315

Ion	Ratio	Lower	Upper
50	100		
52	37.5	26.1	39.1

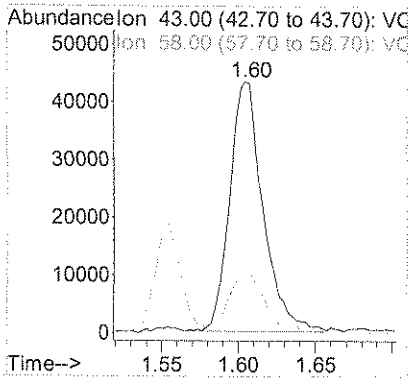


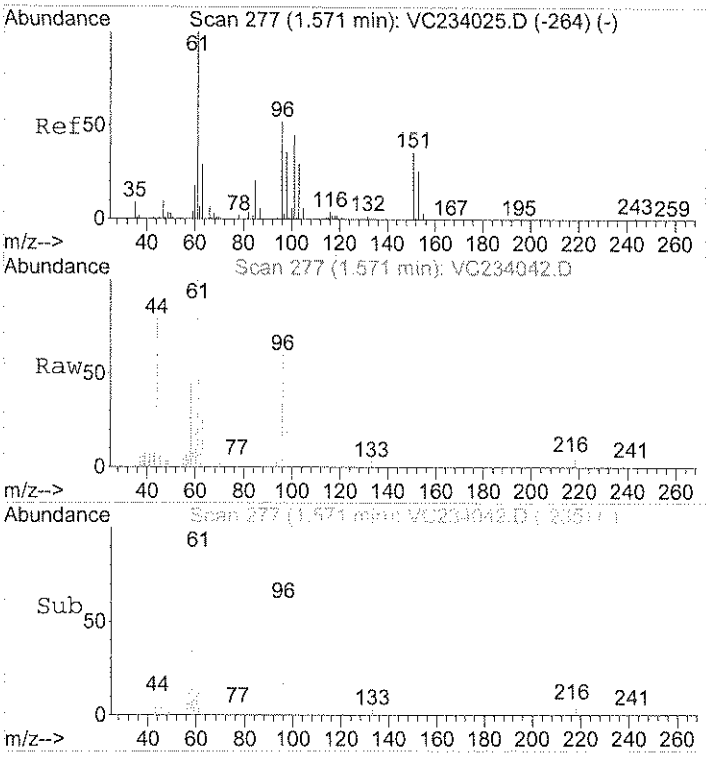


#14
ACETONE
Concen: 63.05 UG/L
RT: 1.60 min Scan# 289
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 43 Resp: 65703

Ion	Ratio	Lower	Upper
43	100		
58	25.6	20.2	30.2

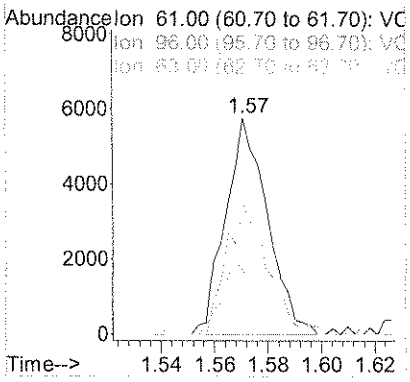


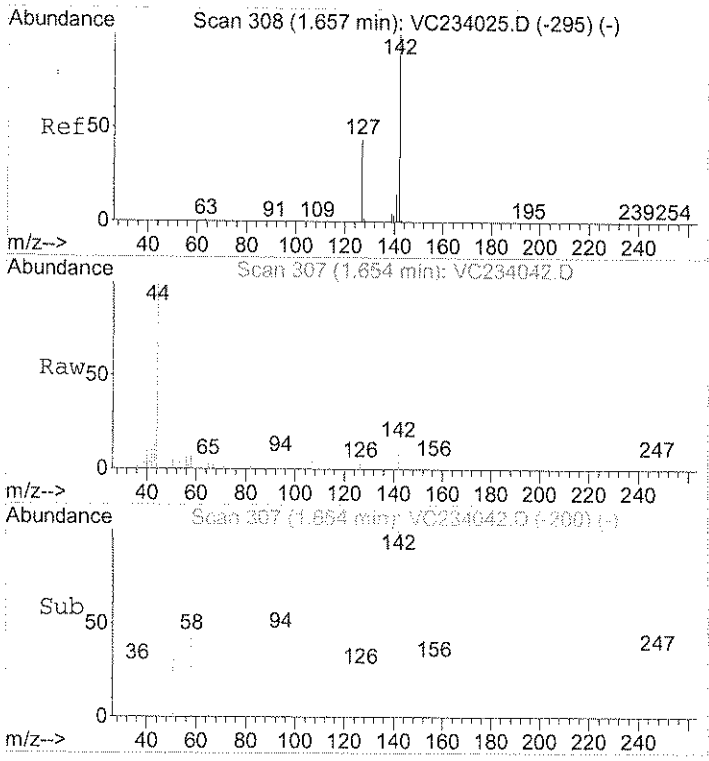


#15
1,1-DICHLOROETHENE
Concen: 1.02 UG/L
RT: 1.57 min Scan# 277
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 61 Resp: 6318

Ion	Ratio	Lower	Upper
61	100		
96	60.4	45.8	68.8
63	38.2	25.5	38.3

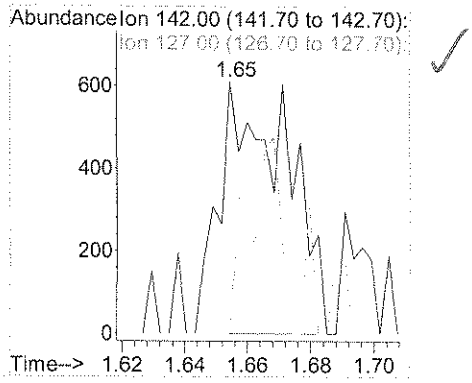


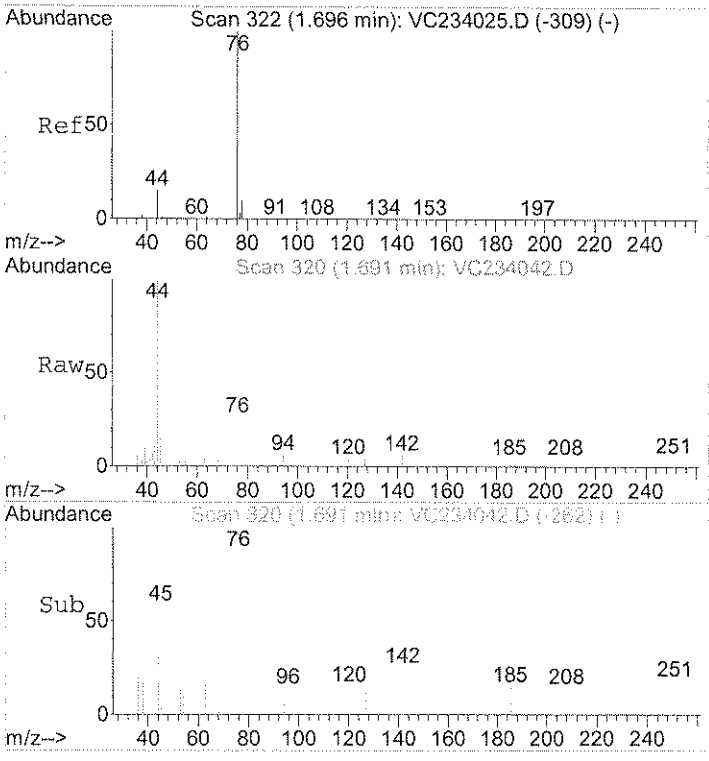


#17
IODOMETHANE
Concen: 0.16 UG/L m
RT: 1.65 min Scan# 307
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion:142 Resp: 909

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.2	48.2#

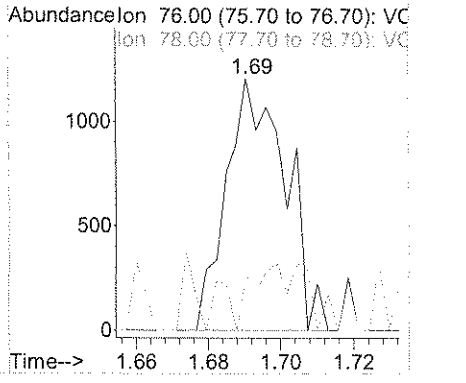


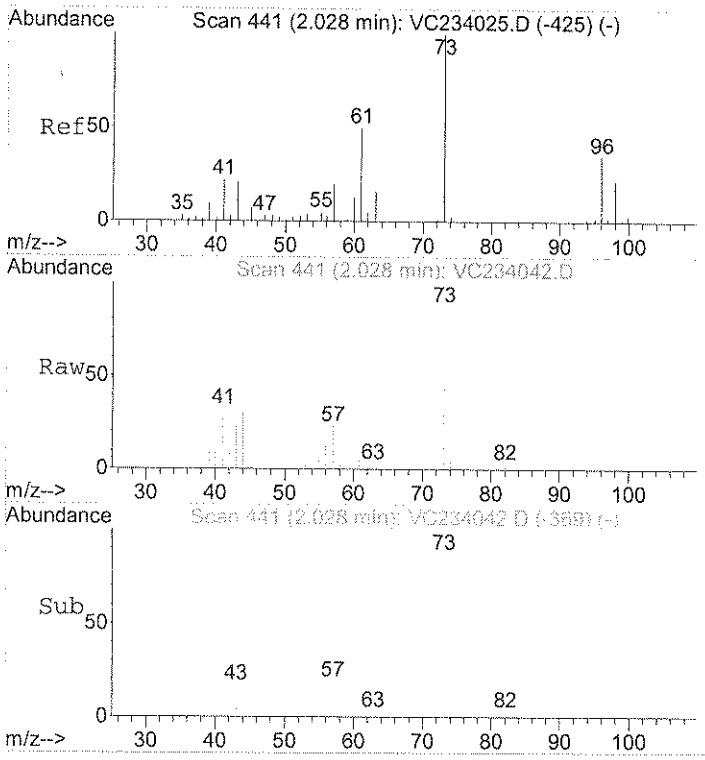


#24
CARBON DISULFIDE
Concen: 0.13 UG/L
RT: 1.69 min Scan# 320
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 76 Resp: 1364

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

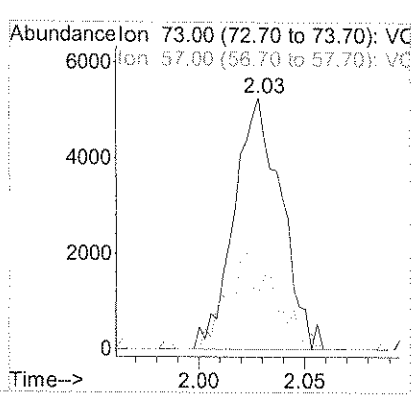


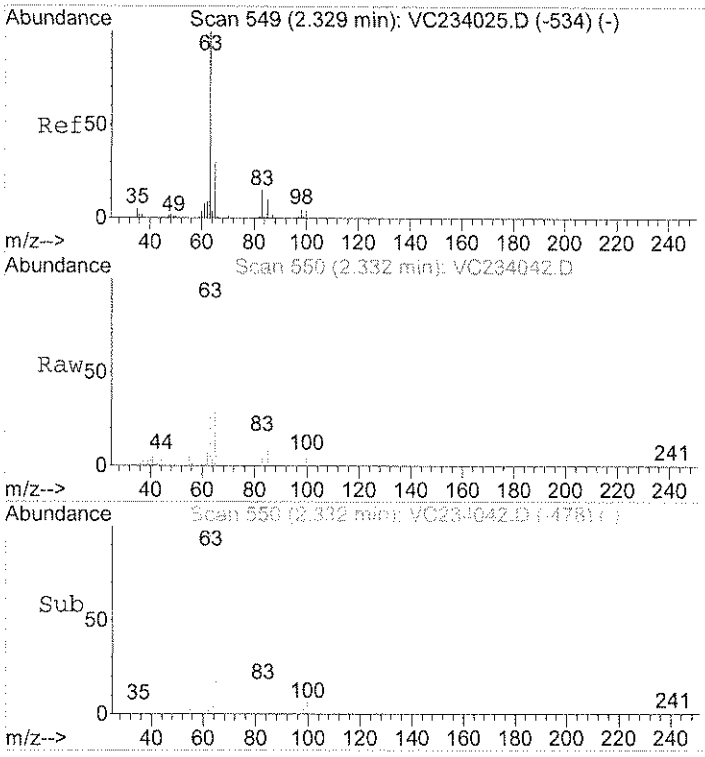


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.59 UG/L
RT: 2.03 min Scan# 441
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 73 Resp: 8160

Ion	Ratio	Lower	Upper
73	100		
57	22.4	15.8	23.8

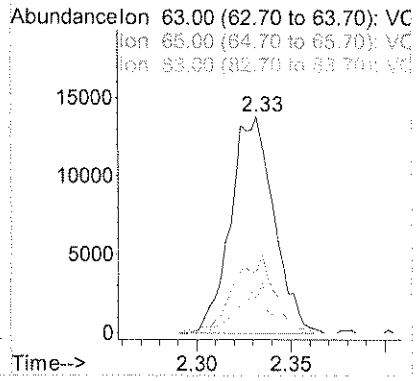


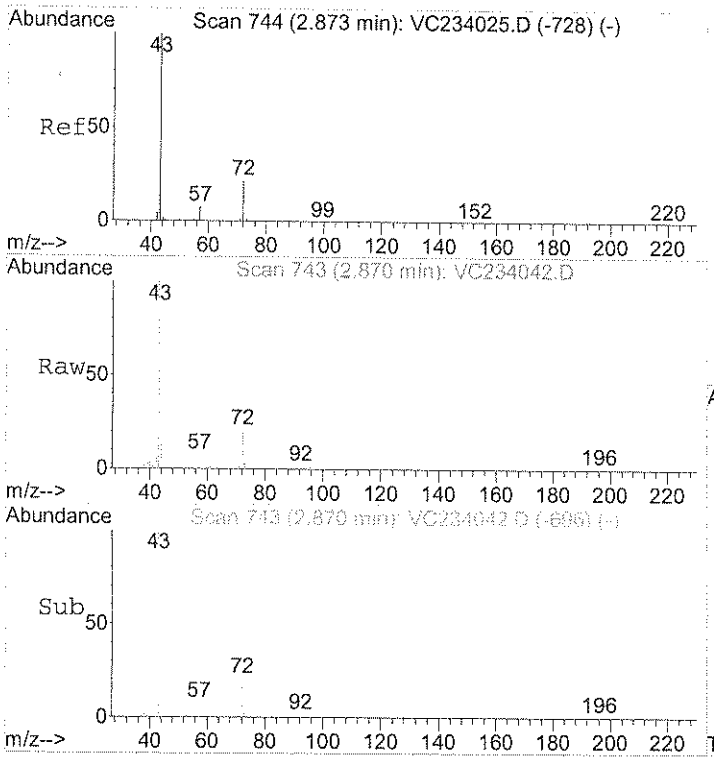


#27
1,1-DICHLOROETHANE
Concen: 2.57 UG/L
RT: 2.33 min Scan# 550
Delta R.T. 0.01 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 63 Resp: 22071

Ion	Ratio	Lower	Upper
63	100		
65	33.4	25.2	37.8
83	16.5	11.3	16.9

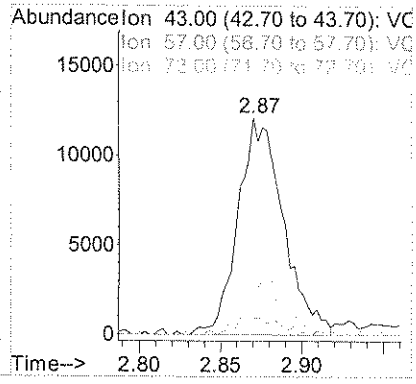


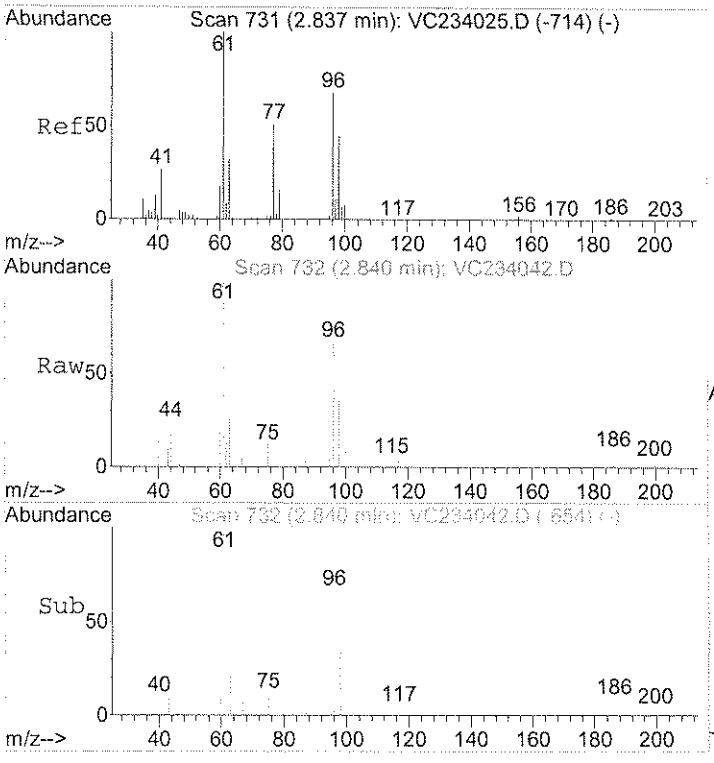


#31
2-BUTANONE
Concen: 12.84 UG/L
RT: 2.87 min Scan# 743
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 43 Resp: 23502

Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.2
72	23.7	18.9	28.3

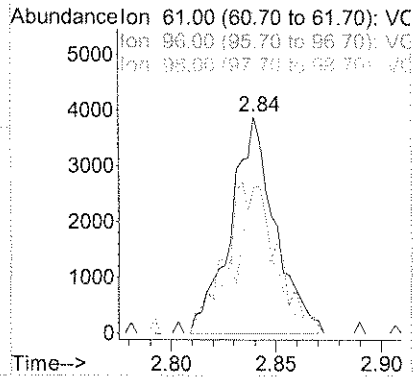


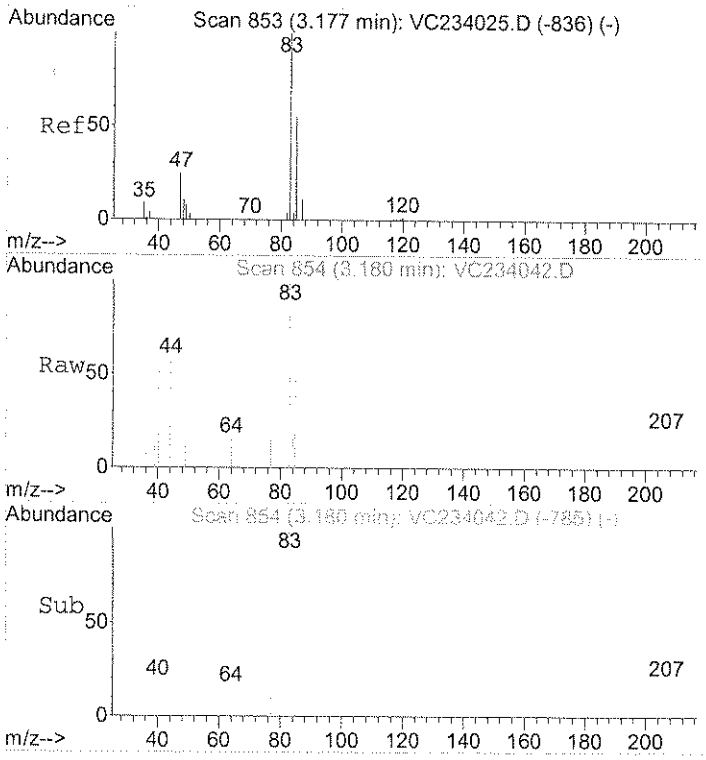


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.71 UG/L
RT: 2.84 min Scan# 732
Delta R.T. 0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 61 Resp: 5710

Ion	Ratio	Lower	Upper
61	100		
96	39.5	53.0	79.6#
98	31.2	33.9	50.9#

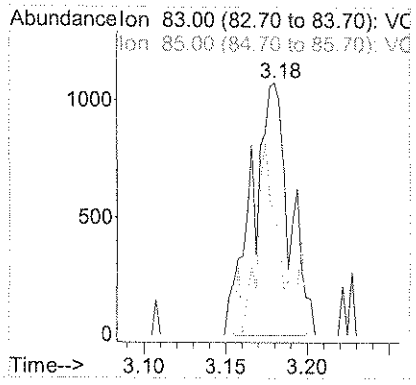


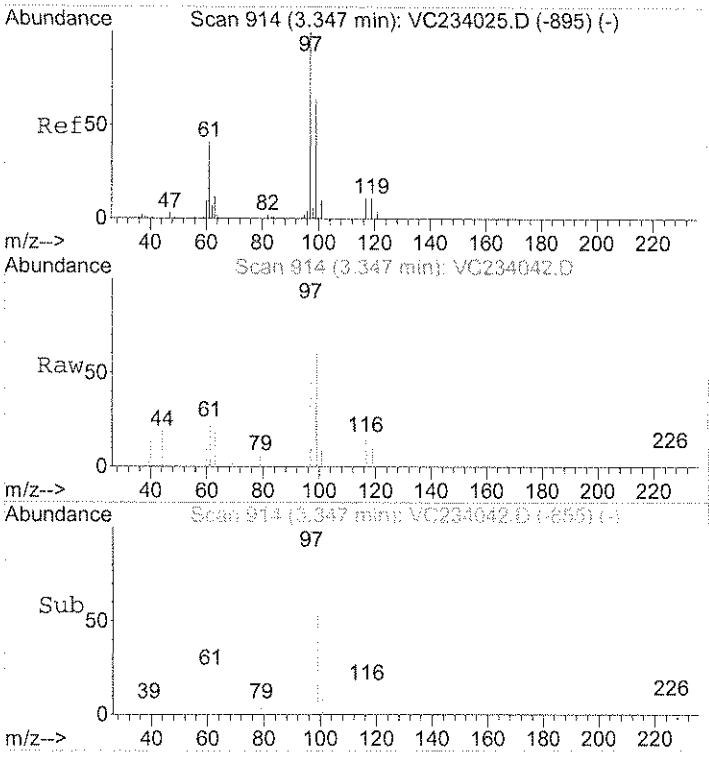


#40
CHLOROFORM
Concen: 0.18 UG/L m
RT: 3.18 min Scan# 854
Delta R.T. 0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 83 Resp: 1715

Ion	Ratio	Lower	Upper
83	100		
85	41.5	50.4	75.6#

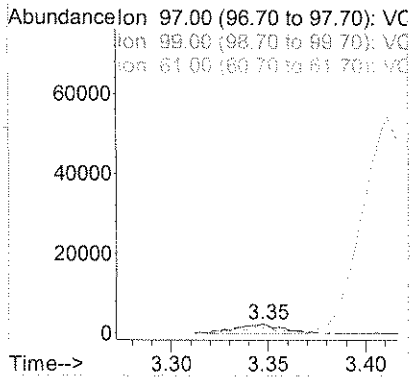


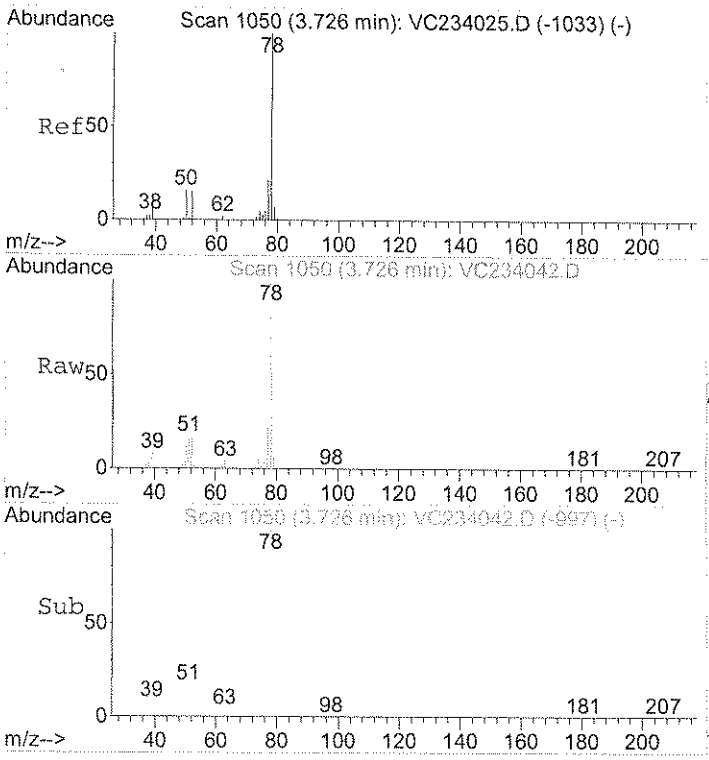


#41
1,1,1-TRICHLOROETHANE
Concen: 0.51 UG/L
RT: 3.35 min Scan# 914
Delta R.T. 0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 97 Resp: 4252

Ion	Ratio	Lower	Upper
97	100		
99	38.3	51.4	77.0#
61	29.0	32.2	48.2#

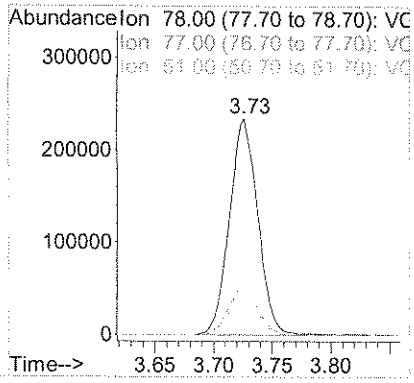


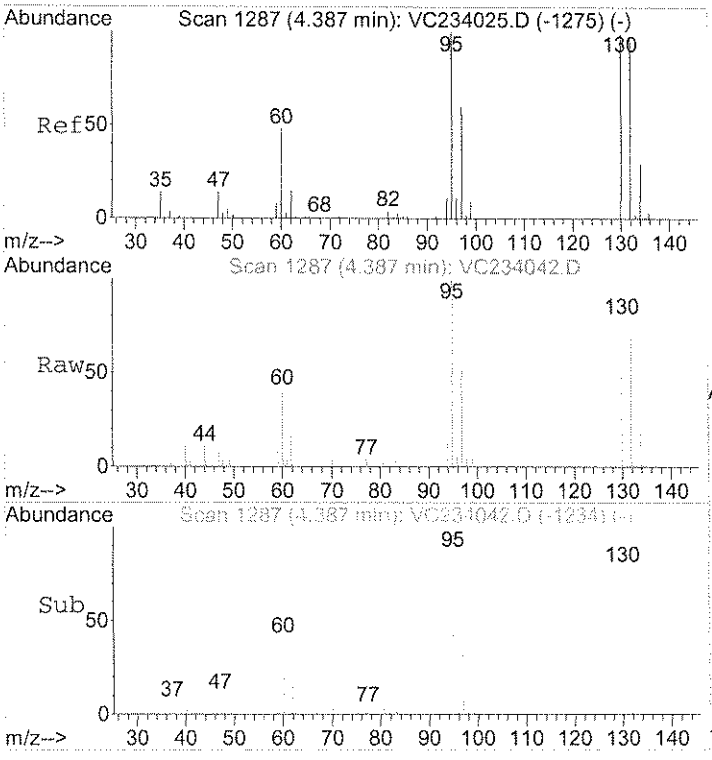


#45
BENZENE
Concen: 21.89 UG/L
RT: 3.73 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 78 Resp: 397496

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0
51	17.1	17.1	25.7#

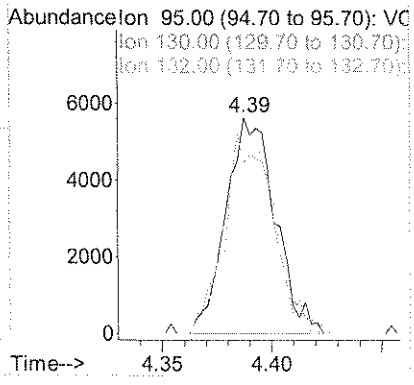


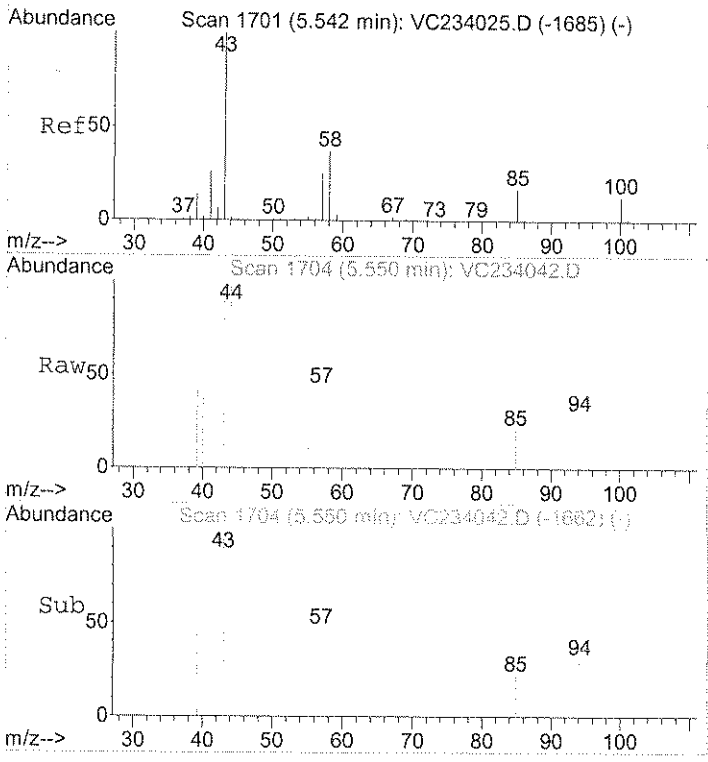


#51
TRICHLOROETHENE
Concen: 1.72 UG/L
RT: 4.39 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 95 Resp: 8845

Ion	Ratio	Lower	Upper
95	100		
130	90.3	77.3	115.9
132	86.6	74.7	112.1

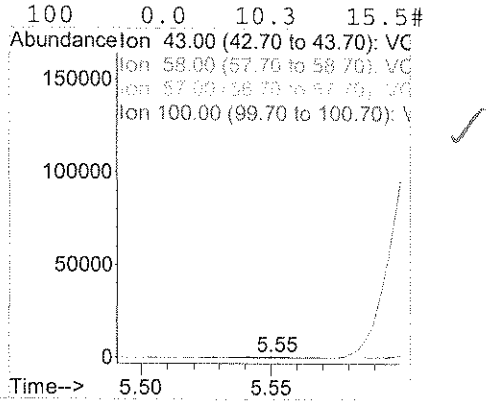


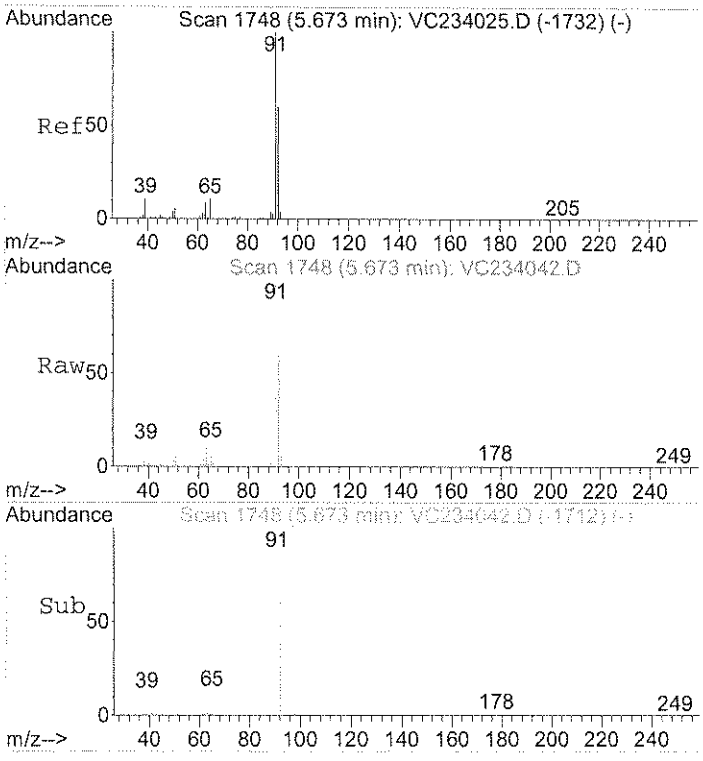


#59
MIBK
Concen: 0.28 UG/L m
RT: 5.55 min Scan# 1704
Delta R.T. 0.01 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 43 Resp: 1085

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.6	46.0#
57	0.0	20.2	30.2#
100	0.0	10.3	15.5#

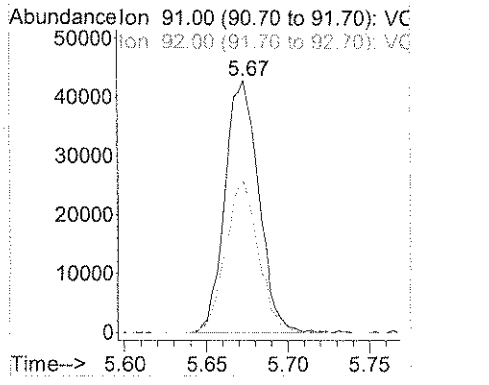


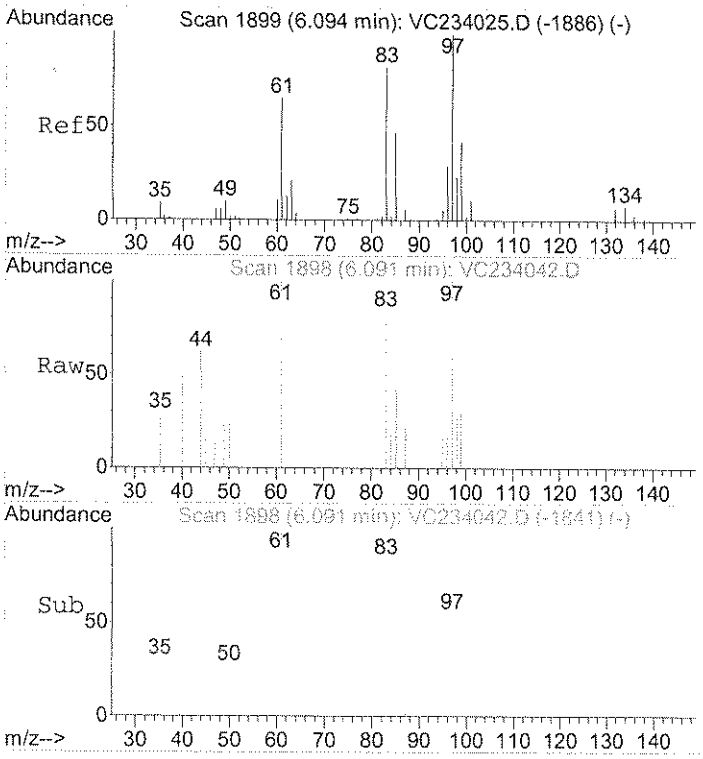


#61
TOLUENE
Concen: 3.18 UG/L
RT: 5.67 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 91 Resp: 62725

Ion	Ratio	Lower	Upper
91	100		
92	58.4	48.2	72.2

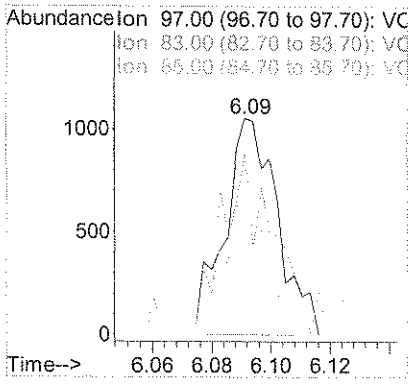


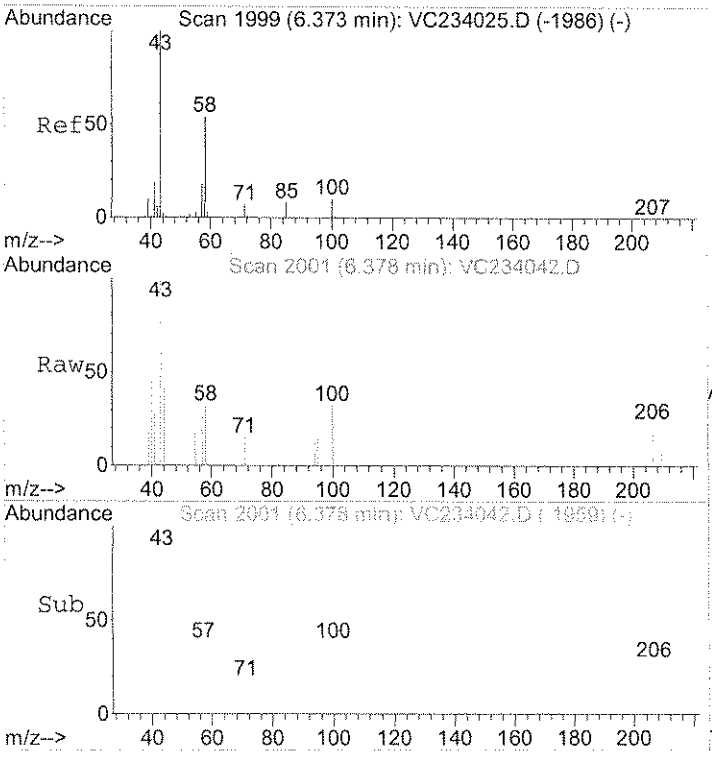


#64
1,1,2-TRICHLOROETHANE
Concen: 0.30 UG/L
RT: 6.09 min Scan# 1898
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 97 Resp: 1308

Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.1	102.1
85	44.4	43.0	64.4

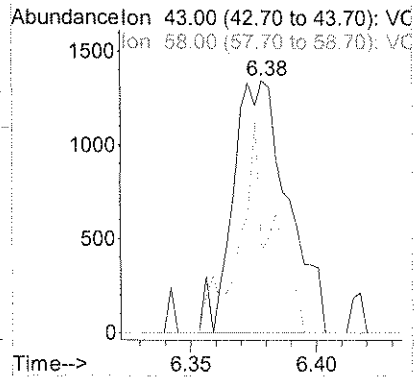


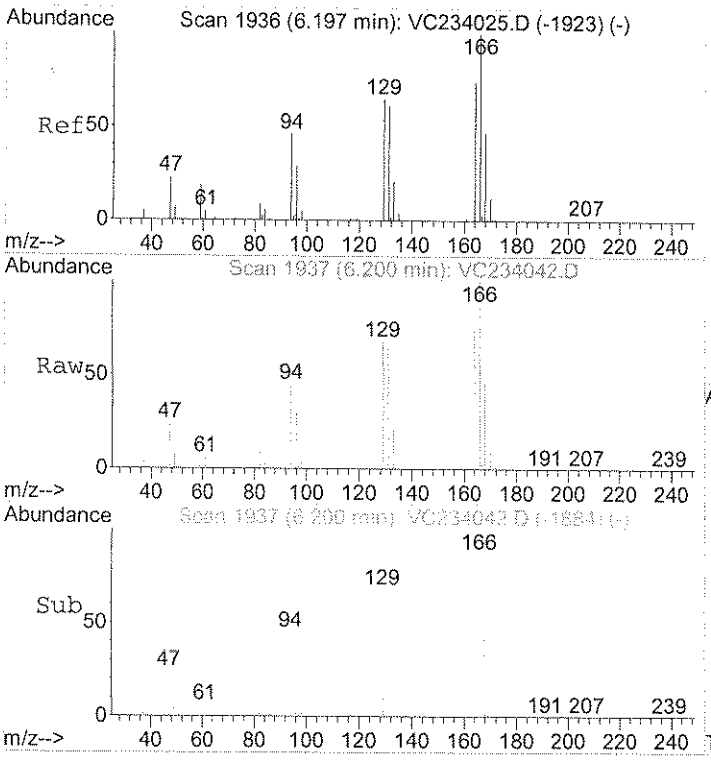


#65
2-HEXANONE
Concen: 0.75 UG/L
RT: 6.38 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 43 Resp: 2043

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.4	62.2#

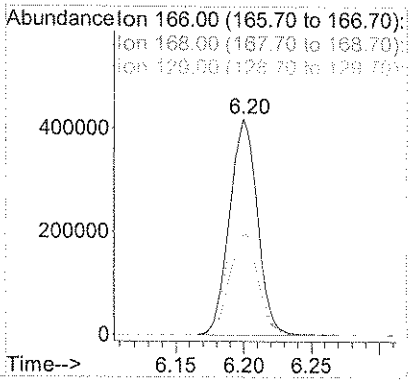


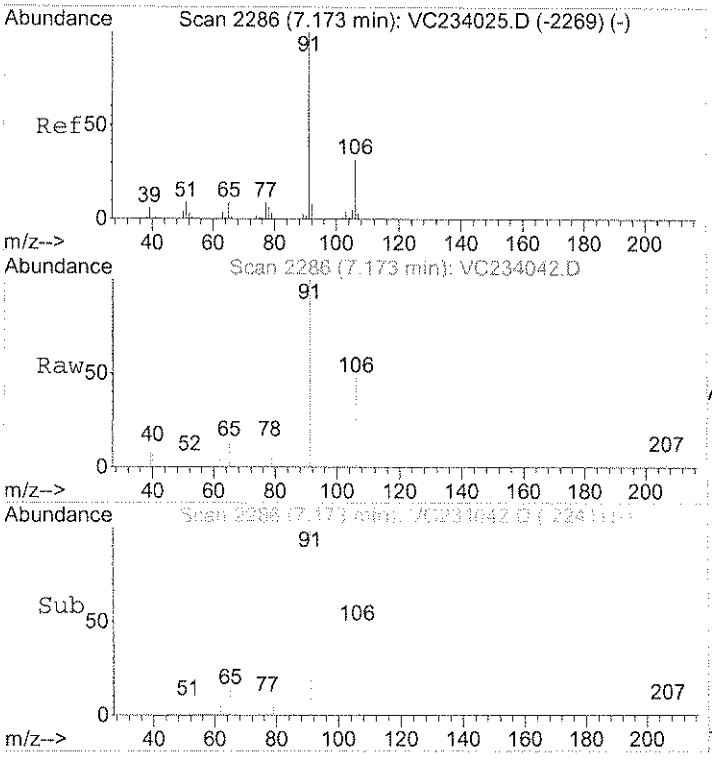


#66
TETRACHLOROETHENE
Concen: 108.55 UG/L
RT: 6.20 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion:166 Resp: 597685

Ion	Ratio	Lower	Upper
166	100		
168	47.8	38.1	57.1
129	69.1	53.6	80.4

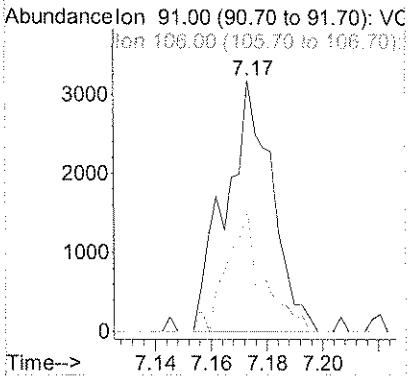


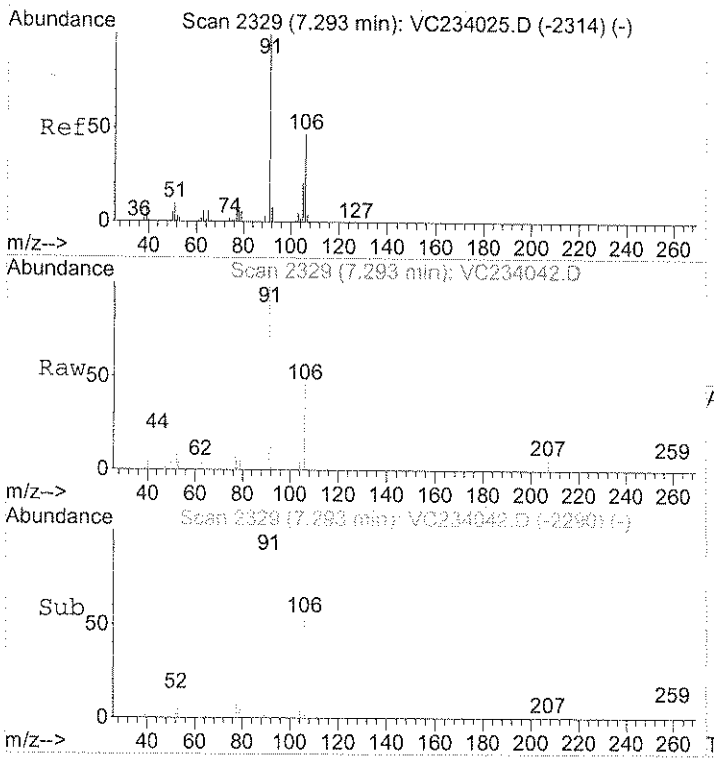


#74
ETHYLBENZENE
Concen: 0.16 UG/L
RT: 7.17 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 91 Resp: 3682

Ion	Ratio	Lower	Upper
91	100		
106	37.4	23.4	35.0#

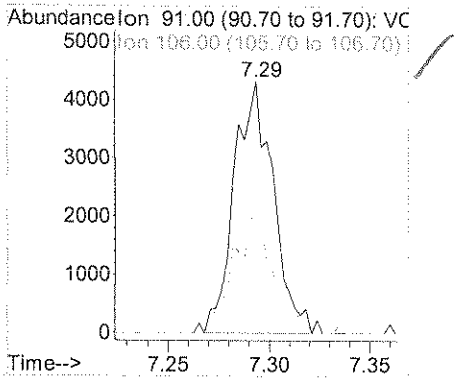


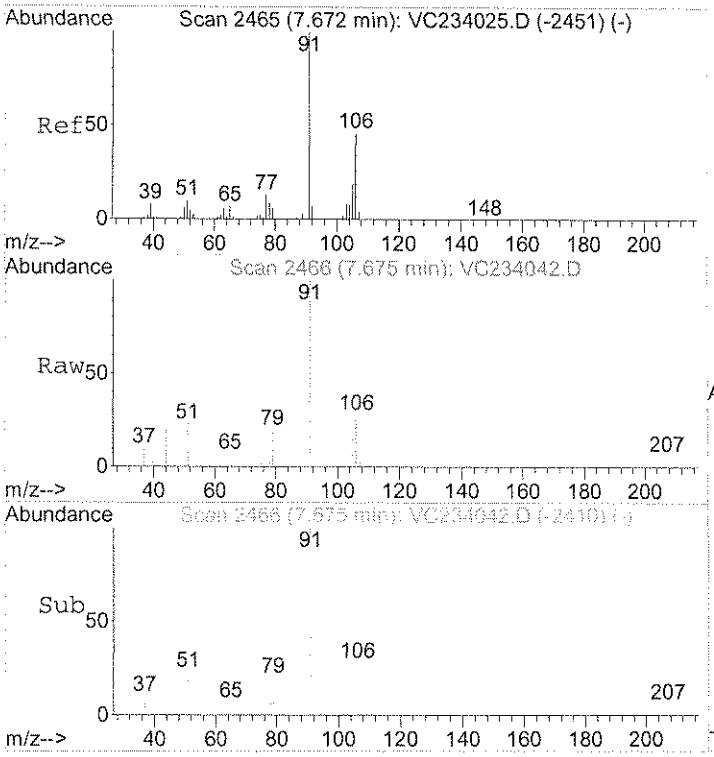


#75
M/P-XYLENES
Concen: 0.33 UG/L
RT: 7.29 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 91 Resp: 5853

Ion	Ratio	Lower	Upper
91	100		
106	47.1	37.0	55.4

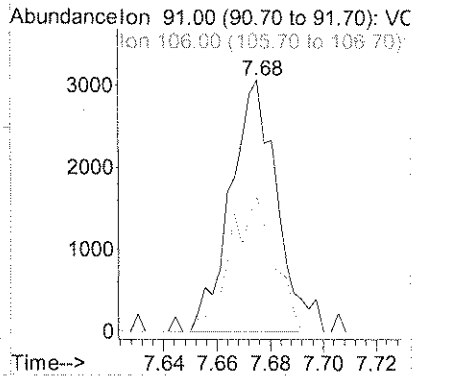


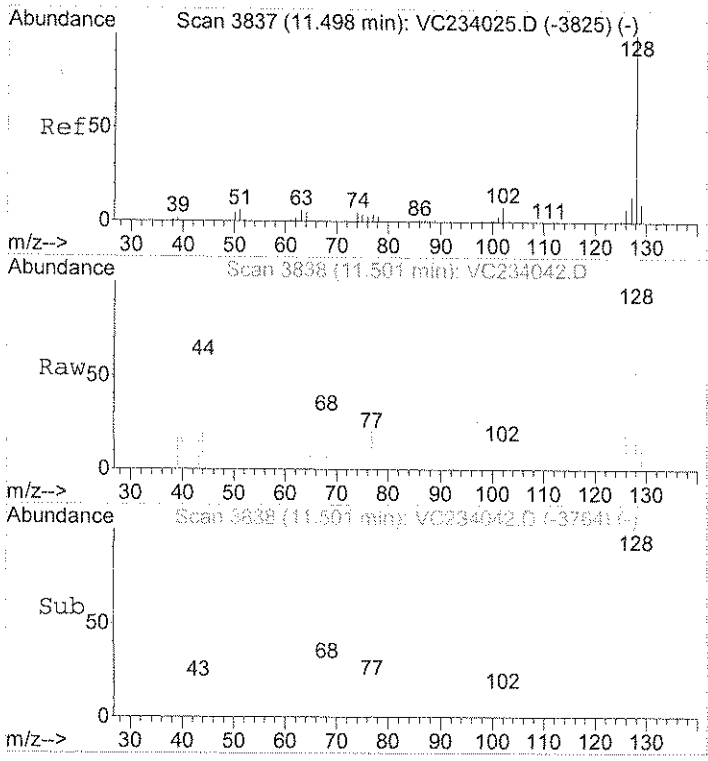


#76
O-XYLENE
Concen: 0.20 UG/L
RT: 7.68 min Scan# 2466
Delta R.T. -0.00 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

Tgt Ion: 91 Resp: 3740

Ion	Ratio	Lower	Upper
91	100		
106	50.4	35.5	53.3

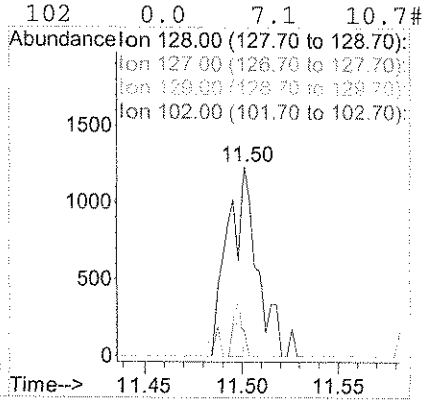




#102
NAPHTHALENE
Concen: 0.10 UG/L m
RT: 11.50 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VC234042.D
Acq: 23 Aug 2011 7:30 am

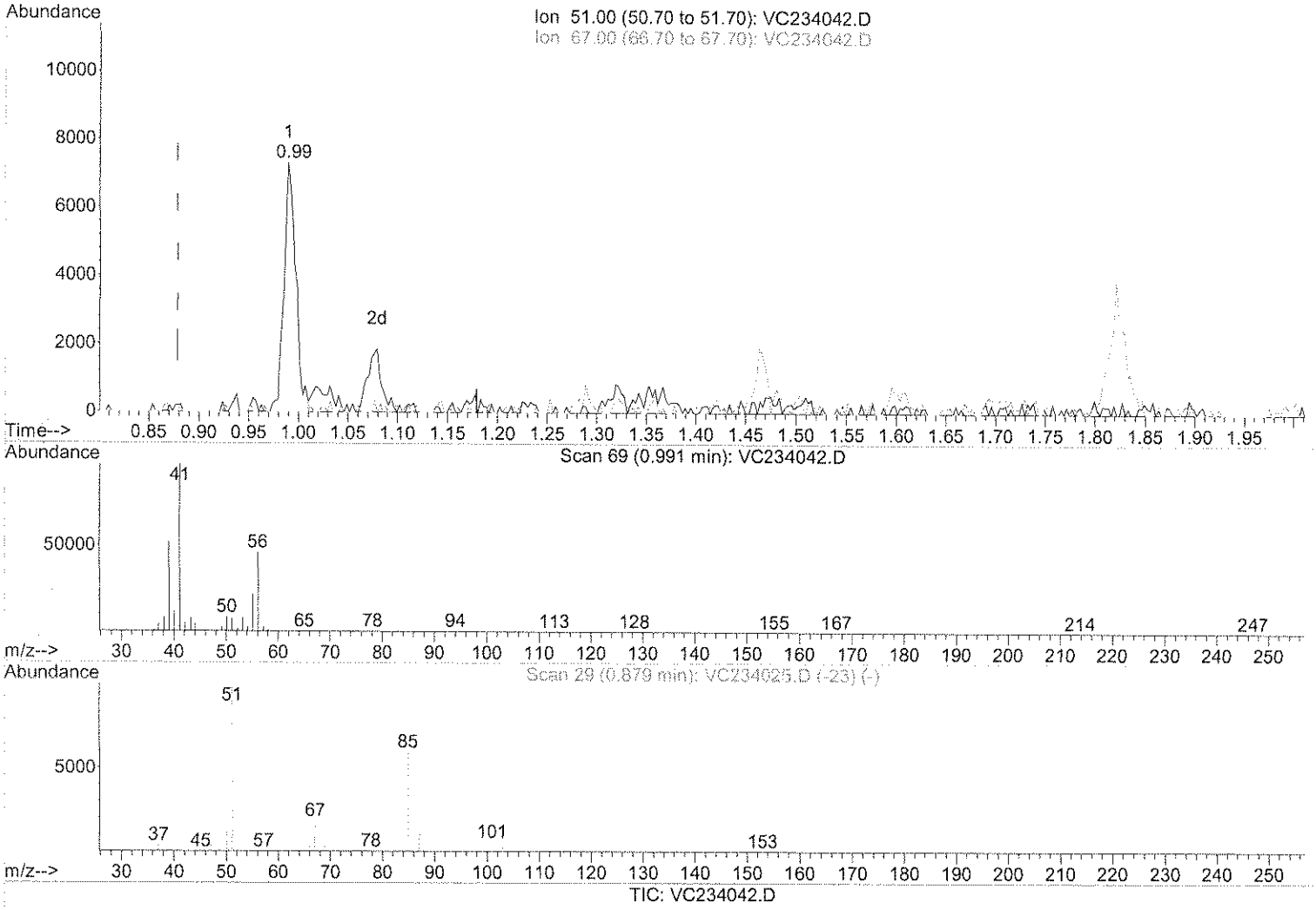
Tgt Ion:128 Resp: 1340

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.7	13.1#
102	0.0	7.1	10.7#



Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:06:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234042.D

(4) DIFLUOROCHLOROMETHANE

0.991min (+0.112) 0.89UG/L

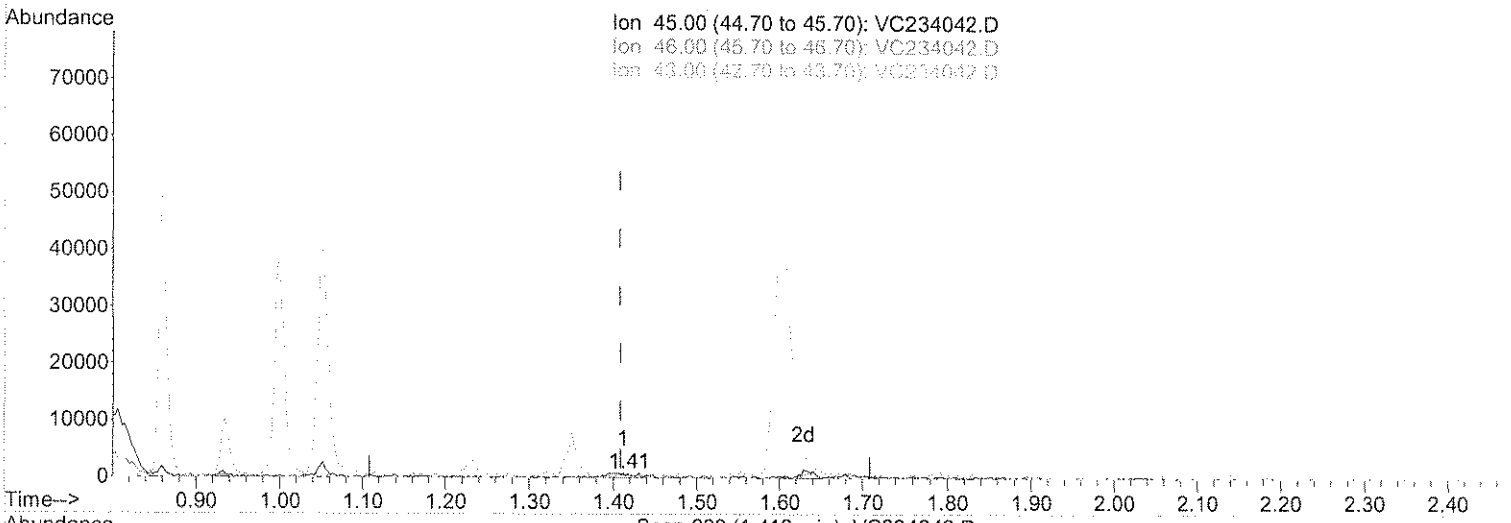
response 6097

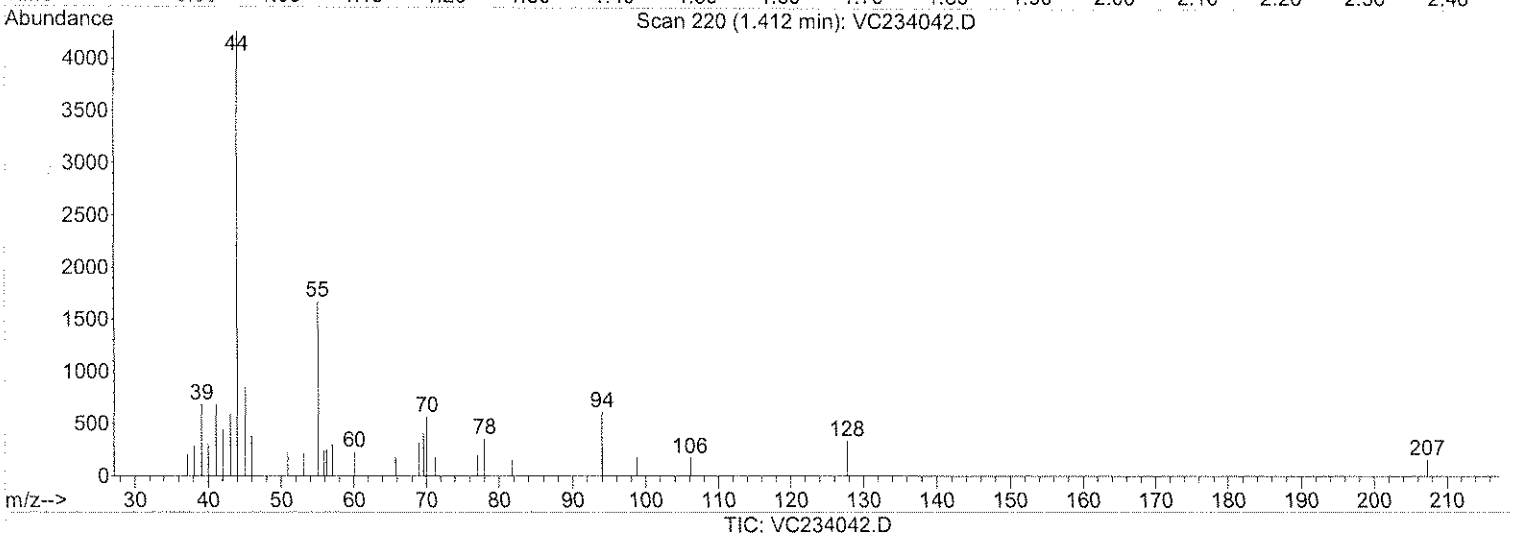
Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:06:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration





(11) ETHANOL

1.412min (+0.003) 6.23UG/L

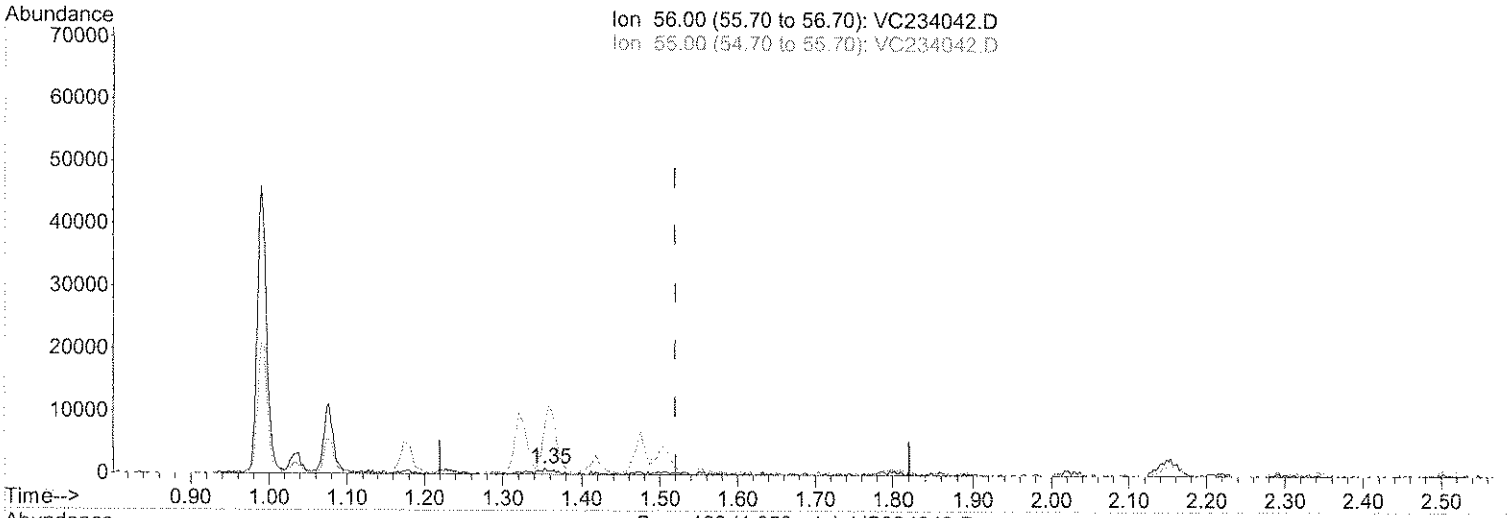
response 1682

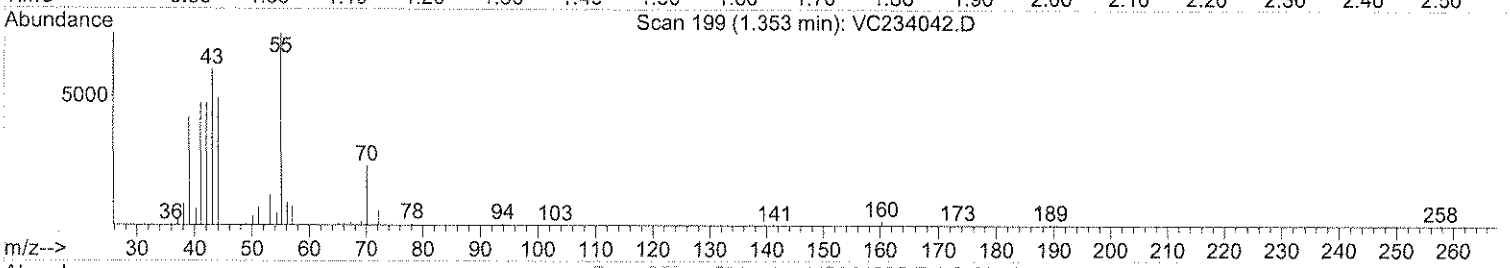
Ion	Exp%	Act%
45.00	100	100
46.00	38.40	0.00#
43.00	21.90	403.75#
0.00	0.00	0.00

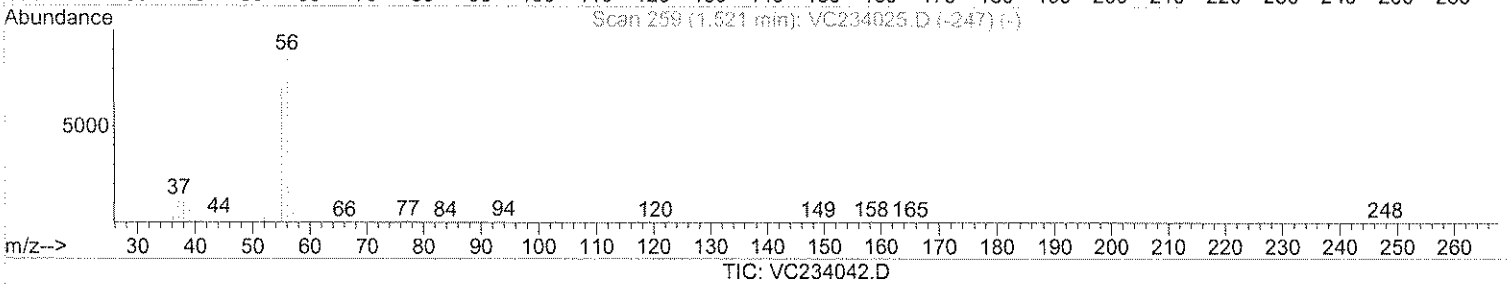
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:06:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234042.D

(13) ACROLEIN

1.353min (-0.167) 2.84UG/L

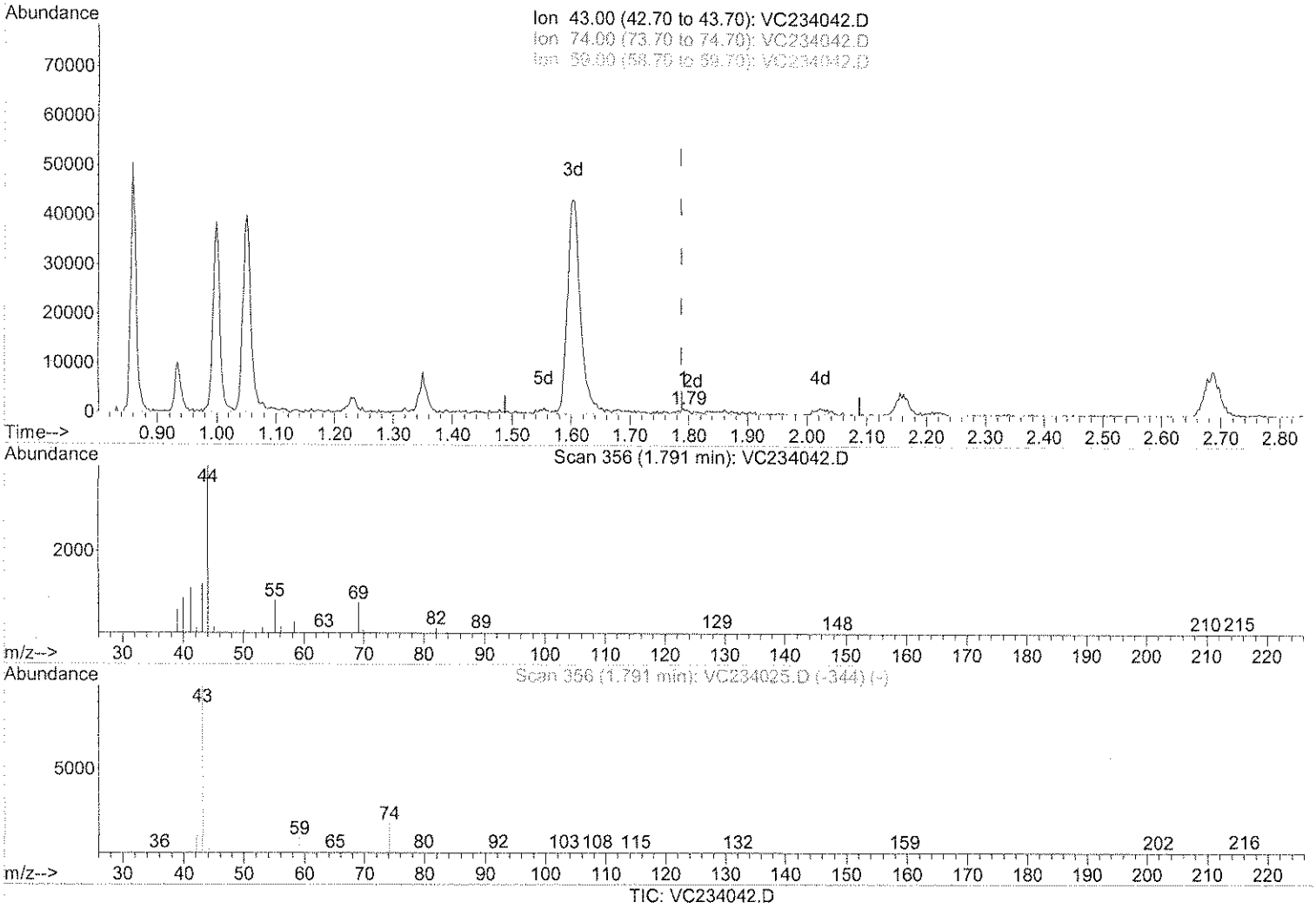
response 1120

Ion	Exp%	Act%
56.00	100	100
55.00	75.70	1127.50#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:06:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234042.D

(20) METHYL ACETATE

1.791min (+0.003) 0.27UG/L

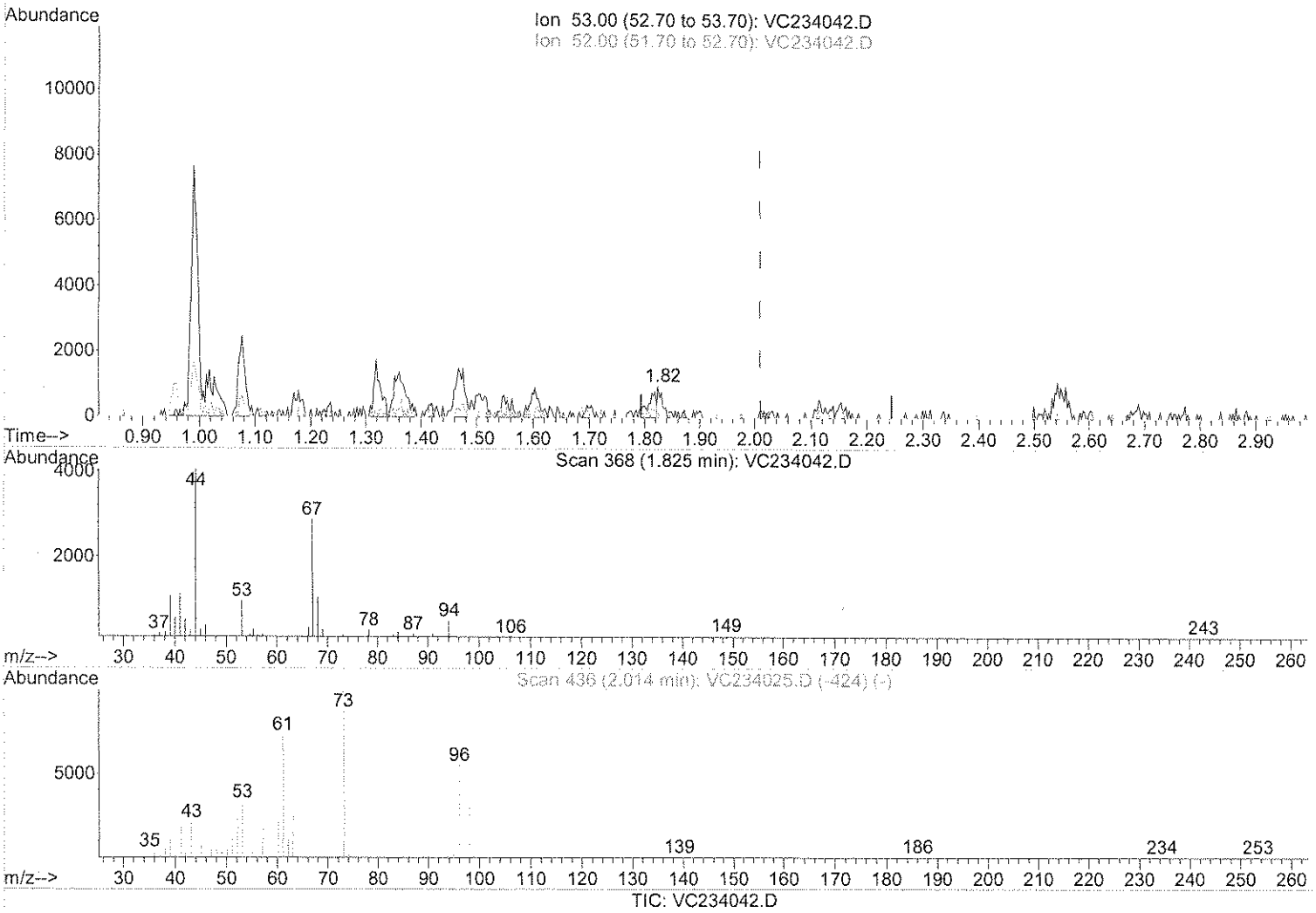
response 1547

Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:06:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234042.D

(22) ACRYLONITRILE

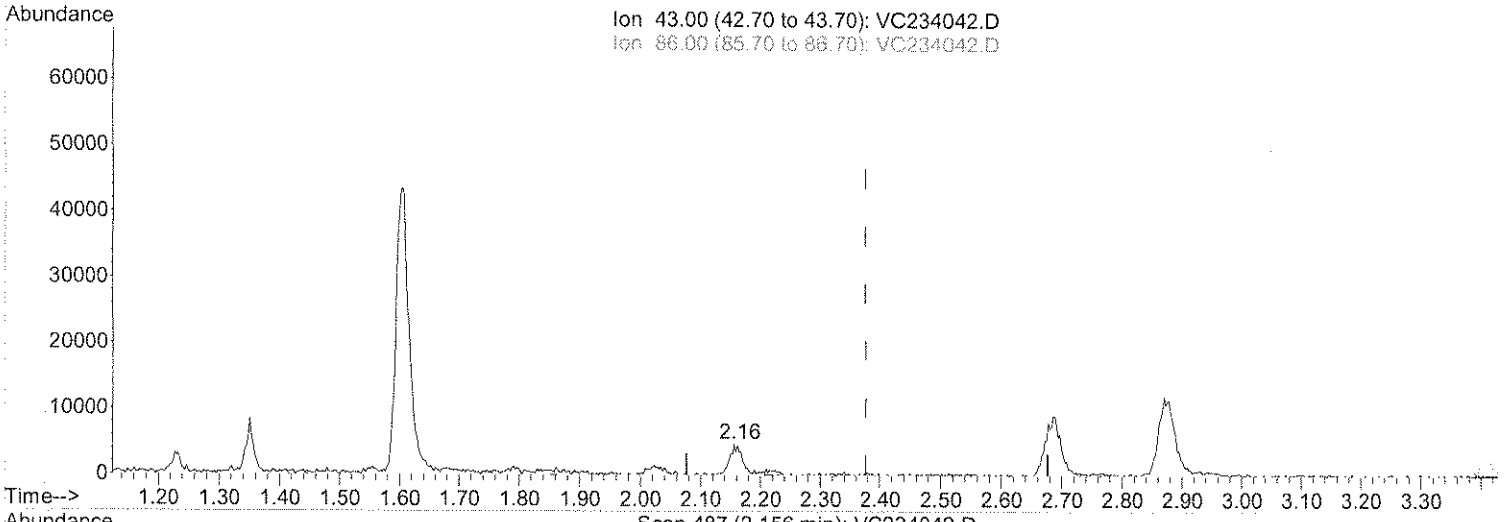
1.825min (-0.187) 0.34UG/L

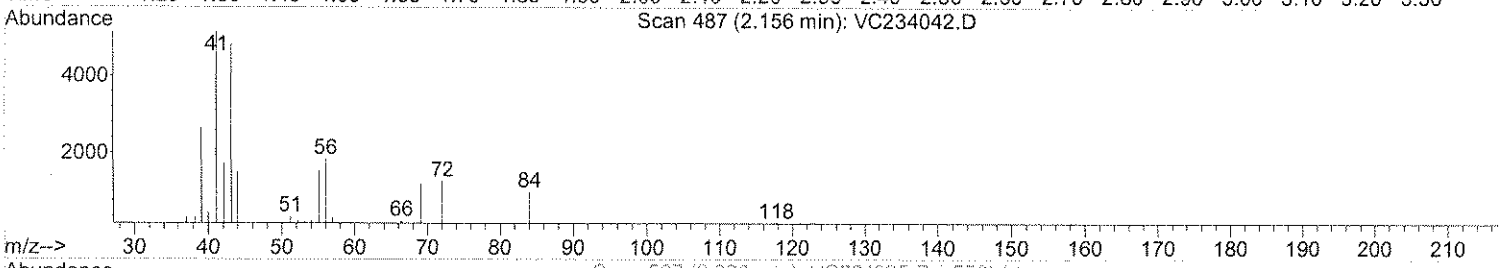
response 559

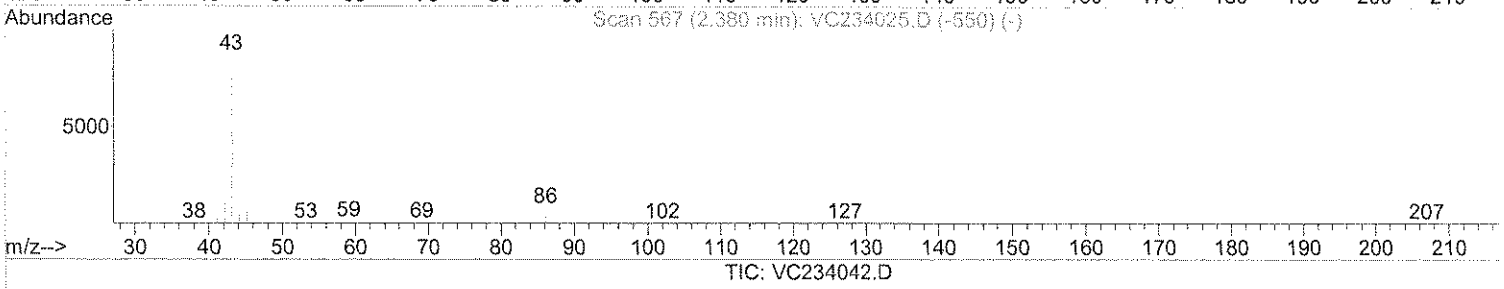
Ion	Exp%	Act%
53.00	100	100
52.00	80.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:06:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234042.D

(28) ViNYL ACETATE

2.156min (-0.220) 0.78UG/L

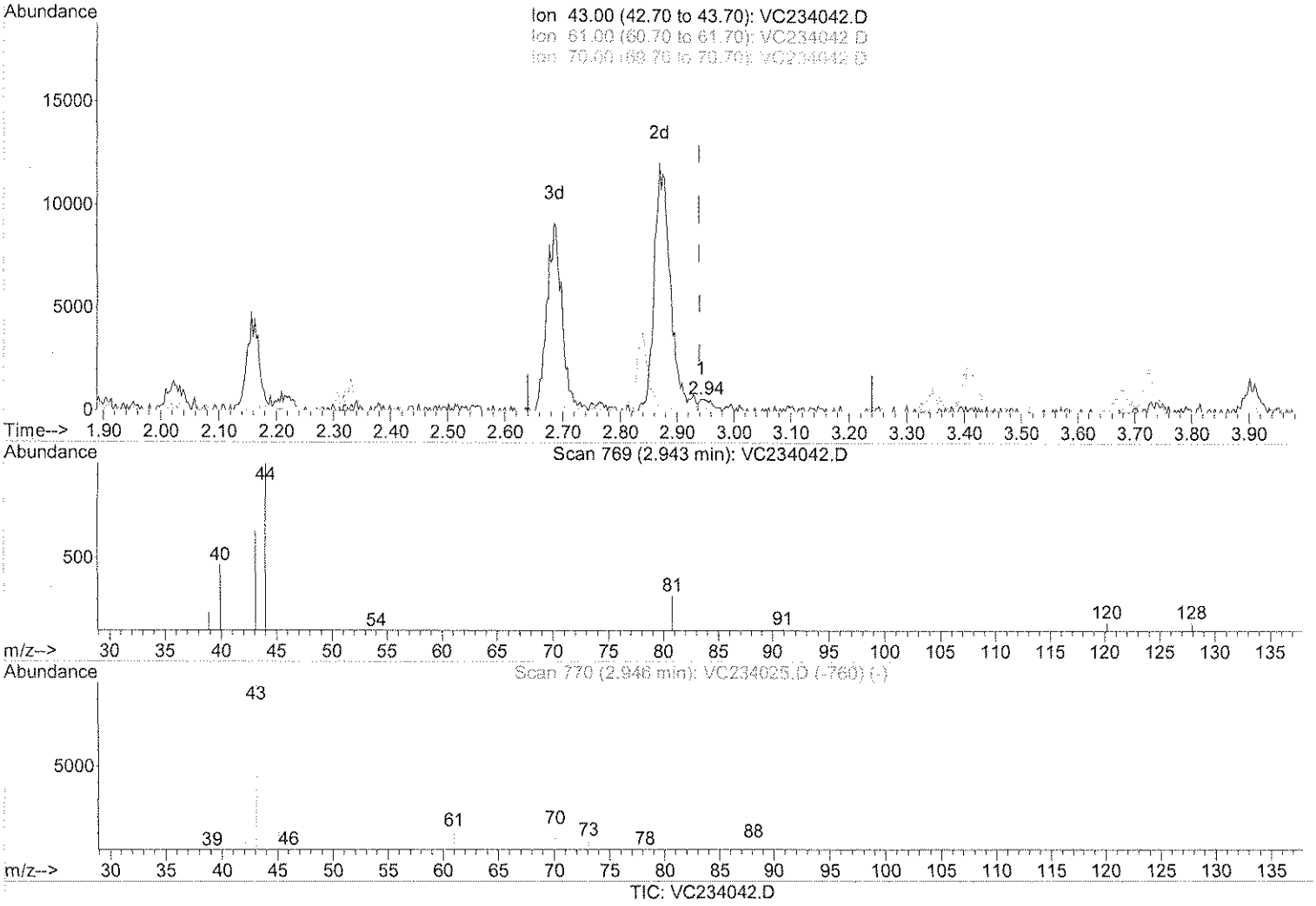
response 6792

Ion	Exp%	Act%
43.00	100	100
86.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:06:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(35) ETHYL ACETATE

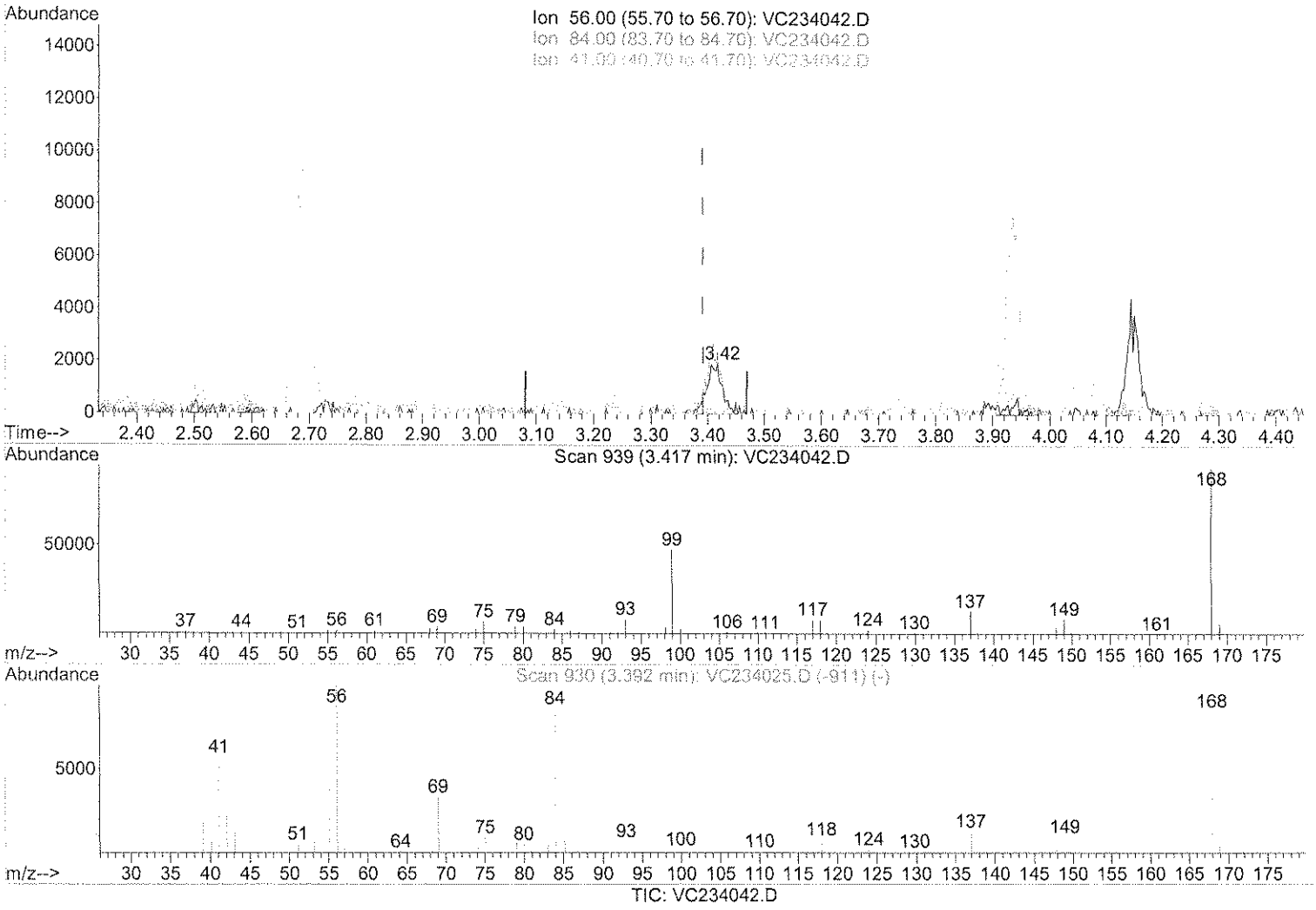
2.943min (+0.003) 0.20UG/L

response 977

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:06:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(42) CYCLOHEXANE

3.417min (+0.025) 0.53UG/L

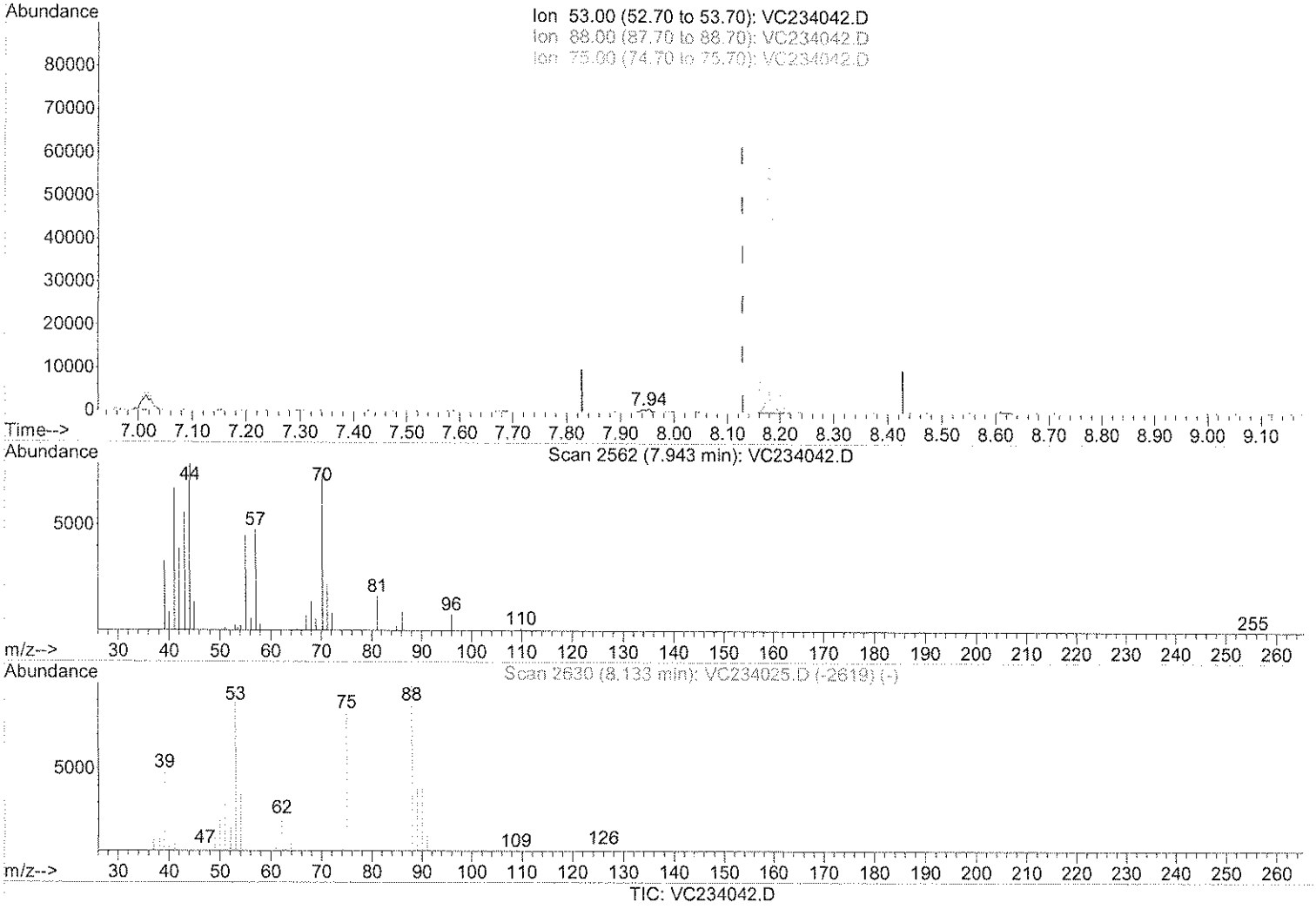
response 3638

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	120.97#
41.00	62.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234042.D
Acq On : 23 Aug 2011 7:30 am
Operator :
Sample : 11H0747-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 23 12:06:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234042.D

(80) CIS-1,4-DICHLORO-2-BUTENE

7.943min (-0.186) 0.36UG/L

response 514

Ion	Exp%	Act%
53.00	100	100
88.00	127.40	0.00#
75.00	99.60	0.00#
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-06	File ID:	VC234048.D
Sampled:	08/17/11 07:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 10:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene	1.6	0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW19-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-06	File ID:	VC234048.D
Sampled:	08/17/11 07:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 10:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW19-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-06	File ID:	VC234048.D
Sampled:	08/17/11 07:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 10:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW19-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-06	File ID:	VC234048.D
Sampled:	08/17/11 07:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 10:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

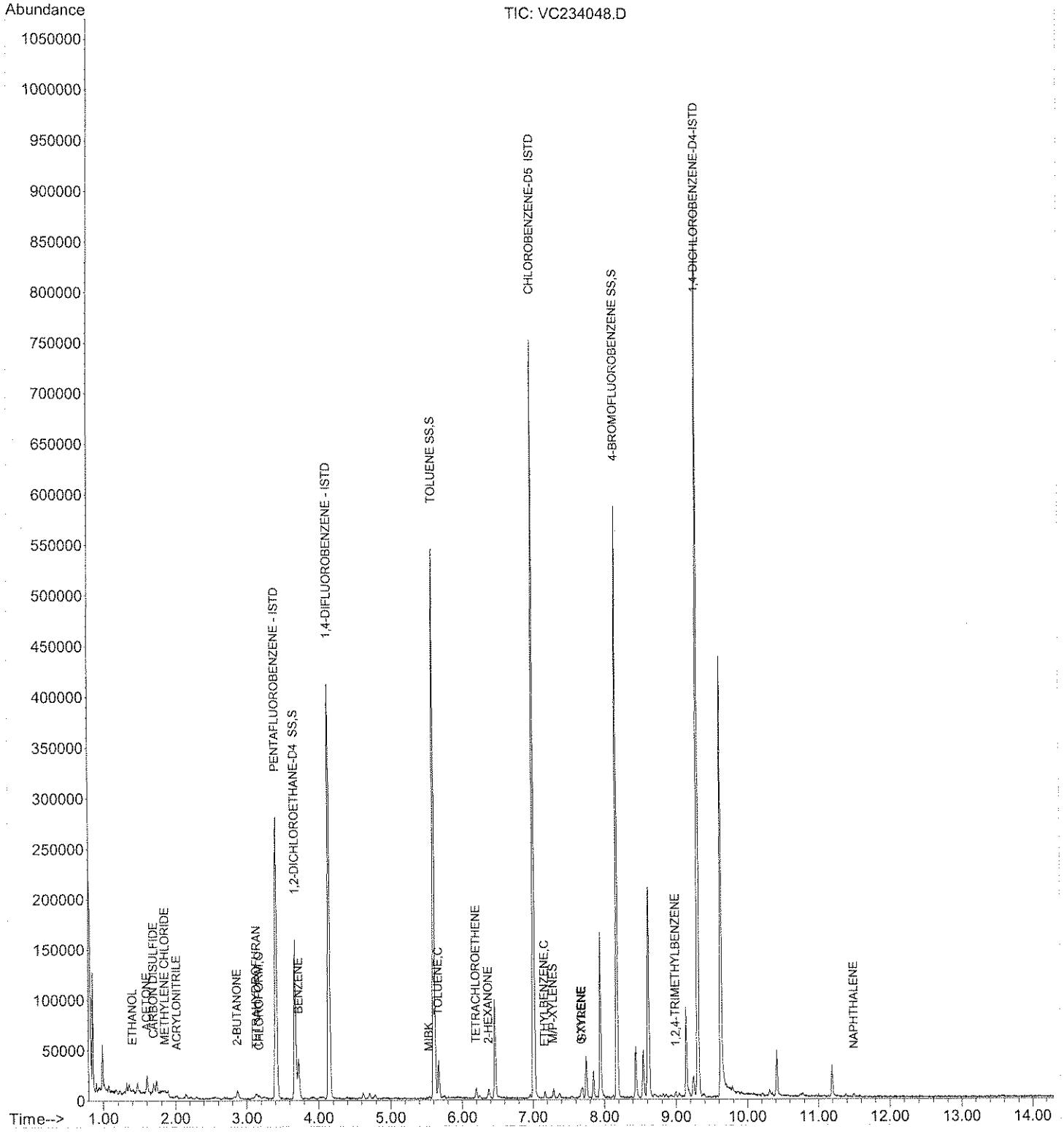
Quant Time: Aug 23 13:01:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

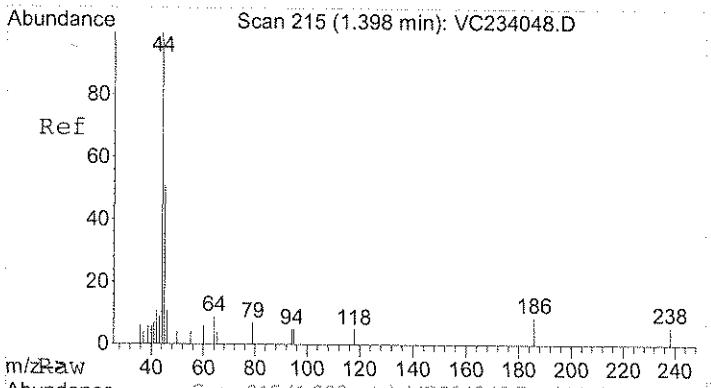
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	196211	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	303093	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	189202	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	201149	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	103727	24.99	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%				
49) TOLUENE SS	5.61	98	307987	25.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.76%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	153142	24.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.40%				
Target Compounds							Qvalue
11) ETHANOL	1.40	45	2657	52.56	UG/L	#	31
14) ACETONE	1.60	43	14187	13.45	UG/L		100
22) ACRYLONITRILE	2.01	53	898	0.54	UG/L		85
23) METHYLENE CHLORIDE	1.85	49	648	0.11	UG/L	#	17
24) CARBON DISULFIDE	1.69	76	5142	0.49	UG/L	#	100
31) 2-BUTANONE	2.87	43	10530	5.69	UG/L	#	76
39) TETRAHYDROFURAN	3.14	42	2468	2.08	UG/L	#	72
40) CHLOROFORM	3.18	83	2001m	0.21	UG/L		
45) BENZENE	3.72	78	29159	1.59	UG/L		94
59) MIBK	5.54	43	1377	0.35	UG/L	#	46
61) TOLUENE	5.67	91	20916	1.04	UG/L		98
65) 2-HEXANONE	6.37	43	4967	1.78	UG/L		100
66) TETRACHLOROETHENE	6.19	166	2344	0.42	UG/L	#	85
74) ETHYLBENZENE	7.18	91	3640	0.16	UG/L		90
75) M/P-XYLENES	7.29	91	4271	0.24	UG/L		94
76) O-XYLENE	7.67	91	3590	0.19	UG/L		99
77) STYRENE	7.69	104	4096	0.29	UG/L	#	67
91) 1,2,4-TRIMETHYLBENZENE	9.00	105	2575	0.14	UG/L		93
102) NAPHTHALENE	11.50	128	2511m	0.19	UG/L		

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

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 23 13:01:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

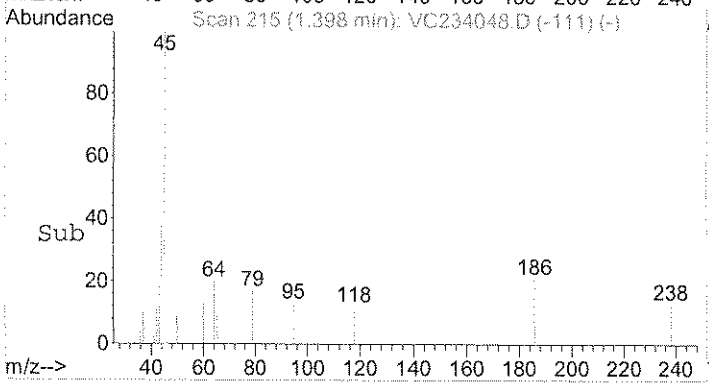


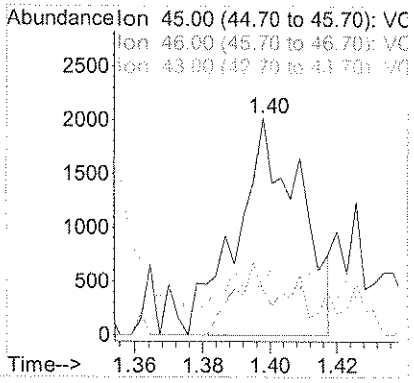


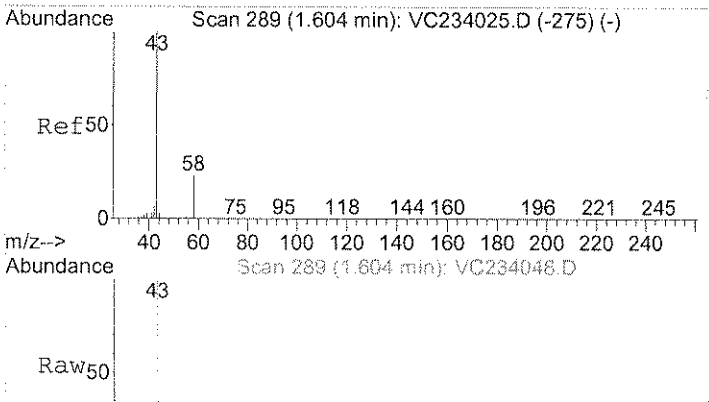
#11
ETHANOL
Concen: 52.56 UG/L
RT: 1.40 min Scan# 215
Delta R.T. -0.01 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 45 Resp: 2657

Ion	Ratio	Lower	Upper
45	100		
46	0.0	30.7	46.1#
43	59.5	17.5	26.3#



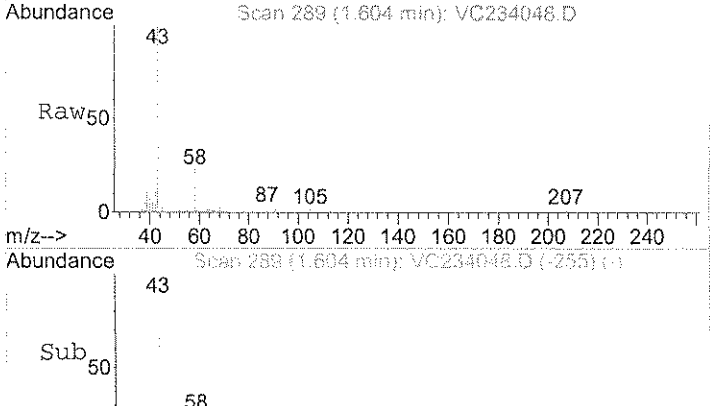


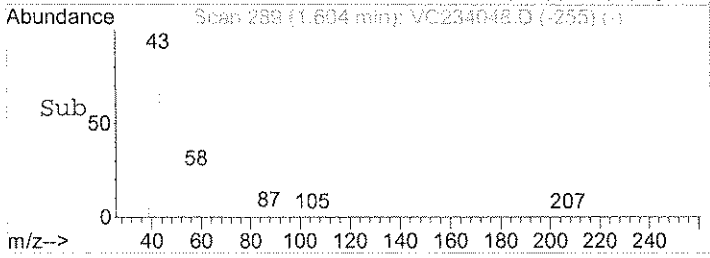


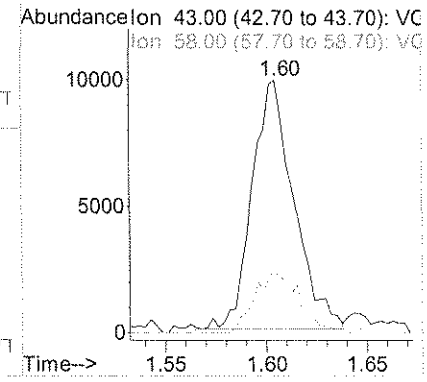
#14
ACETONE
Concen: 13.45 UG/L
RT: 1.60 min Scan# 289
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

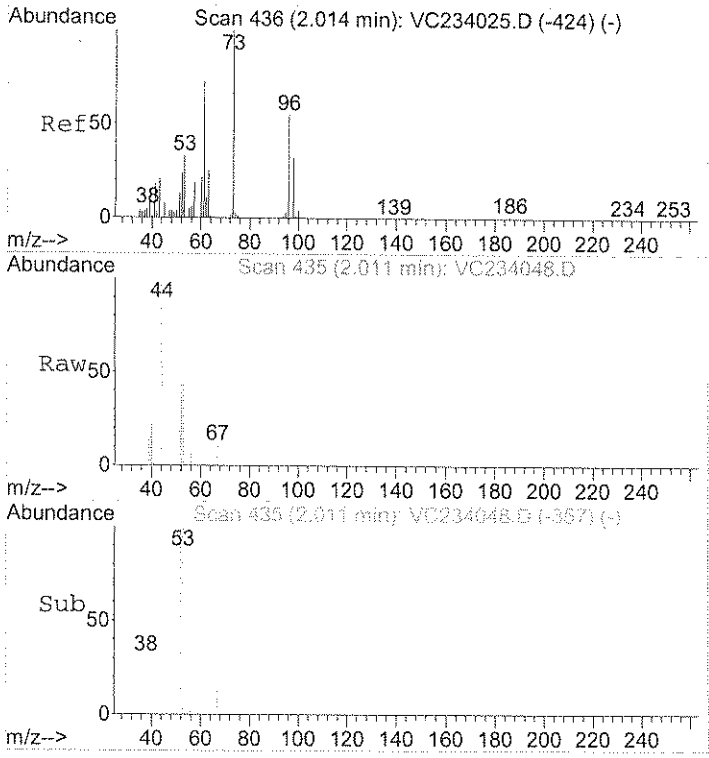
Tgt Ion: 43 Resp: 14187

Ion	Ratio	Lower	Upper
43	100		
58	25.0	20.2	30.2





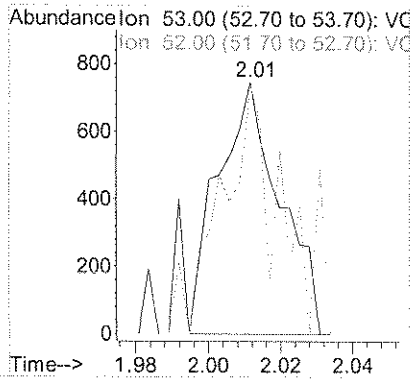


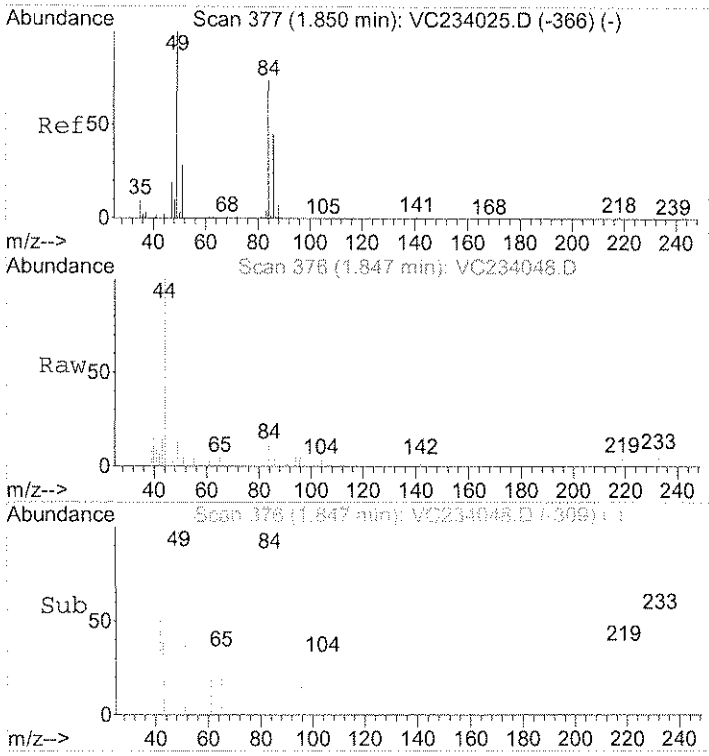


#22
ACRYLONITRILE
Concen: 0.54 UG/L
RT: 2.01 min Scan# 435
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 53 Resp: 898

Ion	Ratio	Lower	Upper
53	100		
52	67.1	64.6	97.0

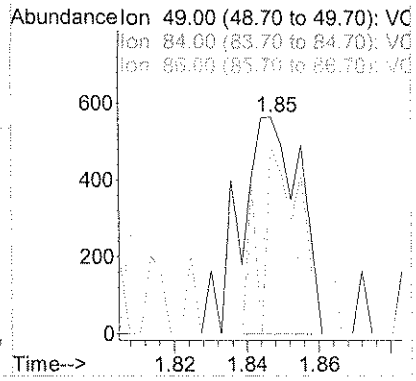


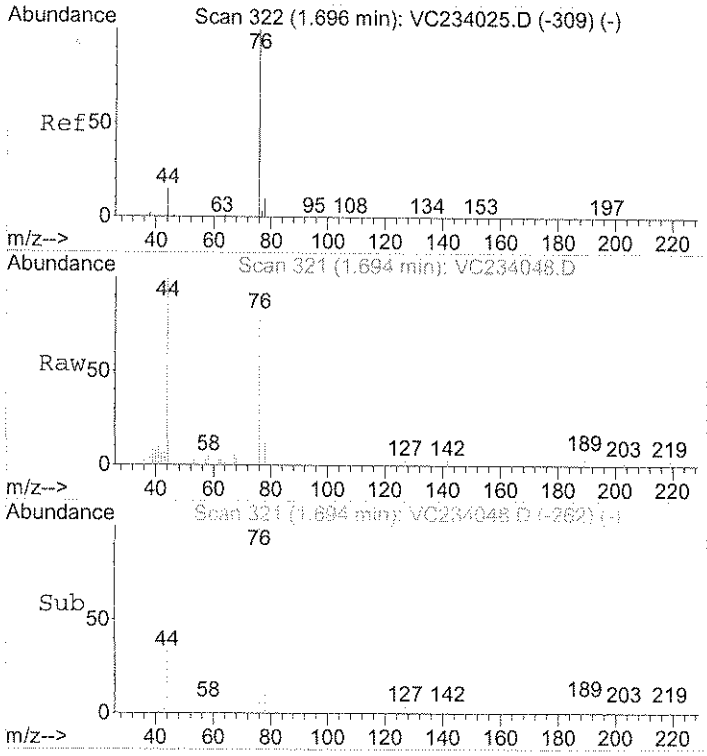


#23
METHYLENE CHLORIDE
Concen: 0.11 UG/L
RT: 1.85 min Scan# 376
Delta R.T. -0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 49 Resp: 648

Ion	Ratio	Lower	Upper
49	100		
84	0.0	63.0	94.6#
86	0.0	39.1	58.7#

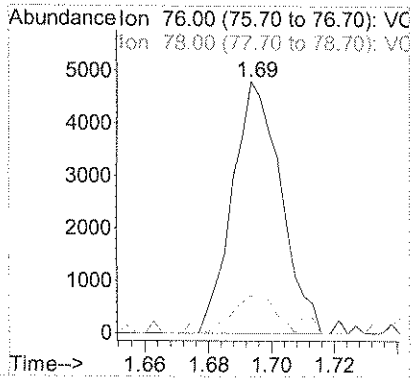


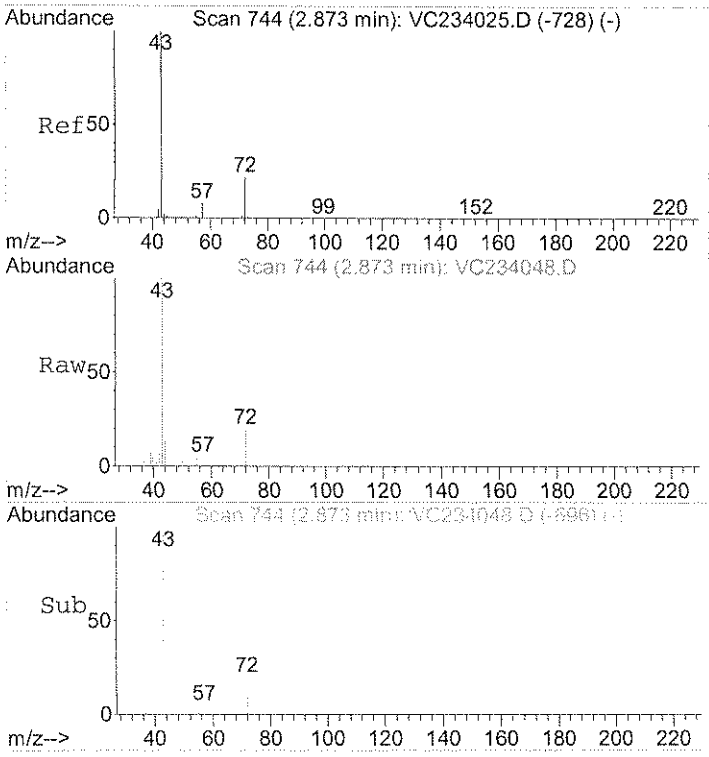


#24
CARBON DISULFIDE
Concen: 0.49 UG/L
RT: 1.69 min Scan# 321
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 76 Resp: 5142

Ion	Ratio	Lower	Upper
76	100		
78	12.5	0.0	0.0#

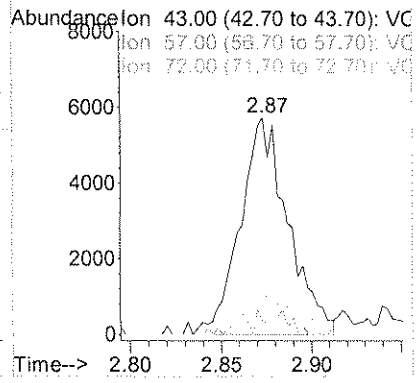


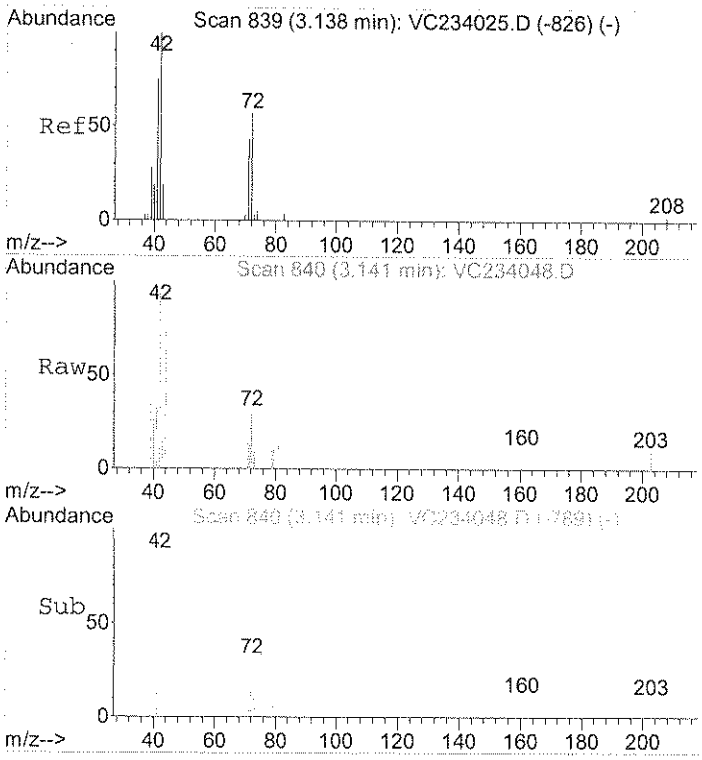


#31
2-BUTANONE
Concen: 5.69 UG/L
RT: 2.87 min Scan# 744
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 43 Resp: 10530

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	11.4	18.9	28.3#

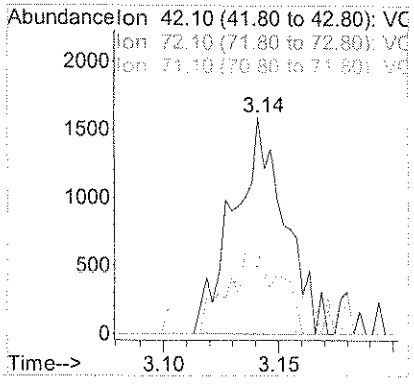


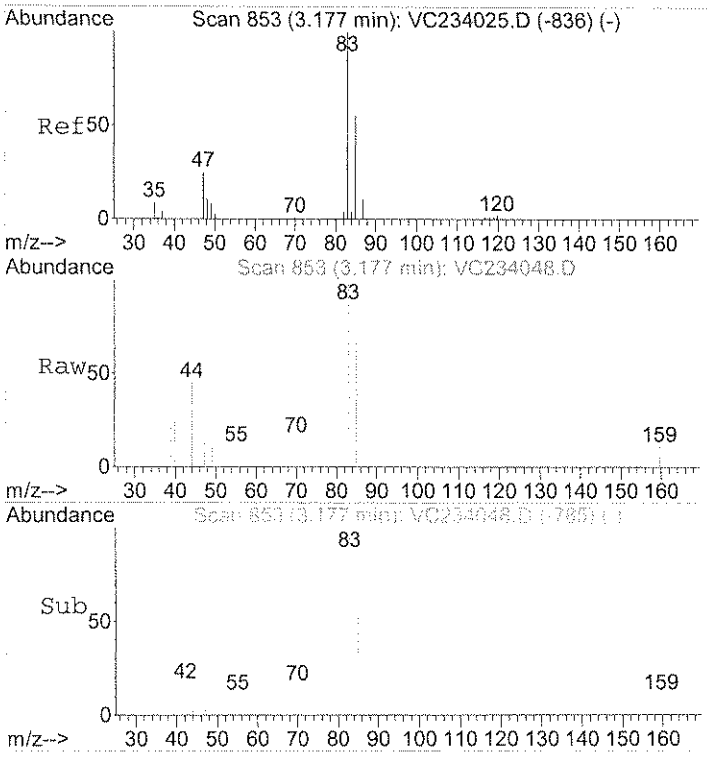


#39
TETRAHYDROFURAN
Concen: 2.08 UG/L
RT: 3.14 min Scan# 840
Delta R.T. 0.01 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 42 Resp: 2468

Ion	Ratio	Lower	Upper
42	100		
72	28.0	37.4	56.2#
71	24.2	33.0	49.6#

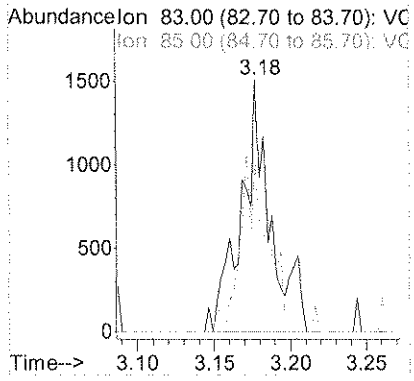


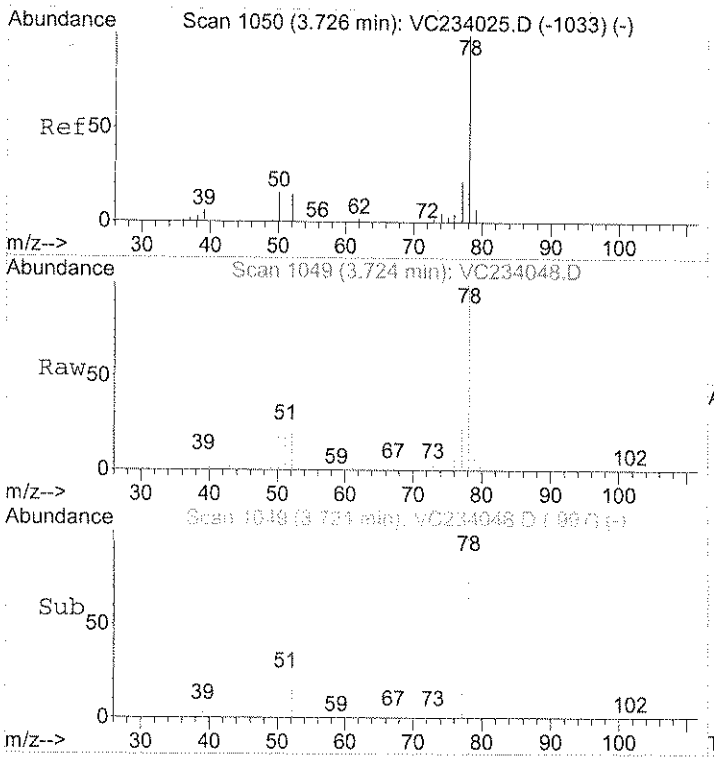


#40
CHLOROFORM
Concen: 0.21 UG/L m
RT: 3.18 min Scan# 853
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 83 Resp: 2001

Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.4	75.6

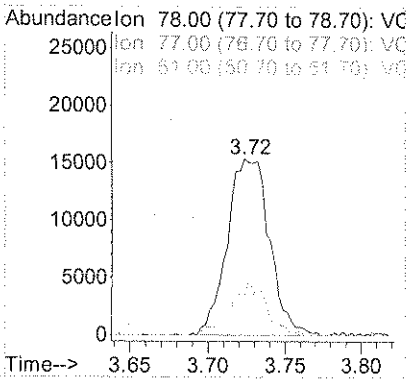


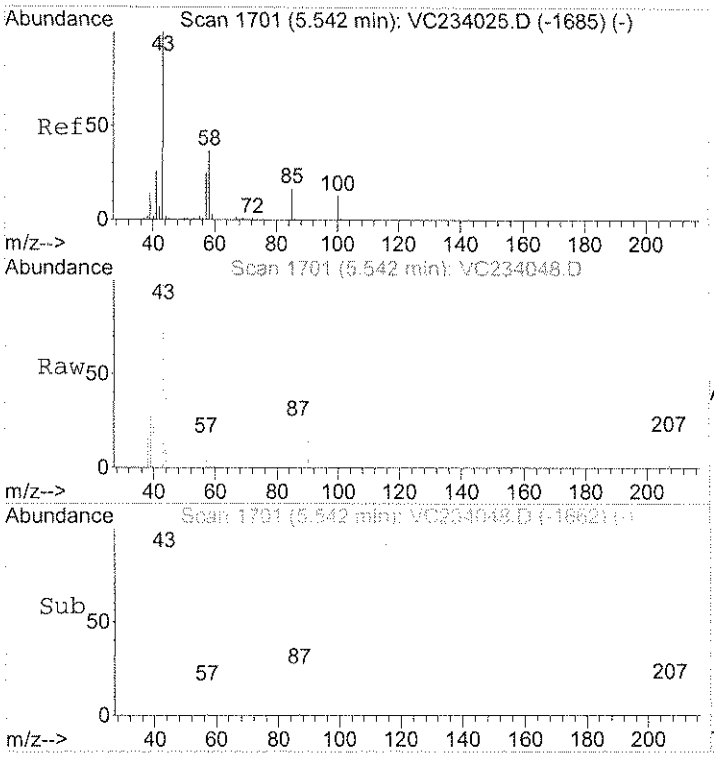


#45
BENZENE
Concen: 1.59 UG/L
RT: 3.72 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 78 Resp: 29159

Ion	Ratio	Lower	Upper
78	100		
77	26.2	18.6	28.0
51	18.1	17.1	25.7

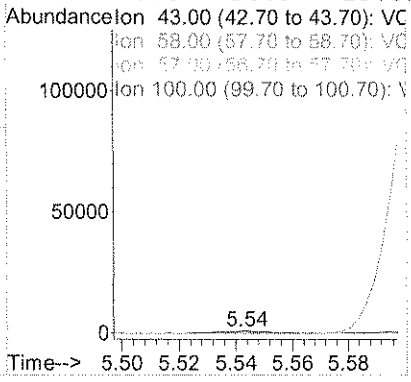


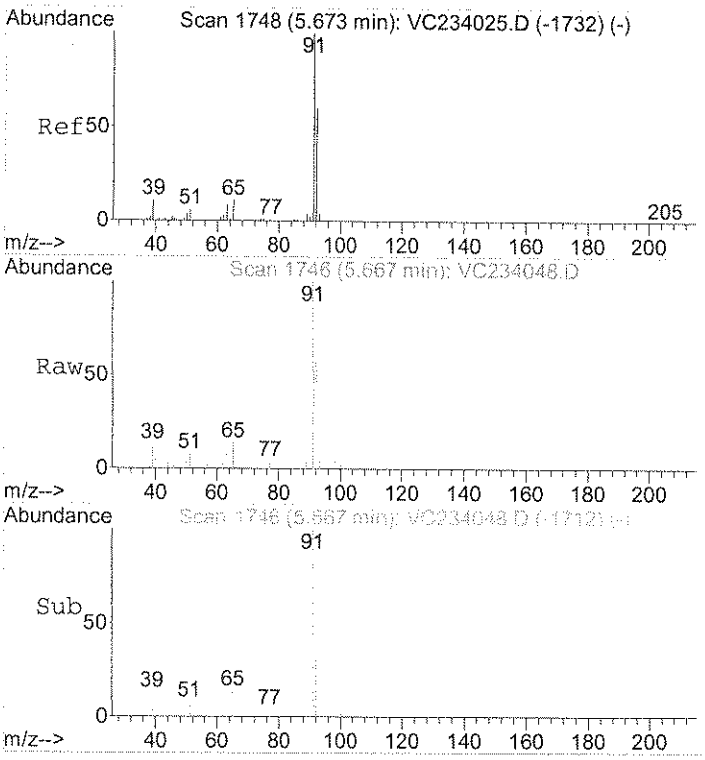


#59
MIBK
Concen: 0.35 UG/L
RT: 5.54 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 43 Resp: 1377

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.6	46.0#
57	0.0	20.2	30.2#
100	0.0	10.3	15.5#

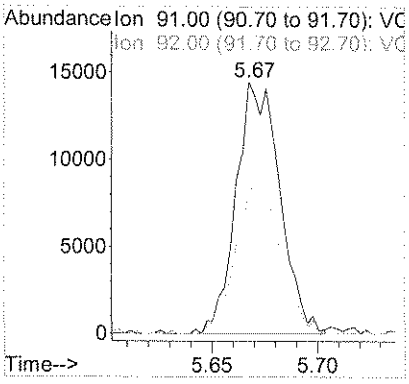


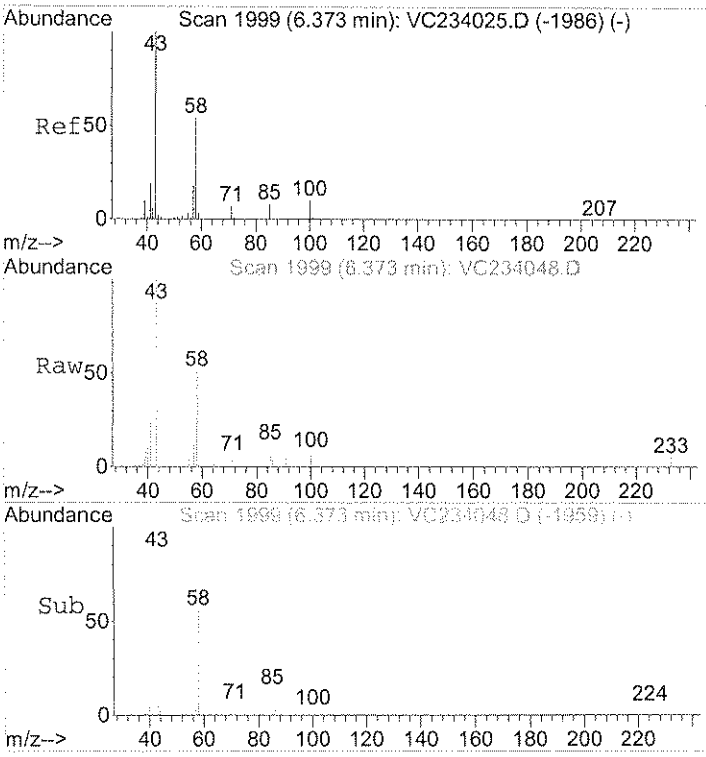


#61
TOLUENE
Concen: 1.04 UG/L
RT: 5.67 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 91 Resp: 20916

Ion	Ratio	Lower	Upper
91	100		
92	61.9	48.2	72.2

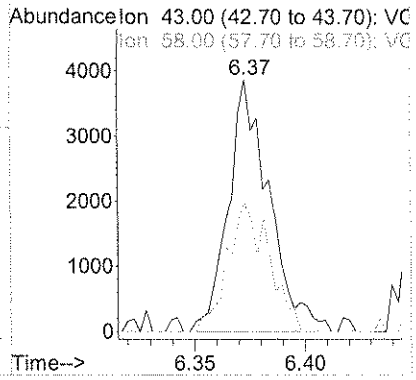


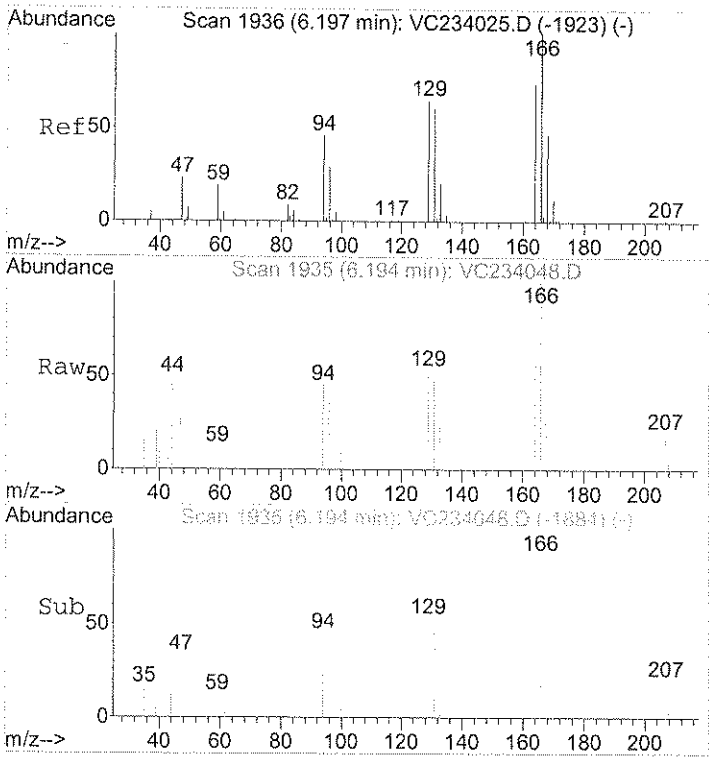


#65
2-HEXANONE
Concen: 1.78 UG/L
RT: 6.37 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 43 Resp: 4967

Ion	Ratio	Lower	Upper
43	100		
58	52.1	41.4	62.2

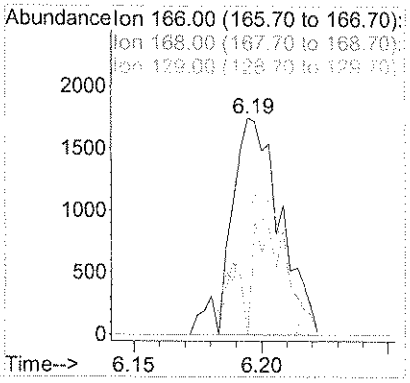


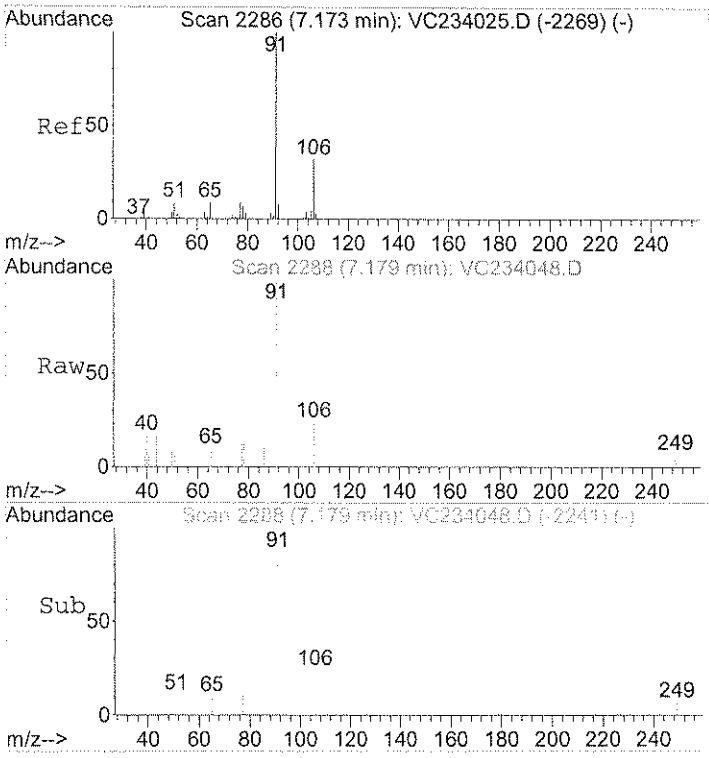


#66
TETRACHLOROETHENE
Concen: 0.42 UG/L
RT: 6.19 min Scan# 1935
Delta R.T. -0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion:166 Resp: 2344

Ion	Ratio	Lower	Upper
166	100		
168	34.9	38.1	57.1#
129	57.8	53.6	80.4

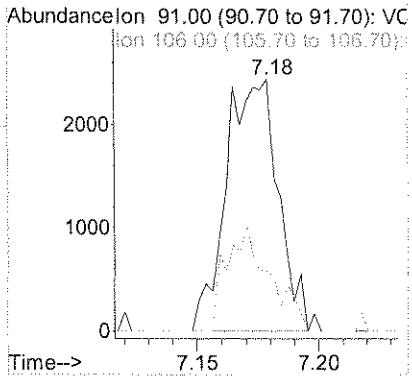


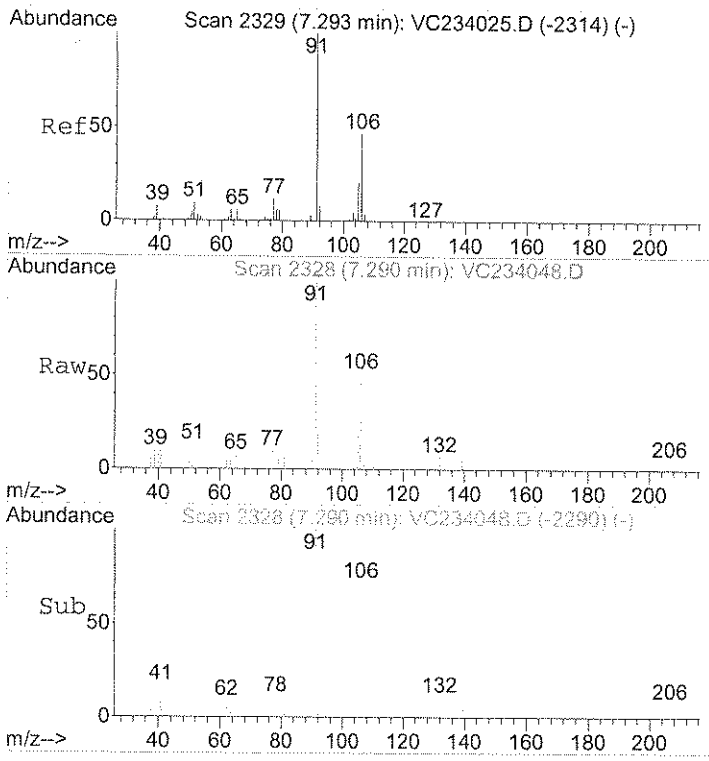


#74
ETHYLBENZENE
Concen: 0.16 UG/L
RT: 7.18 min Scan# 2288
Delta R.T. 0.01 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 91 Resp: 3640

Ion	Ratio	Lower	Upper
91	100		
106	34.5	23.4	35.0

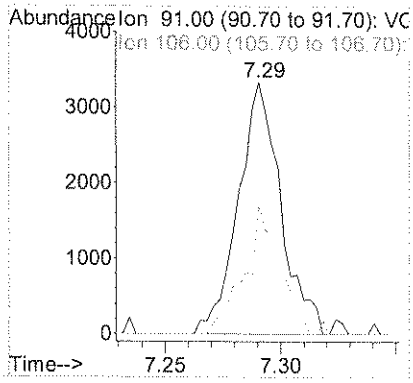


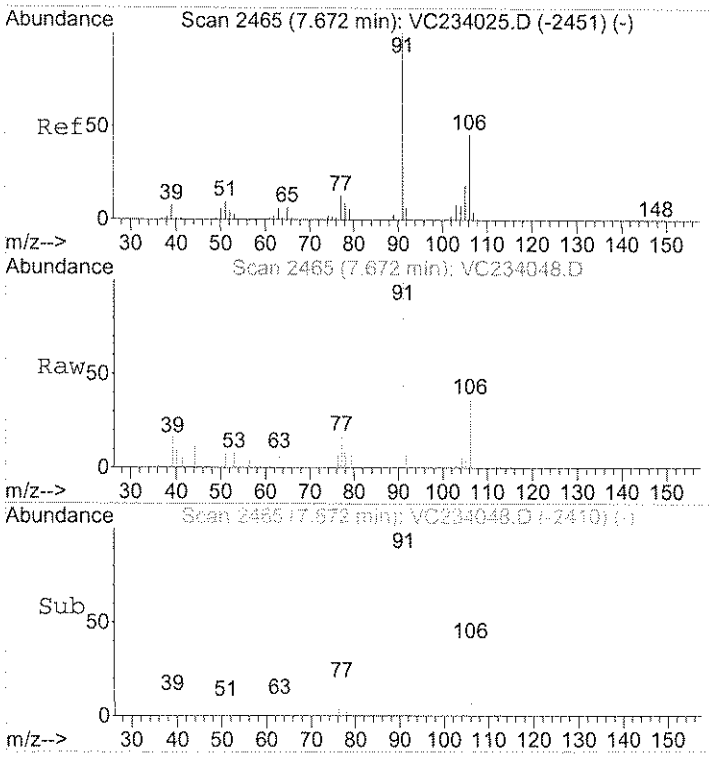


#75
M/P-XYLENES
Concen: 0.24 UG/L
RT: 7.29 min Scan# 2328
Delta R.T. -0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 91 Resp: 4271

Ion	Ratio	Lower	Upper
91	100		
106	42.0	37.0	55.4

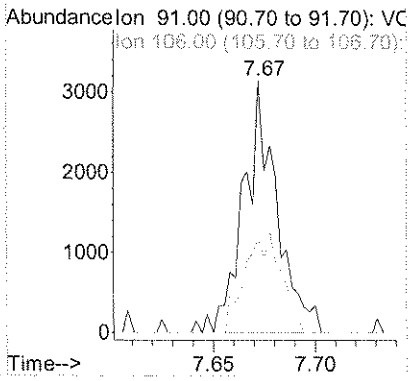


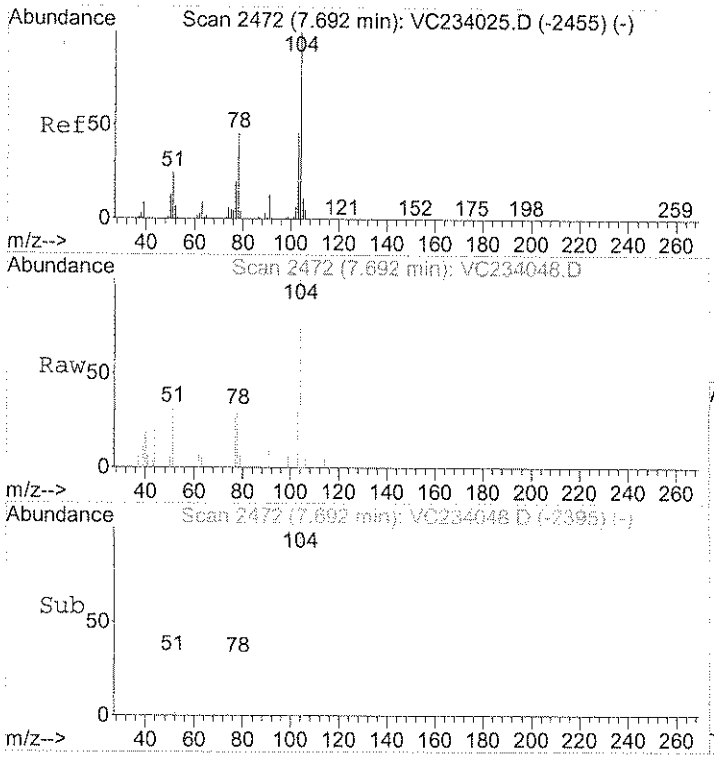


#76
O-XYLENE
Concen: 0.19 UG/L
RT: 7.67 min Scan# 2465
Delta R.T. -0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion: 91 Resp: 3590

Ion	Ratio	Lower	Upper
91	100		
106	43.6	35.5	53.3

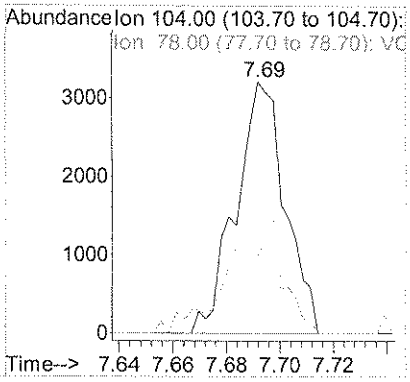


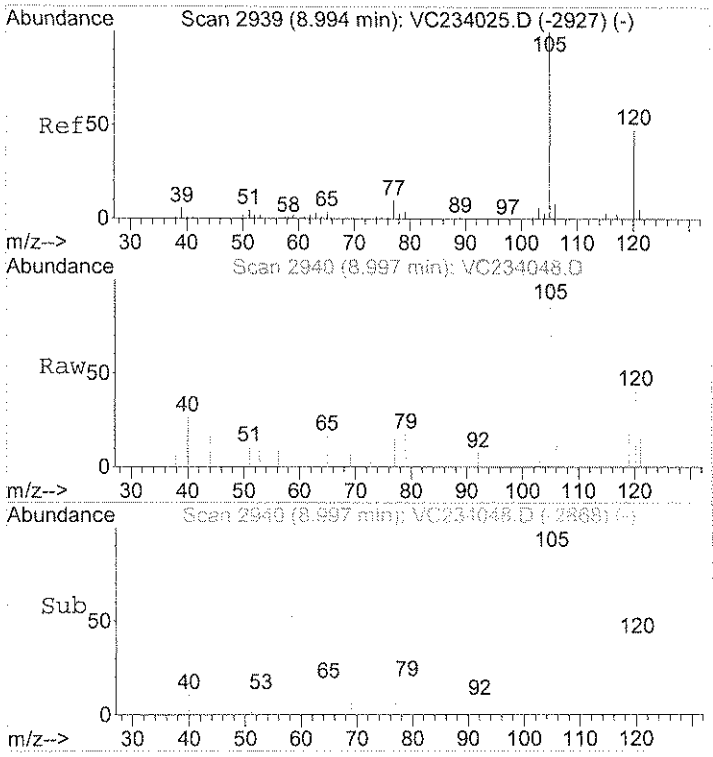


#77
STYRENE
Concen: 0.29 UG/L
RT: 7.69 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion:104 Resp: 4096

Ion	Ratio	Lower	Upper
104	100		
78	31.1	44.2	66.2#

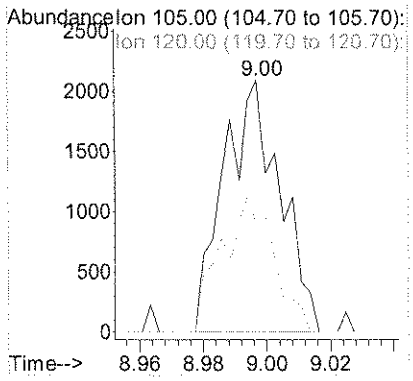


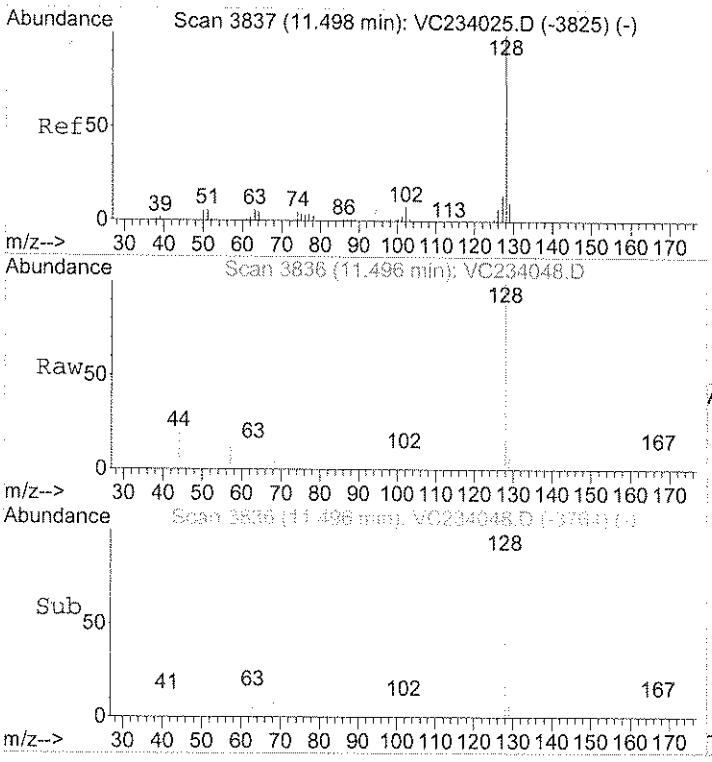


#91
1,2,4-TRIMETHYLBENZENE
Concen: 0.14 UG/L
RT: 9.00 min Scan# 2940
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion:105 Resp: 2575

Ion	Ratio	Lower	Upper
105	100		
120	49.9	36.3	54.5

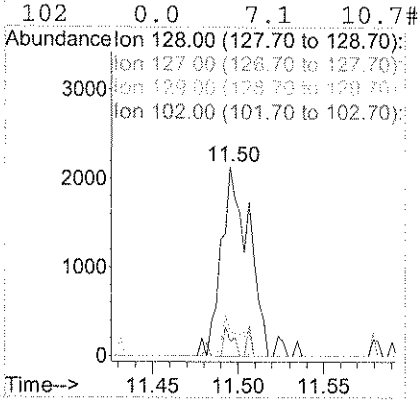




#102
NAPHTHALENE
Concen: 0.19 UG/L m
RT: 11.50 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VC234048.D
Acq: 23 Aug 2011 10:31 am

Tgt Ion:128 Resp: 2511

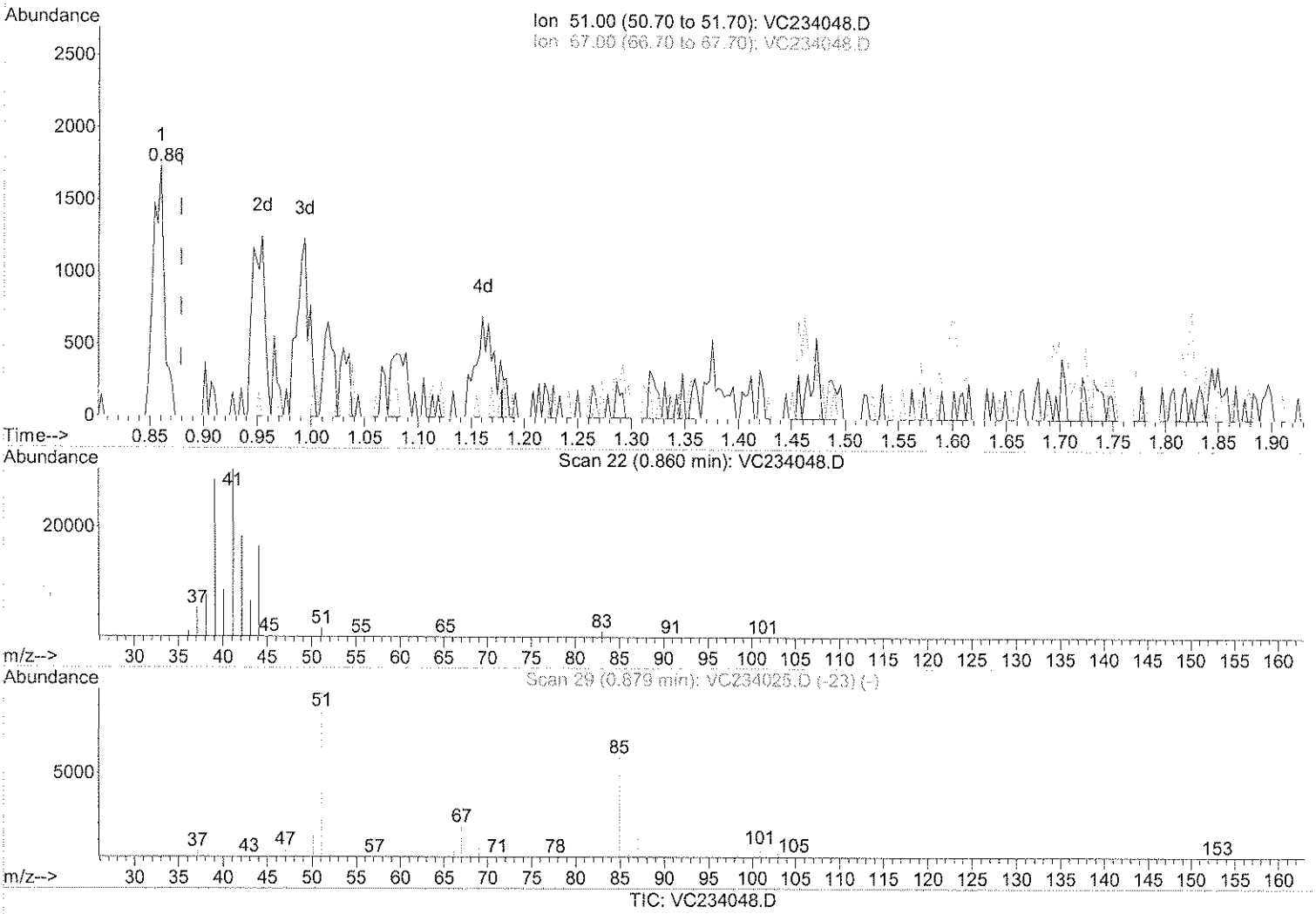
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.7	13.1#
102	0.0	7.1	10.7#



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 23 12:06:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234048.D

(4) DIFLUOROCHLOROMETHANE

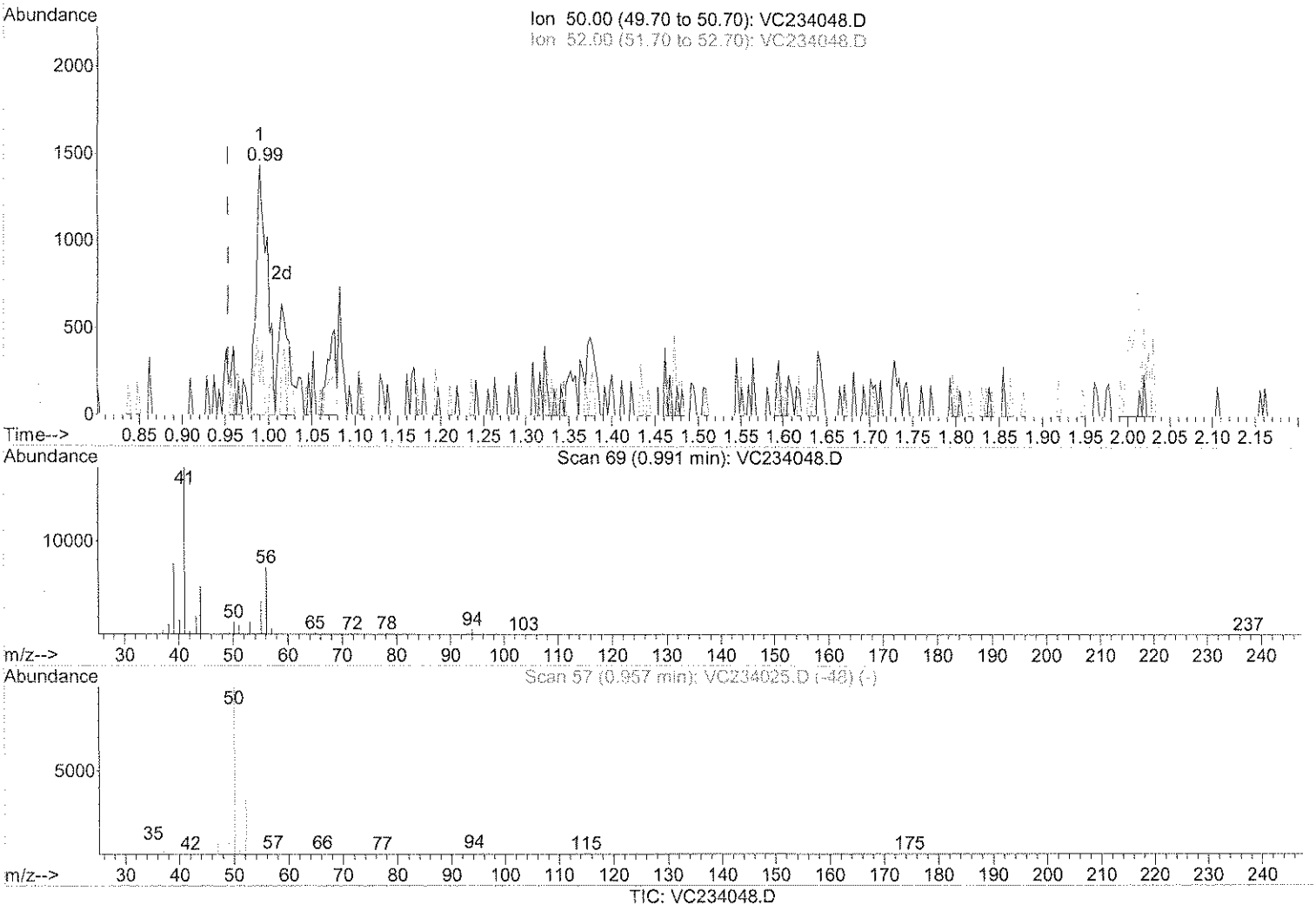
0.860min (-0.019) 0.18UG/L

response 1247

Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 23 12:06:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234048.D

(5) CHLOROMETHANE (P)

0.991min (+0.037) 0.25UG/L

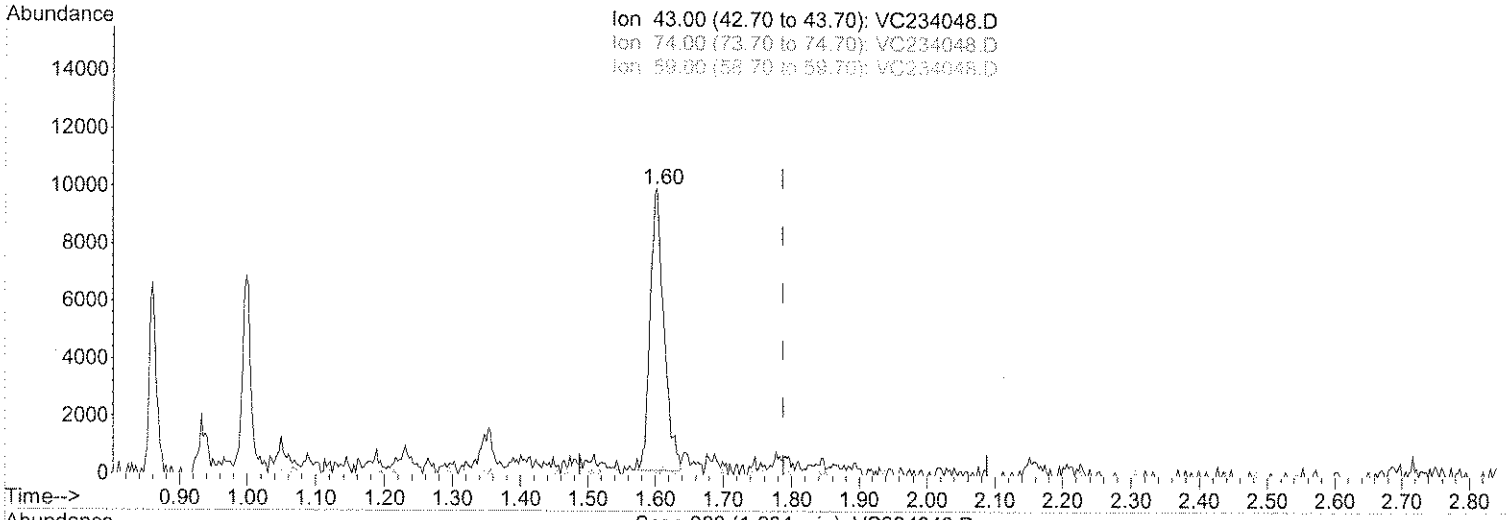
response 1272

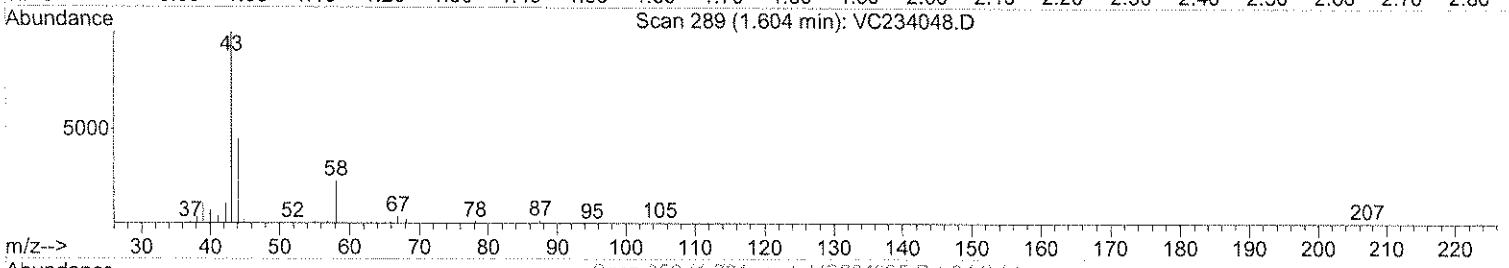
Ion	Exp%	Act%
50.00	100	100
52.00	32.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

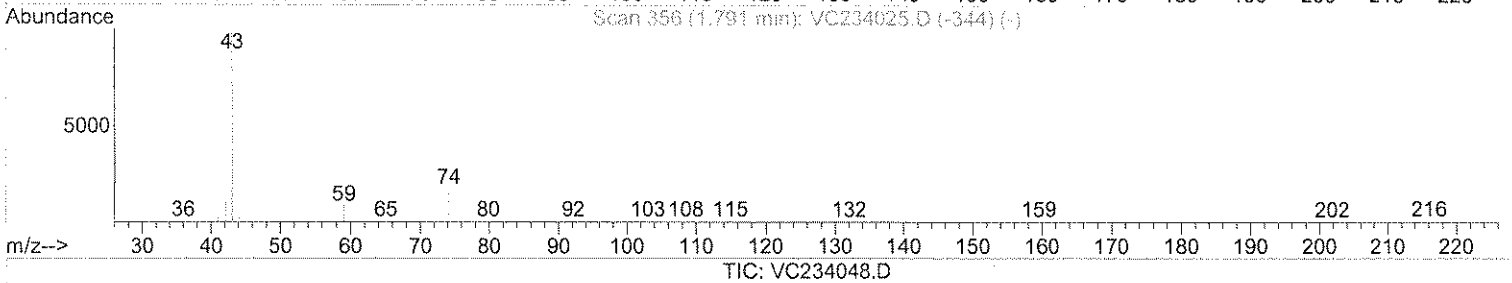
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 23 12:06:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234048.D

(20) METHYL ACETATE

1.604min (-0.184) 2.42UG/L

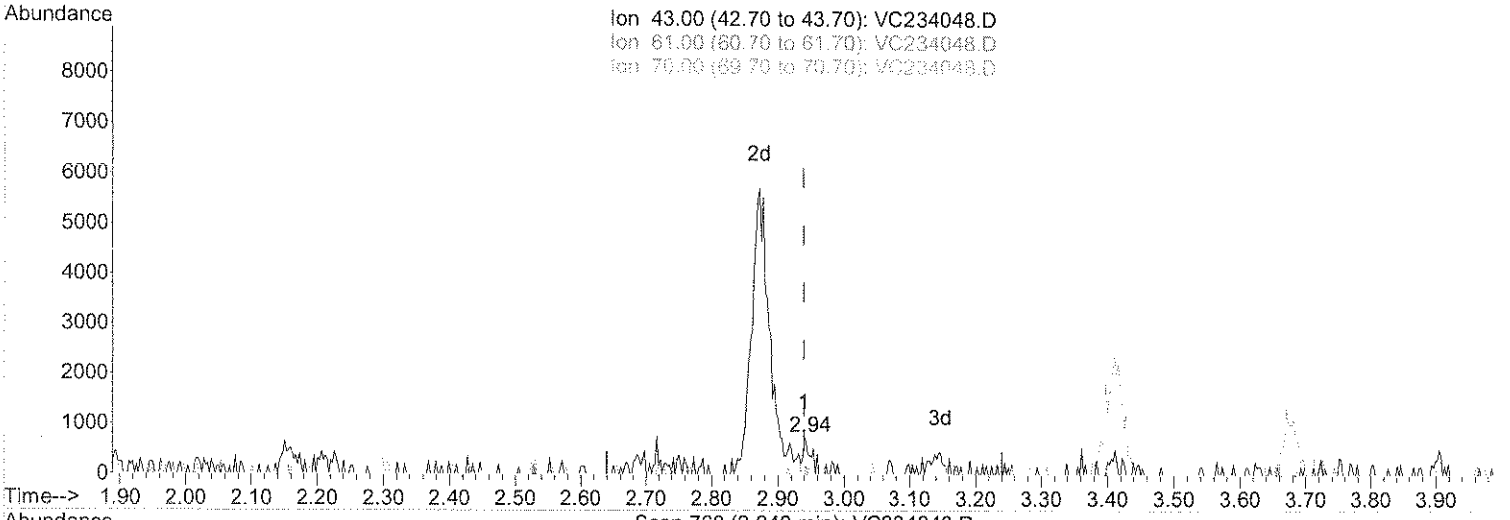
response 14187

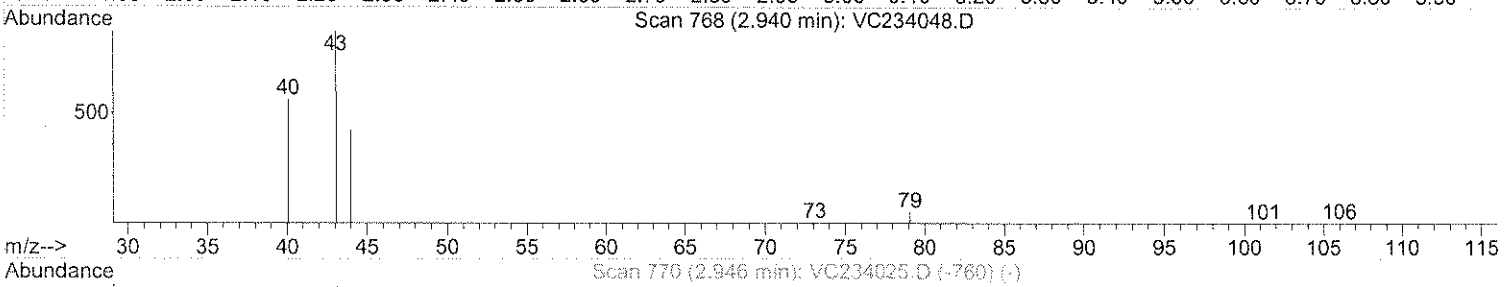
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

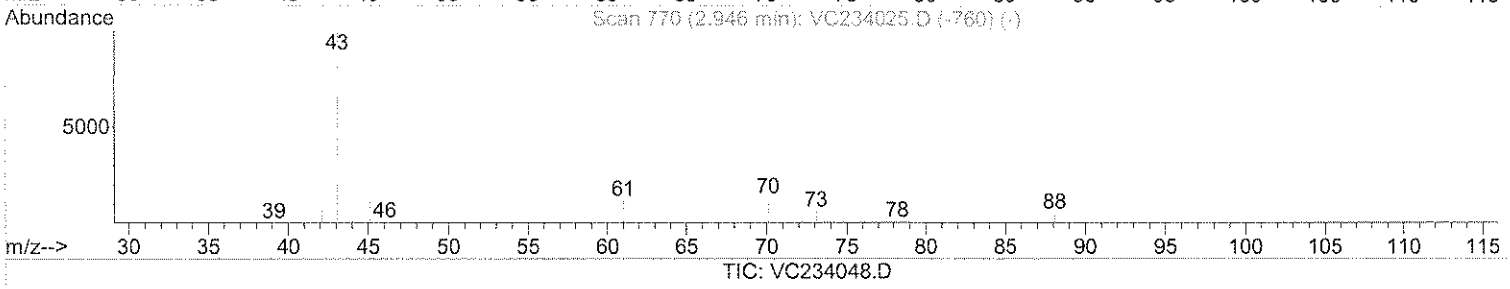
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 23 12:06:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234048.D

(35) ETHYL ACETATE

2.940min (+0.000) 0.13UG/L

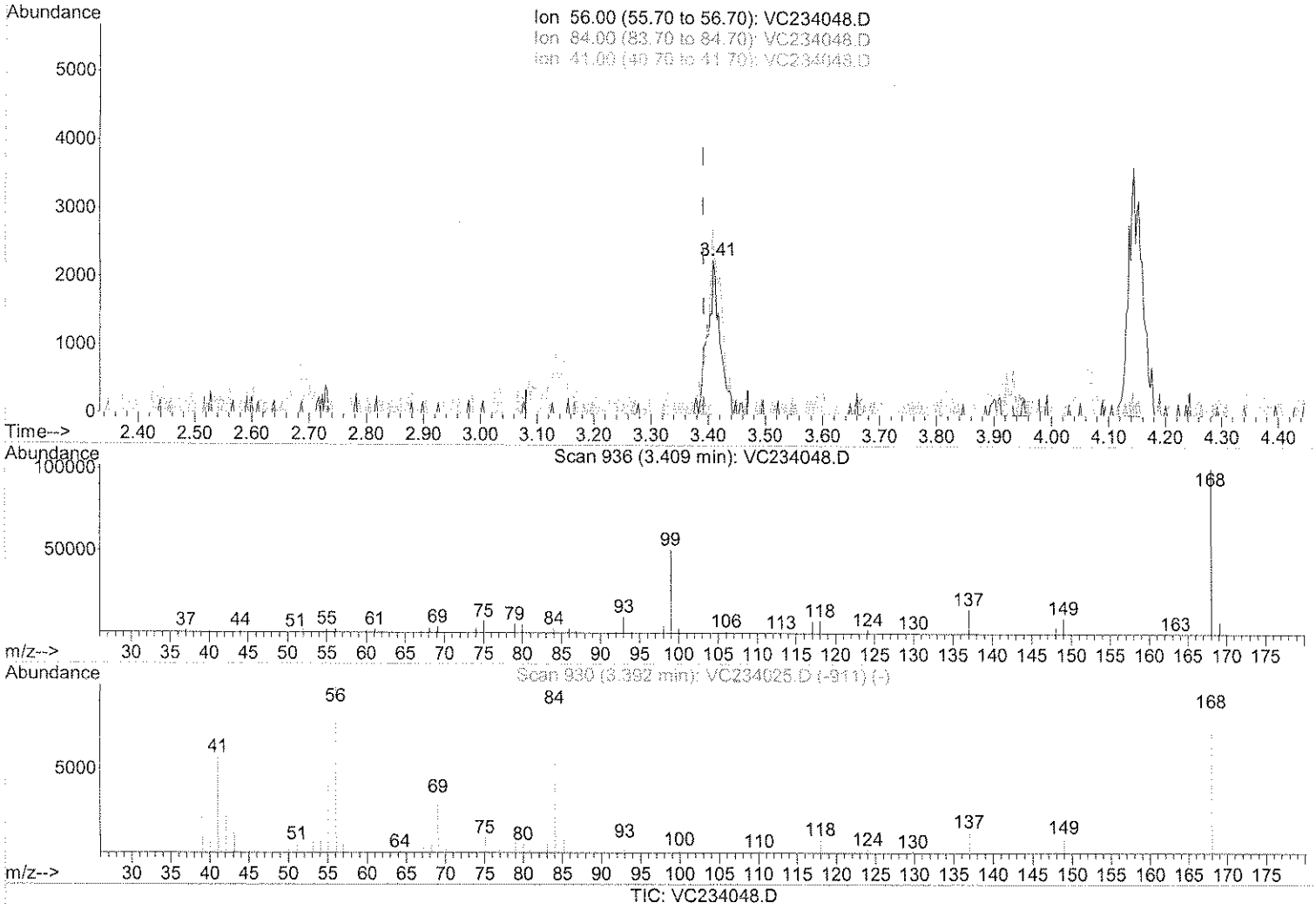
response 636

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 23 12:06:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234048.D

(42) CYCLOHEXANE

3.409min (+0.017) 0.48UG/L

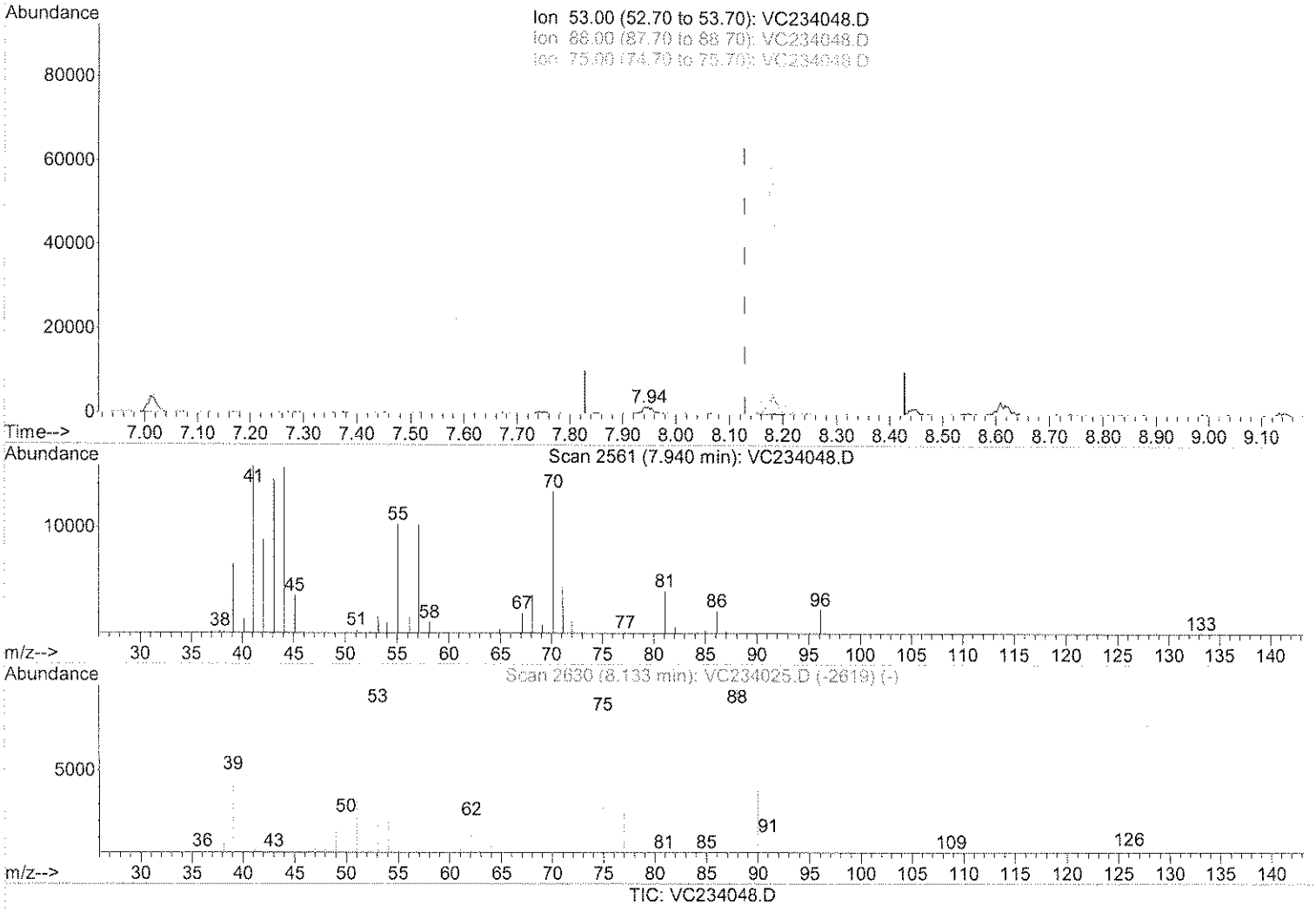
response 3339

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	126.95#
41.00	62.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 23 12:06:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234048.D

(80) CIS-1,4-DICHLORO-2-BUTENE

7.940min (-0.189) 1.60UG/L

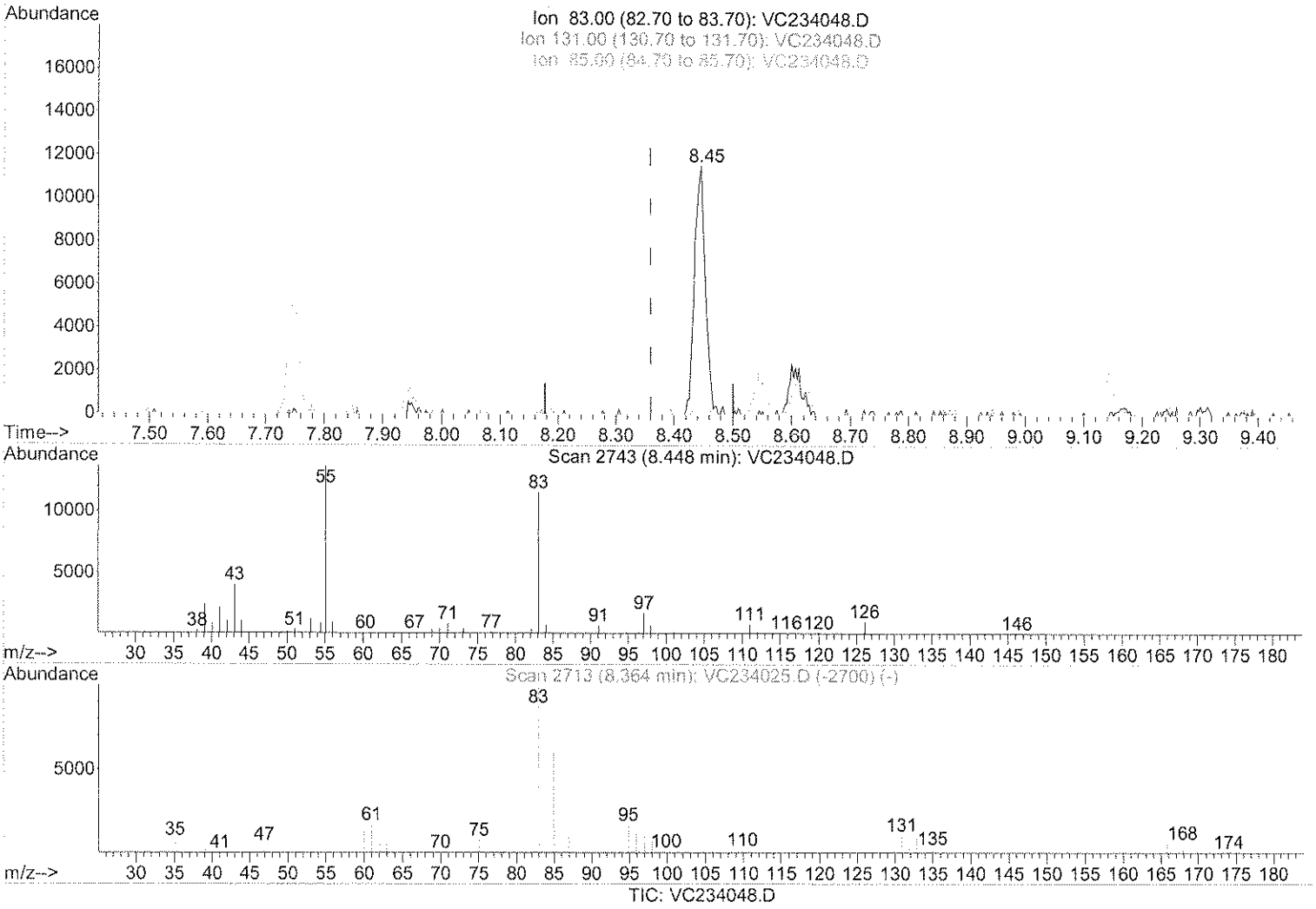
response 2314

Ion	Exp%	Act%
53.00	100	100
88.00	127.40	0.00#
75.00	99.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 23 12:06:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234048.D

(81) 1,1,2,2-TETRACHLOROETHANE (P)

8.448min (+0.086) 2.70UG/L

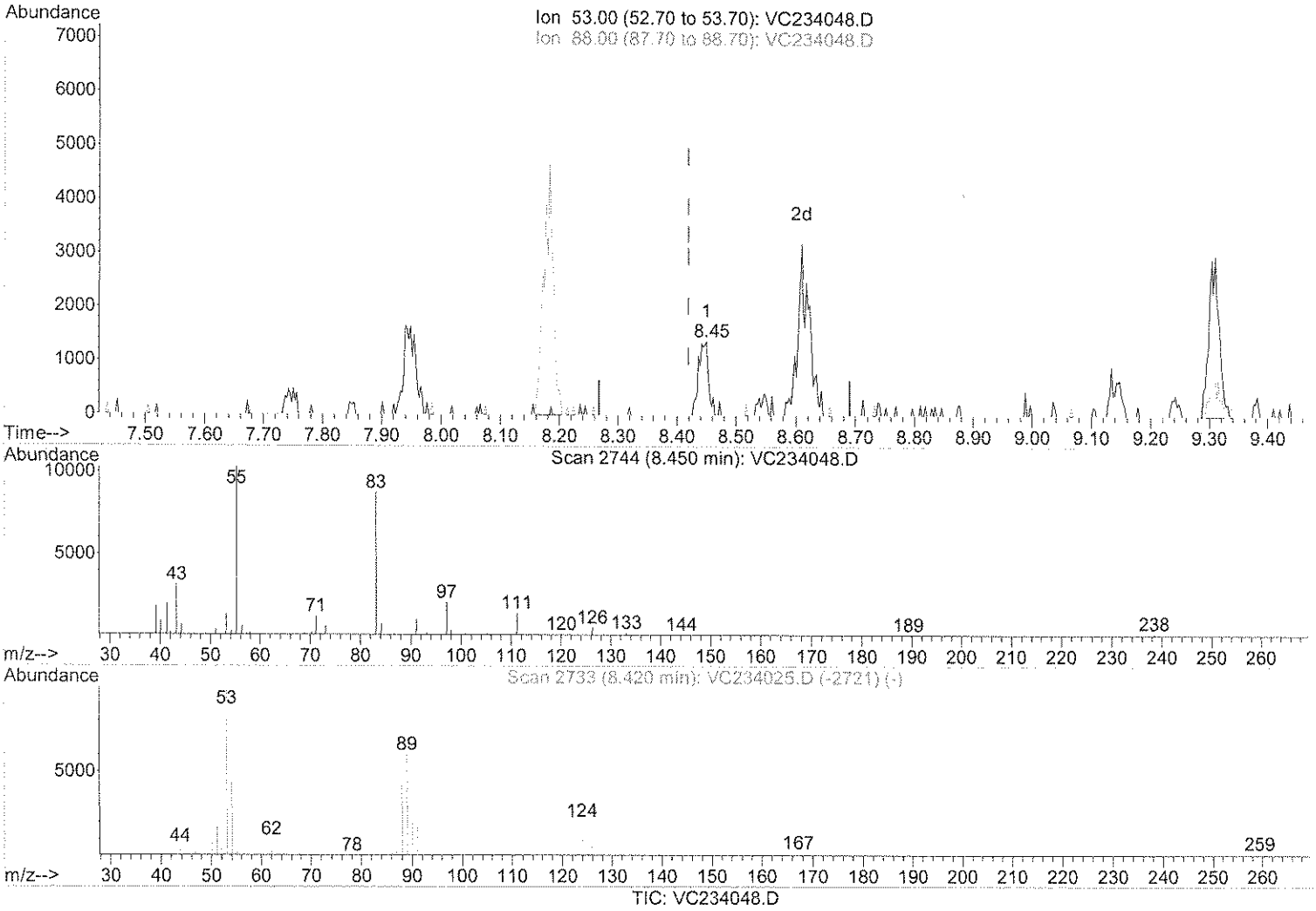
response 15247

Ion	Exp%	Act%
83.00	100	100
131.00	9.90	0.00#
85.00	62.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234048.D
Acq On : 23 Aug 2011 10:31 am
Operator :
Sample : 11H0747-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 23 12:06:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(82) 1,4-DICHLORO-2-BUTENE(TRANS)

8.450min (+0.031) 1.03UG/L

response 1648

Ion	Exp%	Act%
53.00	100	100
88.00	58.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-07	File ID:	VC234043.D
Sampled:	08/18/11 08:50	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 08:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-07	File ID:	VC234043.D
Sampled:	08/18/11 08:50	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 08:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-07	File ID:	VC234043.D
Sampled:	08/18/11 08:50	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 08:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-07	File ID:	VC234043.D
Sampled:	08/18/11 08:50	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 08:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234043.D
Acq On : 23 Aug 2011 8:00 am
Operator :
Sample : 11H0747-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 23 12:47:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

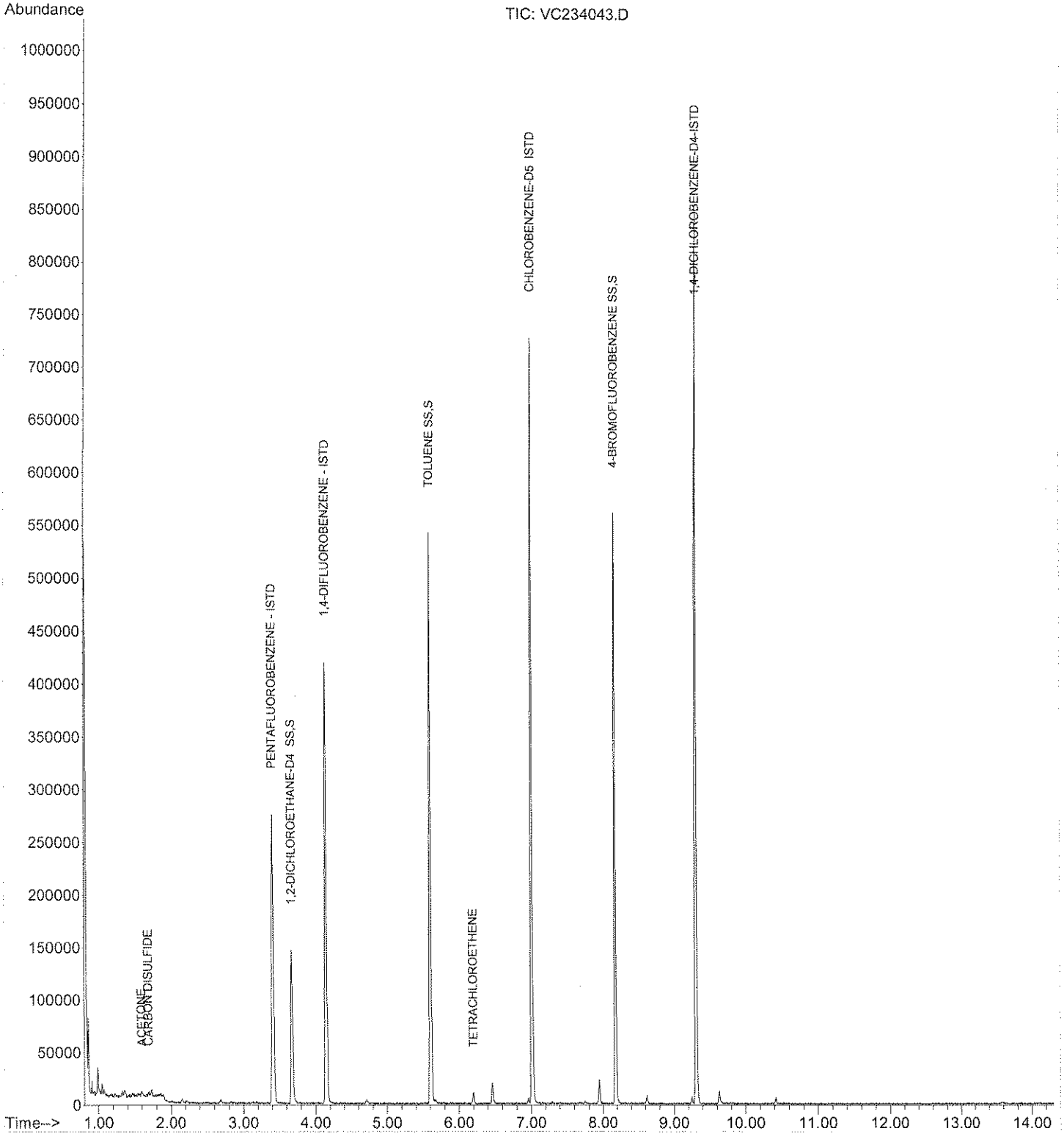
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	191442	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	294866	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	185064	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	195864	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	102113	25.21	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.84%			
49) TOLUENE SS	5.61	98	290875	24.70	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	149042	24.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.88%			
Target Compounds						Qvalue
14) ACETONE	1.60	43	4757m	4.62	UG/L	
24) CARBON DISULFIDE	1.69	76	2121	0.21	UG/L #	100
66) TETRACHLOROETHENE	6.20	166	2360	0.43	UG/L	98

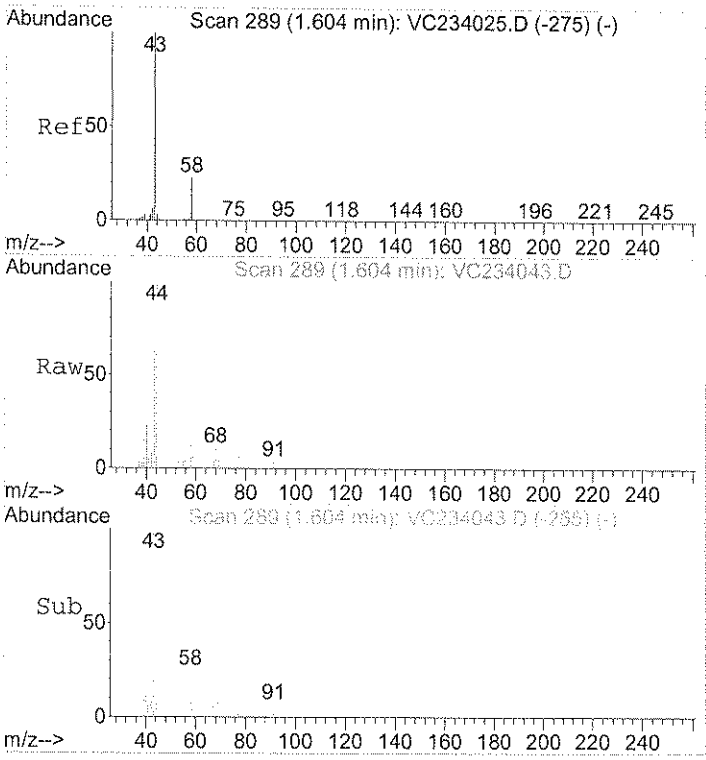
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234043.D
Acq On : 23 Aug 2011 8:00 am
Operator :
Sample : 11H0747-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 23 12:47:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

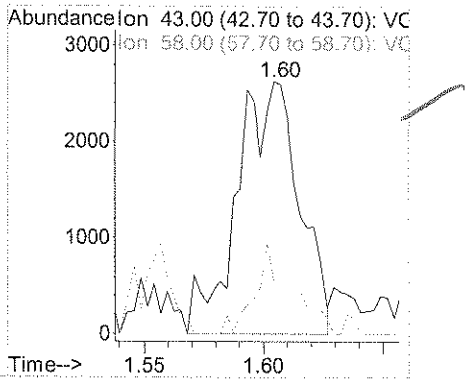


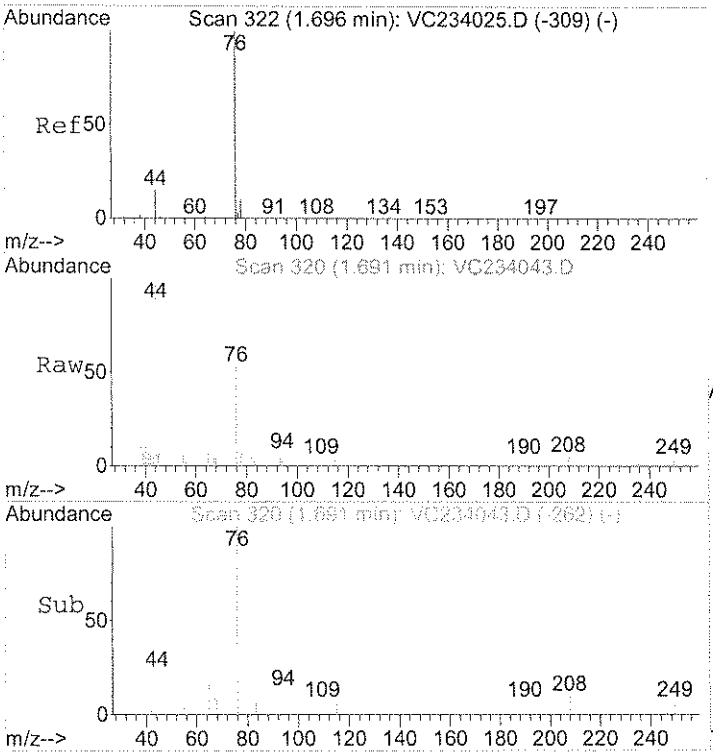


#14
ACETONE
Concen: 4.62 UG/L m
RT: 1.60 min Scan# 289
Delta R.T. 0.00 min
Lab File: VC234043.D
Acq: 23 Aug 2011 8:00 am

Tgt Ion: 43 Resp: 4757

Ion	Ratio	Lower	Upper
43	100		
58	22.0	20.2	30.2

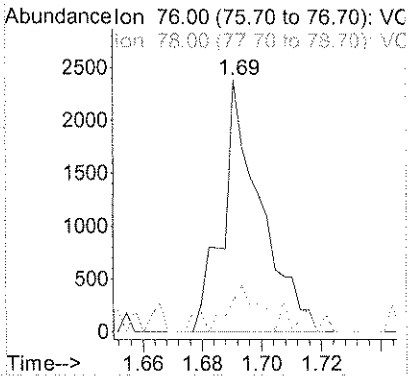


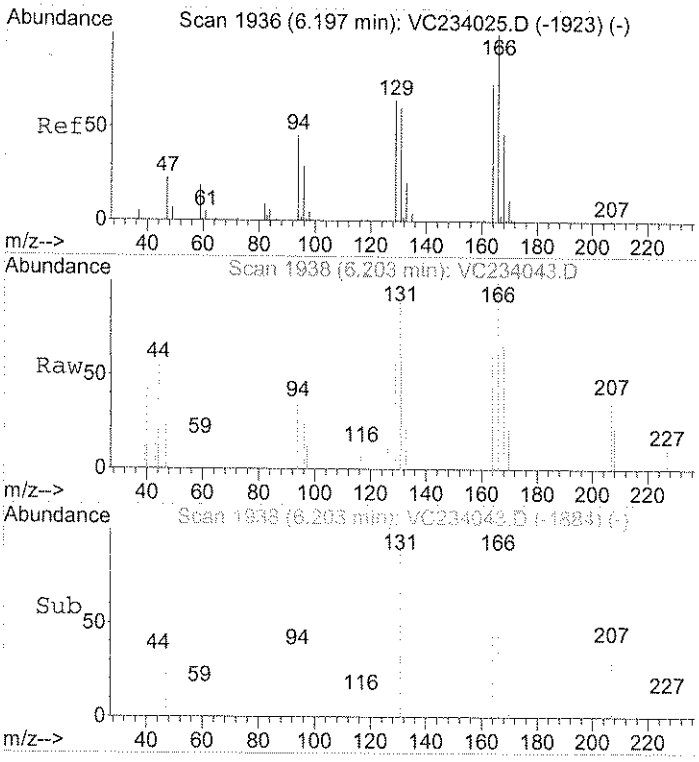


#24
CARBON DISULFIDE
Concen: 0.21 UG/L
RT: 1.69 min Scan# 320
Delta R.T. -0.00 min
Lab File: VC234043.D
Acq: 23 Aug 2011 8:00 am

Tgt Ion: 76 Resp: 2121

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

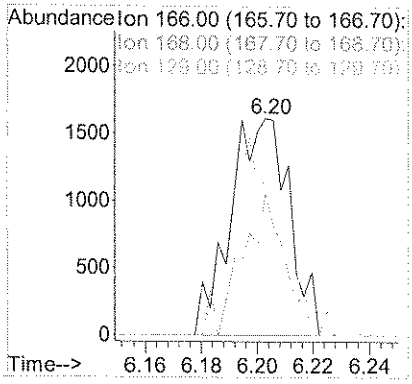




#66
TETRACHLOROETHENE
Concen: 0.43 UG/L
RT: 6.20 min Scan# 1938
Delta R.T. 0.01 min
Lab File: VC234043.D
Acq: 23 Aug 2011 8:00 am

Tgt Ion:166 Resp: 2360

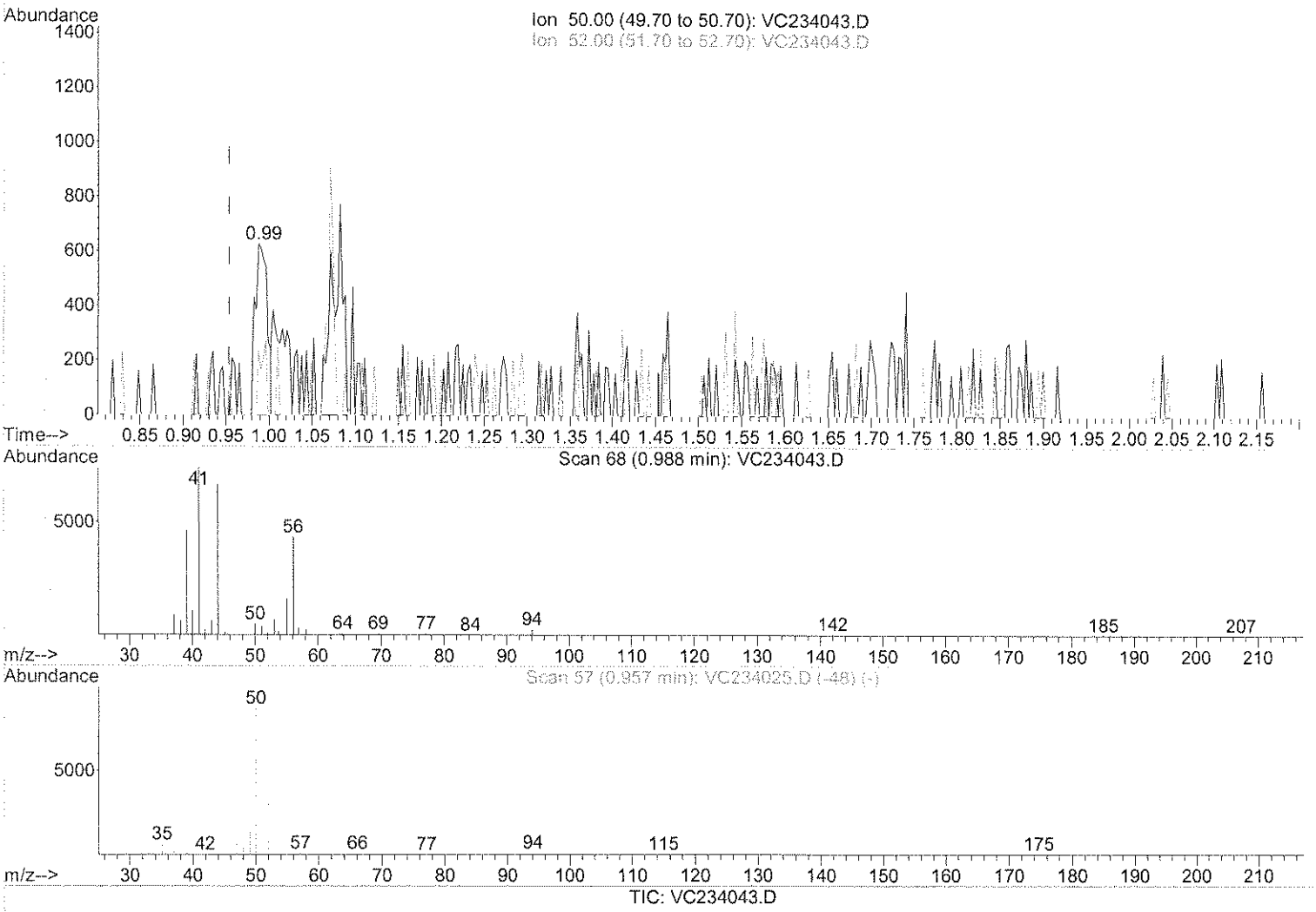
Ion	Ratio	Lower	Upper
166	100		
168	47.9	38.1	57.1
129	70.0	53.6	80.4



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234043.D
Acq On : 23 Aug 2011 8:00 am
Operator :
Sample : 11H0747-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 23 12:06:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(5) CHLOROMETHANE (P)

0.988min (+0.034) 0.12UG/L

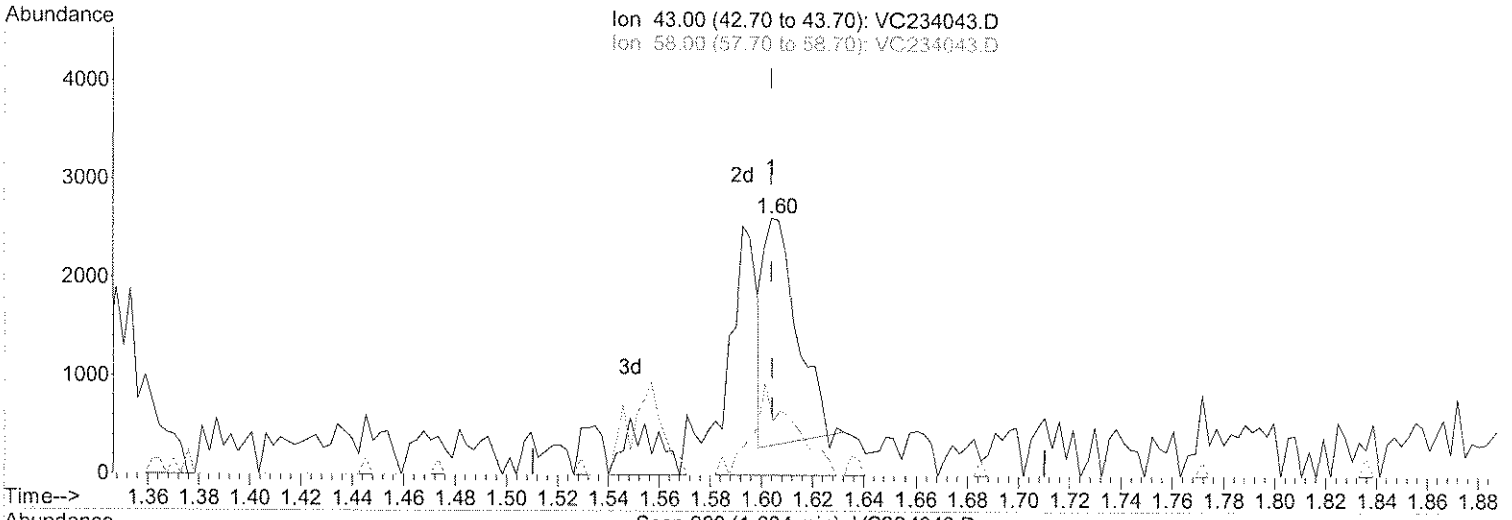
response 618

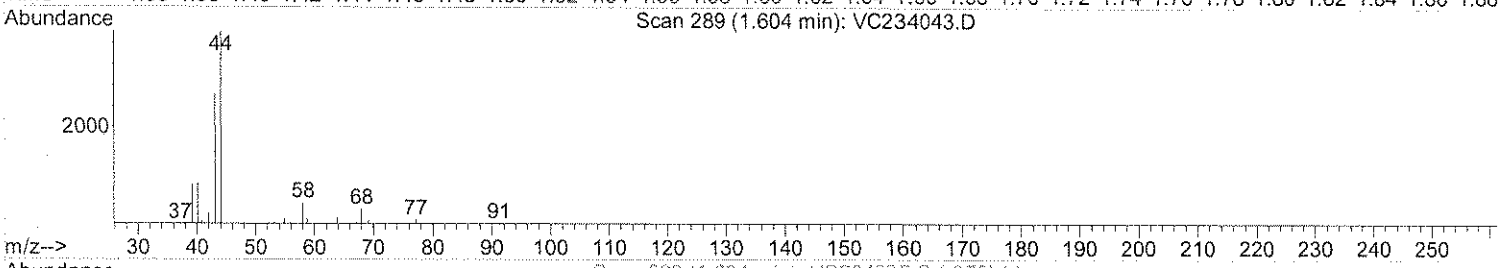
Ion	Exp%	Act%
50.00	100	100
52.00	32.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

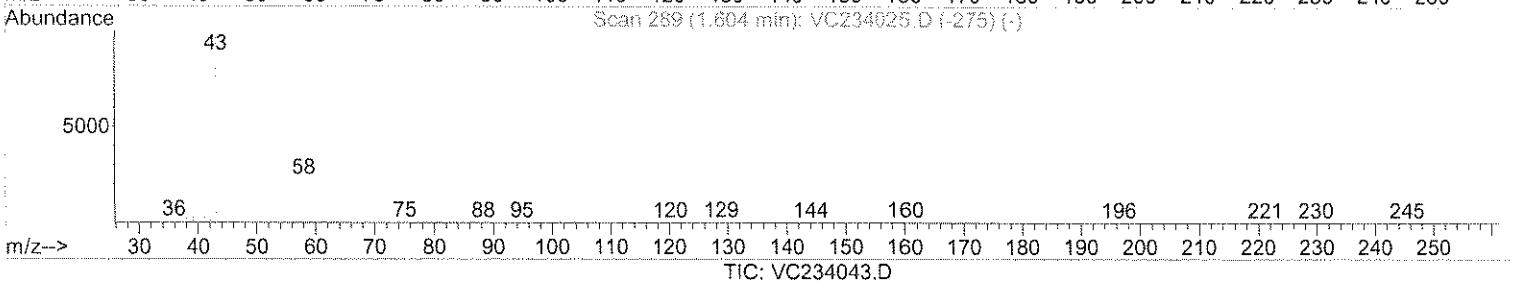
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234043.D
Acq On : 23 Aug 2011 8:00 am
Operator :
Sample : 11H0747-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 23 12:06:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234043.D

(14) ACETONE

1.604min (+0.000) 2.03UG/L

response 2084

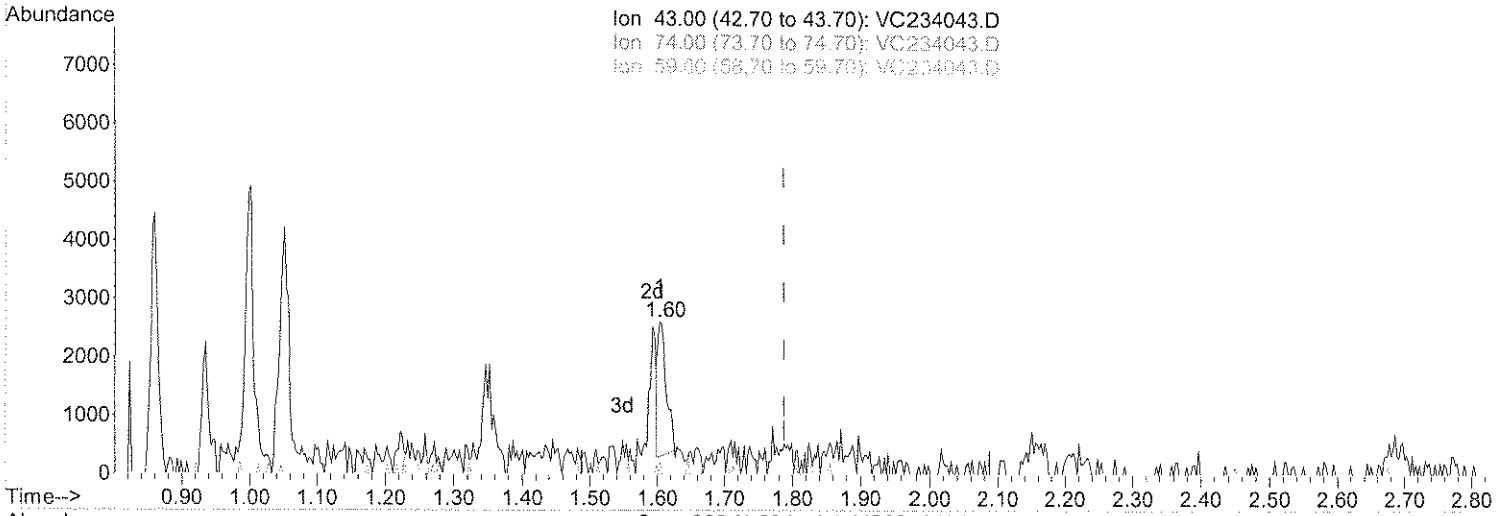
Ion	Exp%	Act%
43.00	100	100
58.00	25.20	50.19#
0.00	0.00	0.00
0.00	0.00	0.00

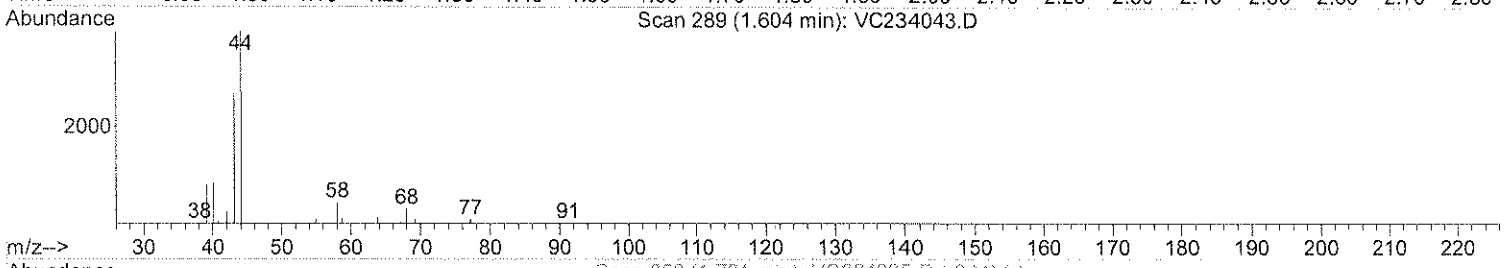
3

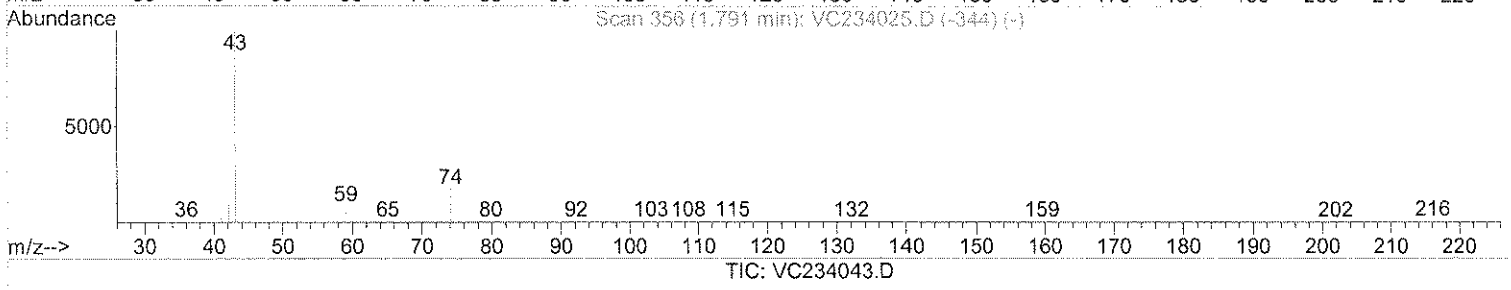
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234043.D
Acq On : 23 Aug 2011 8:00 am
Operator :
Sample : 11H0747-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 23 12:06:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234043.D

(20) METHYL ACETATE

1.604min (-0.184) 0.36UG/L

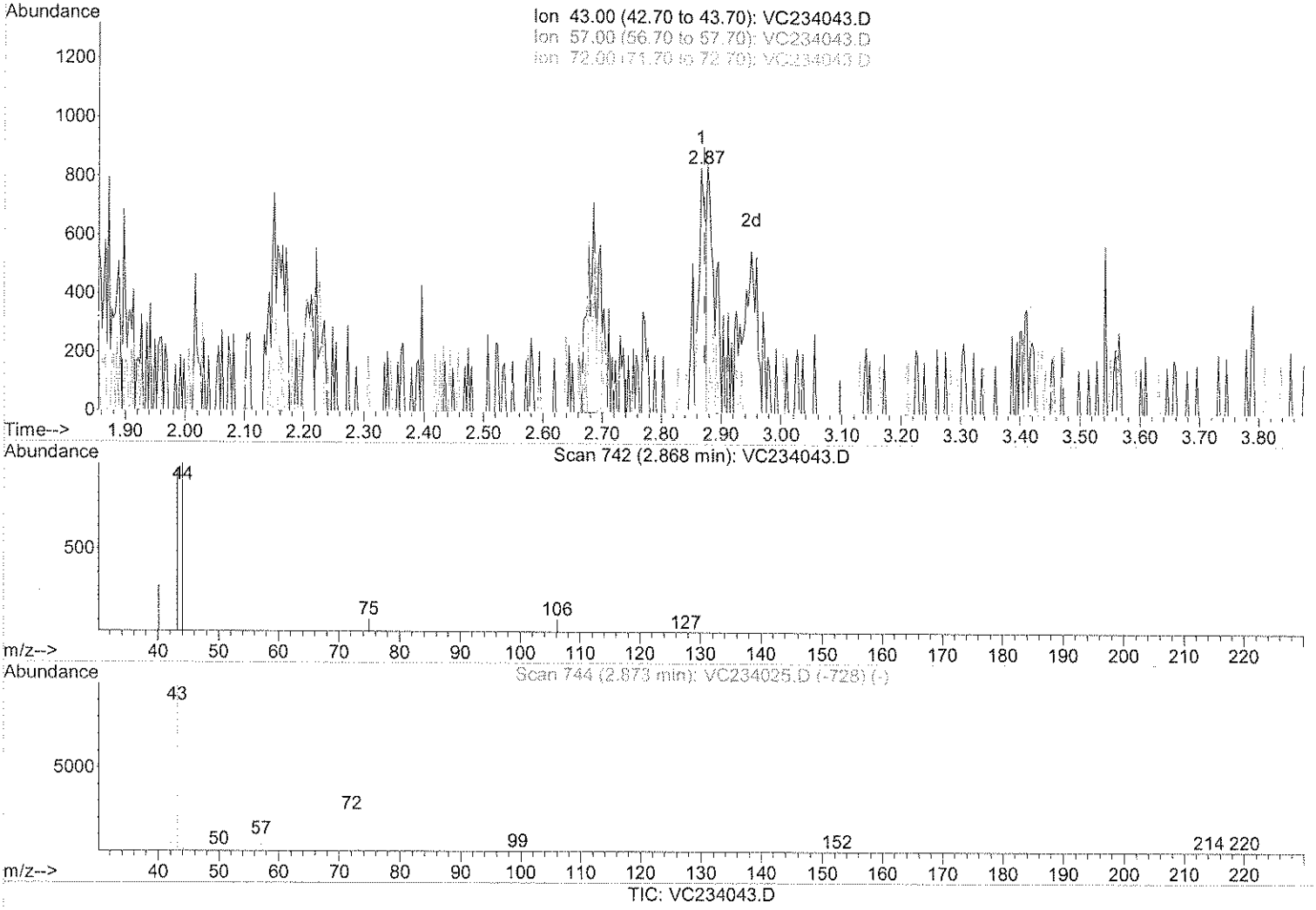
response 2084

Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234043.D
Acq On : 23 Aug 2011 8:00 am
Operator :
Sample : 11H0747-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 23 12:06:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234043.D

(31) 2-BUTANONE

2.868min (-0.006) 0.37UG/L

response 675

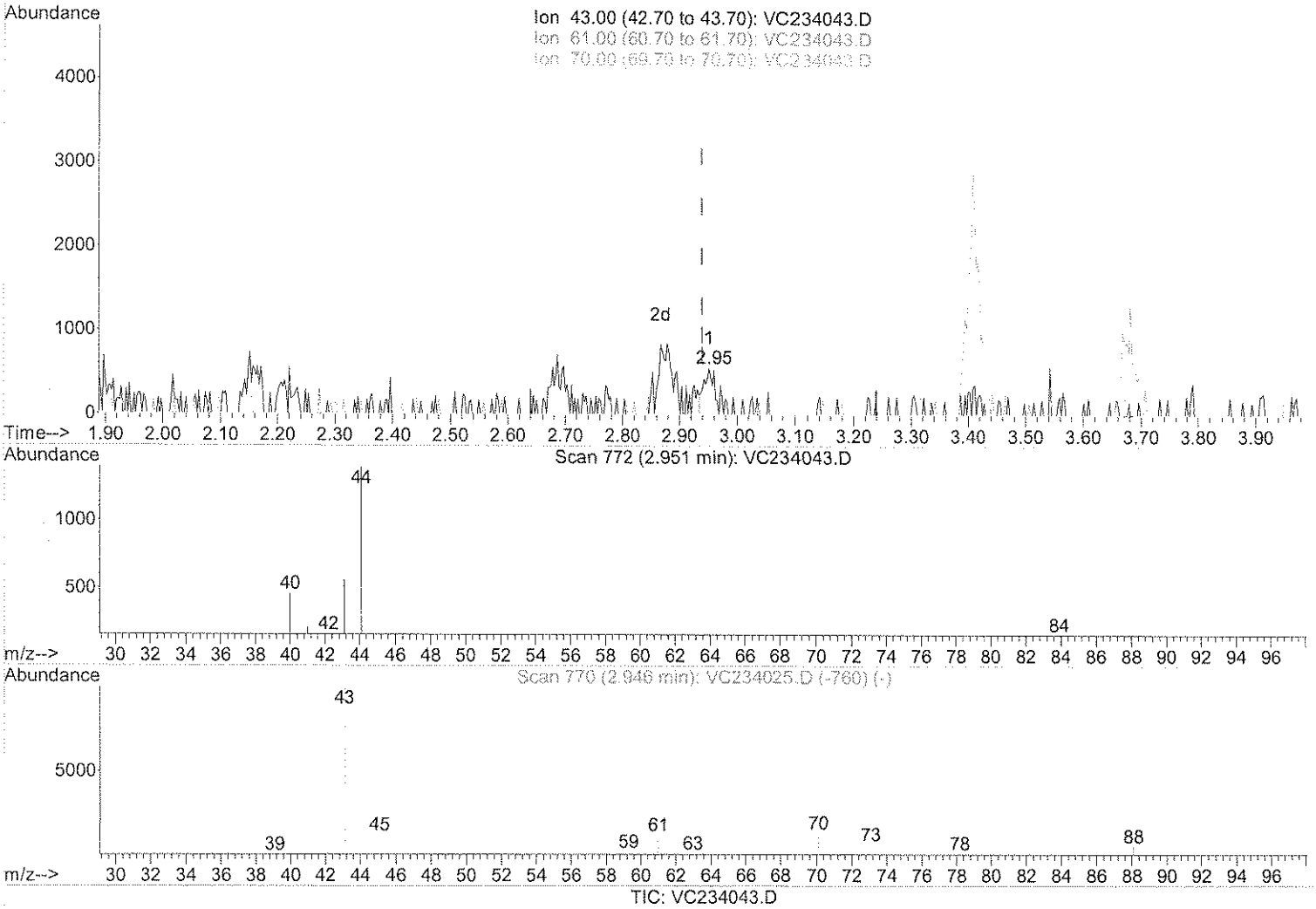
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00#
72.00	23.60	0.00#
0.00	0.00	0.00

3.

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234043.D
Acq On : 23 Aug 2011 8:00 am
Operator :
Sample : 11H0747-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 23 12:06:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(35) ETHYL ACETATE

2.951min (+0.011) 0.14UG/L

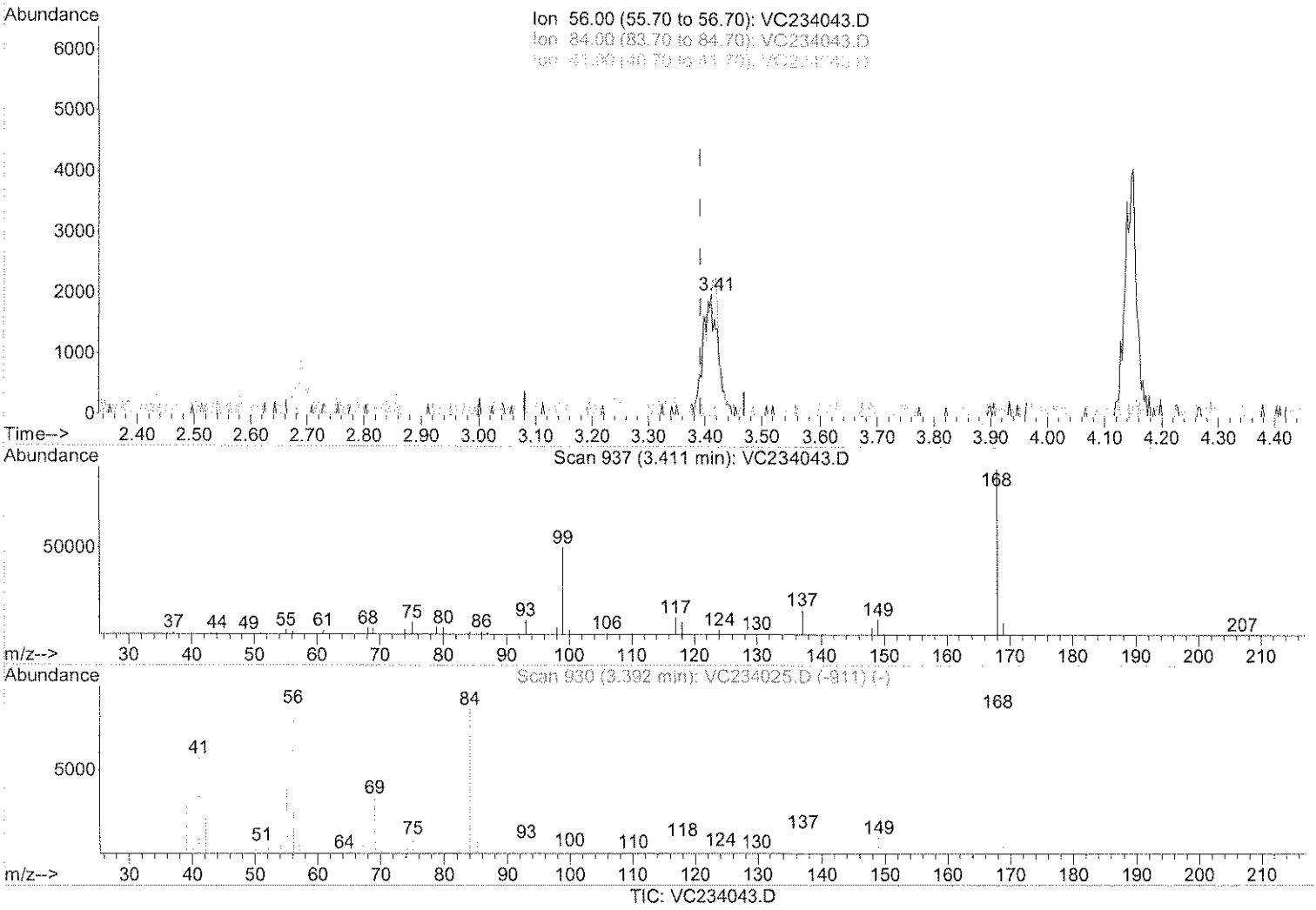
response 676

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234043.D
Acq On : 23 Aug 2011 8:00 am
Operator :
Sample : 11H0747-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 23 12:06:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234043.D

(42) CYCLOHEXANE

3.411min (+0.020) 0.53UG/L

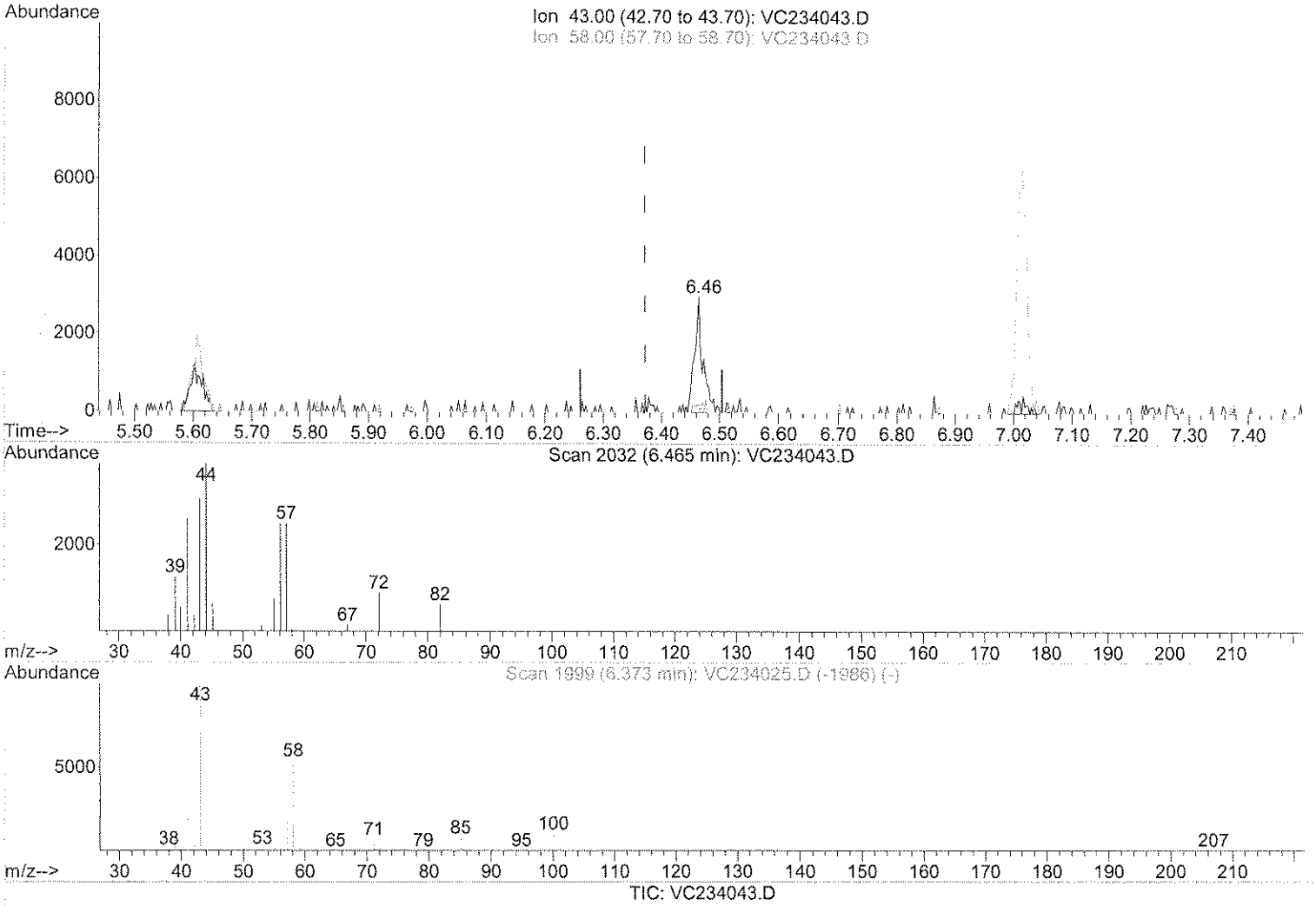
response 3613

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	78.74
41.00	62.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234043.D
Acq On : 23 Aug 2011 8:00 am
Operator :
Sample : 11H0747-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 23 12:06:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234043.D

(65) 2-HEXANONE

6.465min (+0.092) 1.10UG/L

response 2973

Ion	Exp%	Act%
43.00	100	100
58.00	51.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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1 - FORM I
ANALYSIS DATA SHEET

PW17-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-08	File ID:	VC234044.D
Sampled:	08/18/11 09:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 08:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-08	File ID:	VC234044.D
Sampled:	08/18/11 09:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 08:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-08	File ID:	VC234044.D
Sampled:	08/18/11 09:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 08:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-08	File ID:	VC234044.D
Sampled:	08/18/11 09:30	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 08:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234044.D
Acq On : 23 Aug 2011 8:30 am
Operator :
Sample : 11H0747-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

Quant Time: Aug 23 12:49:36 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	194053	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	298647	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	185886	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	197441	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	102596	24.99	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%			
49) TOLUENE SS	5.61	98	298709	25.04	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	150361	24.58	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.32%			
Target Compounds						Qvalue
14) ACETONE	1.61	43	4087	3.92	UG/L	# 82
24) CARBON DISULFIDE	1.69	76	1257	0.12	UG/L	# 100
31) 2-BUTANONE	2.88	43	1855m	1.01	UG/L	
33) CIS-1,2-DICHLOROETHENE	2.84	61	2182m	0.27	UG/L	
40) CHLOROFORM	3.18	83	996	0.10	UG/L	# 19
45) BENZENE	3.72	78	1885	0.10	UG/L	# 1
51) TRICHLOROETHENE	4.39	95	1635	0.32	UG/L	# 72
61) TOLUENE	5.67	91	2729	0.14	UG/L	98
65) 2-HEXANONE	6.38	43	599m	0.22	UG/L	
66) TETRACHLOROETHENE	6.20	166	11232	2.03	UG/L	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234044.D
Acq On : 23 Aug 2011 8:30 am
Operator :
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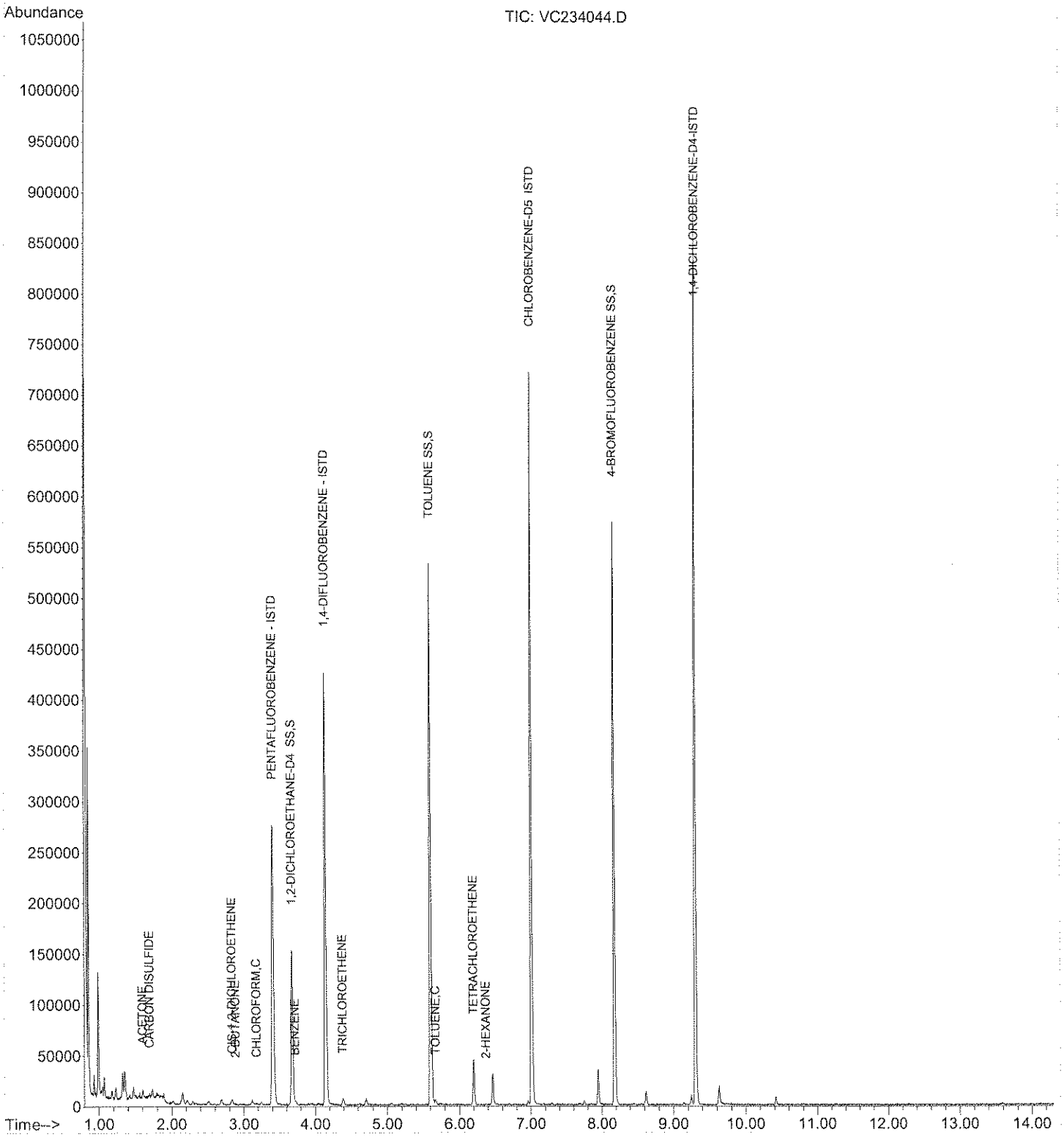
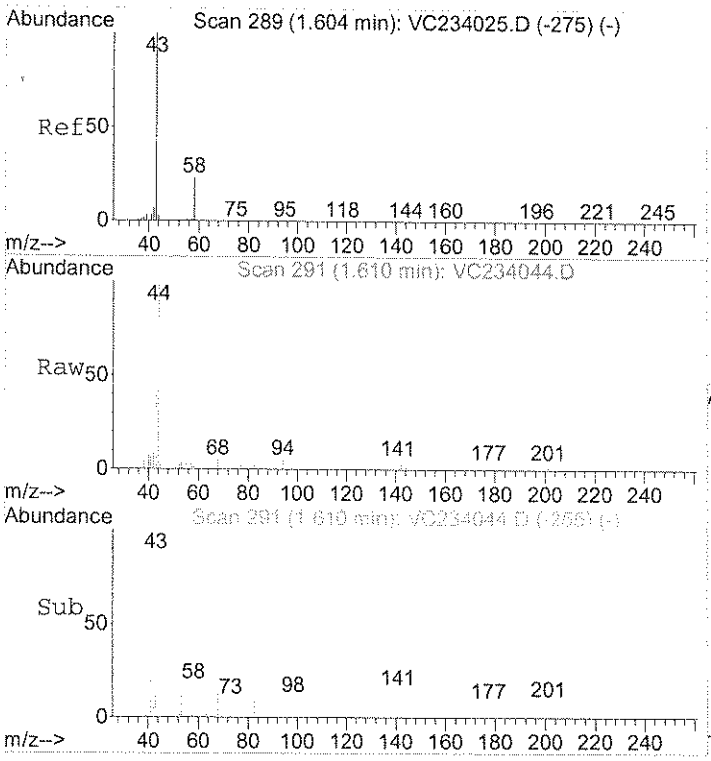
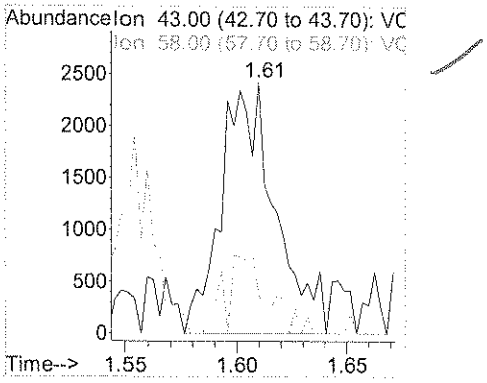


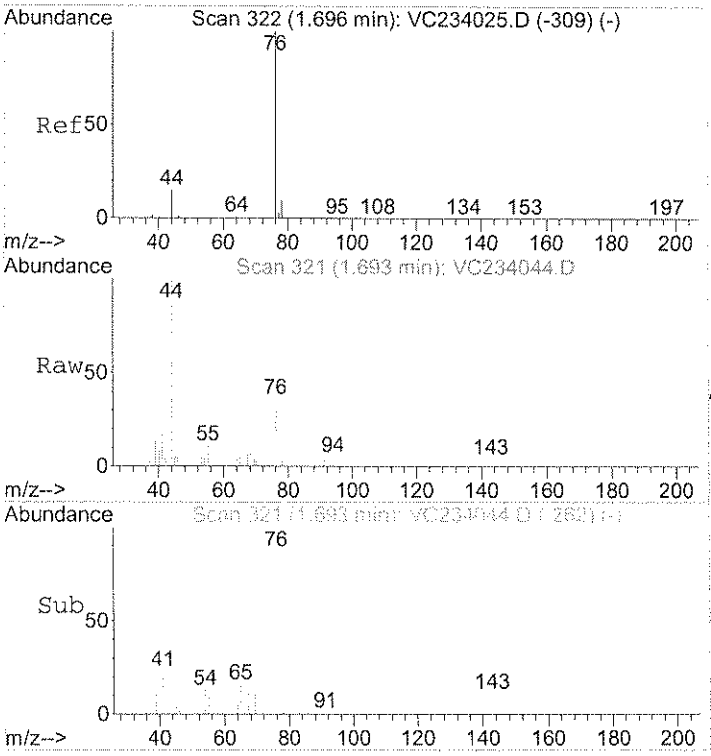


#14
ACETONE
Concen: 3.92 UG/L
RT: 1.61 min Scan# 291
Delta R.T. 0.01 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion: 43 Resp: 4087

Ion	Ratio	Lower	Upper
43	100		
58	15.9	20.2	30.2#

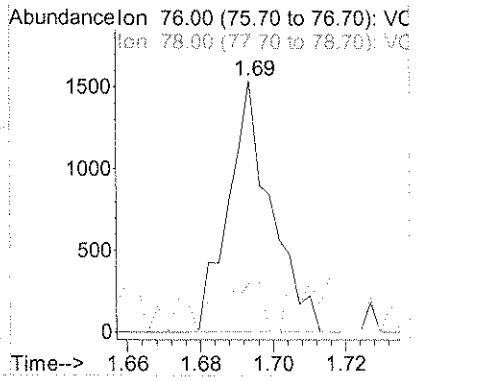


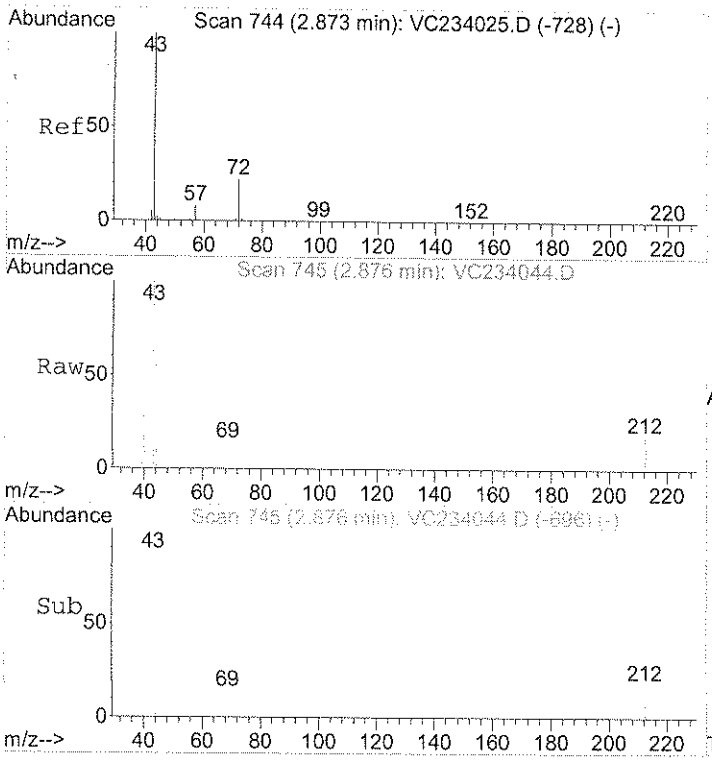


#24
CARBON DISULFIDE
Concen: 0.12 UG/L
RT: 1.69 min Scan# 321
Delta R.T. -0.00 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion: 76 Resp: 1257

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

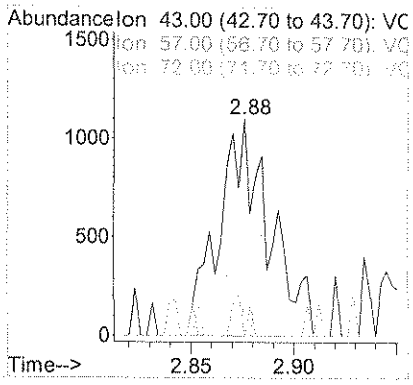


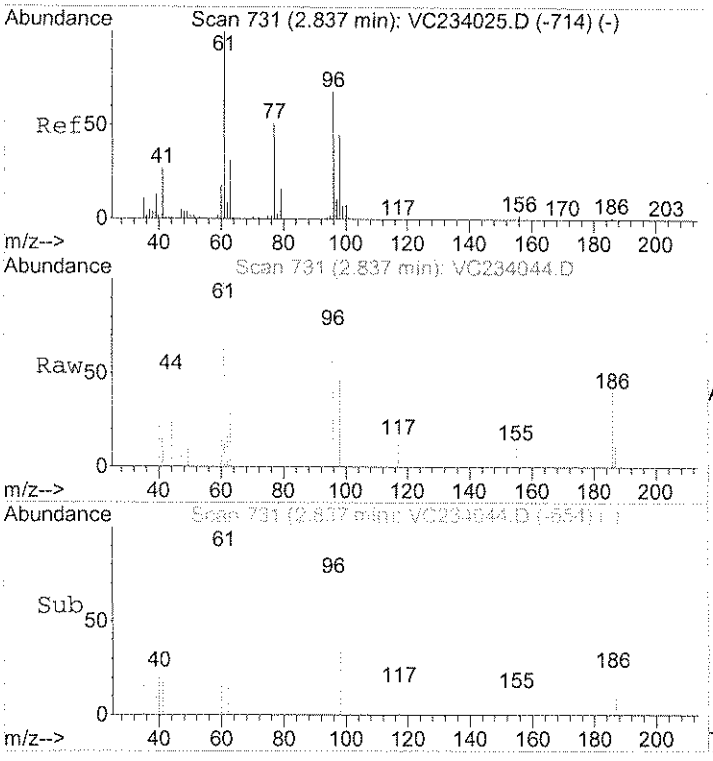


#31
2-BUTANONE
Concen: 1.01 UG/L m
RT: 2.88 min Scan# 745
Delta R.T. 0.00 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion: 43 Resp: 1855

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	0.0	18.9	28.3#

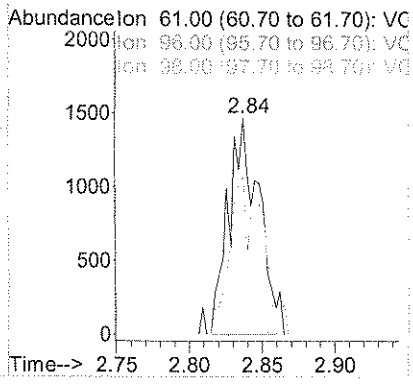


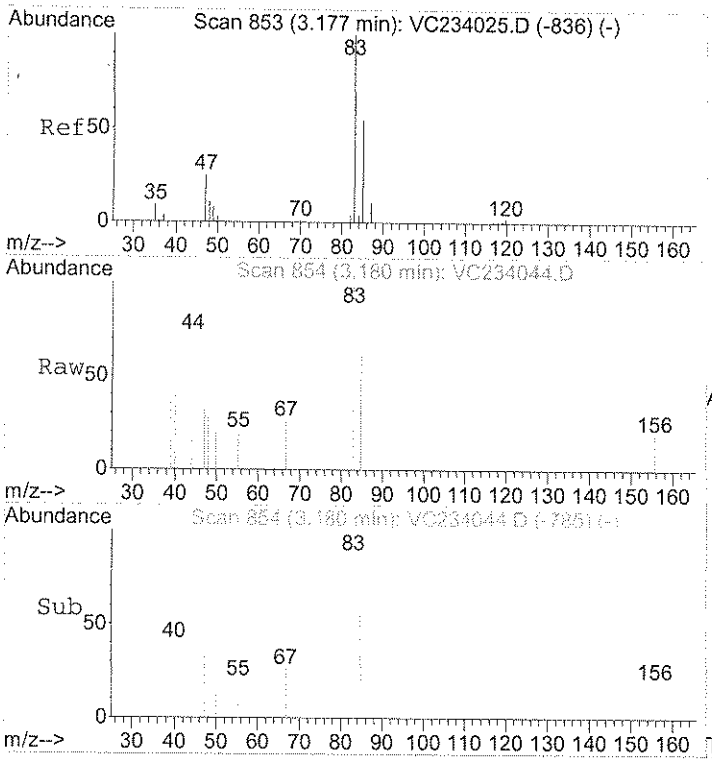


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.27 UG/L m
RT: 2.84 min Scan# 731
Delta R.T. -0.00 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion: 61 Resp: 2182

Ion	Ratio	Lower	Upper
61	100		
96	40.4	53.0	79.6#
98	44.5	33.9	50.9

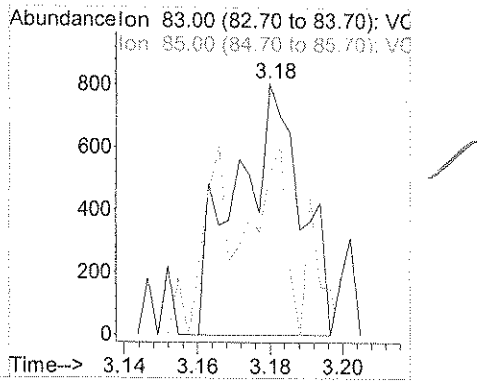


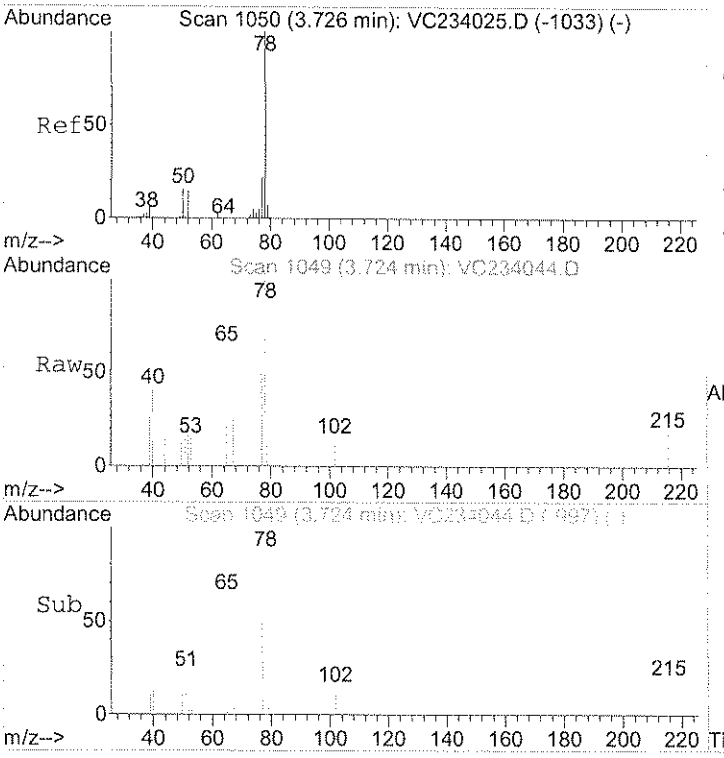


#40
CHLOROFORM
Concen: 0.10 UG/L
RT: 3.18 min Scan# 854
Delta R.T. 0.00 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion: 83 Resp: 996

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.4	75.6#

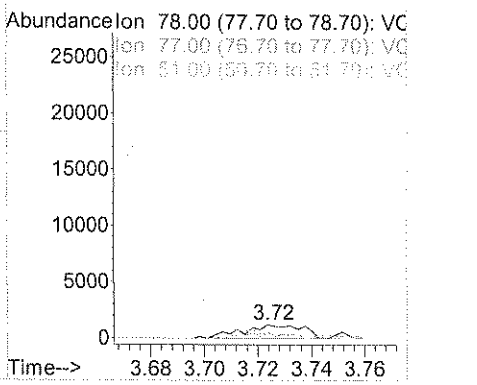


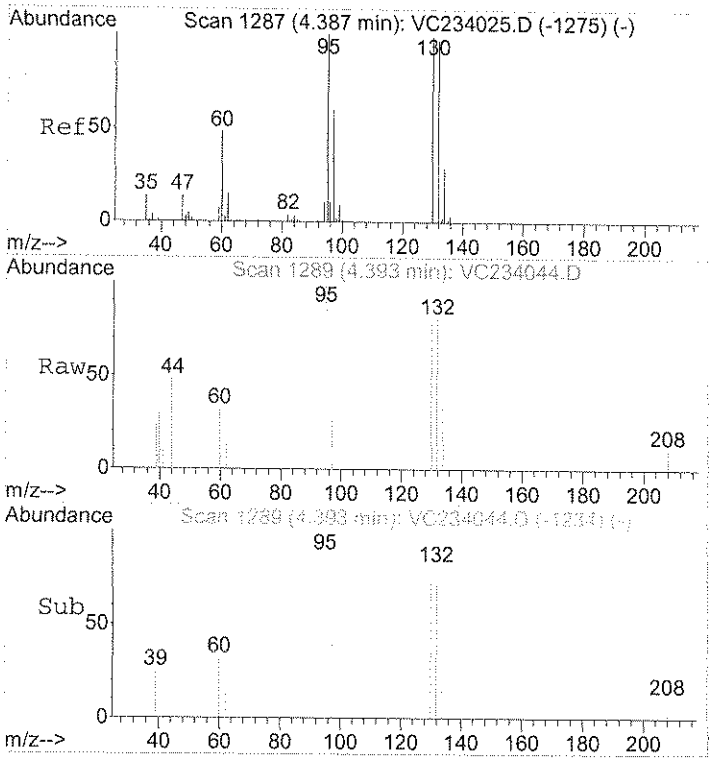


#45
BENZENE
Concen: 0.10 UG/L
RT: 3.72 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion: 78 Resp: 1885

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.6	28.0#
51	1744.8	17.1	25.7#

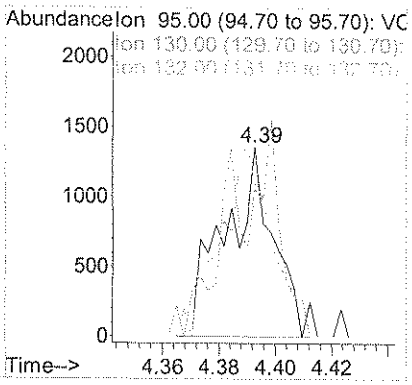


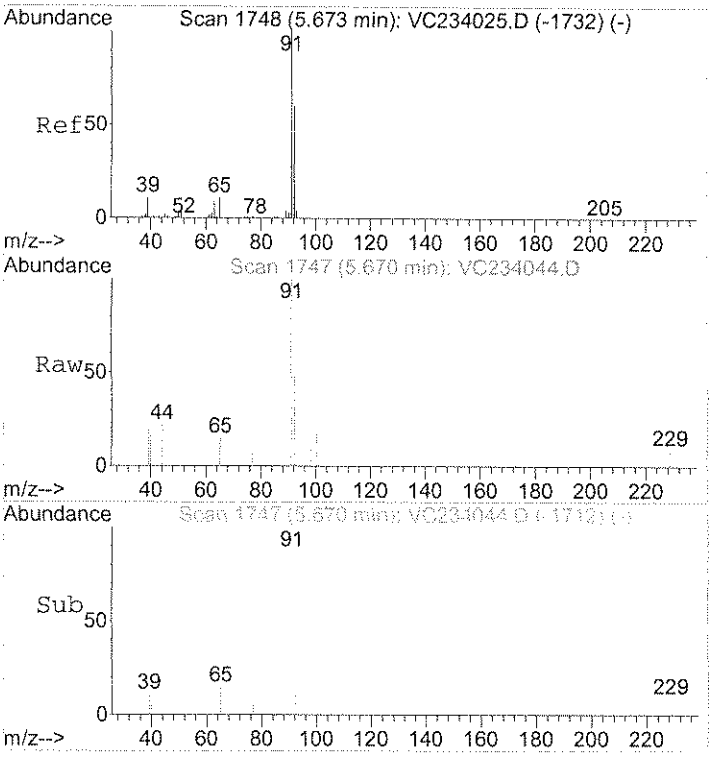


#51
TRICHLOROETHENE
Concen: 0.32 UG/L
RT: 4.39 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion: 95 Resp: 1635

Ion	Ratio	Lower	Upper
95	100		
130	54.6	77.3	115.9#
132	105.7	74.7	112.1

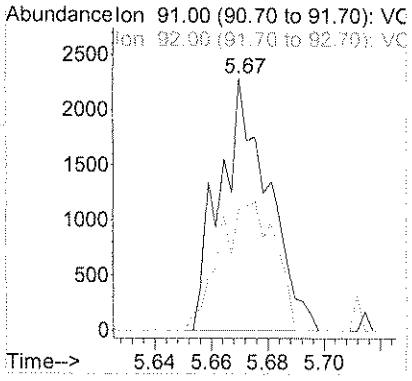


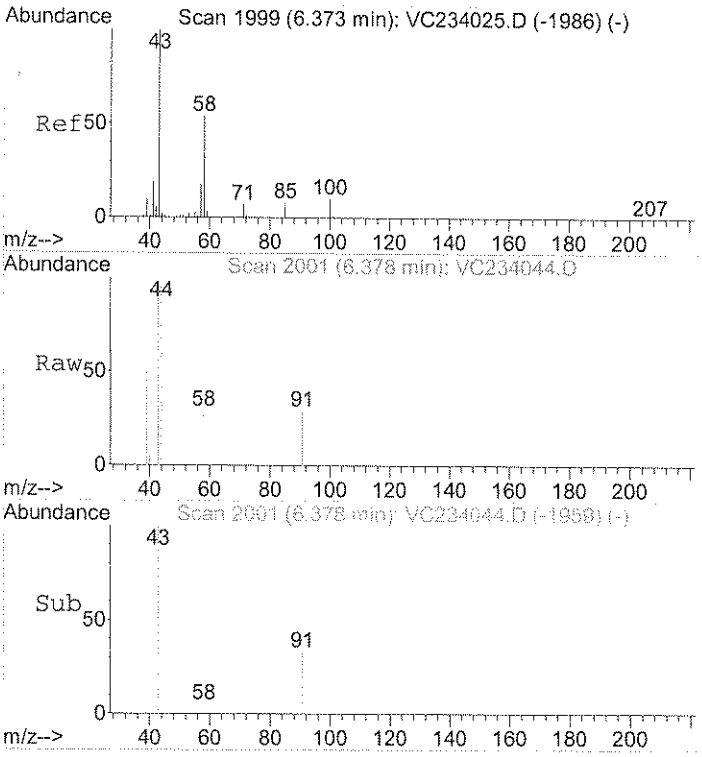


#61
TOLUENE
Concen: 0.14 UG/L
RT: 5.67 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion: 91 Resp: 2729

Ion	Ratio	Lower	Upper
91	100		
92	58.7	48.2	72.2

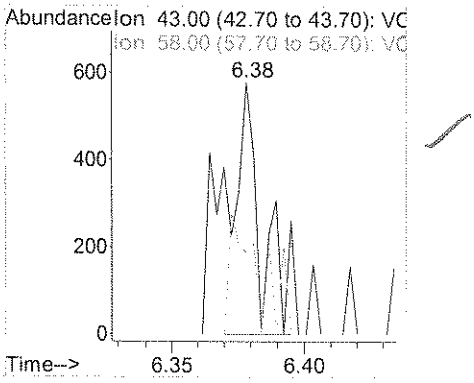


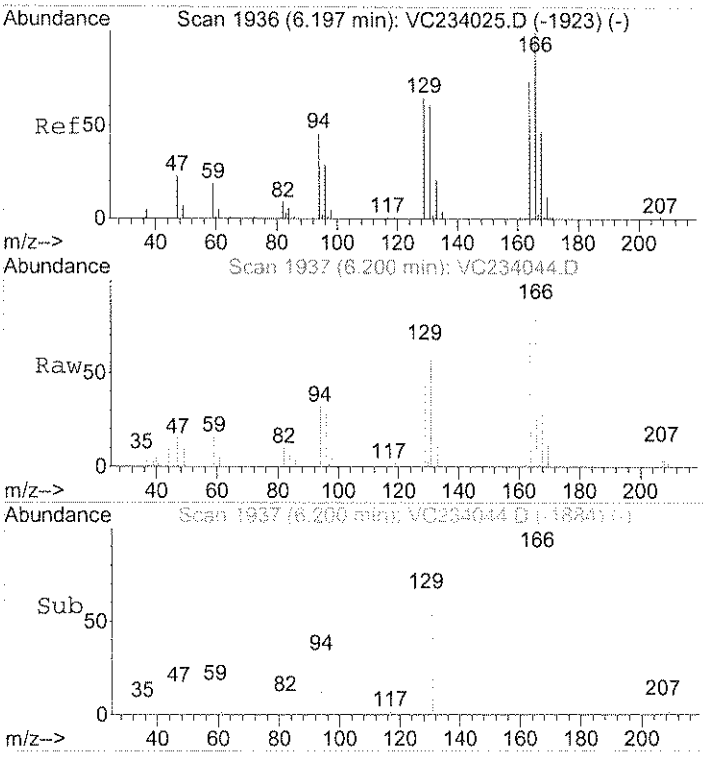


#65
2-HEXANONE
Concen: 0.22 UG/L m
RT: 6.38 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion: 43 Resp: 599

Ion	Ratio	Lower	Upper
43	100		
58	100.8	41.4	62.2#

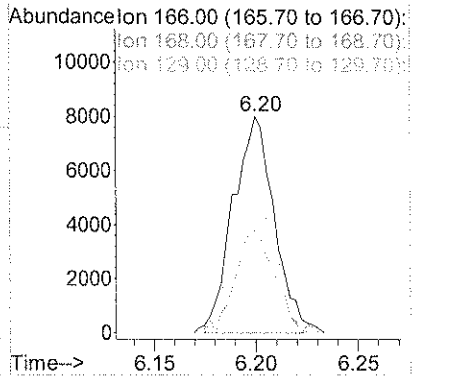




#66
TETRACHLOROETHENE
Concen: 2.03 UG/L
RT: 6.20 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VC234044.D
Acq: 23 Aug 2011 8:30 am

Tgt Ion:166 Resp: 11232

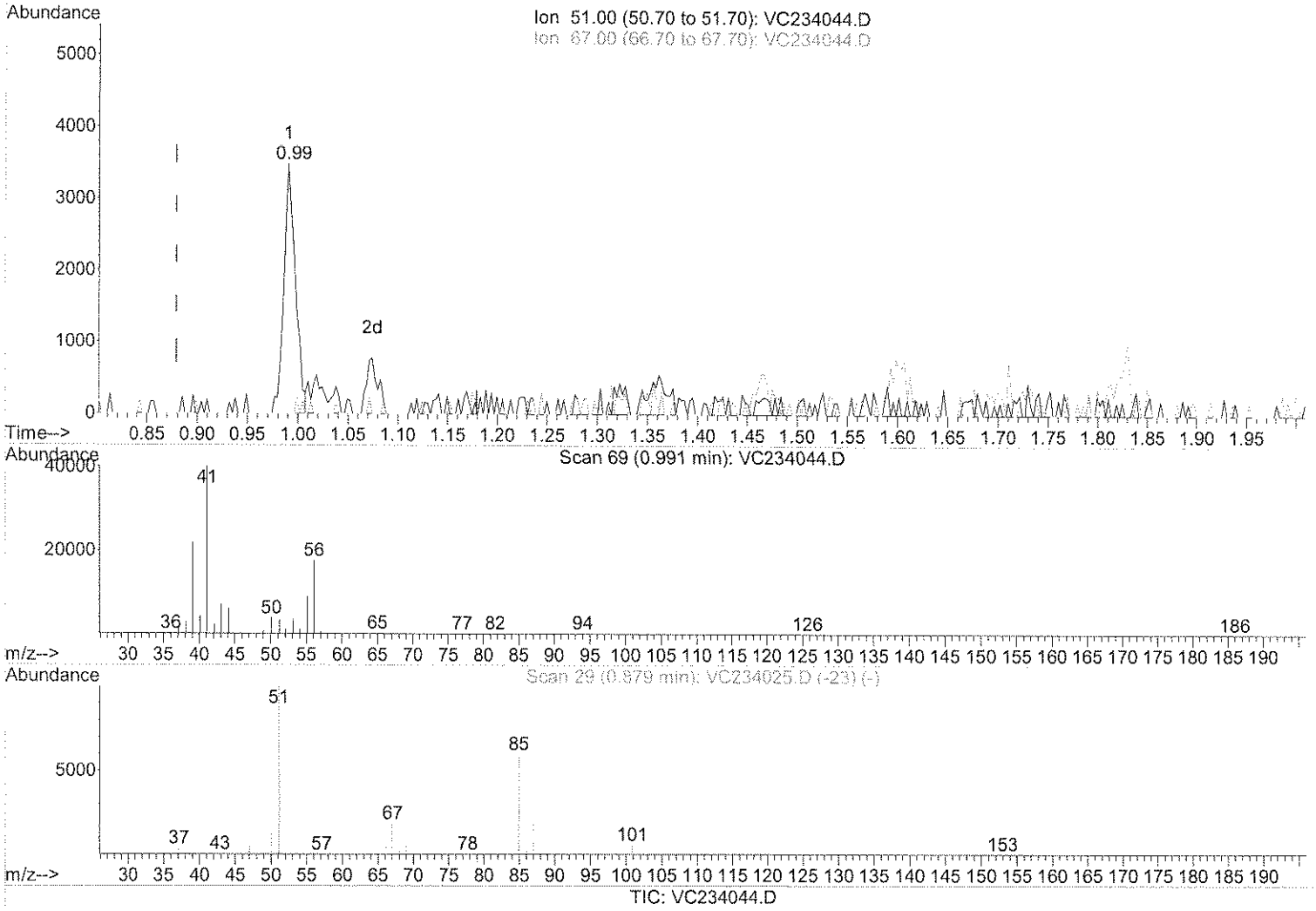
Ion	Ratio	Lower	Upper
166	100		
168	44.3	38.1	57.1
129	70.3	53.6	80.4



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234044.D
Acq On : 23 Aug 2011 8:30 am
Operator :
Sample : 11H0747-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 23 12:06:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234044.D

(4) DIFLUOROCHLOROMETHANE

0.991min (+0.111) 0.41UG/L

response 2820

Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
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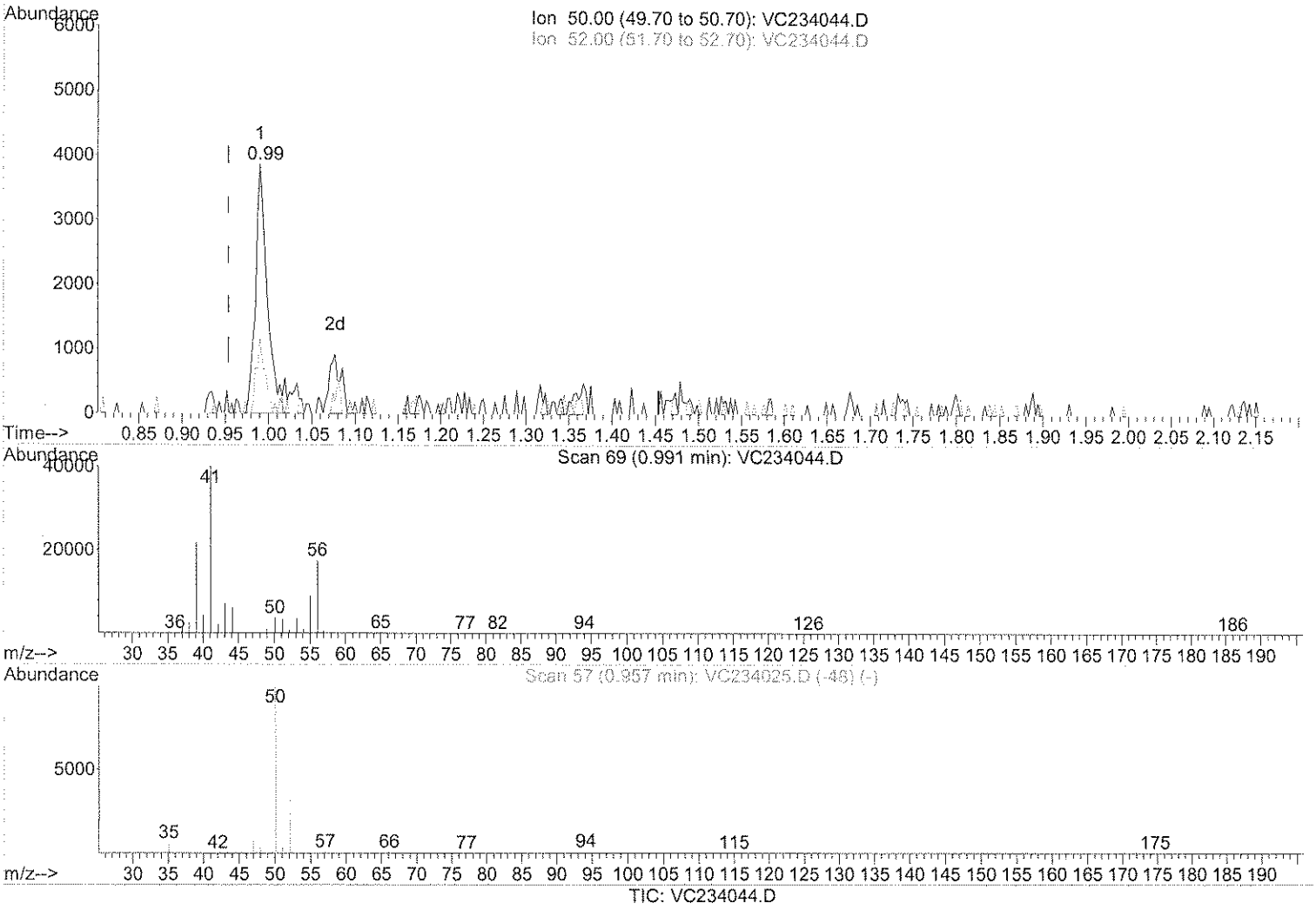


TIC: VC234044.D

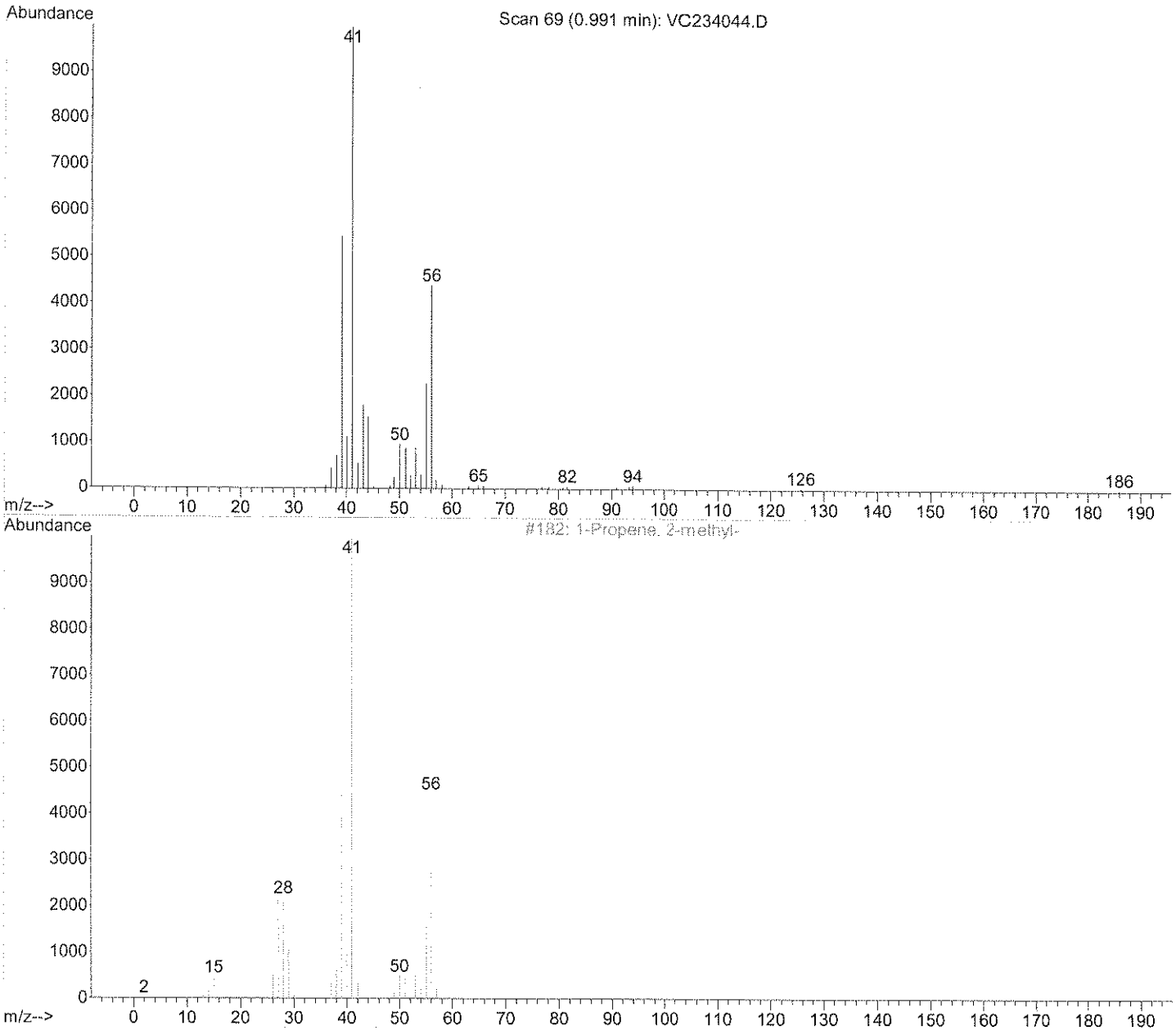
(5) CHLOROMETHANE (P)

0.991min (+0.037) 0.72UG/L

response 3622

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	22.00#
0.00	0.00	0.00
0.00	0.00	0.00

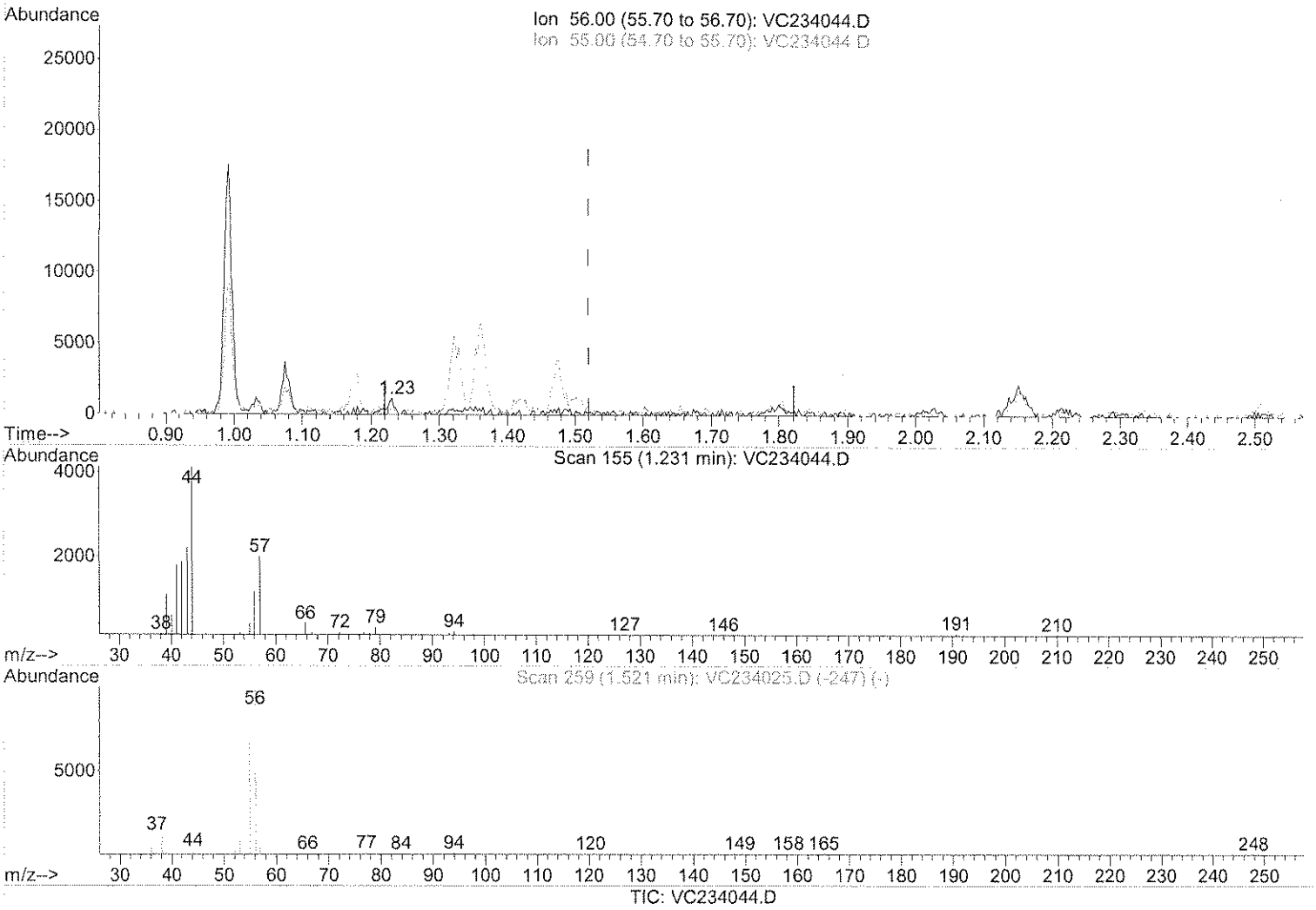
Library Searched : C:\Database\NIST05.L
Quality : 81
ID : 1-Propene, 2-methyl-



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234044.D
Acq On : 23 Aug 2011 8:30 am
Operator :
Sample : 11H0747-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 23 12:06:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(13) ACROLEIN

1.231min (-0.290) 1.35UG/L

response 533

Ion	Exp%	Act%
56.00	100	100
55.00	75.70	1171.67#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234044.D
Acq On : 23 Aug 2011 8:30 am
Operator :
Sample : 11H0747-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 23 12:06:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
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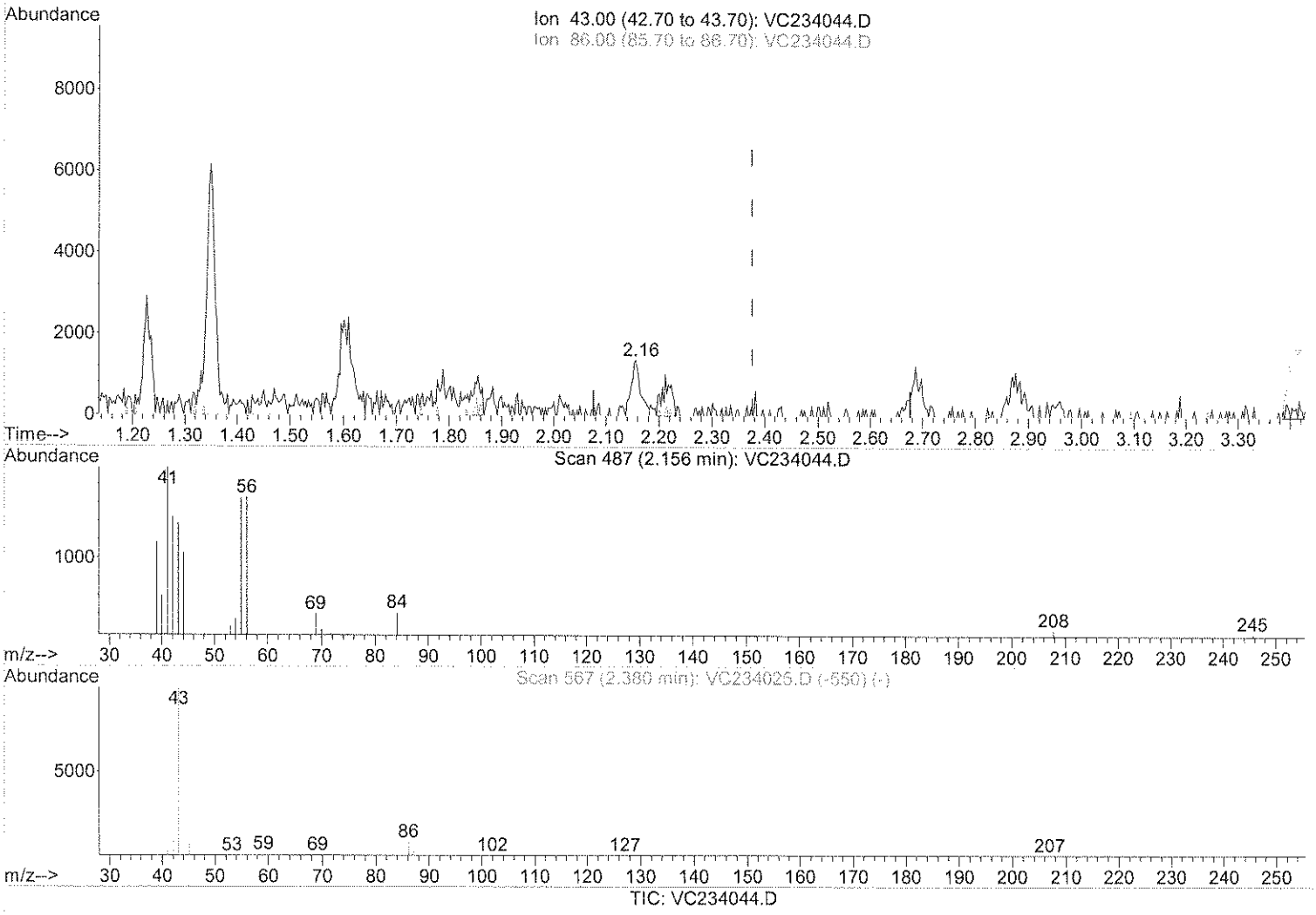


TIC: VC234044.D

(28) VINYL ACETATE

2.156min (-0.220) 0.20UG/L

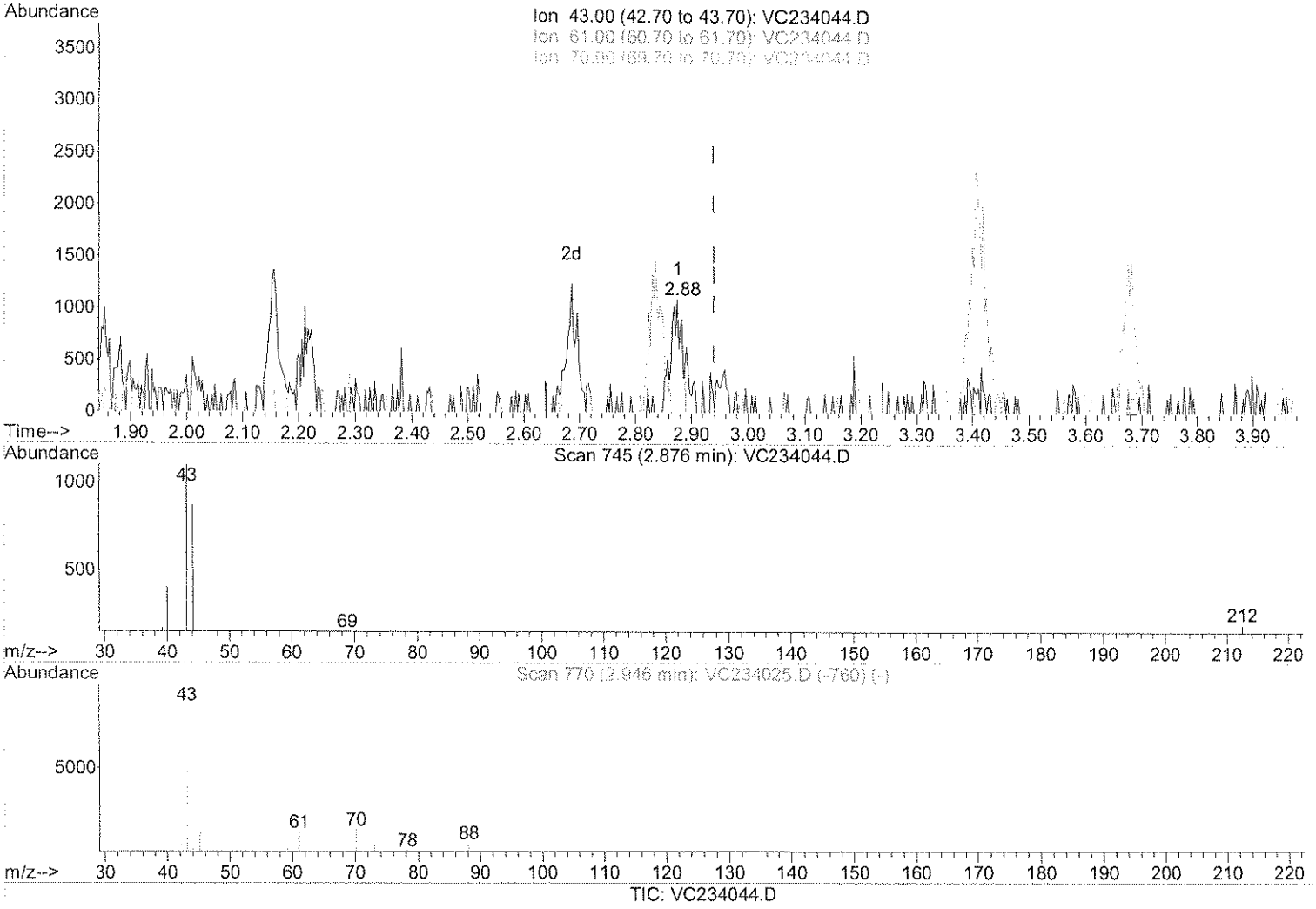
response 1737

Ion	Exp%	Act%
43.00	100	100
86.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234044.D
Acq On : 23 Aug 2011 8:30 am
Operator :
Sample : 11H0747-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 23 12:06:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234044.D

(35) ETHYL ACETATE

2.876min (-0.064) 0.30UG/L

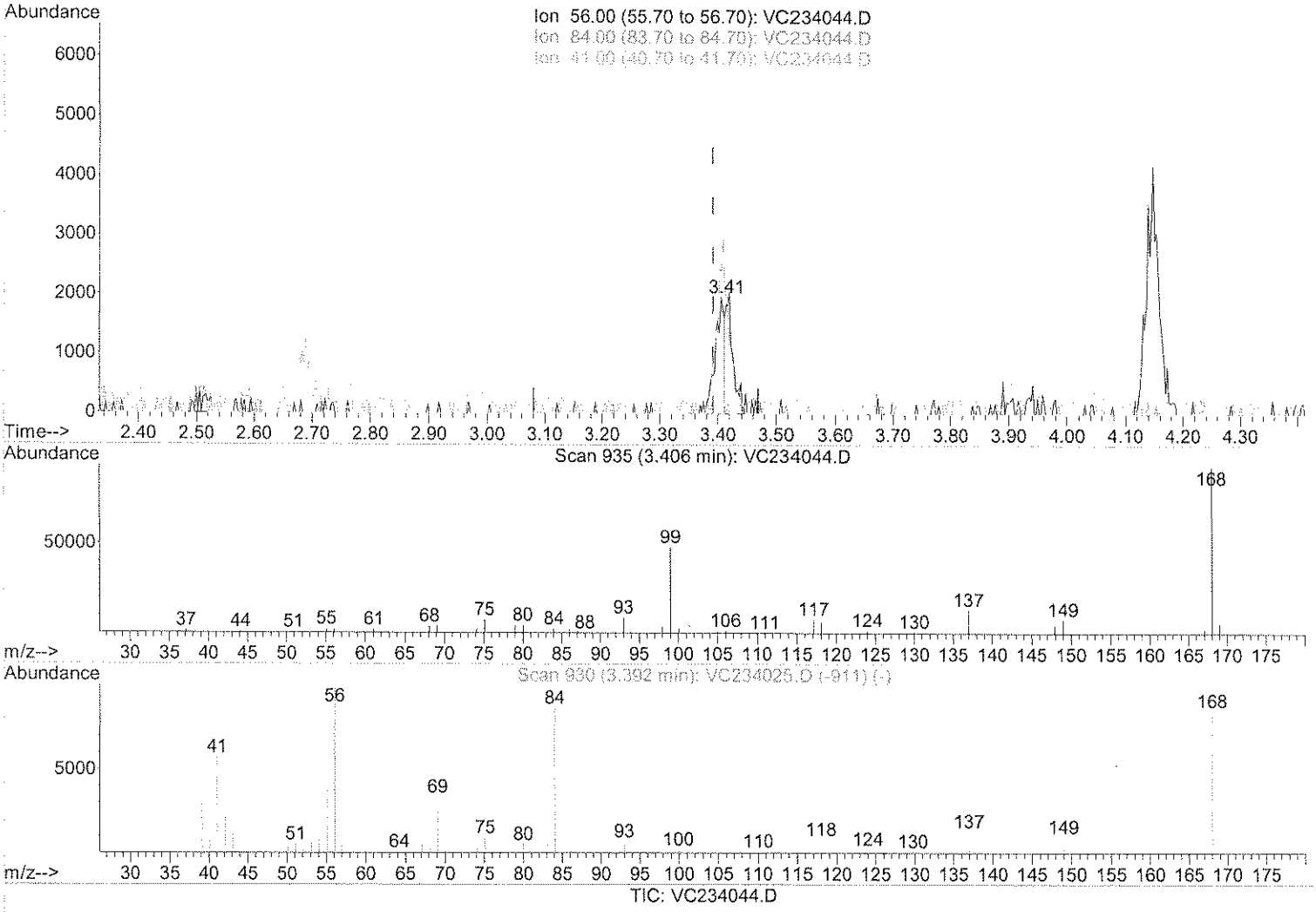
response 1517

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	95.91#
70.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234044.D
Acq On : 23 Aug 2011 8:30 am
Operator :
Sample : 11H0747-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 23 12:06:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234044.D

(42) CYCLOHEXANE

3.406min (+0.014) 0.31UG/L

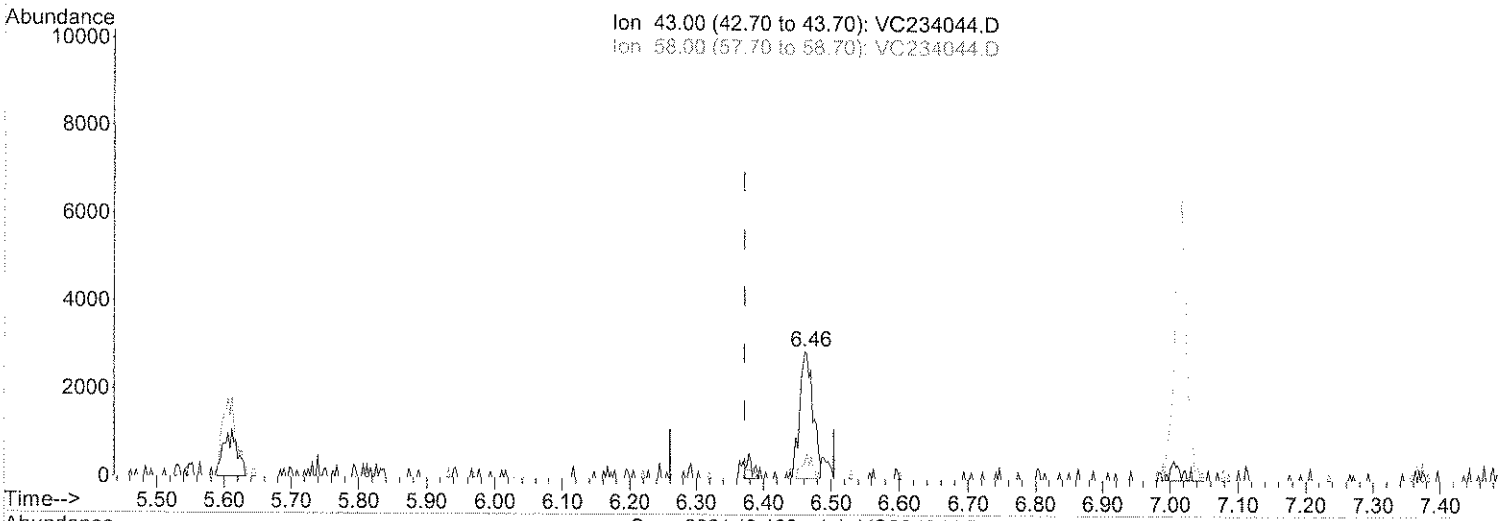
response 2136

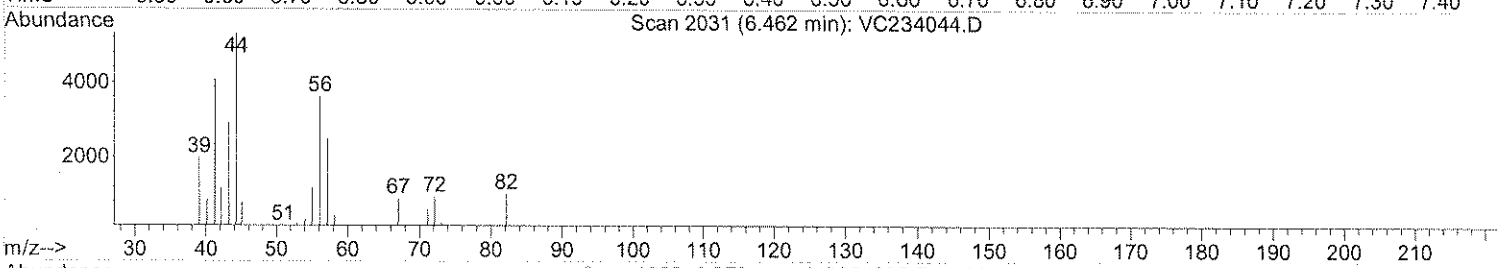
Ion	Exp%	Act%
56.00	100	100
84.00	92.50	205.10#
41.00	62.90	0.00#
0.00	0.00	0.00

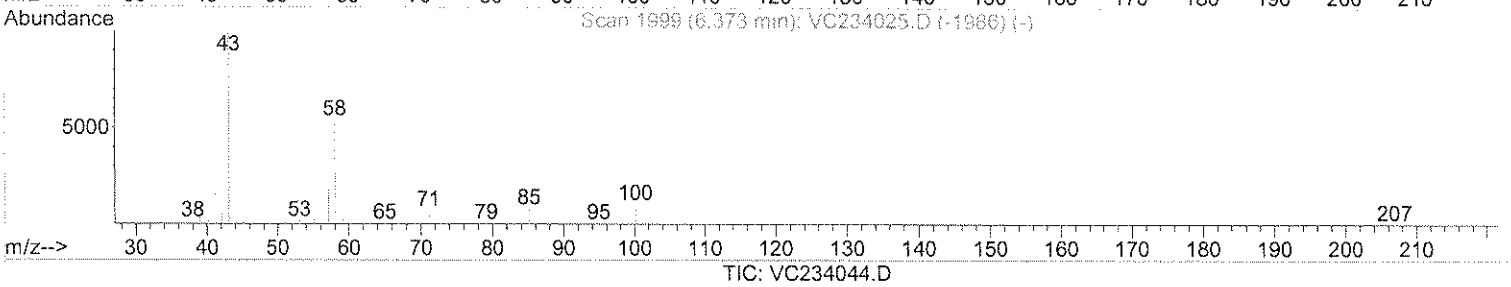
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234044.D
Acq On : 23 Aug 2011 8:30 am
Operator :
Sample : 11H0747-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Aug 23 12:06:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234044.D

(65) 2-HEXANONE

6.462min (+0.089) 1.47UG/L

response 4039

Ion	Exp%	Act%
43.00	100	100
58.00	51.80	14.95#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-09	File ID:	VC234045.D
Sampled:	08/18/11 11:20	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 09:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-09	File ID:	VC234045.D
Sampled:	08/18/11 11:20	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 09:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-09	File ID:	VC234045.D
Sampled:	08/18/11 11:20	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 09:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-09	File ID:	VC234045.D
Sampled:	08/18/11 11:20	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 09:00
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234045.D
Acq On : 23 Aug 2011 9:00 am
Operator :
Sample : 11H0747-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

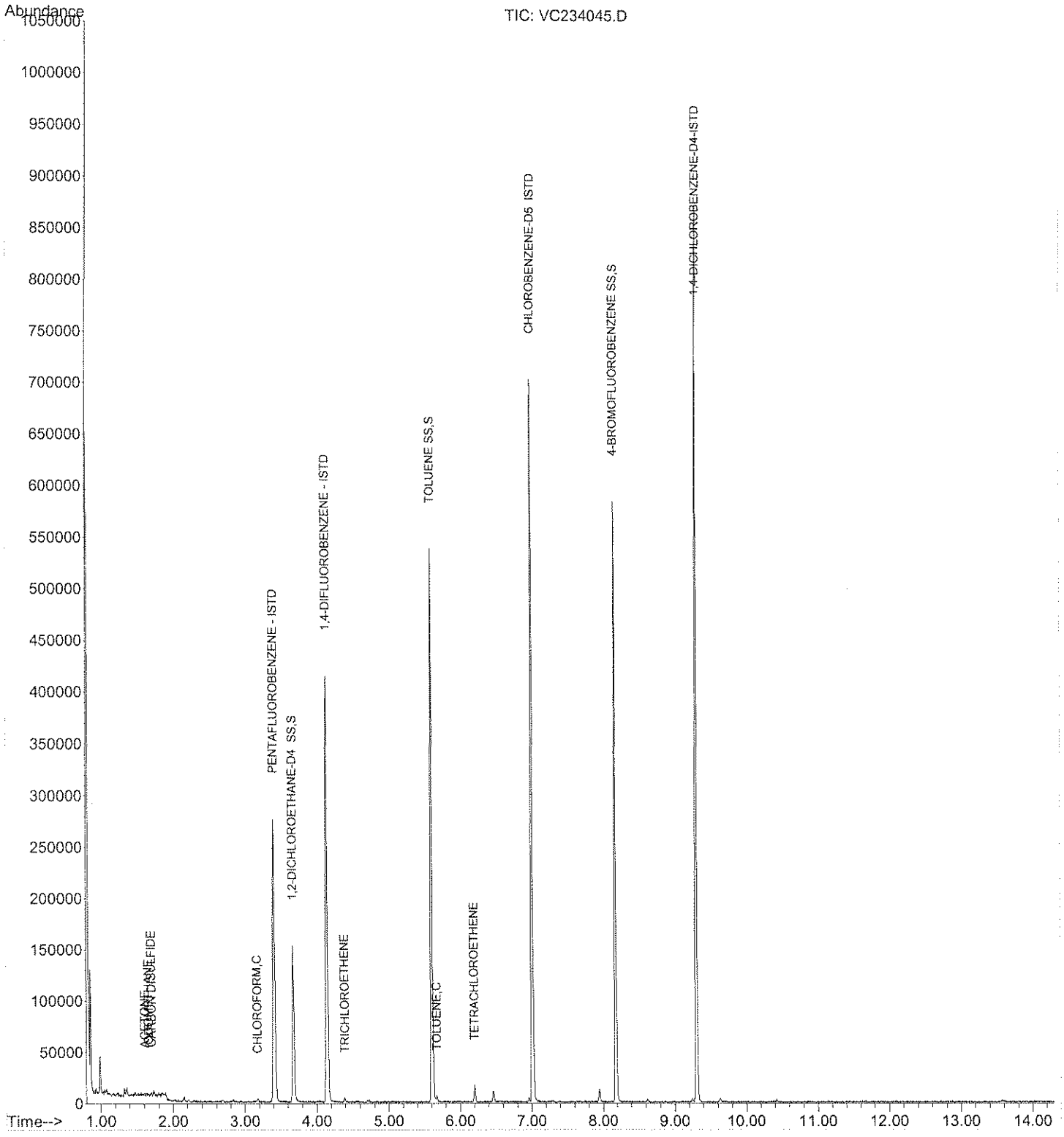
Quant Time: Aug 23 12:52:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

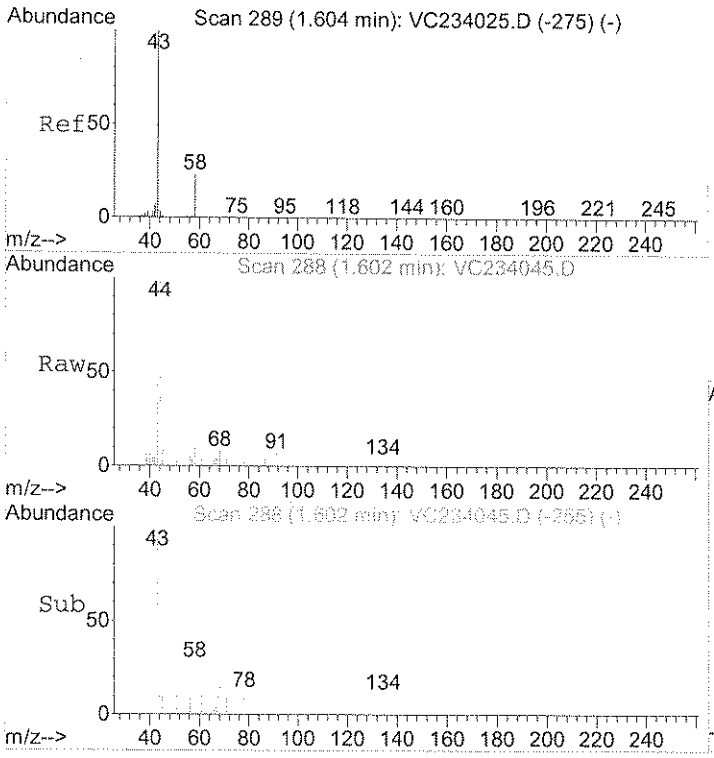
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	194547	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	297018	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	186085	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	201892	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	100909	24.52	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.08%			
49) TOLUENE SS	5.61	98	295275	24.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.56%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	148457	24.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.96%			
Target Compounds						Qvalue
14) ACETONE	1.60	43	1843	1.76	UG/L #	74
17) IODOMETHANE	1.67	142	673	0.12	UG/L #	35
24) CARBON DISULFIDE	1.70	76	1158	0.11	UG/L #	100
40) CHLOROFORM	3.18	83	1811	0.19	UG/L	96
51) TRICHLOROETHENE	4.39	95	1287m	0.25	UG/L	
61) TOLUENE	5.67	91	2636	0.13	UG/L	88
66) TETRACHLOROETHENE	6.21	166	3858m	0.70	UG/L	

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

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234045.D
Acq On : 23 Aug 2011 9:00 am
Operator :
Sample : 11H0747-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 23 12:52:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

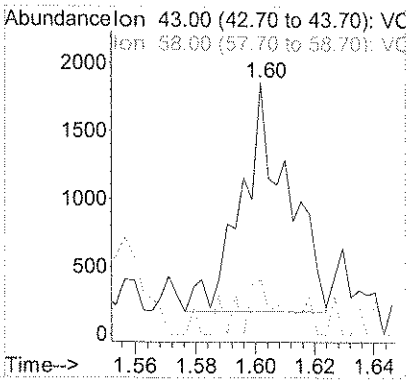


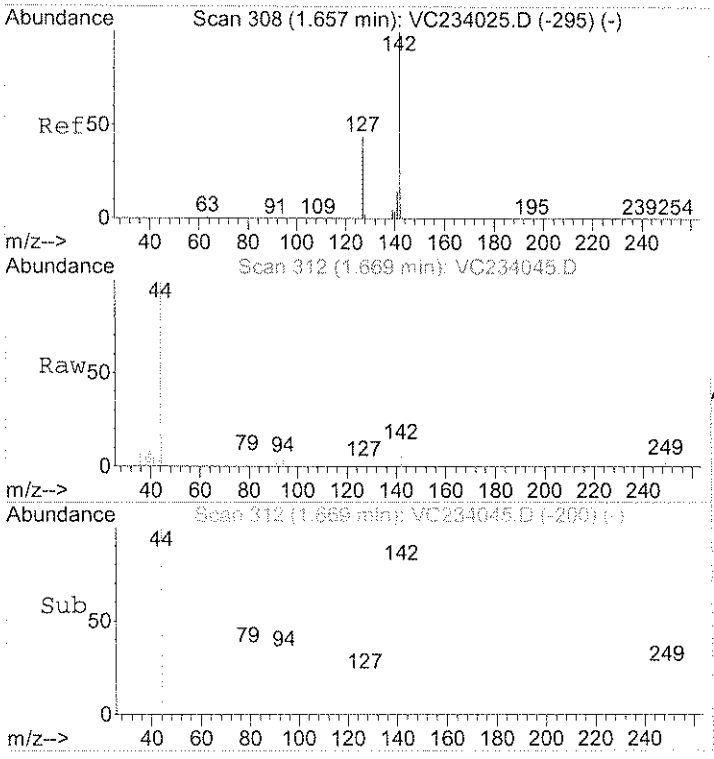


#14
ACETONE
Concen: 1.76 UG/L
RT: 1.60 min Scan# 288
Delta R.T. -0.00 min
Lab File: VC234045.D
Acq: 23 Aug 2011 9:00 am

Tgt Ion: 43 Resp: 1843

Ion	Ratio	Lower	Upper
43	100		
58	38.1	20.2	30.2#

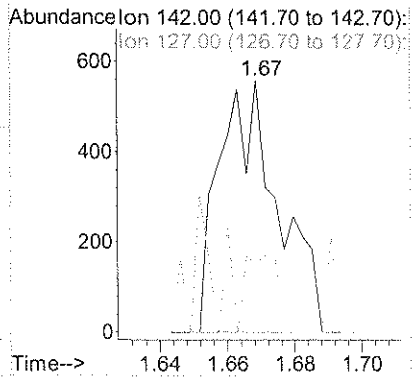


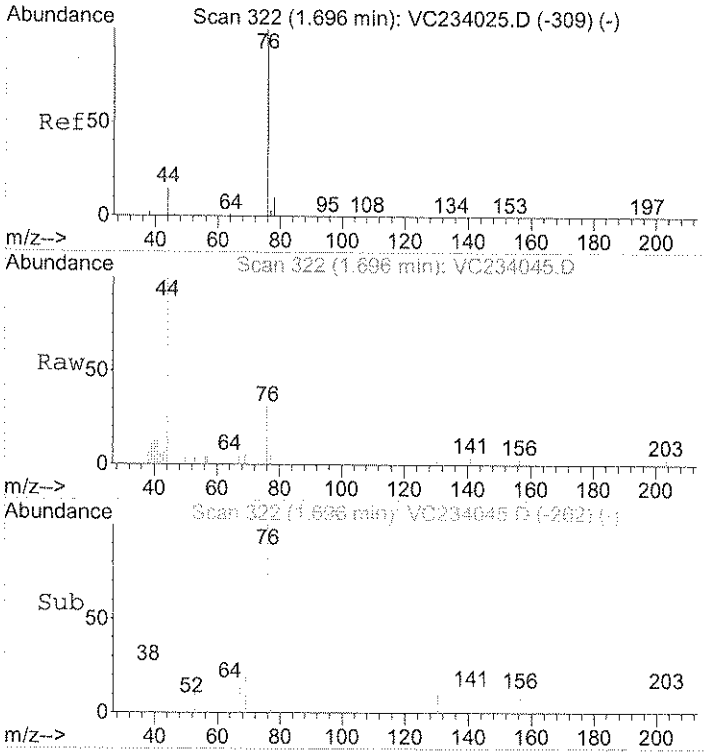


#17
IODOMETHANE
Concen: 0.12 UG/L
RT: 1.67 min Scan# 312
Delta R.T. 0.01 min
Lab File: VC234045.D
Acq: 23 Aug 2011 9:00 am

Tgt Ion:142 Resp: 673

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.2	48.2#

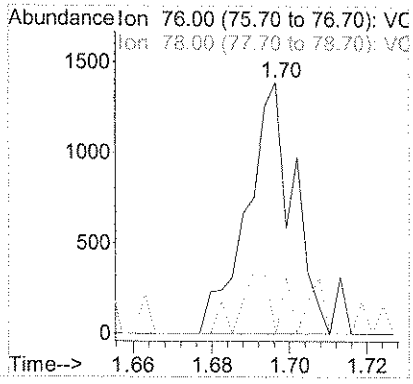


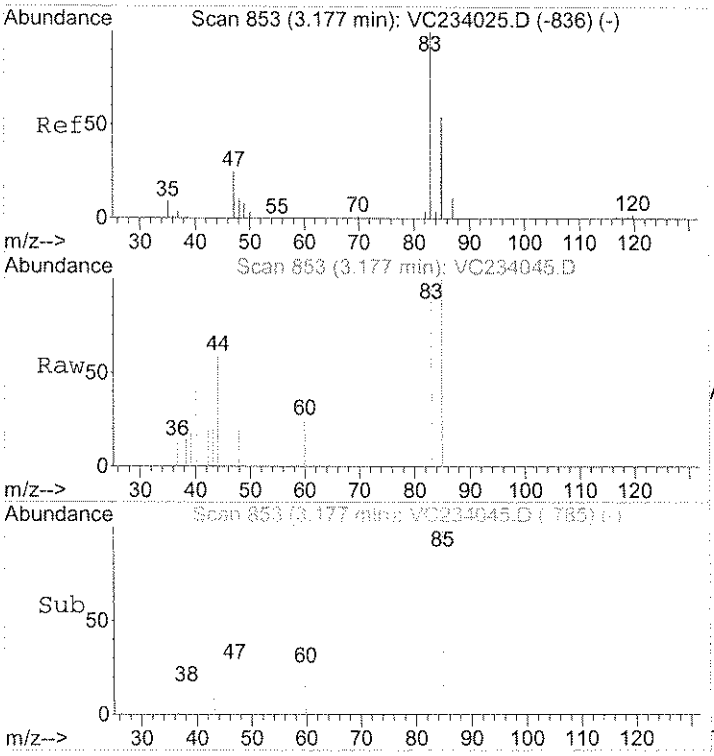


#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.70 min Scan# 322
Delta R.T. 0.00 min
Lab File: VC234045.D
Acq: 23 Aug 2011 9:00 am

Tgt Ion: 76 Resp: 1158

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

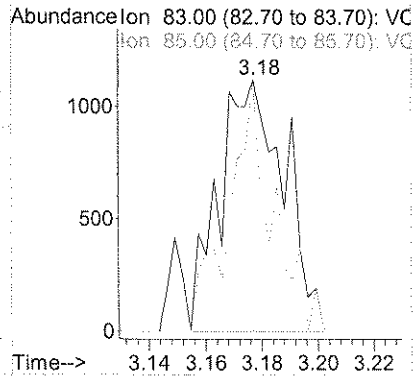


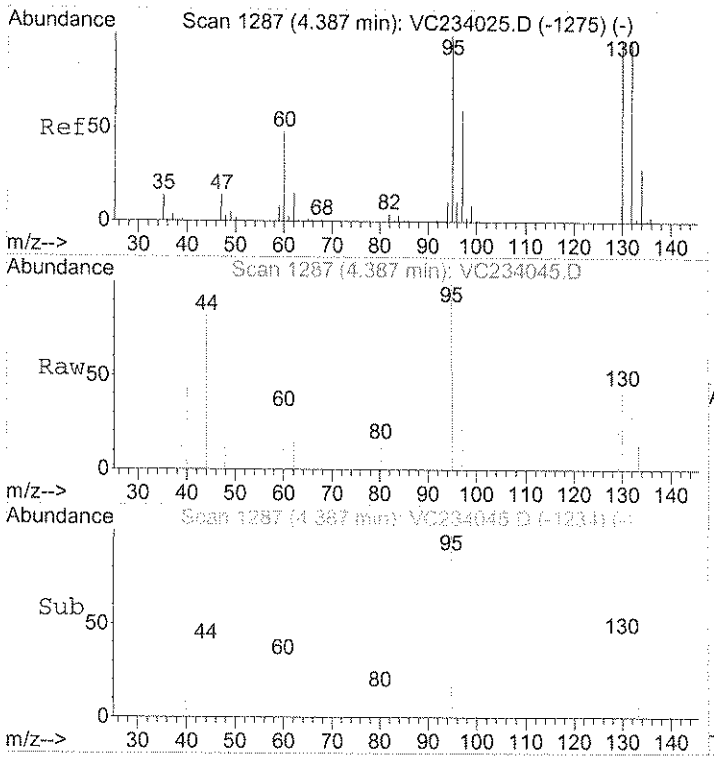


#40
CHLOROFORM
Concen: 0.19 UG/L
RT: 3.18 min Scan# 853
Delta R.T. 0.00 min
Lab File: VC234045.D
Acq: 23 Aug 2011 9:00 am

Tgt Ion: 83 Resp: 1811

Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.4	75.6

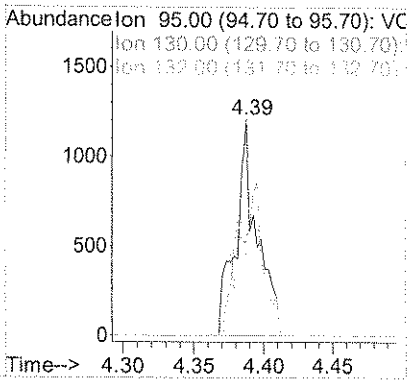


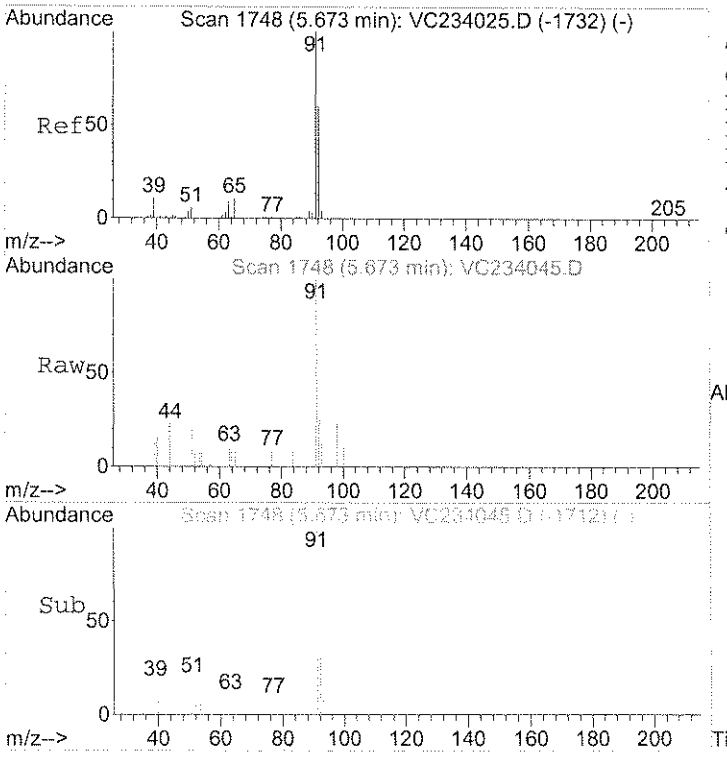


#51
TRICHLOROETHENE
Concen: 0.25 UG/L m
RT: 4.39 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VC234045.D
Acq: 23 Aug 2011 9:00 am

Tgt Ion: 95 Resp: 1287

Ion	Ratio	Lower	Upper
95	100		
130	47.3	77.3	115.9#
132	69.1	74.7	112.1#

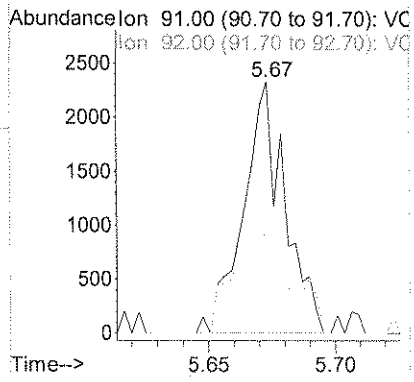


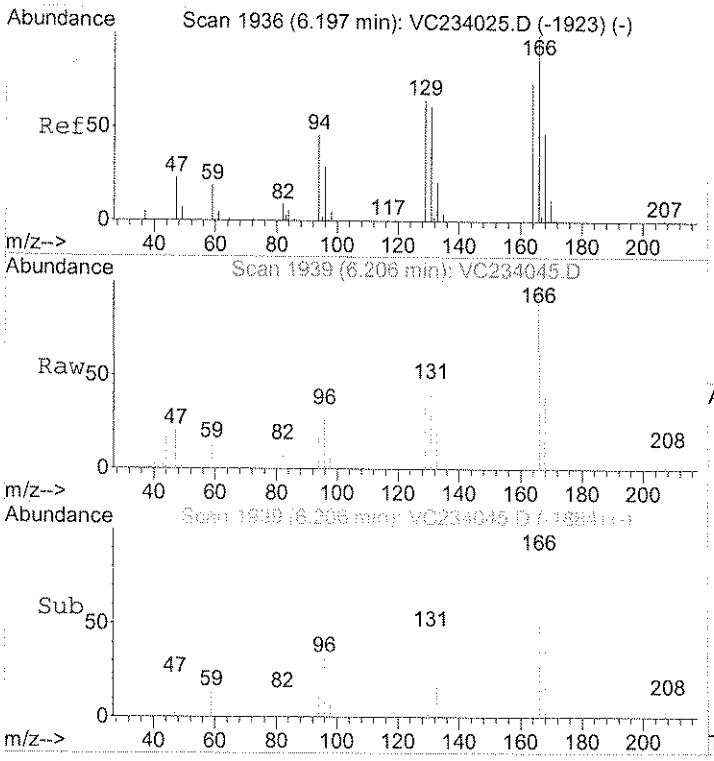


#61
TOLUENE
Concen: 0.13 UG/L
RT: 5.67 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VC234045.D
Acq: 23 Aug 2011 9:00 am

Tgt Ion: 91 Resp: 2636

Ion	Ratio	Lower	Upper
91	100		
92	51.1	48.2	72.2

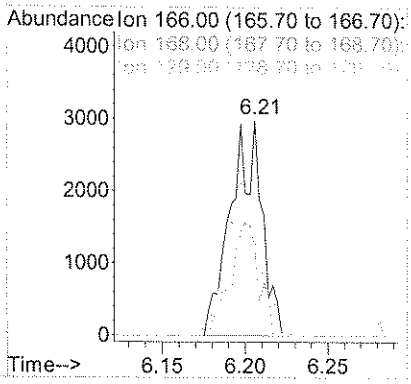




#66
TETRACHLOROETHENE
Concen: 0.70 UG/L m
RT: 6.21 min Scan# 1939
Delta R.T. 0.01 min
Lab File: VC234045.D
Acq: 23 Aug 2011 9:00 am

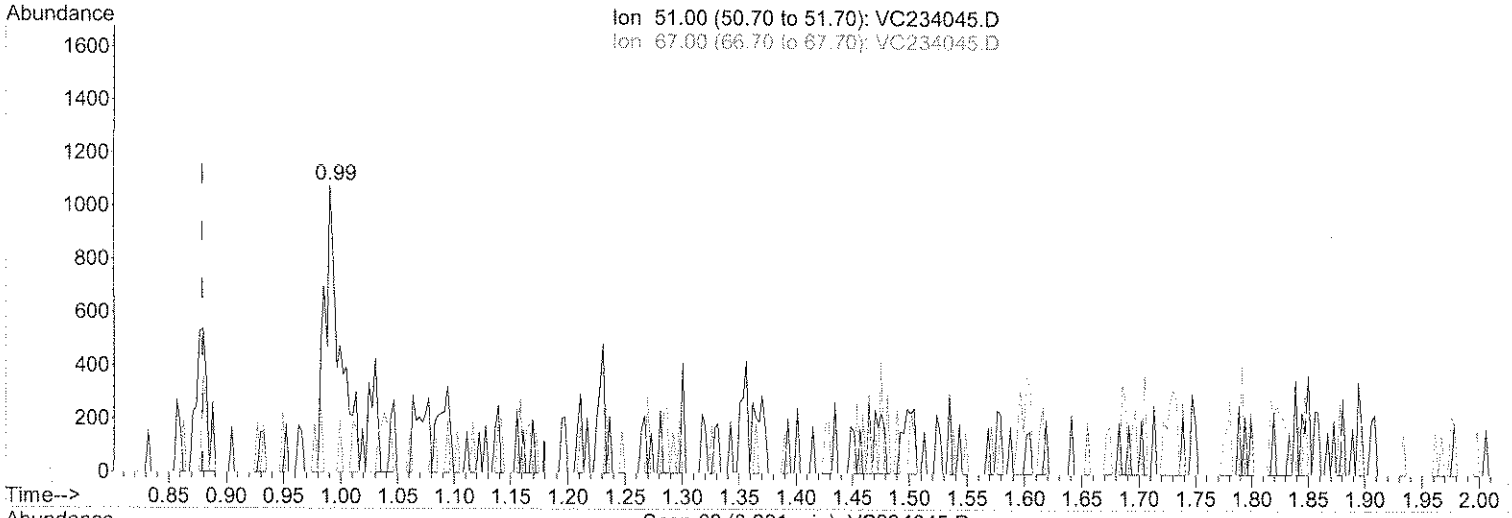
Tgt Ion:166 Resp: 3858

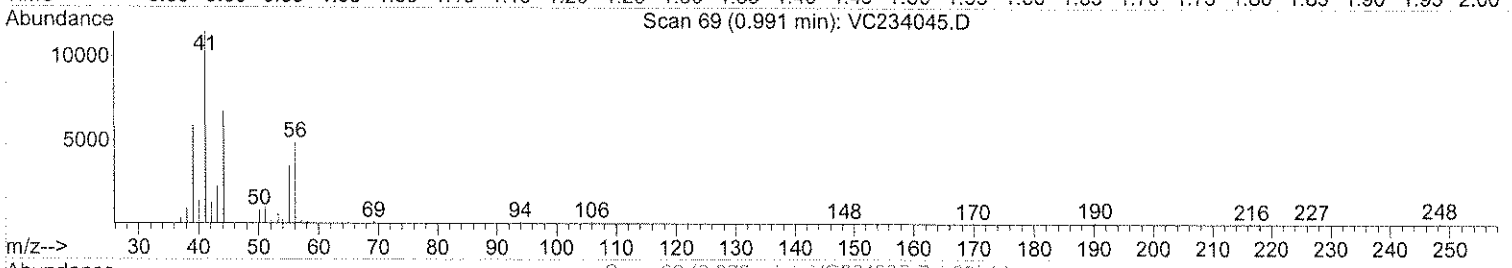
Ion	Ratio	Lower	Upper
166	100		
168	48.3	38.1	57.1
129	72.6	53.6	80.4

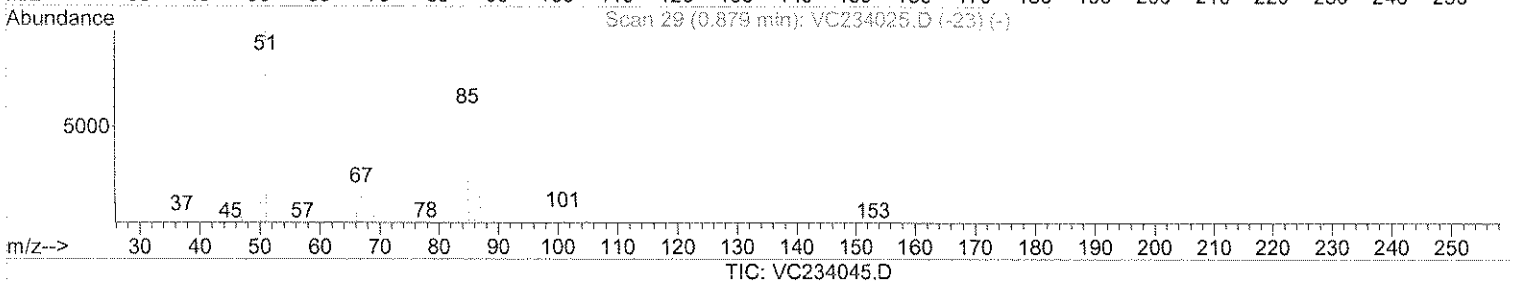


Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234045.D
Acq On : 23 Aug 2011 9:00 am
Operator :
Sample : 11H0747-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 23 12:06:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234045.D

(4) DIFLUOROCHLOROMETHANE

0.991min (+0.112) 0.14UG/L

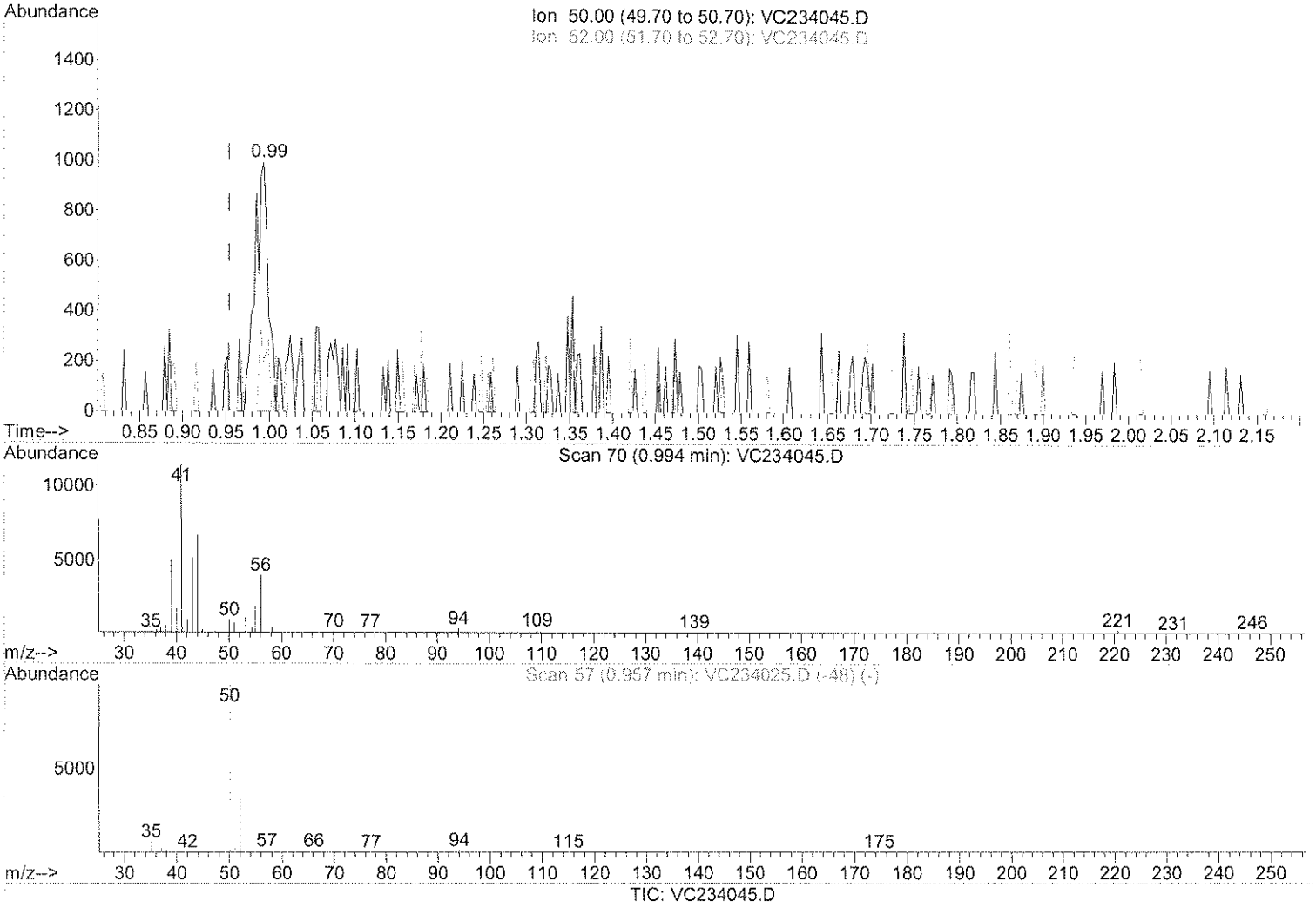
response 993

Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234045.D
Acq On : 23 Aug 2011 9:00 am
Operator :
Sample : 11H0747-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 23 12:06:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(5) CHLOROMETHANE (P)

0.994min (+0.040) 0.21UG/L

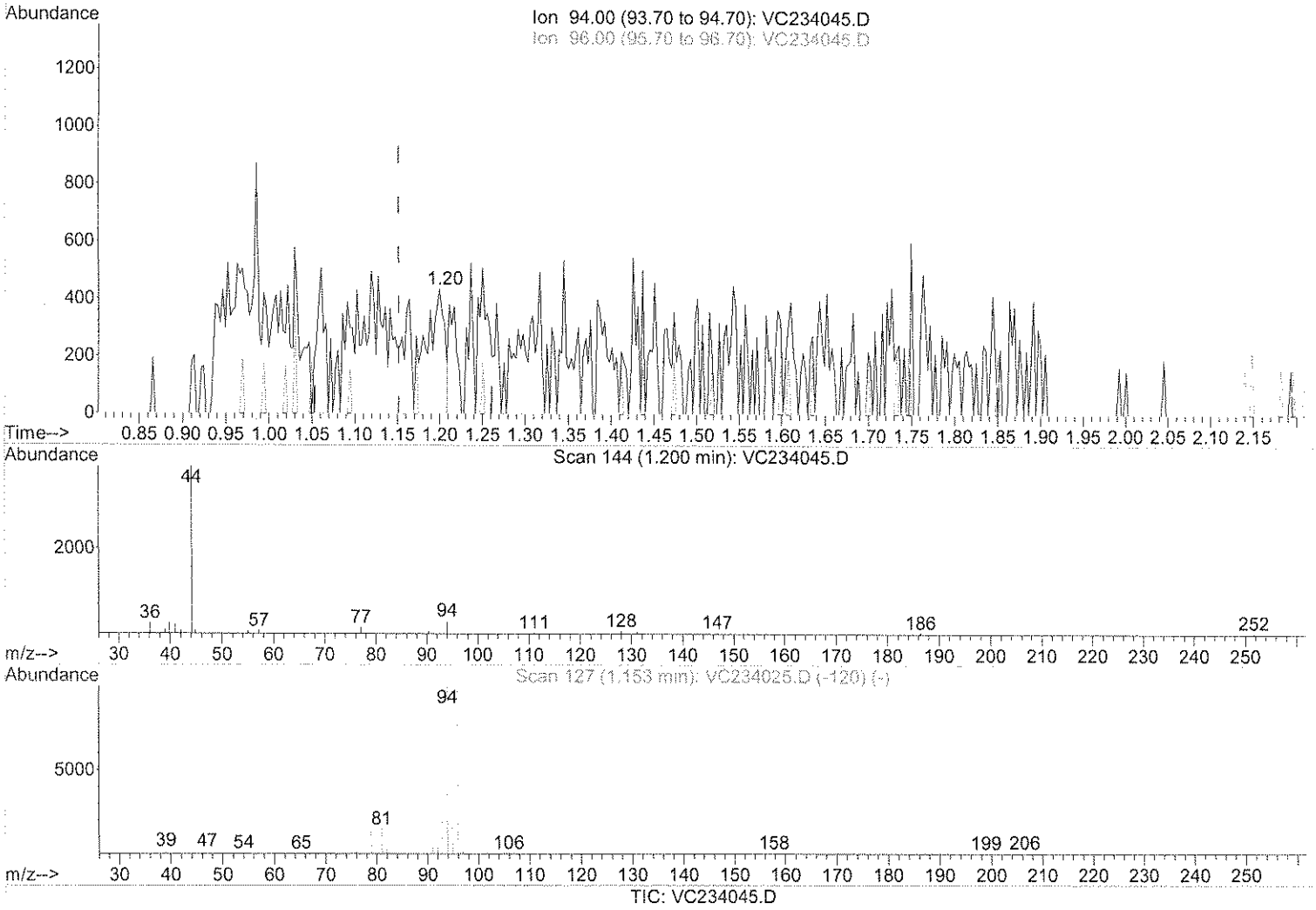
response 1053

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234045.D
Acq On : 23 Aug 2011 9:00 am
Operator :
Sample : 11H0747-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 23 12:06:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234045.D

(7) BROMOMETHANE

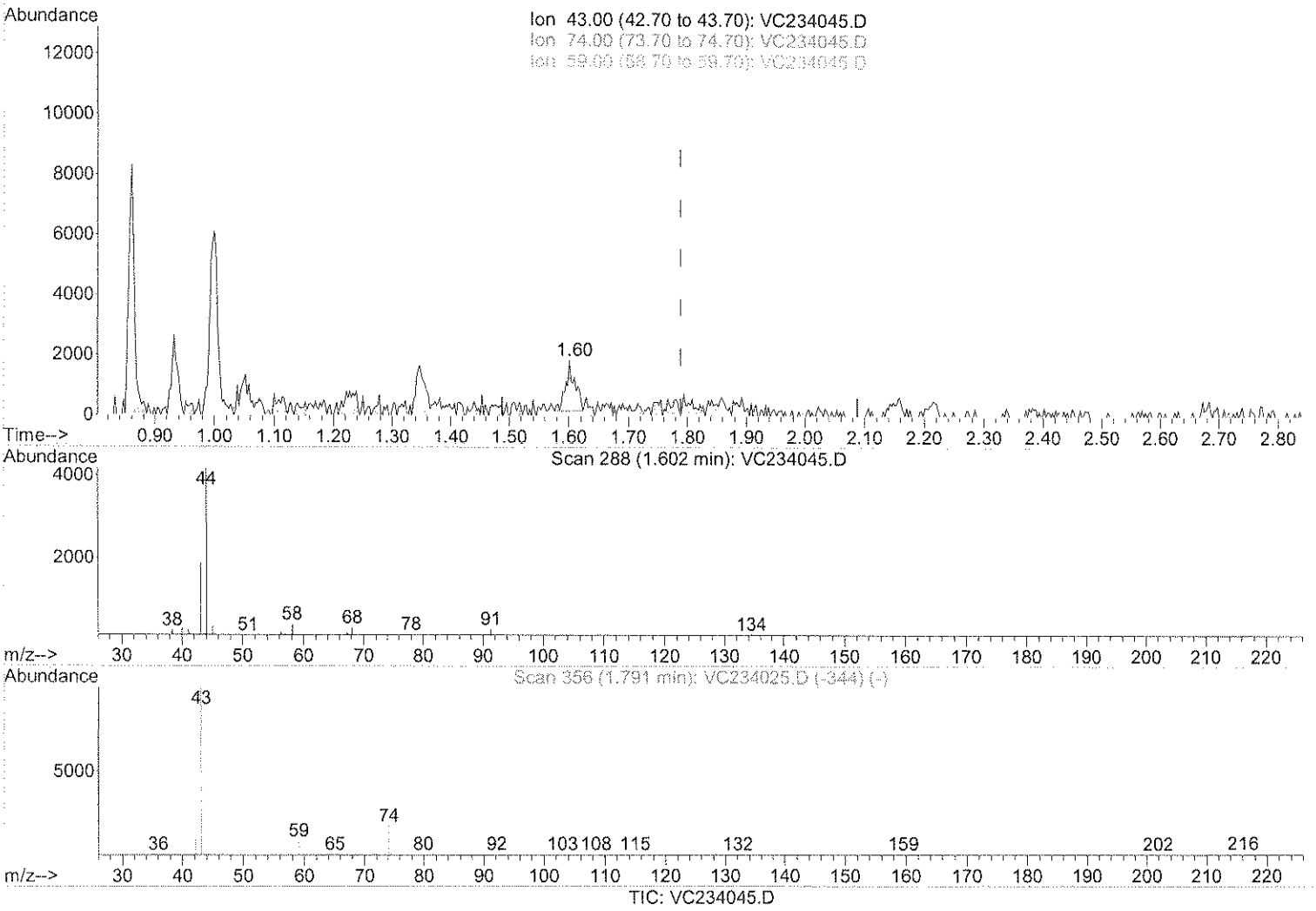
1.200min (+0.048) 0.20UG/L

response 661

Ion	Exp%	Act%
94.00	100	100
96.00	93.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234045.D
Acq On : 23 Aug 2011 9:00 am
Operator :
Sample : 11H0747-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 23 12:06:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234045.D

(20) METHYL ACETATE

1.602min (-0.187) 0.32UG/L

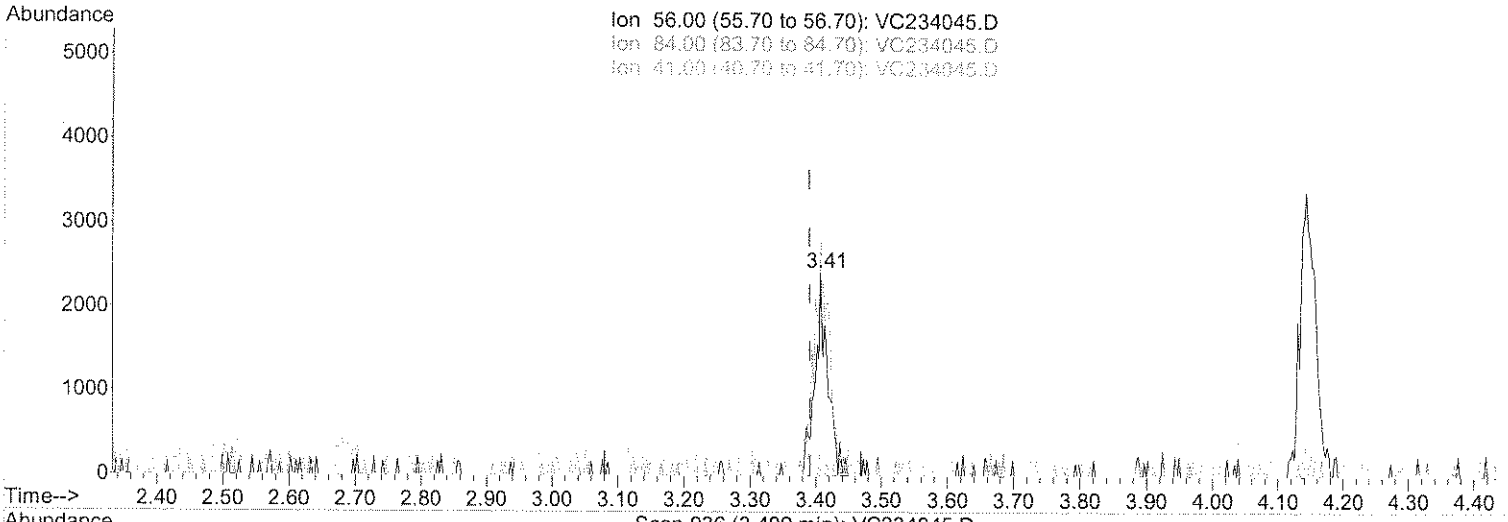
response 1843

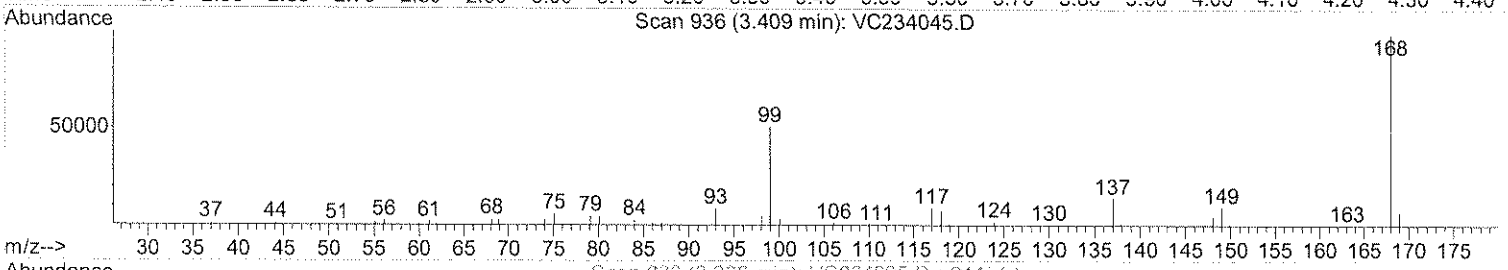
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

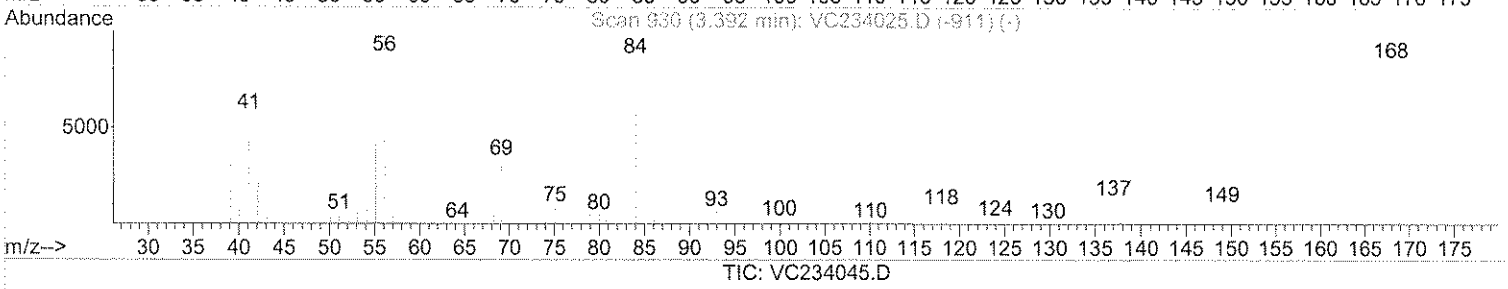
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234045.D
Acq On : 23 Aug 2011 9:00 am
Operator :
Sample : 11H0747-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 23 12:06:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234045.D

(42) CYCLOHEXANE

3.409min (+0.017) 0.46UG/L

response 3176

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	136.65#
41.00	62.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234045.D
Acq On : 23 Aug 2011 9:00 am
Operator :
Sample : 11H0747-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

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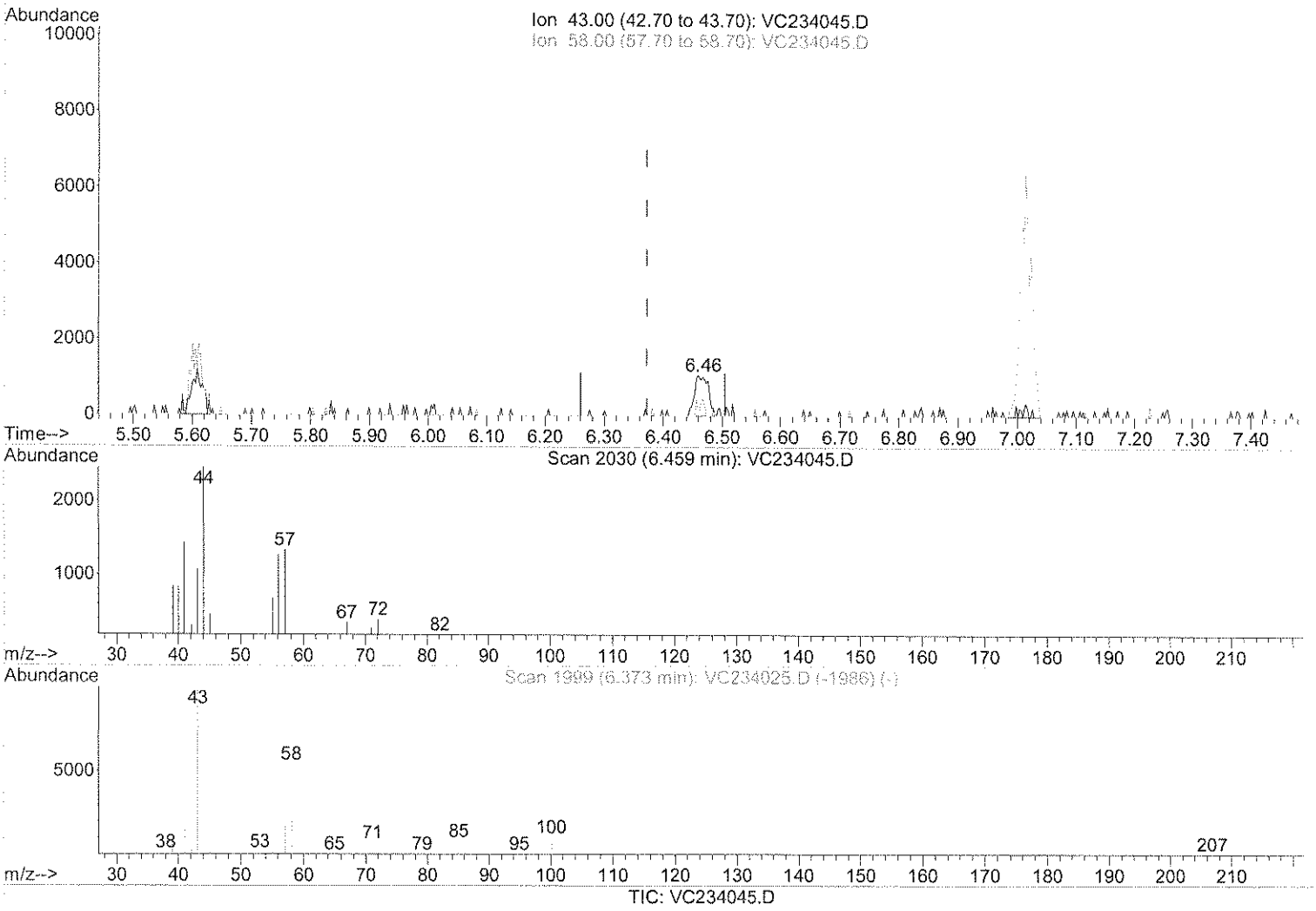

TIC: VC234045.D

(65) 2-HEXANONE

6.459min (+0.087) 0.63UG/L

response 1711

Ion	Exp%	Act%
43.00	100	100
58.00	51.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234045.D
Acq On : 23 Aug 2011 9:00 am
Operator :
Sample : 11H0747-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

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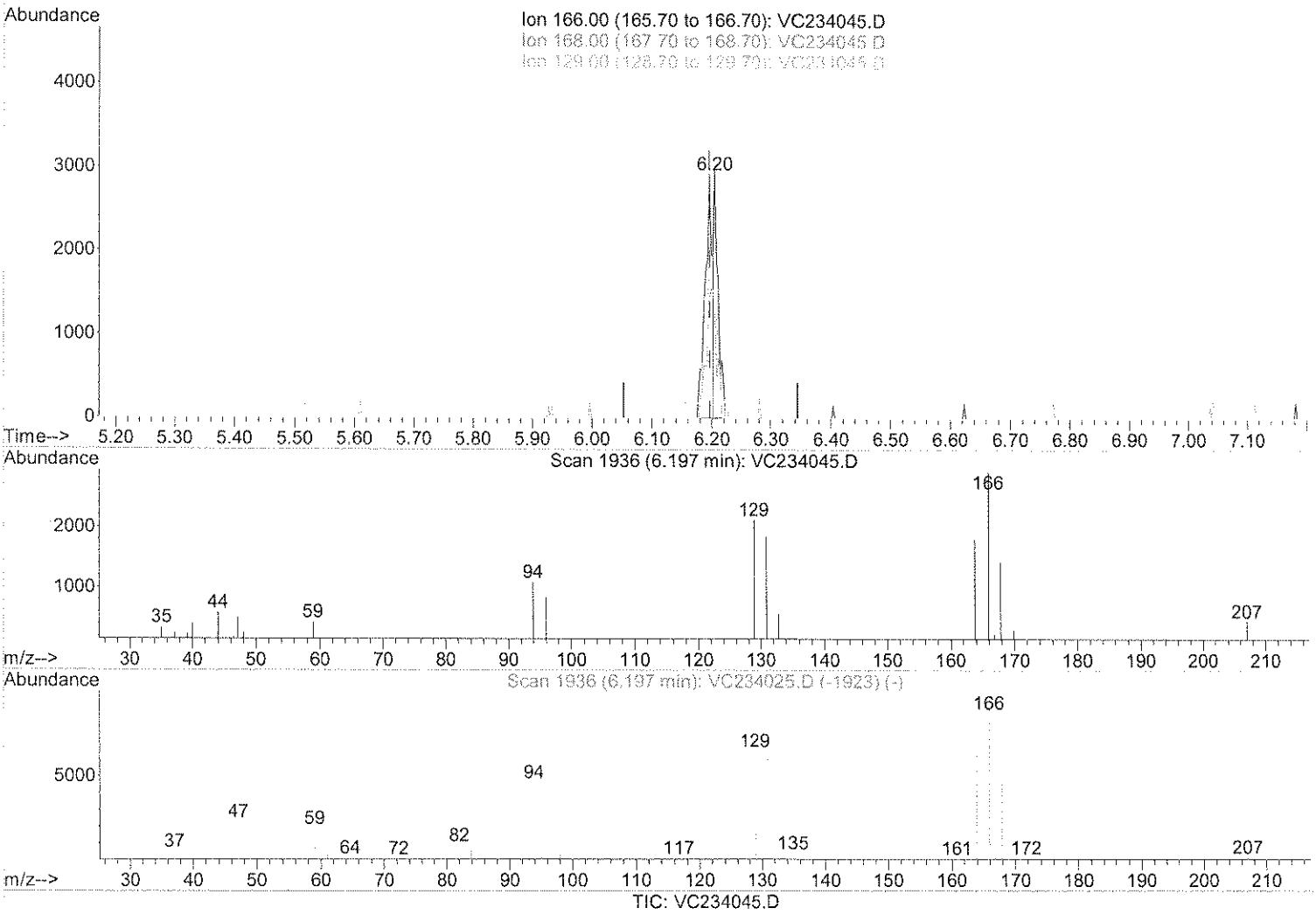

TIC: VC234045.D

(66) TETRACHLOROETHENE

6.197min (+0.000) 0.45UG/L

response 2476

Ion	Exp%	Act%
166.00	100	100
168.00	47.60	75.20#
129.00	67.00	113.13#
0.00	0.00	0.00

3

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-10	File ID:	VC234046.D
Sampled:	08/18/11 15:50	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 09:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
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Sampled:	08/18/11 15:50	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 09:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	4.9	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-100

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Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-10	File ID:	VC234046.D
Sampled:	08/18/11 15:50	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 09:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	19	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	14	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11H0747-10	File ID:	VC234046.D
Sampled:	08/18/11 15:50	Prepared:	08/22/11 12:39	Analyzed:	08/23/11 09:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B035906	Sequence:	S001083	Calibration:	1100030	Instrument:	GCMSVOA3

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:55:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	192715	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.14	114	297822	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	187882	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	198727	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	101059	24.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.16%				
49) TOLUENE SS	5.61	98	295100	24.81	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.24%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	151246	24.46	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.84%				
Target Compounds							Qvalue
6) VINYL CHLORIDE	1.00	62	610	0.12	UG/L	#	43
11) ETHANOL	1.44	45	747	Below Cal		#	1
14) ACETONE	1.60	43	5952	5.75	UG/L		98
15) 1,1-DICHLOROETHENE	1.57	61	647	0.11	UG/L	#	30
23) METHYLENE CHLORIDE	1.84	49	1351	0.24	UG/L	#	68
24) CARBON DISULFIDE	1.70	76	1865	0.18	UG/L	#	100
26) TRANS 1,2-DICHLOROETHENE	2.02	61	1041	0.16	UG/L	#	71
31) 2-BUTANONE	2.87	43	3376	1.86	UG/L	#	84
33) CIS-1,2-DICHLOROETHENE	2.84	61	39166	4.92	UG/L		89
45) BENZENE	3.72	78	3658	0.20	UG/L	#	1
51) TRICHLOROETHENE	4.39	95	70475	13.68	UG/L		97
61) TOLUENE	5.67	91	4232	0.21	UG/L		96
65) 2-HEXANONE	6.37	43	2378	0.87	UG/L		92
66) TETRACHLOROETHENE	6.20	166	105518	19.16	UG/L		99
72) CHLOROBENZENE	7.04	112	2257	0.17	UG/L		94
97) 1,2-DICHLOROBENZENE	9.69	146	1416	0.13	UG/L	#	25

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
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Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:55:50 2011
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QLast Update : Tue Aug 23 08:04:36 2011
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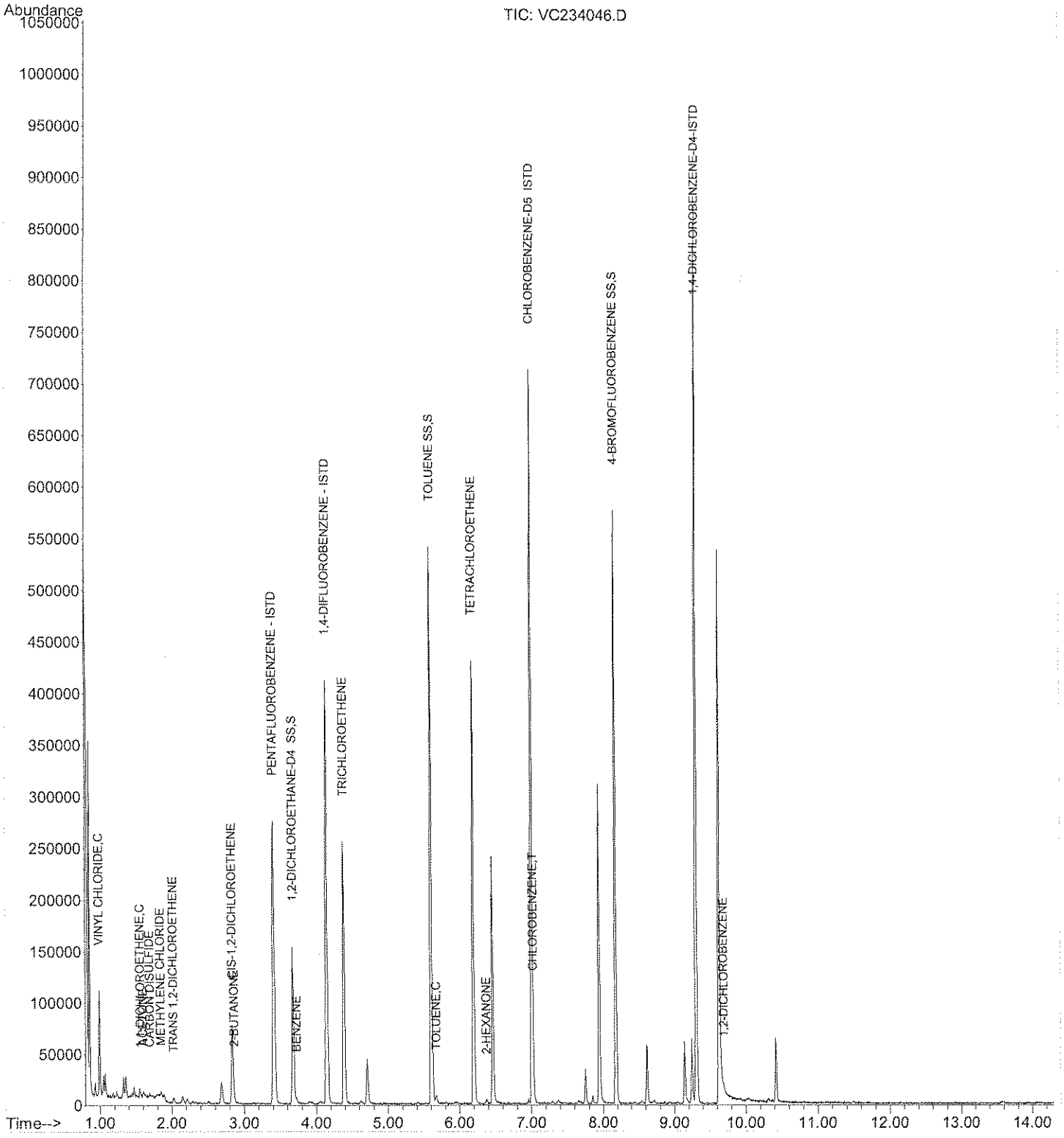
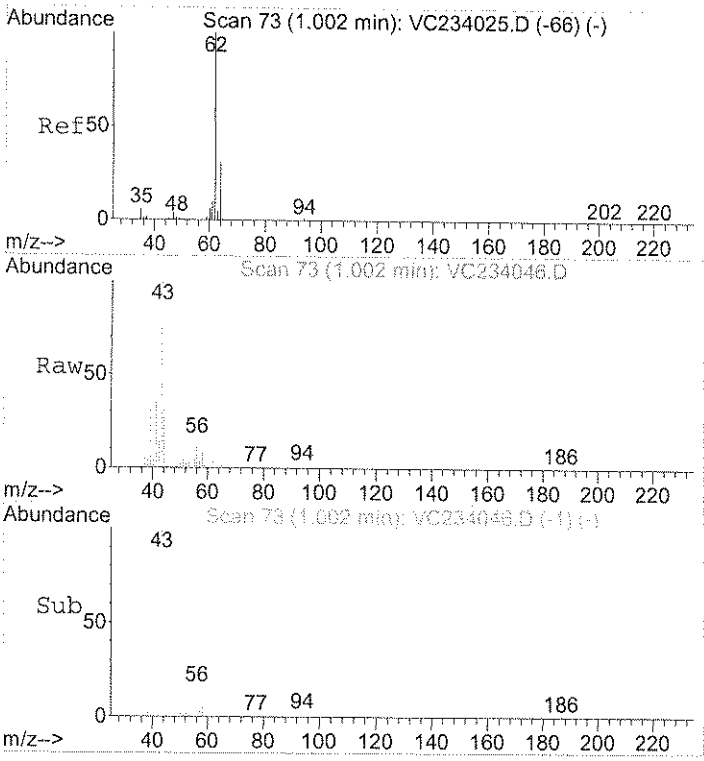
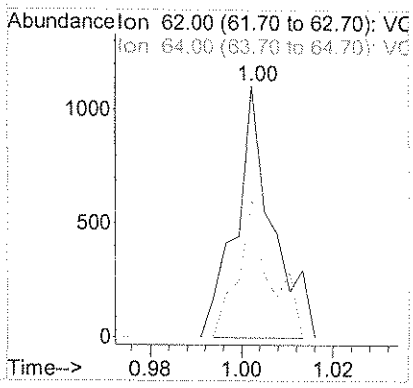


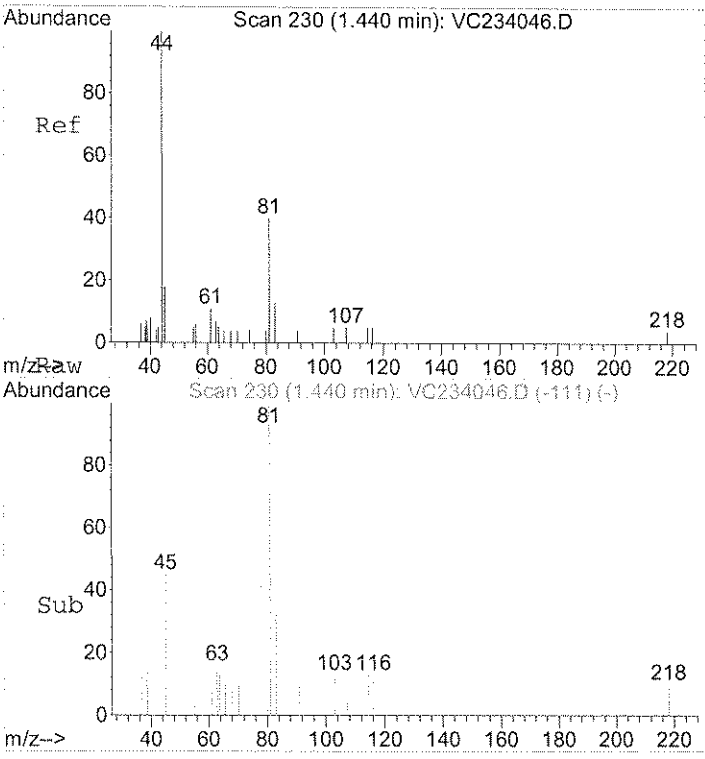


#6
VINYL CHLORIDE
Concen: 0.12 UG/L
RT: 1.00 min Scan# 73
Delta R.T. 0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 62 Resp: 610

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.6	38.4#

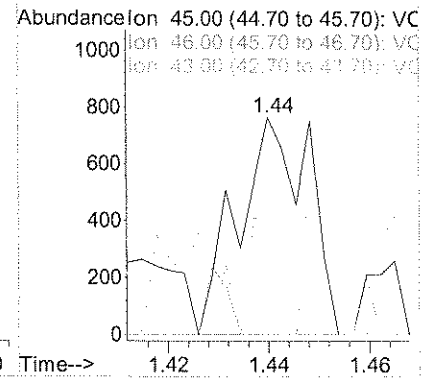


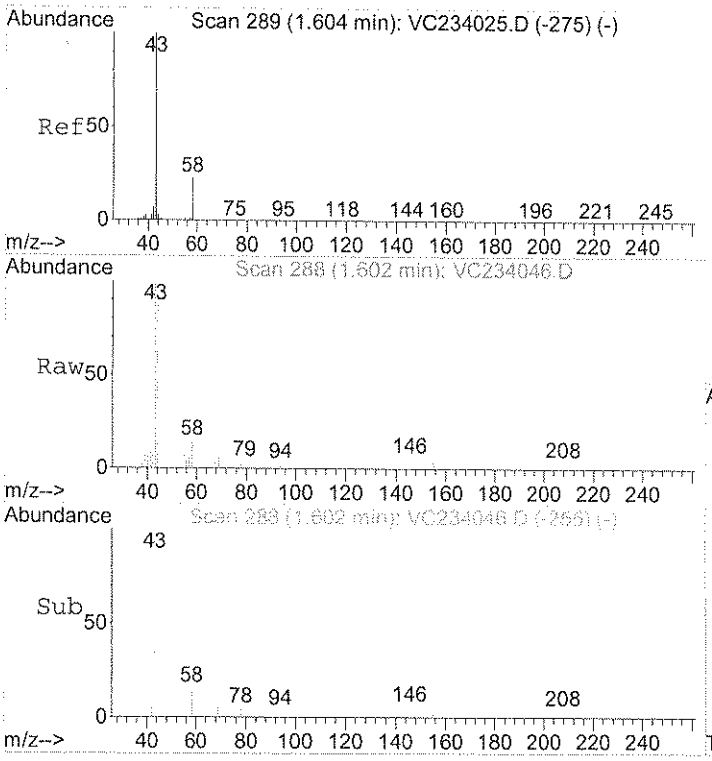


#11
ETHANOL
Concen: Below Cal
RT: 1.44 min Scan# 230
Delta R.T. 0.03 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 45 Resp: 747

Ion	Ratio	Lower	Upper
45	100		
46	0.0	30.7	46.1#
43	655.4	17.5	26.3#

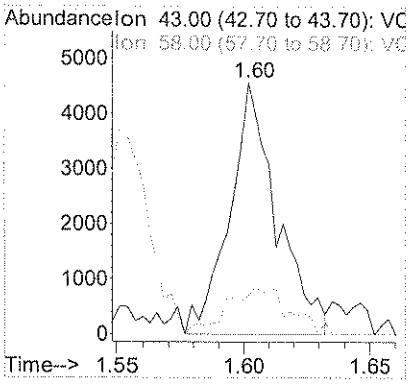


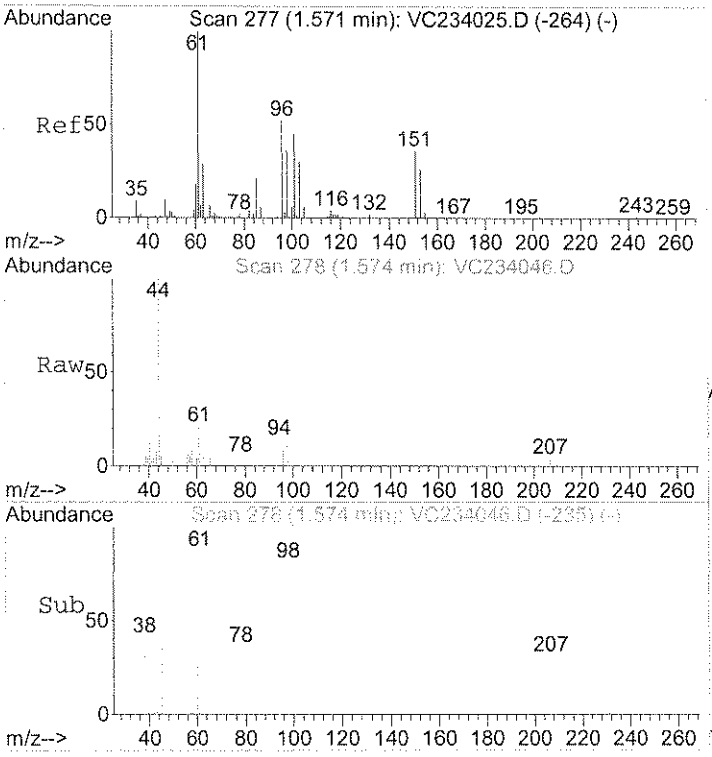


#14
ACETONE
Concen: 5.75 UG/L
RT: 1.60 min Scan# 288
Delta R.T. -0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 43 Resp: 5952

Ion	Ratio	Lower	Upper
43	100		
58	24.3	20.2	30.2

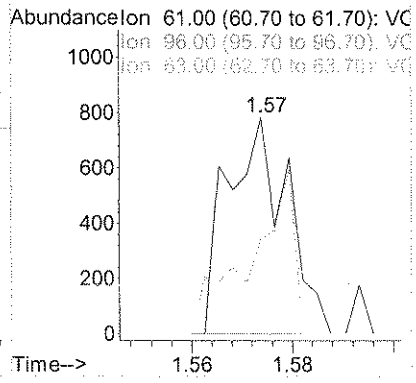


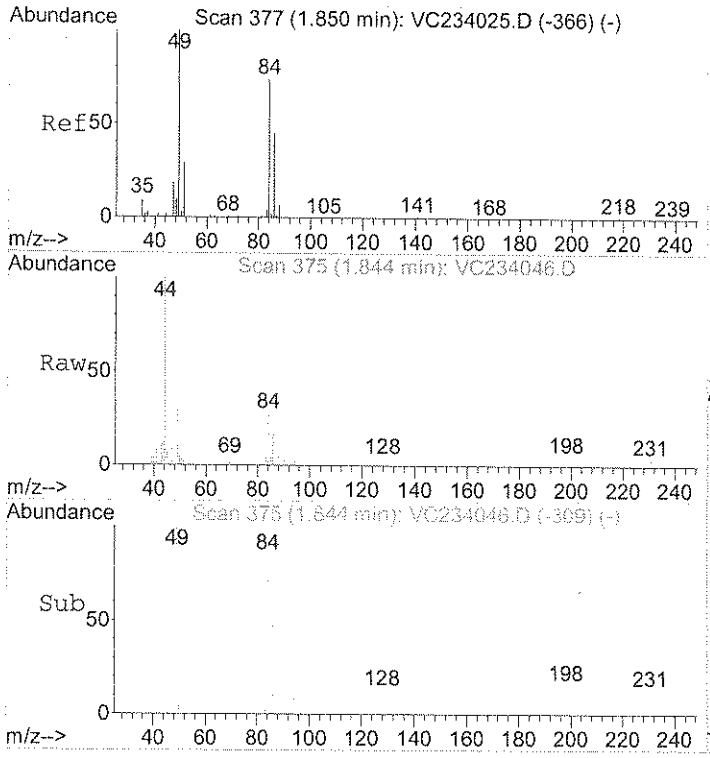


#15
1,1-DICHLOROETHENE
Concen: 0.11 UG/L
RT: 1.57 min Scan# 278
Delta R.T. 0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 61 Resp: 647

Ion	Ratio	Lower	Upper
61	100		
96	0.0	45.8	68.8#
63	0.0	25.5	38.3#

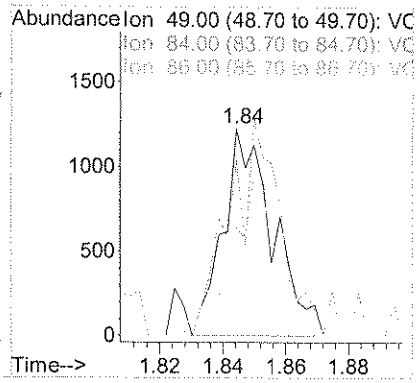


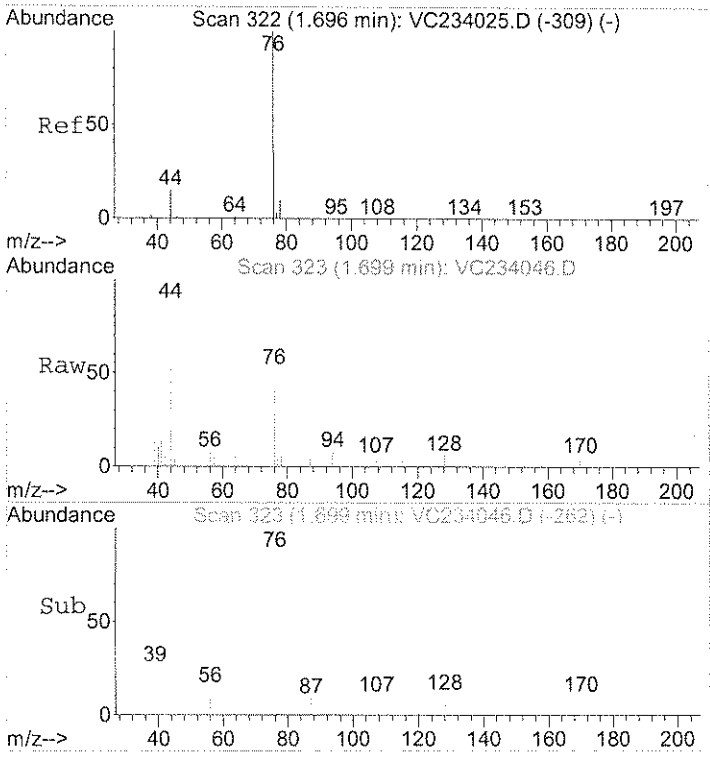


#23
METHYLENE CHLORIDE
Concen: 0.24 UG/L
RT: 1.84 min Scan# 375
Delta R.T. -0.01 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 49 Resp: 1351

Ion	Ratio	Lower	Upper
49	100		
84	105.5	63.0	94.6#
86	71.7	39.1	58.7#

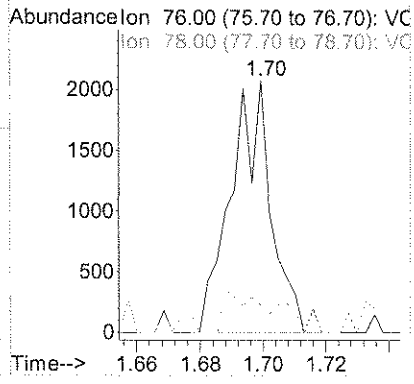


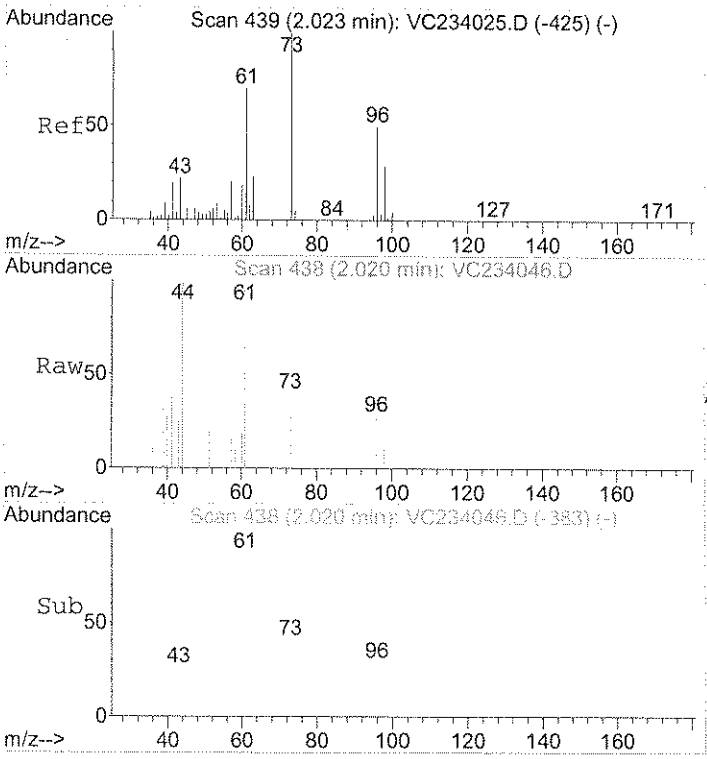


#24
CARBON DISULFIDE
Concen: 0.18 UG/L
RT: 1.70 min Scan# 323
Delta R.T. 0.01 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 76 Resp: 1865

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

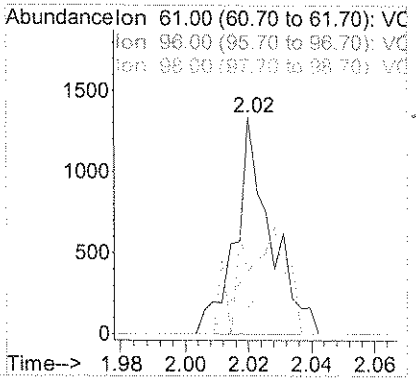


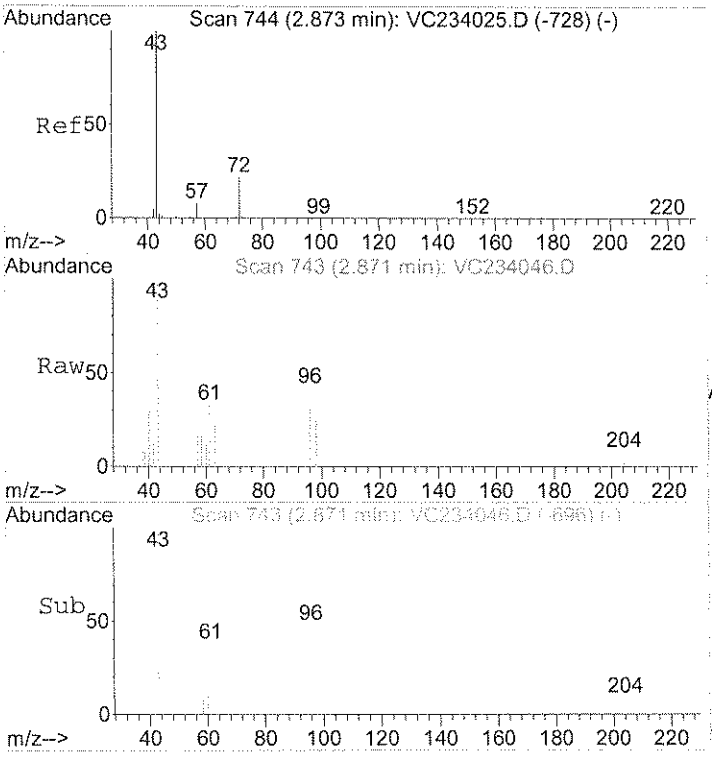


#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.16 UG/L
RT: 2.02 min Scan# 438
Delta R.T. -0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 61 Resp: 1041

Ion	Ratio	Lower	Upper
61	100		
96	62.3	53.3	79.9
98	0.0	34.0	51.0#

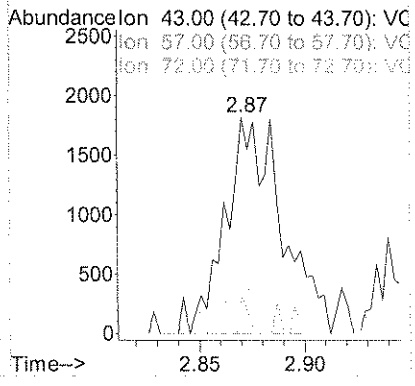


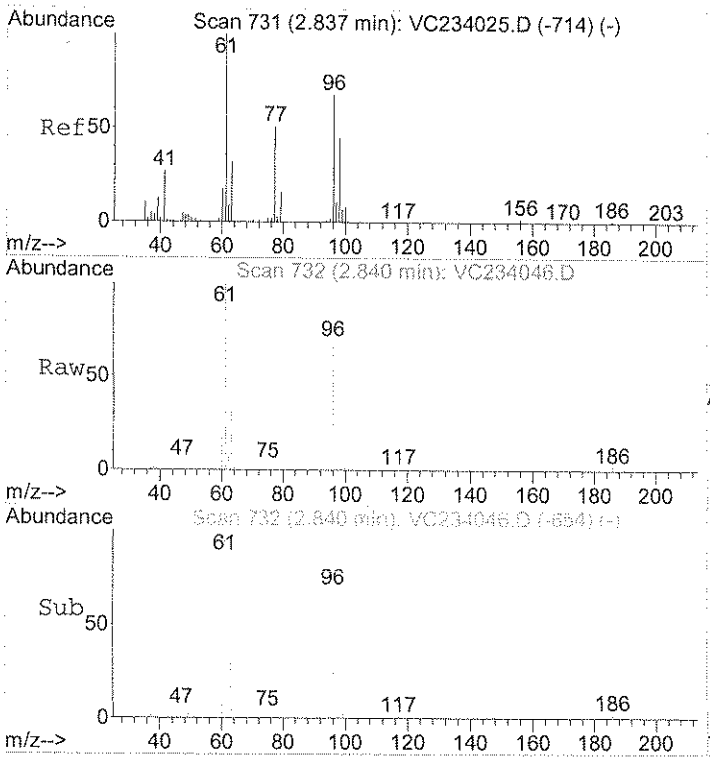


#31
2-BUTANONE
Concen: 1.86 UG/L
RT: 2.87 min Scan# 743
Delta R.T. -0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 43 Resp: 3376

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	16.7	18.9	28.3#

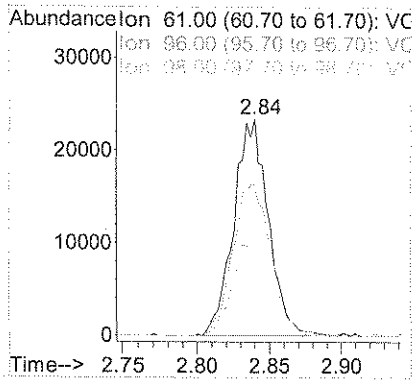


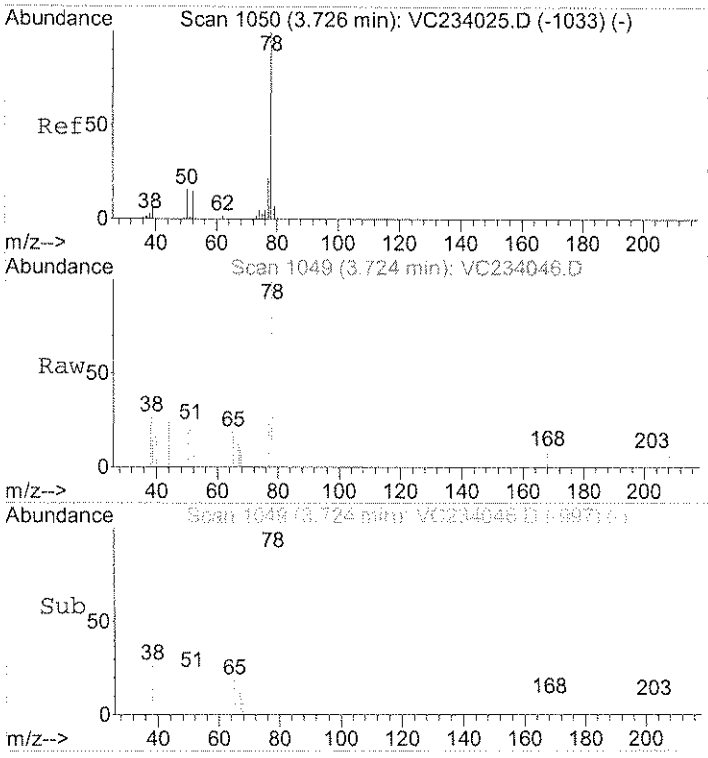


#33
CIS-1,2-DICHLOROETHENE
Concen: 4.92 UG/L
RT: 2.84 min Scan# 732
Delta R.T. 0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 61 Resp: 39166

Ion	Ratio	Lower	Upper
61	100		
96	76.3	53.0	79.6
98	47.3	33.9	50.9

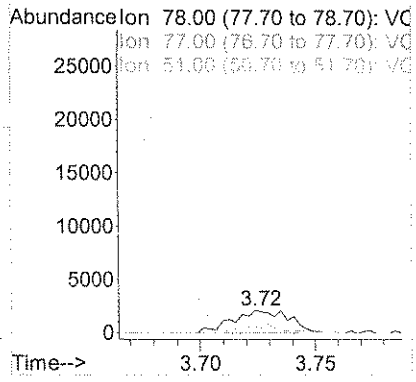


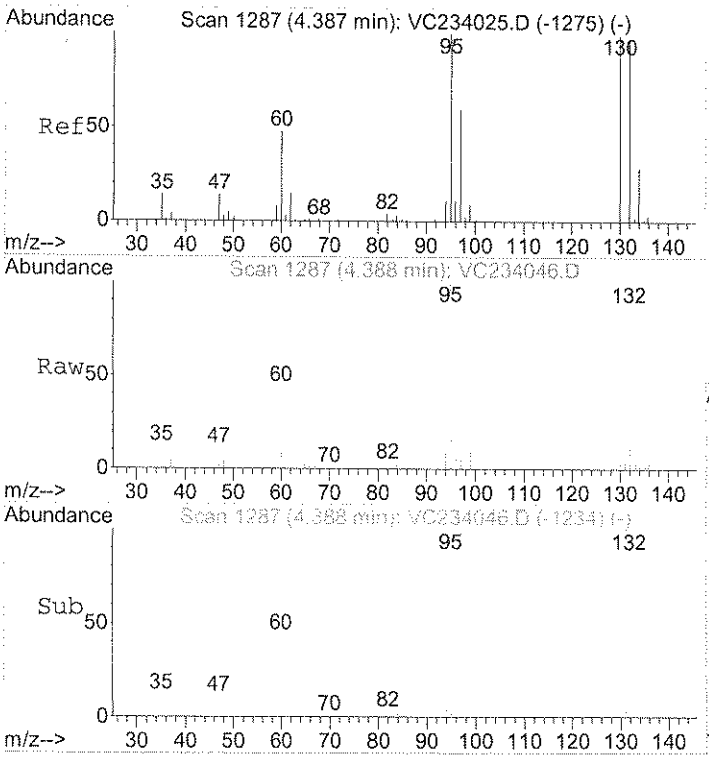


#45
BENZENE
Concen: 0.20 UG/L
RT: 3.72 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 78 Resp: 3658

Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.6	28.0
51	874.4	17.1	25.7#

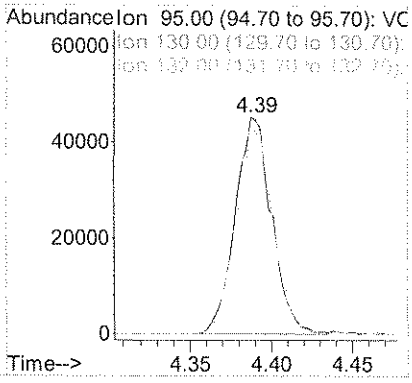


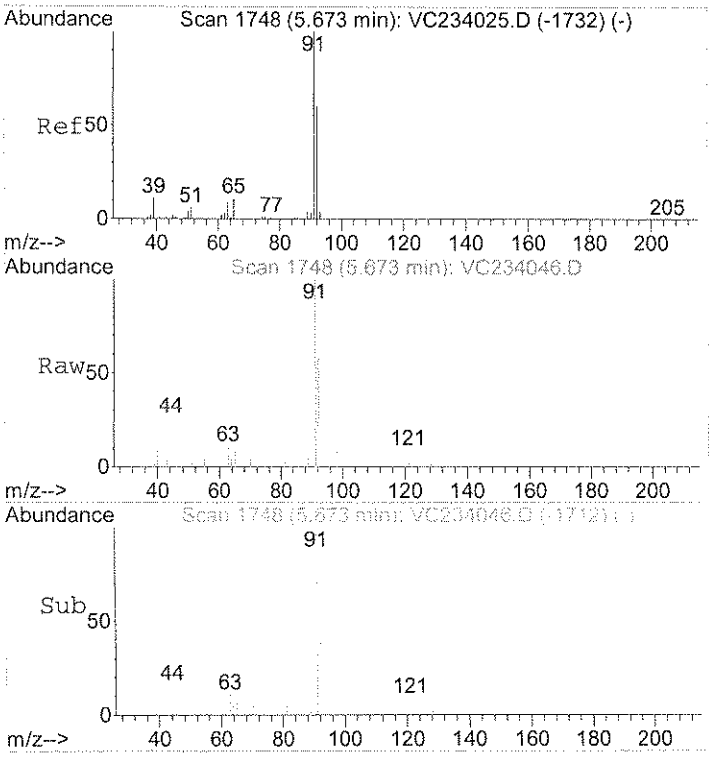


#51
TRICHLOROETHENE
Concen: 13.68 UG/L
RT: 4.39 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 95 Resp: 70475

Ion	Ratio	Lower	Upper
95	100		
130	99.4	77.3	115.9
132	96.6	74.7	112.1

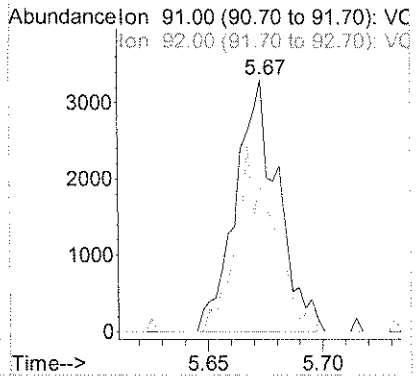


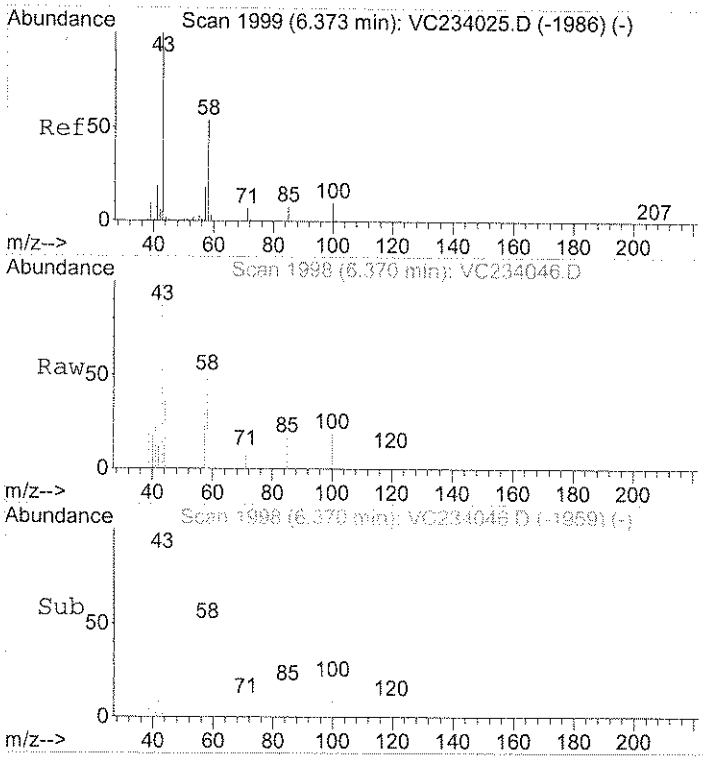


#61
TOLUENE
Concen: 0.21 UG/L
RT: 5.67 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 91 Resp: 4232

Ion	Ratio	Lower	Upper
91	100		
92	63.4	48.2	72.2

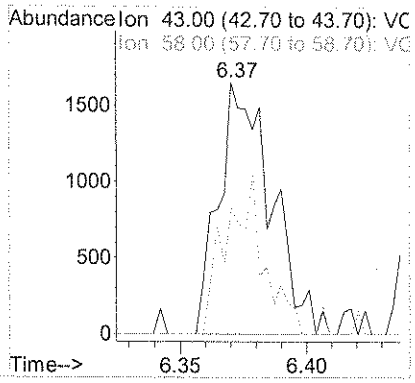


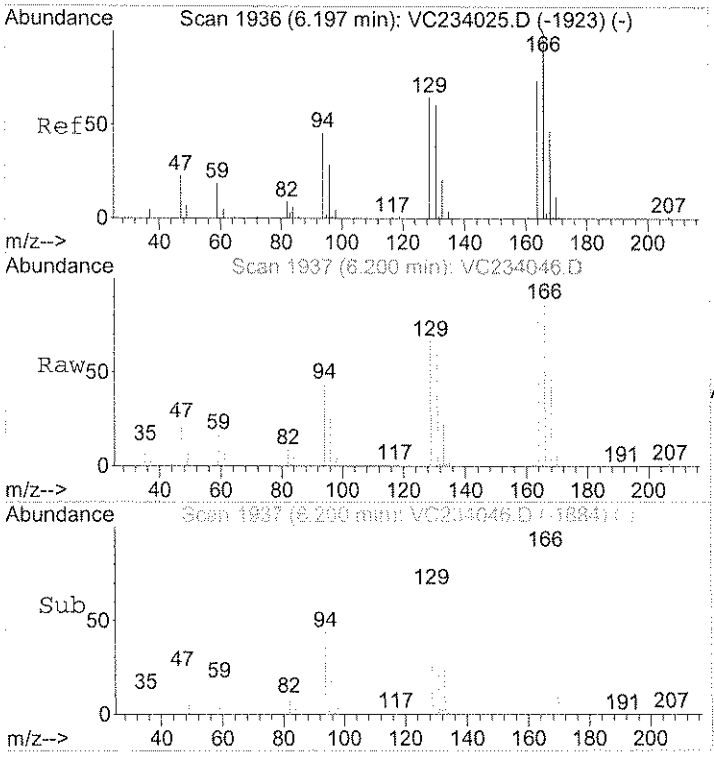


#65
2-HEXANONE
Concen: 0.87 UG/L
RT: 6.37 min Scan# 1998
Delta R.T. -0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion: 43 Resp: 2378

Ion	Ratio	Lower	Upper
43	100		
58	45.9	41.4	62.2

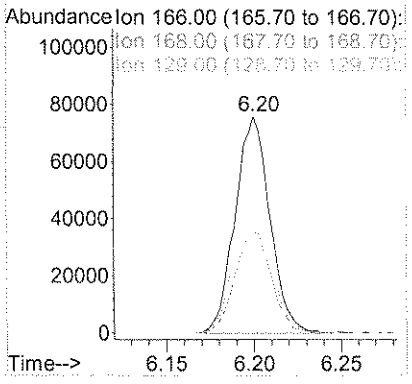


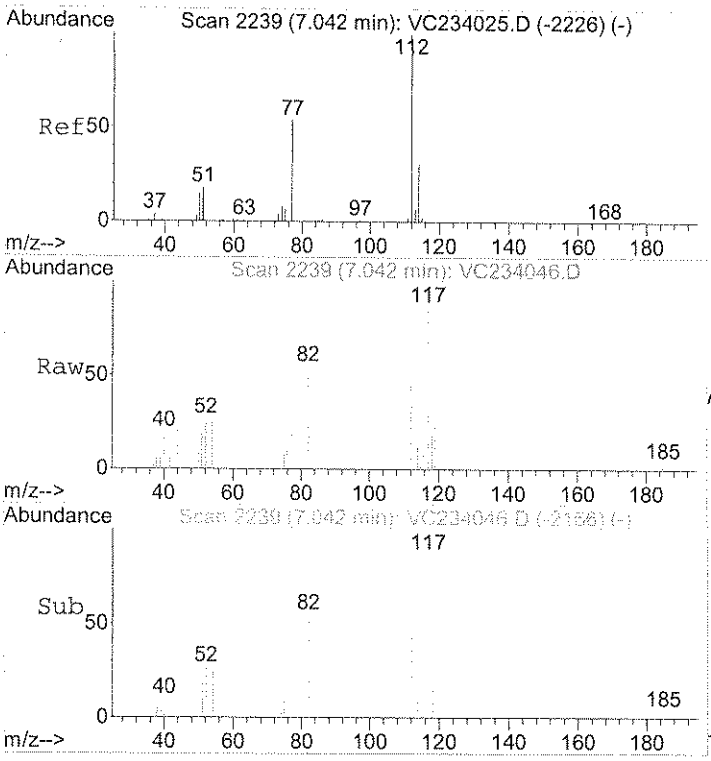


#66
TETRACHLOROETHENE
Concen: 19.16 UG/L
RT: 6.20 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion:166 Resp: 105518

Ion	Ratio	Lower	Upper
166	100		
168	48.7	38.1	57.1
129	68.0	53.6	80.4

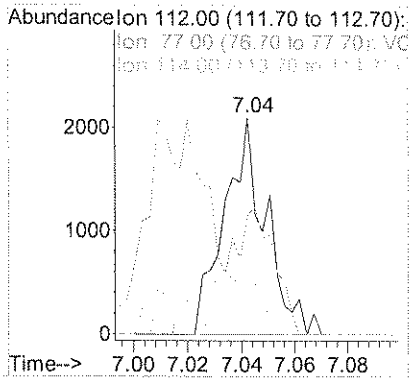


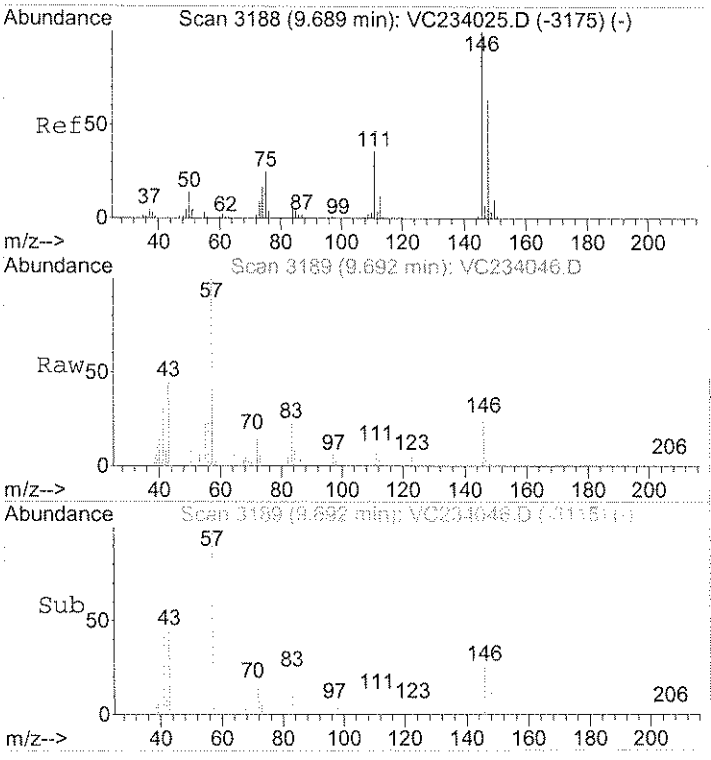


#72
CHLOROBENZENE
Concen: 0.17 UG/L
RT: 7.04 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion:112 Resp: 2257

Ion	Ratio	Lower	Upper
112	100		
77	53.9	47.9	71.9
114	31.5	26.2	39.4

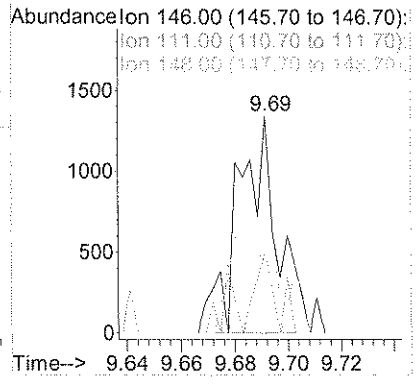




#97
1,2-DICHLOROBENZENE
Concen: 0.13 UG/L
RT: 9.69 min Scan# 3189
Delta R.T. 0.01 min
Lab File: VC234046.D
Acq: 23 Aug 2011 9:30 am

Tgt Ion:146 Resp: 1416

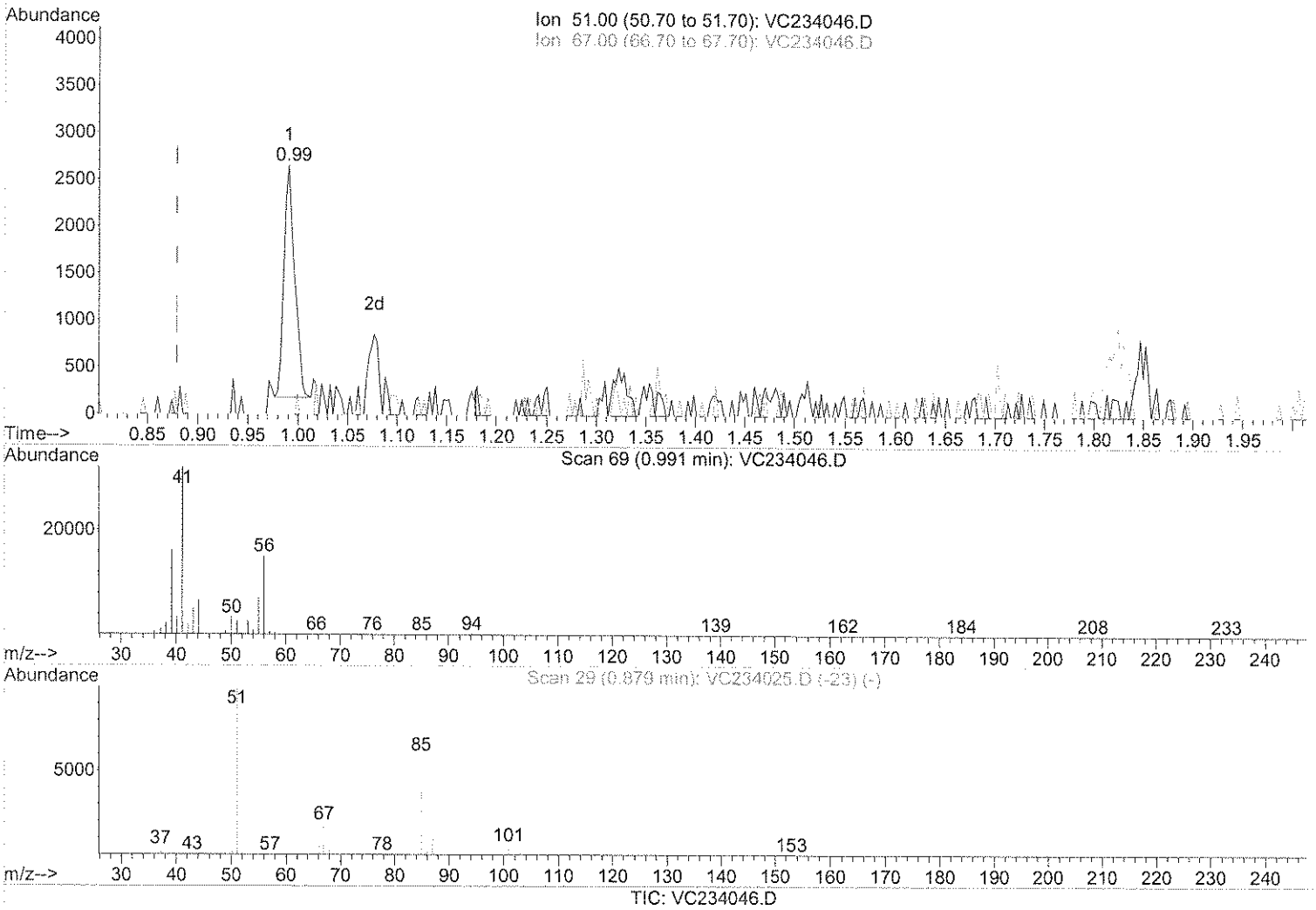
Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.4	47.2#
148	0.0	51.4	77.2#



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:06:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234046.D

(4) DIFLUOROCHLOROMETHANE

0.991min (+0.112) 0.27UG/L

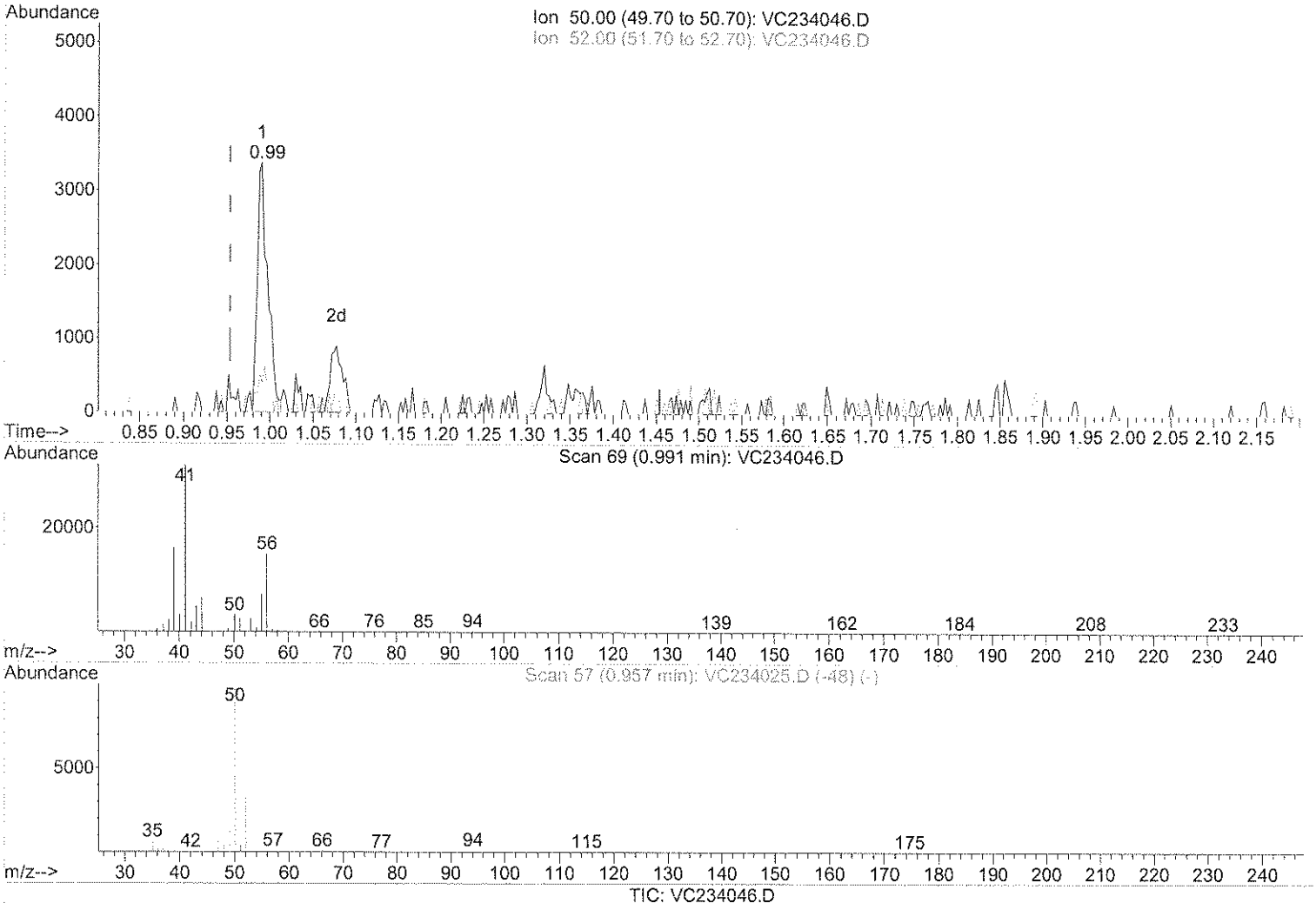
response 1856

Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:06:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234046.D

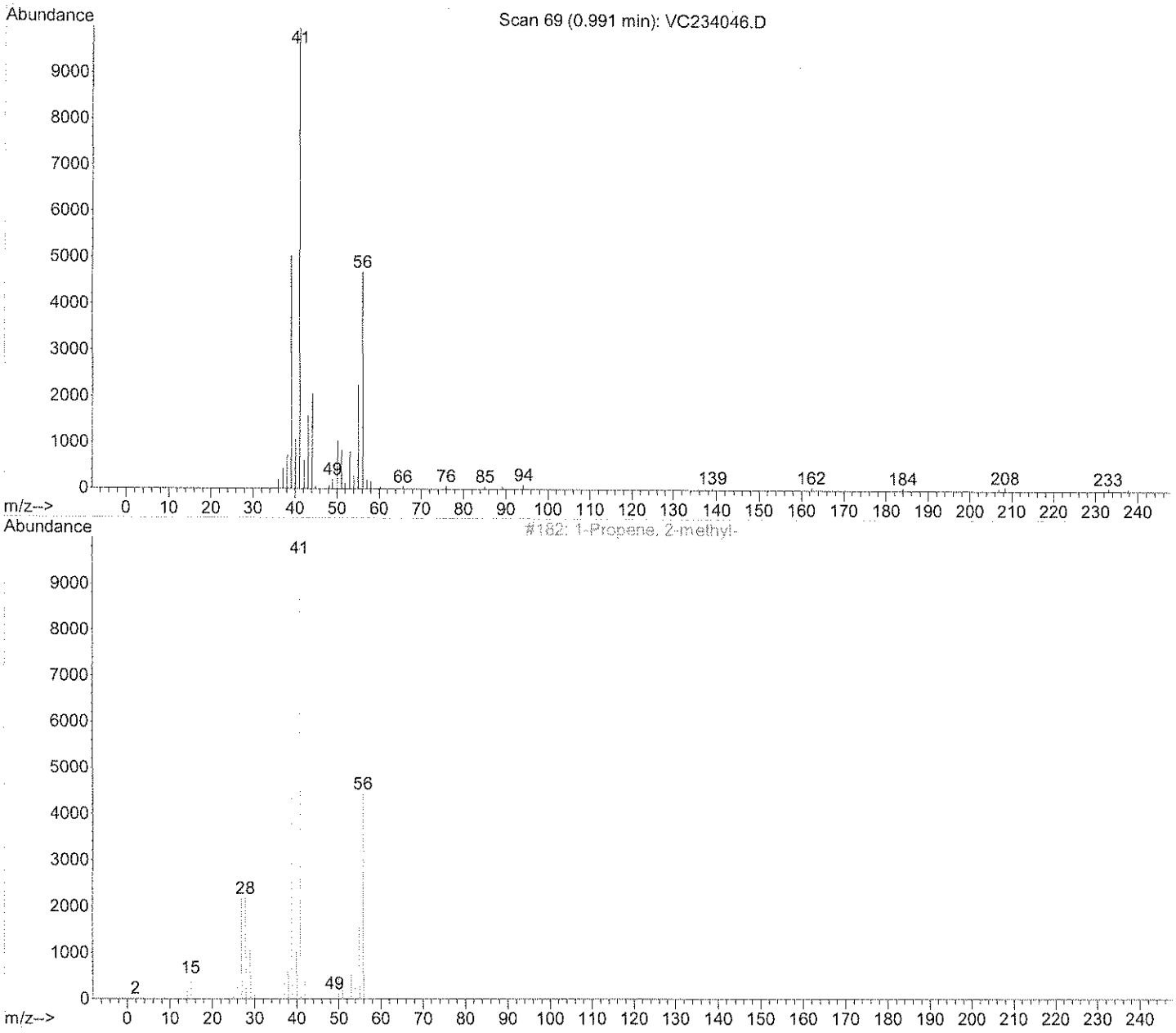
(5) CHLOROMETHANE (P)

0.991min (+0.037) 0.60UG/L

response 2981

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	18.82#
0.00	0.00	0.00
0.00	0.00	0.00

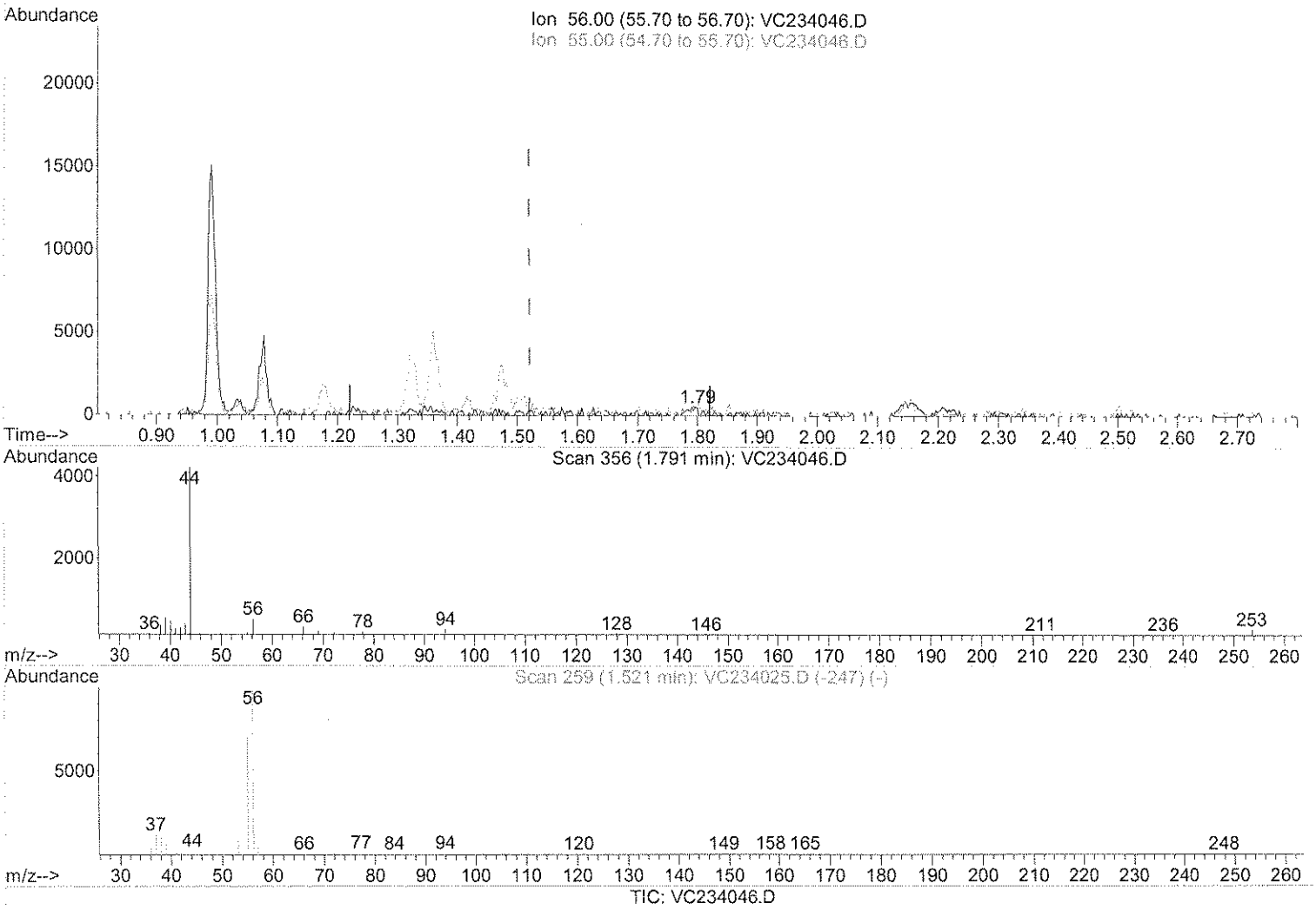
Library Searched : C:\Database\NIST05.L
Quality : 76
ID : 1-Propene, 2-methyl-



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:06:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234046.D

(13) ACROLEIN

1.791min (+0.271) 1.49UG/L

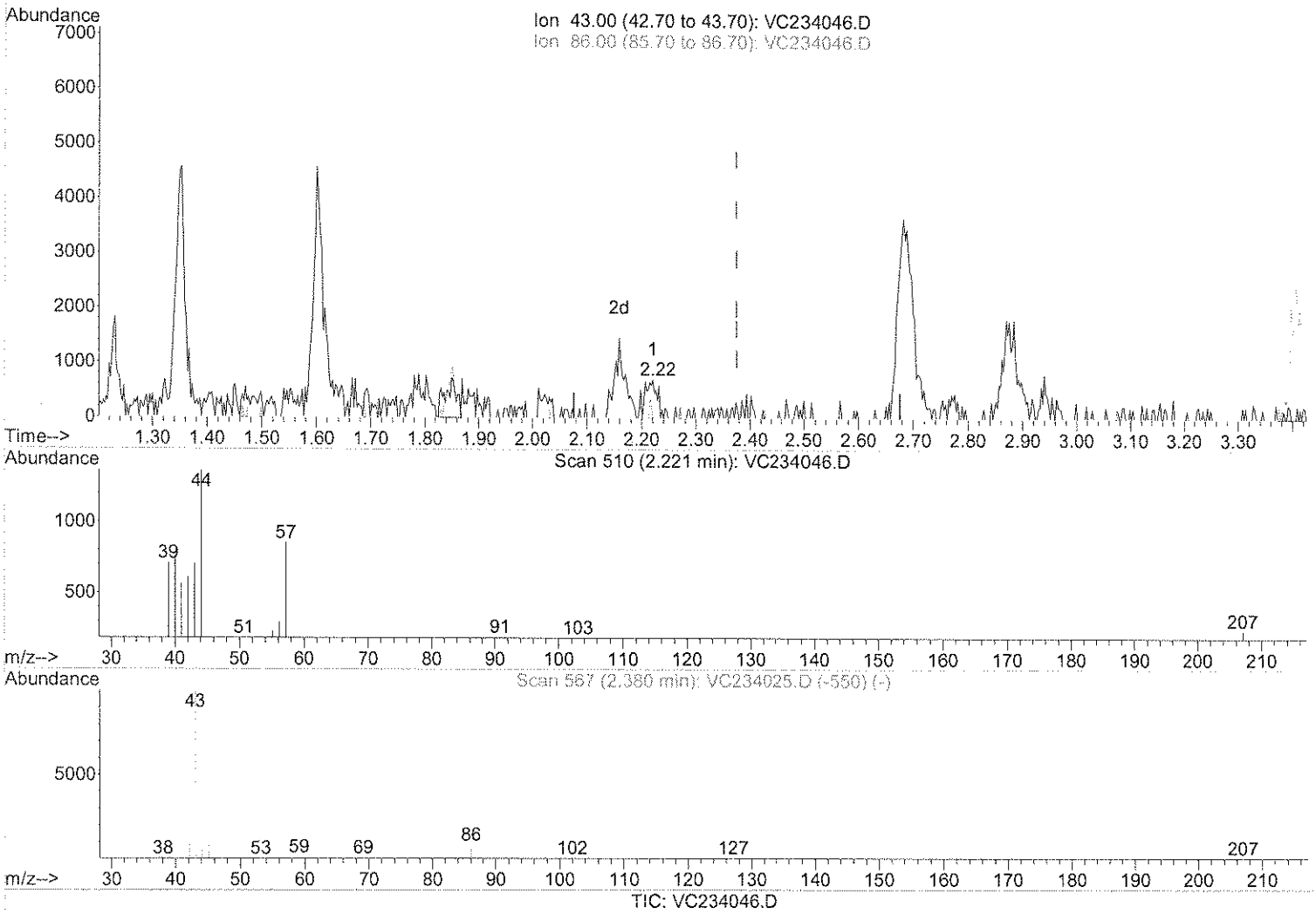
response 586

Ion	Exp%	Act%
56.00	100	100
55.00	75.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:06:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



TIC: VC234046.D

(28) VINYL ACETATE

2.221min (-0.156) 0.12UG/L

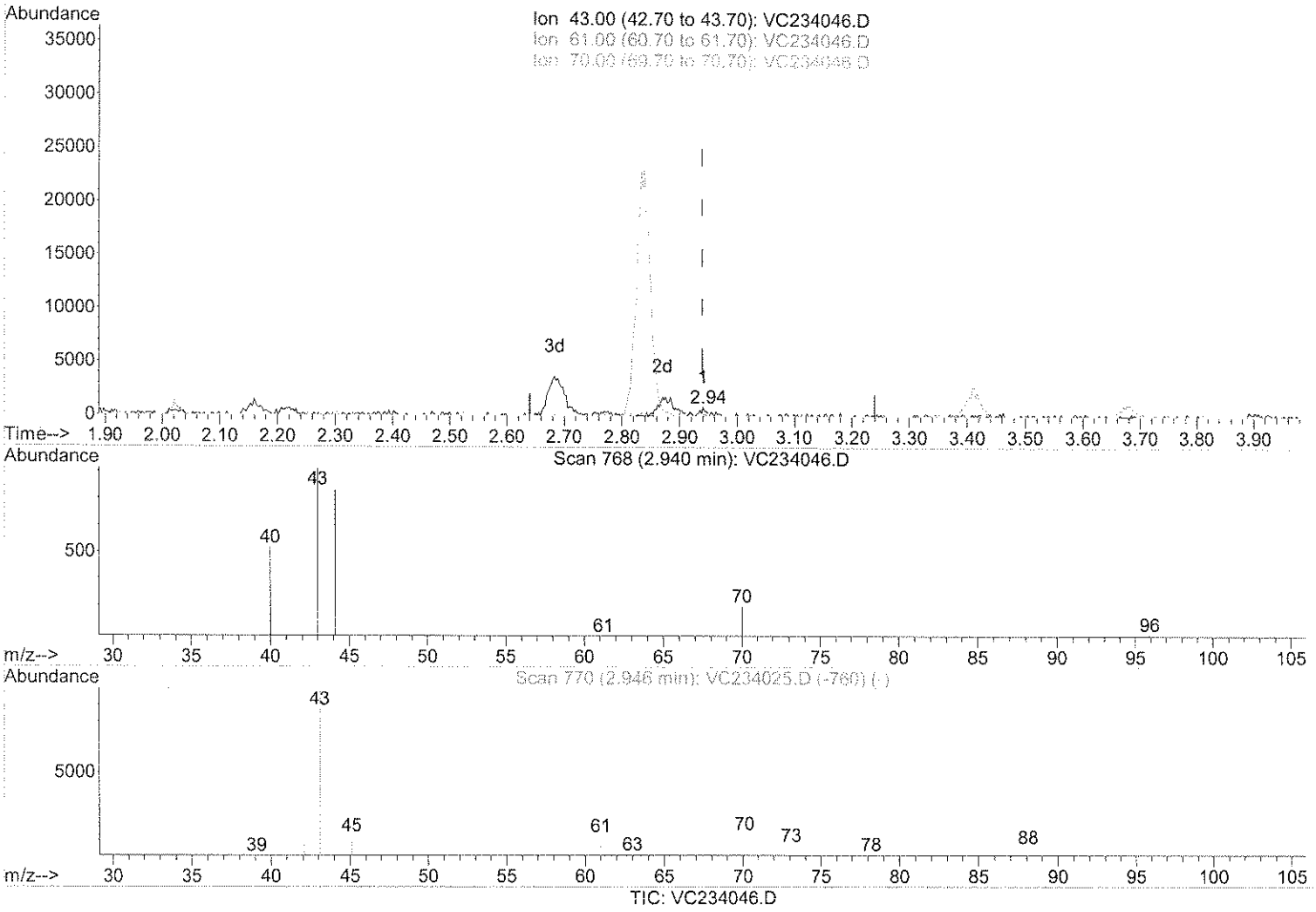
response 1011

Ion	Exp%	Act%
43.00	100	100
86.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:06:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(35) ETHYL ACETATE

2.940min (+0.000) 0.11UG/L

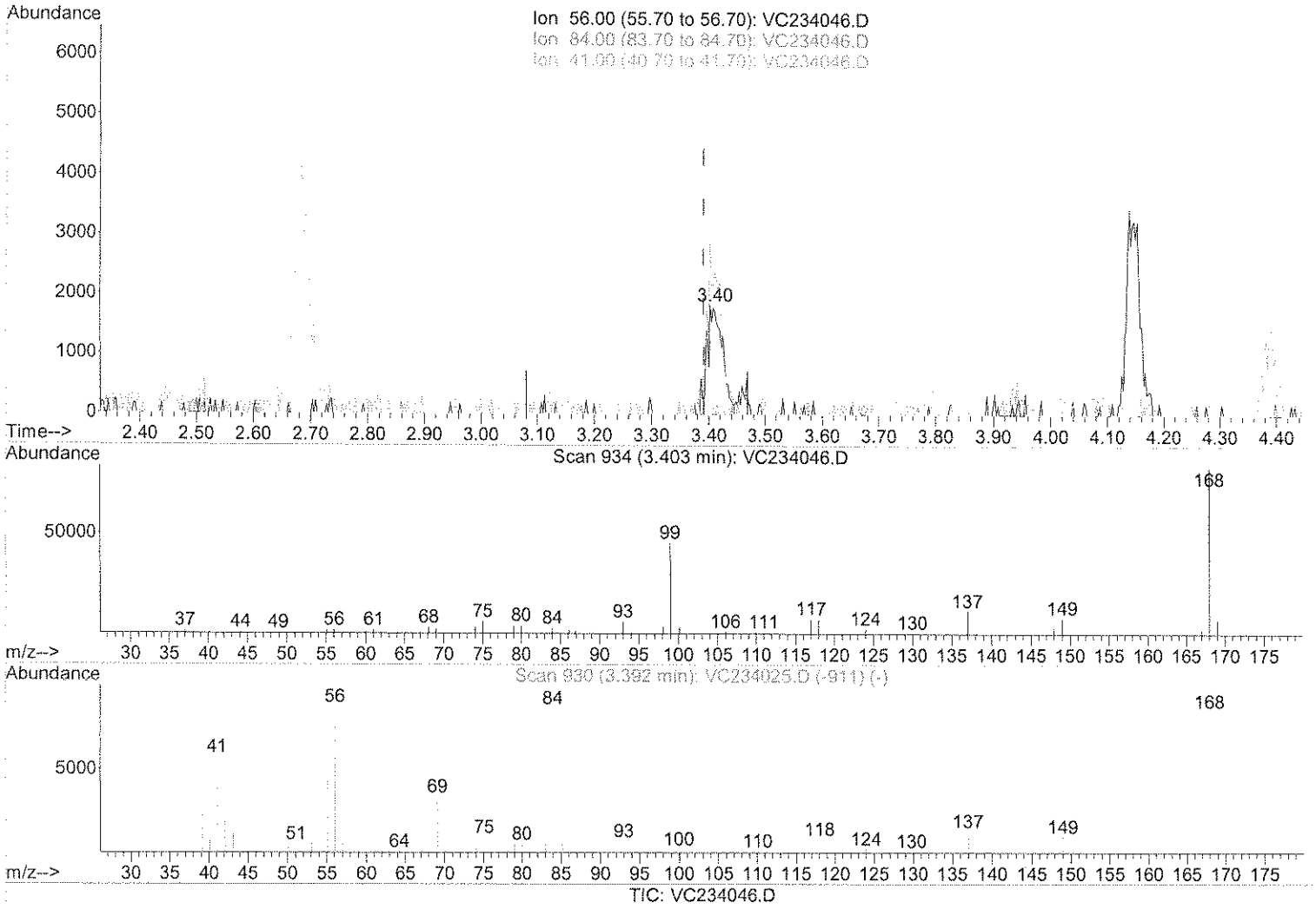
response 536

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:06:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(42) CYCLOHEXANE

3.403min (+0.011) 0.51UG/L

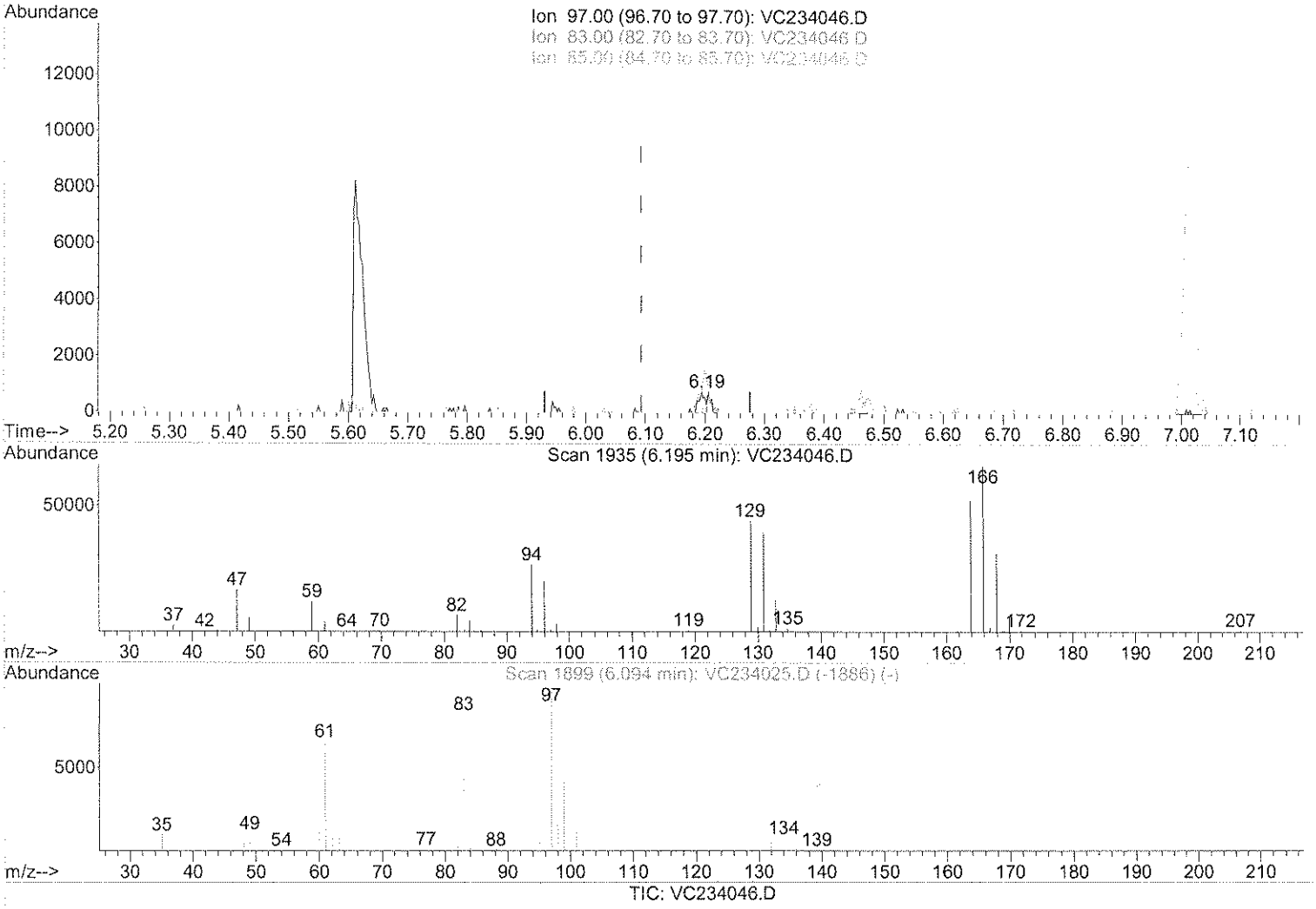
response 3506

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	67.40#
41.00	62.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:06:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(64) 1,1,2-TRICHLOROETHANE

6.195min (+0.101) 0.14UG/L

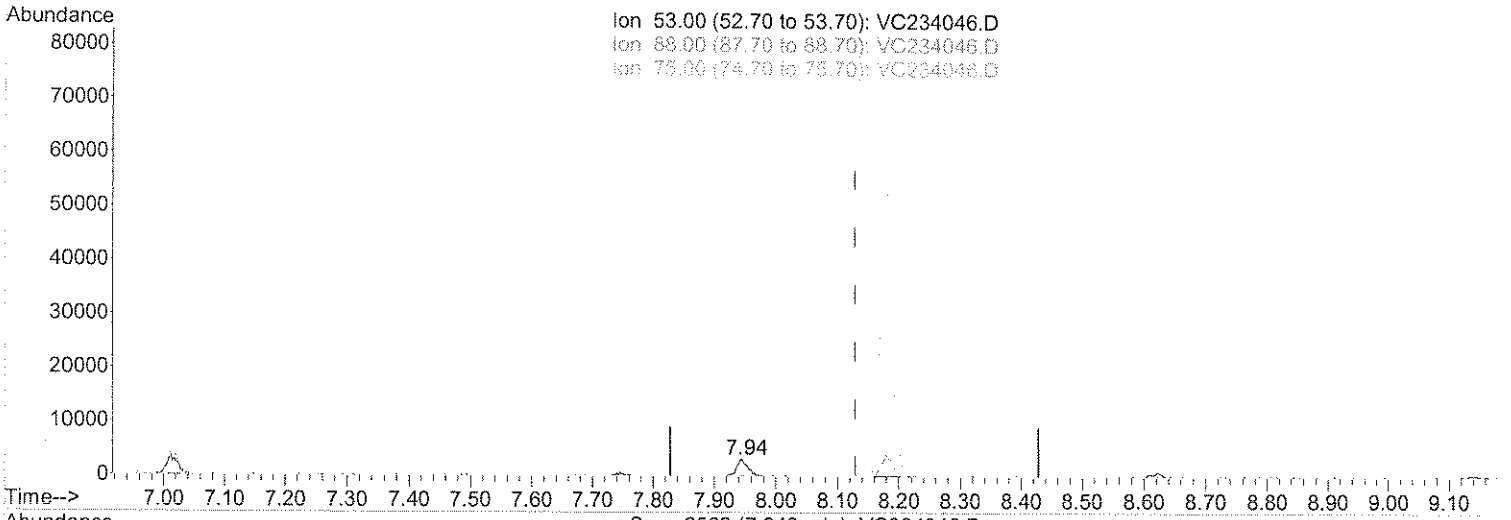
response 592

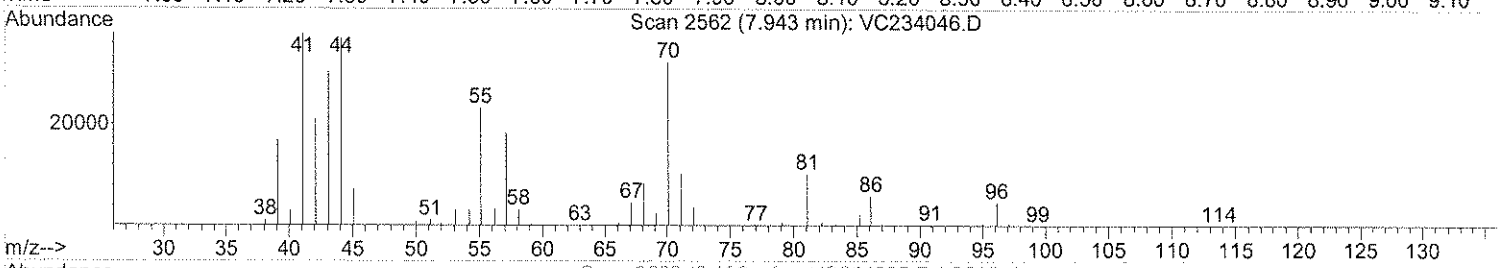
Ion	Exp%	Act%
97.00	100	100
83.00	85.10	226.01#
85.00	53.70	0.00#
0.00	0.00	0.00

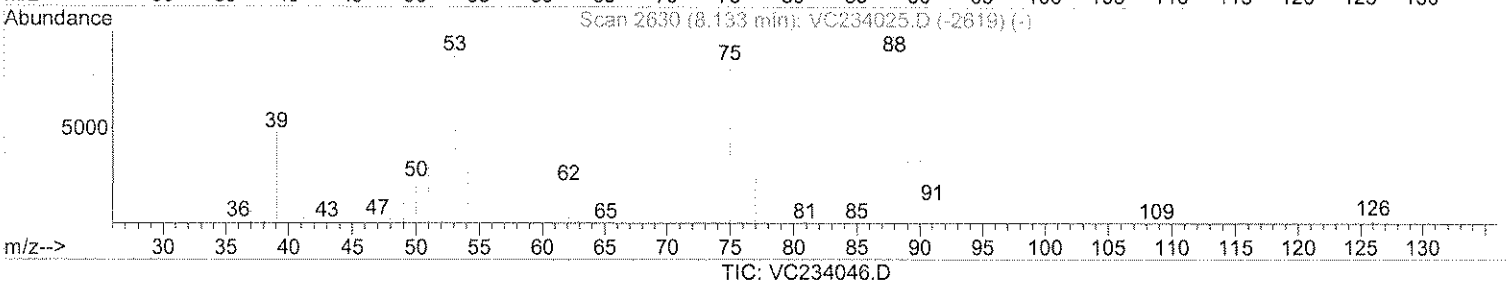
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:06:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234046.D

(80) CIS-1,4-DICHLORO-2-BUTENE

7.943min (-0.186) 2.76UG/L

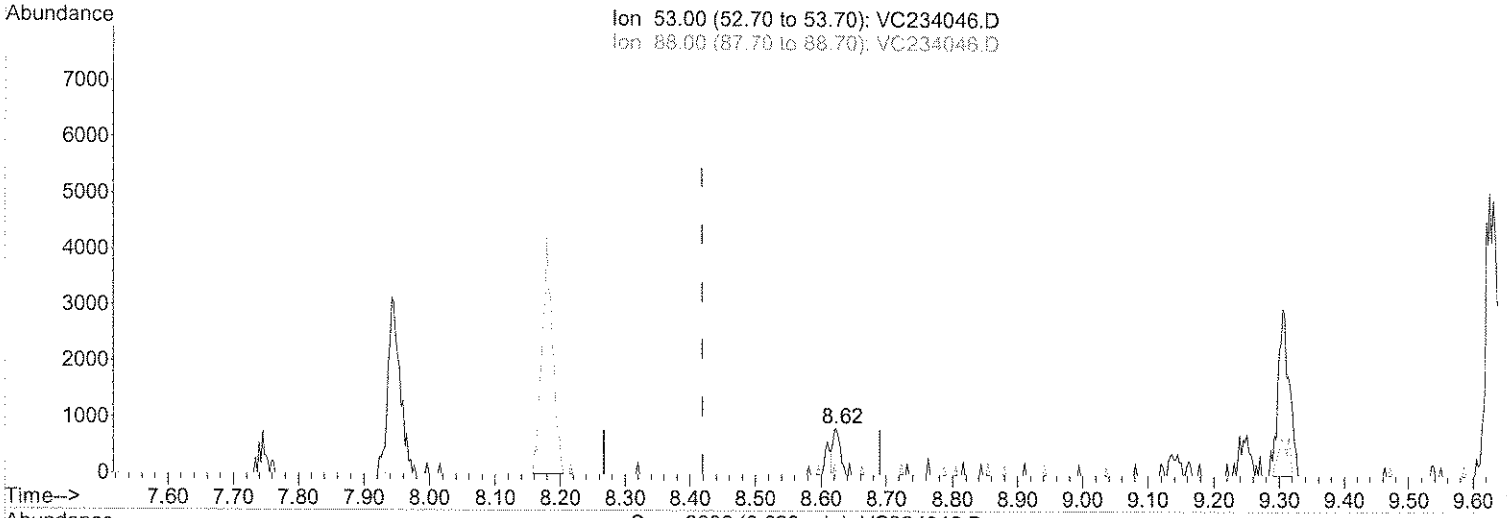
response 3967

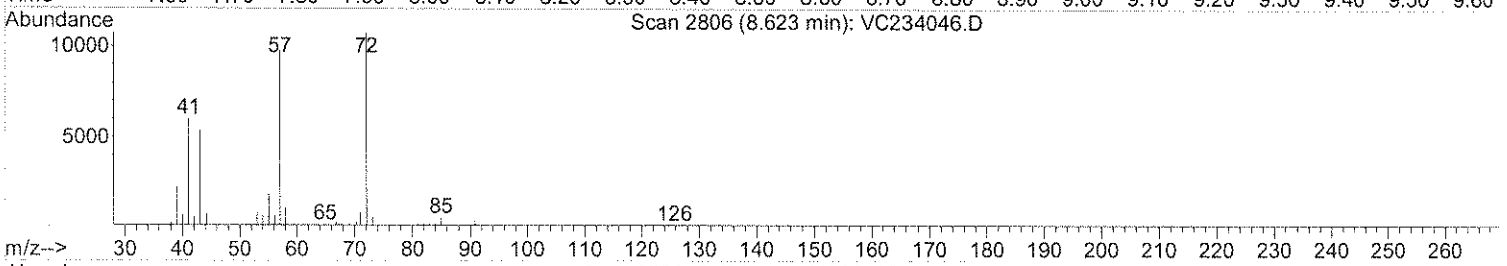
Ion	Exp%	Act%
53.00	100	100
88.00	127.40	0.00#
75.00	99.60	0.00#
0.00	0.00	0.00

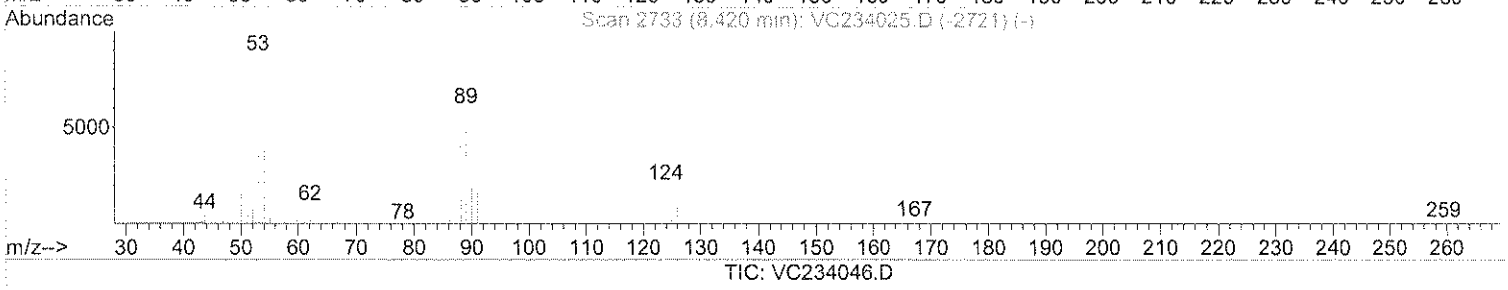
Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\082211\
Data File : VC234046.D
Acq On : 23 Aug 2011 9:30 am
Operator :
Sample : 11H0747-10 @ (poured off)
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 23 12:06:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234046.D

(82) 1,4-DICHLORO-2-BUTENE(TRANS)

8.623min (+0.204) 0.40UG/L

response 630

Ion	Exp%	Act%
53.00	100	100
88.00	58.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0747

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	~~0.170131~~	0.5	~~0.1792984~~	1	0.2104765	2	0.2015243	5	0.1974062	10	0.2154408
Ethyl Methacrylate	0.4	0.4918525	0.5	0.5305482	1	0.5337772	2	0.542514	5	0.5385336	10	0.5789172
Acetone	4	0.1764502	5	0.1495182	10	0.1607227	20	0.1707993	50	0.1582389	100	0.1623404
Acrolein	4	5.537356E-02	5	7.112311E-02	10	6.730318E-02	20	5.805187E-02	50	6.005369E-02	100	5.916615E-02
Acrylonitrile	0.4	~~0~~	0.5	~~0~~	1	0.2753862	2	0.2725126	5	0.2349363	10	0.2446124
tert-Amyl Methyl Ether (TAME)	0.4	1.587793	0.5	1.799953	1	1.893961	2	1.924147	5	1.975226	10	2.131347
Benzene	0.4	2.496053	0.5	2.58213	1	2.681233	2	2.703073	5	2.799932	10	2.928685
Bromobenzene	0.4	1.162369	0.5	1.330566	1	1.430228	2	1.419005	5	1.406641	10	1.460728
Bromochloromethane	0.4	0.5201647	0.5	0.5445086	1	0.6143231	2	0.6026464	5	0.6034627	10	0.6180582
Bromodichloromethane	0.4	0.5633286	0.5	0.5554706	1	0.6527613	2	0.6412994	5	0.6752839	10	0.7144731
Bromoform	0.4	~~0.3556934~~	0.5	~~0.3579599~~	1	0.4683061	2	0.4115405	5	0.4711194	10	0.4987749
Bromomethane	0.4	0.6455945	0.5	0.5669748	1	0.5105237	2	0.4706226	5	0.480701	10	0.4893459
2-Butanone (MEK)	4	0.2575	5	0.2787577	10	0.2742817	20	0.2809405	50	0.2840138	100	0.2890218
tert-Butyl Alcohol (TBA)	4	~~0~~	5	~~0~~	10	5.754362E-02	20	5.678212E-02	50	5.463046E-02	100	5.646136E-02
n-Butylbenzene	0.4	2.111241	0.5	1.813673	1	2.15394	2	2.062837	5	2.126836	10	2.319092
sec-Butylbenzene	0.4	2.633065	0.5	2.687691	1	2.804861	2	2.652466	5	2.797728	10	2.994435
tert-Butylbenzene	0.4	1.914307	0.5	1.875228	1	2.186654	2	1.948623	5	2.028562	10	2.168554
tert-Butyl Ethyl Ether (TBEE)	0.4	2.264745	0.5	2.302189	1	2.306284	2	2.380364	5	2.457013	10	2.581045
Carbon Disulfide	4	1.401198	5	1.509459	10	1.621102	20	1.637979	50	1.691701	100	1.773001
Carbon Tetrachloride	0.4	0.6463323	0.5	0.6639339	1	0.6482168	2	0.6905633	5	0.8206634	10	0.9049234
Chlorobenzene	0.4	1.853695	0.5	1.95413	1	2.089742	2	2.083178	5	2.081319	10	2.175788
Chlorodibromomethane	0.4	~~0.3319399~~	0.5	0.4045405	1	0.4348073	2	0.4284445	5	0.4757574	10	0.5092402
Chloroethane	0.4	~~0~~	0.5	~~0~~	1	0.3402987	2	0.3986704	5	0.3859302	10	0.3597704
2-Chloroethyl Vinyl Ether	4	0.1951419	5	0.2047226	10	0.2167332	20	0.2289253	50	0.2340089	100	0.2467052
Chloroform	0.4	1.37198	0.5	1.282049	1	1.438061	2	1.428426	5	1.467892	10	1.524178
Chloromethane	0.4	0.7060959	0.5	0.7833593	1	0.7741076	2	0.7428382	5	0.7291501	10	0.7738789

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0747

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	2.110242	0.5	2.497757	1	2.38872	2	2.542761	5	2.46232	10	2.566209
4-Chlorotoluene	0.4	2.664614	0.5	2.737247	1	2.772444	2	2.769603	5	2.897059	10	2.956912
Cyclohexane	0.4	~~0~~	0.5	~~2.073094~~	1	~~1.577116~~	2	~~1.209748~~	5	1.114447	10	1.065348
1,2-Dibromo-3-chloropropane (D	0.4	~~0~~	0.5	~~0~~	1	~~0.1056333~~	2	0.1103306	5	0.1236821	10	0.1320472
1,2-Dibromoethane (EDB)	0.4	0.4189227	0.5	0.4456127	1	0.4909469	2	0.4664839	5	0.4646188	10	0.4829062
Dibromomethane	0.4	0.2640982	0.5	0.3441286	1	0.3336358	2	0.3442107	5	0.3457734	10	0.3456904
1,2-Dichlorobenzene	0.4	1.460749	0.5	1.533323	1	1.513873	2	1.520175	5	1.569171	10	1.682912
1,3-Dichlorobenzene	0.4	1.460034	0.5	1.500066	1	1.595658	2	1.628635	5	1.615344	10	1.692038
1,4-Dichlorobenzene	0.4	1.554749	0.5	1.546742	1	1.704349	2	1.639711	5	1.674747	10	1.770453
trans-1,4-Dichloro-2-butene	0.4	~~0.1994506~~	0.5	~~0.1697443~~	1	~~0.194801~~	2	~~0.1941333~~	5	0.1988187	10	0.2285941
Dichlorodifluoromethane (Freon	0.4	0.9783523	0.5	1.008021	1	1.007732	2	1.013569	5	1.049567	10	1.070103
1,1-Dichloroethane	0.4	1.262045	0.5	1.238003	1	1.33184	2	1.26529	5	1.277476	10	1.367388
1,2-Dichloroethane	0.4	0.6968315	0.5	0.8054922	1	0.7908589	2	0.7930178	5	0.7989171	10	0.8414658
1,1-Dichloroethylene	0.4	0.8824354	0.5	0.9214079	1	0.9782263	2	0.946146	5	0.9532581	10	0.981539
cis-1,2-Dichloroethylene	0.4	1.113374	0.5	1.141931	1	1.227436	2	1.178487	5	1.226983	10	1.280792
trans-1,2-Dichloroethylene	0.4	0.8595629	0.5	0.9222947	1	0.9514443	2	0.9693875	5	0.9954857	10	1.061486
Dichlorofluoromethane (Freon 2	0.4	1.213718	0.5	1.163215	1	1.291289	2	1.23997	5	1.181347	10	1.232618
1,2-Dichloropropane	0.4	0.4041429	0.5	0.4274691	1	0.4776375	2	0.4494419	5	0.4608201	10	0.4808069
1,3-Dichloropropane	0.4	0.6389237	0.5	0.6908492	1	0.6694731	2	0.7109326	5	0.7020127	10	0.7284749
2,2-Dichloropropane	0.4	0.904939	0.5	0.9098792	1	0.9282937	2	0.9059002	5	0.8905501	10	0.9668035
1,1-Dichloropropene	0.4	1.089026	0.5	0.9459433	1	1.053731	2	1.019361	5	1.048723	10	1.053732
cis-1,3-Dichloropropene	0.4	0.5999147	0.5	0.6479826	1	0.6164356	2	0.7115186	5	0.7016171	10	0.7700507
trans-1,3-Dichloropropene	0.4	0.5233505	0.5	0.5245668	1	0.5308752	2	0.5600444	5	0.5948402	10	0.6302279
Diethyl Ether	0.4	0.3615329	0.5	0.4091205	1	0.467854	2	0.3922845	5	0.4114175	10	0.4187276
Difluorochloromethane (Freon 2	0.4	1.00971	0.5	1.017185	1	1.093979	2	1.073863	5	1.069324	10	1.114204
Diisopropyl Ether (DIPE)	0.4	2.069591	0.5	2.188972	1	2.249391	2	2.271656	5	2.283307	10	2.499886

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0747

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4	~~0~~	5	~~0~~	10	~~0~~	20	3.633037E-03	50	2.619465E-03	100	3.753344E-03
Ethyl Acetate	0.4	~~1.281966~~	0.5	~~1.068029~~	1	0.9612795	2	0.8222158	5	0.7396467	10	0.7461798
Ethylbenzene	0.4	3.284184	0.5	3.443294	1	3.778126	2	3.508159	5	3.643493	10	3.801502
Hexachlorobutadiene	0.4	0.4095958	0.5	0.475225	1	0.4852098	2	0.4511759	5	0.4238194	10	0.4447874
2-Hexanone (MBK)	4	0.2509175	5	0.2483668	10	0.2653075	20	0.2756176	50	0.2809278	100	0.2891003
Iodomethane	4	0.6624168	5	0.7510494	10	0.8105282	20	0.8556673	50	0.9186344	100	0.9723615
Isopropylbenzene (Cumene)	0.4	2.723254	0.5	2.616865	1	2.914993	2	2.795236	5	2.840998	10	2.926461
p-Isopropyltoluene (p-Cymene)	0.4	2.000086	0.5	2.150327	1	2.272415	2	2.283283	5	2.301072	10	2.472064
Methyl Acetate	0.4	~~0~~	0.5	0.9562895	1	0.8891041	2	0.8965442	5	0.8293502	10	0.9061653
Methyl tert-Butyl Ether (MTBE)	0.4	1.898048	0.5	2.022545	1	1.955696	2	2.081194	5	2.172037	10	2.287819
Methyl Cyclohexane	0.4	0.6452233	0.5	0.6104993	1	0.6082298	2	0.6410553	5	0.6465964	10	0.6358423
Methylene Chloride	0.4	~~1.927561~~	0.5	~~1.953373~~	1	~~1.378898~~	2	1.002579	5	0.8977891	10	0.8709394
4-Methyl-2-pentanone (MIBK)	4	0.3464774	5	0.3743744	10	0.3843716	20	0.3970412	50	0.4048221	100	0.4133414
Naphthalene	0.4	~~1.394627~~	0.5	~~1.329405~~	1	1.567683	2	1.572463	5	1.769107	10	2.002389
n-Propylbenzene	0.4	3.766029	0.5	3.533739	1	3.681134	2	3.668246	5	3.789515	10	4.006027
Styrene	0.4	1.830162	0.5	2.026741	1	2.313772	2	2.198998	5	2.225489	10	2.346405
1,1,1,2-Tetrachloroethane	0.4	0.5474284	0.5	0.598086	1	0.6707815	2	0.6554455	5	0.6989731	10	0.747091
1,1,2,2-Tetrachloroethane	0.4	0.8240359	0.5	0.8095498	1	0.8690115	2	0.8778064	5	0.8569545	10	0.9187086
Tetrachloroethylene	0.4	0.5015442	0.5	0.5355327	1	0.575907	2	0.5521826	5	0.5407099	10	0.5551708
Tetrahydrofuran	0.4	~~0~~	0.5	~~0~~	1	~~0~~	2	0.1974417	5	0.1721378	10	0.1796429
Toluene	0.4	1.869766	0.5	1.871972	1	1.950278	2	1.898311	5	1.976549	10	2.047164
1,2,3-Trichlorobenzene	0.4	~~0.5940212~~	0.5	0.6091282	1	0.8170909	2	0.7823835	5	0.8229024	10	0.9180827
1,2,4-Trichlorobenzene	0.4	0.7459219	0.5	0.7748297	1	0.8392571	2	0.858119	5	0.9947723	10	1.038777
1,3,5-Trichlorobenzene	0.4	0.886028	0.5	1.044095	1	1.024077	2	1.097193	5	1.06317	10	1.159516
1,1,1-Trichloroethane	0.4	1.059513	0.5	1.221154	1	1.229554	2	1.182423	5	1.255759	10	1.339644
1,1,2-Trichloroethane	0.4	0.3740987	0.5	0.4115188	1	0.4298037	2	0.4276143	5	0.44339	10	0.465731

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0747

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4710154	0.5	0.46575	1	0.5055573	2	0.5028631	5	0.5346558	10	0.5373805
Trichlorofluoromethane (Freon 1	0.4	0.9093659	0.5	0.8924384	1	1.058573	2	1.048914	5	1.055781	10	1.105072
1,2,3-Trichloropropane	0.4	0.6330725	0.5	0.6487227	1	0.7465465	2	0.6850098	5	0.6898388	10	0.7051758
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.4585565	0.5	0.5282502	1	0.5519829	2	0.5612869	5	0.5374066	10	0.553225
1,2,4-Trimethylbenzene	0.4	2.443278	0.5	2.430678	1	2.644348	2	2.511999	5	2.602085	10	2.787638
1,3,5-Trimethylbenzene	0.4	2.342098	0.5	2.6054	1	2.660756	2	2.706779	5	2.710074	10	2.868515
Vinyl Acetate	4	1.178966	5	1.168506	10	1.285569	20	1.305246	50	1.346038	100	1.432888
Vinyl Chloride	0.4	0.7440937	0.5	0.7138916	1	0.7600357	2	0.7653372	5	0.7983431	10	0.8245067
m+p Xylene	0.8	2.572605	1	2.635177	2	2.81049	4	2.78297	10	2.874977	20	2.967555
o-Xylene	0.4	2.753345	0.5	2.934061	1	2.90095	2	2.896352	5	2.846491	10	3.051878
1,2-Dichloroethane-d4	25	0.6413564	25	0.6218631	25	0.6188927	25	0.6221663	25	0.6411779	25	0.6306068
Toluene-d8	25	1.183276	25	1.227969	25	1.163154	25	1.207797	25	1.195216	25	1.171684
4-Bromofluorobenzene	25	0.9880839	25	0.9989692	25	1.000836	25	0.9868418	25	0.9575881	25	0.9643179

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0747

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2348632	50	0.2668693	100	0.2788376	200	~~0.3082516~~				
Ethyl Methacrylate	20	0.5784963	50	0.5887964	100	0.5928499	200	0.5891352				
Acetone	200	0.1605621	500	0.1603505	1000	0.1567199	2000	0.1568673				
Acrolein	200	6.104815E-02	500	5.969021E-02	1000	5.839731E-02	2000	6.097297E-02				
Acrylonitrile	20	0.2472123	50	0.2551703	100	0.248967	200	0.2457045				
tert-Amyl Methyl Ether (TAME)	20	2.150224	50	2.190235	100	2.149361	200	2.181385				
Benzene	20	2.965604	50	3.009204	100	2.914638	200	3.017493				
Bromobenzene	20	1.520421	50	1.551015	100	1.479708	200	1.486362				
Bromochloromethane	20	0.6331939	50	0.6432272	100	0.6299261	200	0.6157616				
Bromodichloromethane	20	0.7494769	50	0.8115096	100	0.826745	200	0.838391				
Bromoform	20	0.561666	50	~~0.6610788~~	100	~~0.6793471~~	200	~~0.7176411~~				
Bromomethane	20	0.4844984	50	0.5228154	100	0.4626718	200	~~0.2940359~~				
2-Butanone (MEK)	200	0.2930349	500	0.2948937	1000	0.2886555	2000	0.2908013				
tert-Butyl Alcohol (TBA)	200	5.520879E-02	500	5.614062E-02	1000	5.649809E-02	2000	5.772284E-02				
n-Butylbenzene	20	2.314769	50	2.293637	100	2.324297	200	2.359147				
sec-Butylbenzene	20	3.019918	50	2.918658	100	2.977946	200	2.974645				
tert-Butylbenzene	20	2.207086	50	2.147429	100	2.16134	200	2.158486				
tert-Butyl Ethyl Ether (TBEE)	20	2.630615	50	2.658777	100	2.599029	200	2.647993				
Carbon Disulfide	200	1.77653	500	1.652137	1000	1.518098	2000	~~1.06516~~				
Carbon Tetrachloride	20	0.9776983	50	1.060052	100	1.104352	200	1.163196				
Chlorobenzene	20	2.226235	50	2.213376	100	2.120774	200	2.164792				
Chlorodibromomethane	20	0.5520386	50	0.6007451	100	~~0.6219382~~	200	~~0.6385674~~				
Chloroethane	20	0.3679166	50	0.3542155	100	0.329657	200	0.2981864				
2-Chloroethyl Vinyl Ether	200	0.2498449	500	0.2459389	1000	0.232848	2000	0.2229714				
Chloroform	20	1.558622	50	1.561631	100	1.565103	200	1.611175				
Chloromethane	20	0.8034837	50	0.782131	100	0.7884147	200	0.8797243				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0747

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.670303	50	2.678892	100	2.568525	200	2.544214				
4-Chlorotoluene	20	3.098895	50	3.111279	100	2.874673	200	2.866087				
Cyclohexane	20	1.074778	50	1.02918	100	1.048566	200	1.070207				
1,2-Dibromo-3-chloropropane (D	20	0.1373076	50	0.1461268	100	0.1556706	200	0.1653403				
1,2-Dibromoethane (EDB)	20	0.4801473	50	0.4908787	100	0.4845259	200	0.482343				
Dibromomethane	20	0.3383535	50	0.3567979	100	0.3464281	200	0.3398123				
1,2-Dichlorobenzene	20	1.686798	50	1.659368	100	1.668545	200	1.659144				
1,3-Dichlorobenzene	20	1.743053	50	1.72693	100	1.701076	200	1.718437				
1,4-Dichlorobenzene	20	1.762055	50	1.732458	100	1.715948	200	1.694637				
trans-1,4-Dichloro-2-butene	20	0.2382194	50	0.2737253	100	0.2834298	200	0.2935542				
Dichlorodifluoromethane (Freon	20	1.080087	50	0.8798371	100	0.8575894	200	0.8460629				
1,1-Dichloroethane	20	1.379007	50	1.398364	100	1.38502	200	1.405669				
1,2-Dichloroethane	20	0.8419776	50	0.8499754	100	0.8436508	200	0.8428274				
1,1-Dichloroethylene	20	0.9880353	50	0.9804893	100	0.9629766	200	0.9798472				
cis-1,2-Dichloroethylene	20	1.29498	50	1.311562	100	1.279369	200	1.326905				
trans-1,2-Dichloroethylene	20	1.065407	50	1.068393	100	1.036054	200	1.049263				
Dichlorofluoromethane (Freon 2	20	1.226462	50	1.233913	100	1.187918	200	1.189232				
1,2-Dichloropropane	20	0.4766137	50	0.4872434	100	0.4882063	200	0.4834192				
1,3-Dichloropropane	20	0.7535287	50	0.7640545	100	0.7479423	200	0.7569474				
2,2-Dichloropropane	20	1.016452	50	1.028017	100	1.063405	200	1.135334				
1,1-Dichloropropene	20	1.097558	50	1.090283	100	1.067045	200	1.093715				
cis-1,3-Dichloropropene	20	0.781383	50	0.8163471	100	0.8054185	200	0.8222173				
trans-1,3-Dichloropropene	20	0.682501	50	0.7021675	100	0.725676	200	0.7412426				
Diethyl Ether	20	0.4292919	50	0.4360425	100	0.4270365	200	0.4403071				
Difluorochloromethane (Freon 2	20	1.15256	50	1.036176	100	1.013331	200	1.031802				
Diisopropyl Ether (DIPE)	20	2.51554	50	2.49346	100	2.404224	200	2.39944				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0747

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.654035E-03	500	3.565617E-03	1000	3.501606E-03	2000	3.426107E-03				
Ethyl Acetate	20	0.7711797	50	0.7144602	100	0.7003751	200	0.711402				
Ethylbenzene	20	3.887958	50	3.845084	100	3.762147	200	3.800245				
Hexachlorobutadiene	20	0.4553995	50	0.4356626	100	0.4612597	200	0.4630114				
2-Hexanone (MBK)	200	0.2874611	500	0.2959172	1000	0.2883495	2000	0.2732377				
Iodomethane	200	0.9874146	500	0.9611868	1000	0.8822535	2000	0.8036228				
Isopropylbenzene (Cumene)	20	3.043315	50	3.021087	100	2.975351	200	2.934496				
p-Isopropyltoluene (p-Cymene)	20	2.512438	50	2.454116	100	2.438066	200	2.441991				
Methyl Acetate	20	0.8899064	50	0.9026976	100	0.8876341	200	0.9077358				
Methyl tert-Butyl Ether (MTBE)	20	2.292257	50	2.296455	100	2.227634	200	2.233044				
Methyl Cyclohexane	20	0.6516707	50	0.6530858	100	0.6689165	200	0.6627097				
Methylene Chloride	20	0.8292234	50	0.8325122	100	0.7990101	200	0.8116692				
4-Methyl-2-pentanone (MIBK)	200	0.4134478	500	0.4215025	1000	0.4088861	2000	0.3850167				
Naphthalene	20	2.106761	50	2.162981	100	2.285204	200	2.28201				
n-Propylbenzene	20	4.207108	50	4.139015	100	4.012768	200	4.021635				
Styrene	20	2.429684	50	2.454833	100	2.318736	200	2.280059				
1,1,1,2-Tetrachloroethane	20	0.8008826	50	0.8411341	100	0.8250322	200	0.8447227				
1,1,2,2-Tetrachloroethane	20	0.9572472	50	0.9721682	100	0.9392659	200	0.9411326				
Tetrachloroethylene	20	0.5720657	50	0.5735887	100	0.5650993	200	0.5744761				
Tetrahydrofuran	20	0.1728075	50	0.1830505	100	0.1819085	200	0.185974				
Toluene	20	2.060488	50	2.114088	100	2.043581	200	2.038453				
1,2,3-Trichlorobenzene	20	0.9190199	50	0.9523322	100	0.9853637	200	0.9695567				
1,2,4-Trichlorobenzene	20	1.047559	50	1.064809	100	1.111926	200	1.099869				
1,3,5-Trichlorobenzene	20	1.167351	50	1.177086	100	1.182465	200	1.185088				
1,1,1-Trichloroethane	20	1.373576	50	1.396436	100	1.409277	200	1.472581				
1,1,2-Trichloroethane	20	0.450689	50	0.4627448	100	0.4527771	200	0.4595161				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0747

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.5445518	50	0.5410666	100	0.5421391	200	0.5461196				
Trichlorofluoromethane (Freon 1	20	1.096706	50	1.056576	100	1.043298	200	1.022337				
1,2,3-Trichloropropane	20	0.7314475	50	0.7313156	100	0.7164758	200	0.7158674				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.5588956	50	0.5430244	100	0.5321344	200	0.5427397				
1,2,4-Trimethylbenzene	20	2.799643	50	2.78772	100	2.767836	200	2.770923				
1,3,5-Trimethylbenzene	20	3.019067	50	3.003731	100	2.769632	200	2.762127				
Vinyl Acetate	200	1.469411	500	1.462297	1000	1.413301	2000	~~1.298498~~				
Vinyl Chloride	20	0.8202023	50	0.7713197	100	0.7624823	200	0.8117487				
m+p Xylene	40	3.021398	100	2.965817	200	2.863576	400	2.812082				
o-Xylene	20	3.213404	50	3.145778	100	2.966939	200	2.954115				
1,2-Dichloroethane-d4	25	0.6399209	25	0.6476761	25	0.6319063	25	0.6517142				
Toluene-d8	25	1.193316	25	1.225054	25	1.197667	25	1.216761				
4-Bromofluorobenzene	25	1.005896	25	1.014731	25	0.9707023	25	0.9843417				

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

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100030	Instrument:	GCMSVOA3
		Calibration Date:	9/29/2011 9:21:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2293454	14.05172			15	
Ethyl Methacrylate	0.5565421	6.079511			15	
Acetone	0.1612569	4.674634			15	
Acrolein	6.111802E-02	7.619275			15	
Acrylonitrile	0.2530627	5.560782			15	
tert-Amyl Methyl Ether (TAME)	1.998363	9.990606			15	
Benzene	2.809804	6.611404			15	
Bromobenzene	1.424704	7.805926			15	
Bromochloromethane	0.6025272	6.558406			15	
Bromodichloromethane	0.7028739	14.70014			15	
Bromoform	0.4822814	11.30859			15	
Bromomethane	0.5148609	11.34813			15	
2-Butanone (MEK)	0.2831901	3.939972			15	
tert-Butyl Alcohol (TBA)	5.637349E-02	1.876013			15	
n-Butylbenzene	2.187947	7.751332			15	
sec-Butylbenzene	2.846141	5.281999			15	
tert-Butylbenzene	2.079627	6.039598			15	
tert-Butyl Ethyl Ether (TBEE)	2.482805	6.37898			15	
Carbon Disulfide	1.620134	7.711907			15	
Carbon Tetrachloride	0.8679931	23.23581	0.9991887		0.995	
Chlorobenzene	2.096303	5.547324			15	
Chlorodibromomethane	0.4865105	14.71235			15	
Chloroethane	0.3543307	9.011312			15	
2-Chloroethyl Vinyl Ether	0.227784	7.99196			15	
Chloroform	1.480912	6.925065			15	
Chloromethane	0.7763184	6.064443			15	
2-Chlorotoluene	2.502994	6.517337			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100030	Instrument:	GCMSVOA3
		Calibration Date:	9/29/2011 9:21:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.874881	5.160589			15	
Cyclohexane	1.067088	2.681864			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1386436	13.58794			15	
1,2-Dibromoethane (EDB)	0.4707386	4.878792			15	
Dibromomethane	0.3358929	7.725046			15	
1,2-Dichlorobenzene	1.595406	5.306031			15	
1,3-Dichlorobenzene	1.638127	5.946648			15	
1,4-Dichlorobenzene	1.679585	4.648444			15	
trans-1,4-Dichloro-2-butene	0.2527236	14.53793			15	
Dichlorodifluoromethane (Freon 12)	0.9790921	8.917437			15	
1,1-Dichloroethane	1.33101	4.83328			15	
1,2-Dichloroethane	0.8105015	5.731708			15	
1,1-Dichloroethylene	0.9574361	3.495764			15	
cis-1,2-Dichloroethylene	1.238182	5.937331			15	
trans-1,2-Dichloroethylene	0.9978778	7.124875			15	
Dichlorofluoromethane (Freon 21)	1.215968	3.058343			15	
1,2-Dichloropropane	0.4635801	6.130238			15	
1,3-Dichloropropane	0.7163139	5.798851			15	
2,2-Dichloropropane	0.9749574	8.468802			15	
1,1-Dichloropropene	1.055912	4.357743			15	
cis-1,3-Dichloropropene	0.7272885	11.55043			15	
trans-1,3-Dichloropropene	0.6215492	13.90495			15	
Diethyl Ether	0.4193615	6.870701			15	
Difluorochloromethane (Freon 22)	1.061213	4.533072			15	
Diisopropyl Ether (DIPE)	2.337547	6.370078			15	
1,4-Dioxane	3.450459E-03	11.0583			15	
Ethyl Acetate	0.7708423	11.19887			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100030	Instrument:	GCMSVOA3
		Calibration Date:	9/29/2011 9:21:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.675419	5.437392			15	
Hexachlorobutadiene	0.4505147	5.099716			15	
2-Hexanone (MBK)	0.2755203	5.913326			15	
Iodomethane	0.8605135	12.224			15	
Isopropylbenzene (Cumene)	2.879206	4.696019			15	
p-Isopropyltoluene (p-Cymene)	2.332586	7.007854			15	
Methyl Acetate	0.8961586	3.641094			15	
Methyl tert-Butyl Ether (MTBE)	2.146673	6.877848			15	
Methyl Cyclohexane	0.6423829	3.101011			15	
Methylene Chloride	0.8633889	8.128865			15	
4-Methyl-2-pentanone (MIBK)	0.3949281	5.764823			15	
Naphthalene	1.968575	15.04388			15	*
n-Propylbenzene	3.882522	5.778845			15	
Styrene	2.242488	8.434551			15	
1,1,1,2-Tetrachloroethane	0.7229577	14.5894			15	
1,1,2,2-Tetrachloroethane	0.8965881	6.354099			15	
Tetrachloroethylene	0.5546277	4.250791			15	
Tetrahydrofuran	0.1818518	4.722487			15	
Toluene	1.987065	4.352475			15	
1,2,3-Trichlorobenzene	0.8639845	13.88531			15	
1,2,4-Trichlorobenzene	0.957584	14.50902			15	
1,3,5-Trichlorobenzene	1.098607	8.797954			15	
1,1,1-Trichloroethane	1.293992	9.722323			15	
1,1,2-Trichloroethane	0.4377883	6.466058			15	
Trichloroethylene	0.5191099	5.94538			15	
Trichlorofluoromethane (Freon 11)	1.028906	6.973225			15	
1,2,3-Trichloropropane	0.7003472	5.240176			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100030	Instrument:	GCMSVOA3
		Calibration Date:	9/29/2011 9:21:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5367502	5.512548			15	
1,2,4-Trimethylbenzene	2.654615	5.626871			15	
1,3,5-Trimethylbenzene	2.744818	7.18256			15	
Vinyl Acetate	1.340247	8.558315			15	
Vinyl Chloride	0.7771961	4.603008			15	
m+p Xylene	2.830665	5.054939			15	
o-Xylene	2.966331	4.64209			15	
1,2-Dichloroethane-d4	0.6347281	1.794524			15	
Toluene-d8	1.198189	1.809563			15	
4-Bromofluorobenzene	0.9872308	1.884059			15	

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

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001078	Instrument:	GCMSVOA3
Calibration:	1100030		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1109033	0.4ppb 8260 Calibration Standard	S001078-CAL1	VC234003.D	08/22/11 11:53
1109034	0.5ppb 8260 Calibration Standard	S001078-CAL2	VC234004.D	08/22/11 12:23
1109035	1ppb 8260 Calibration Standard	S001078-CAL3	VC234005.D	08/22/11 12:53
1109036	2ppb 8260 Calibration Standard	S001078-CAL4	VC234006.D	08/22/11 13:23
1109037	5ppb 8260 Calibration Standard	S001078-CAL5	VC234007.D	08/22/11 13:53
1109038	10ppb 8260 Calibration Standard	S001078-CAL6	VC234008.D	08/22/11 14:23
1109039	20ppb 8260 Calibration Standard	S001078-CAL7	VC234009.D	08/22/11 14:53
1109040	50ppb 8260 Calibration Standard	S001078-CAL8	VC234010.D	08/22/11 15:23
1109041	100ppb 8260 Calibration Standard	S001078-CAL9	VC234011.D	08/22/11 15:54
1109042	200ppb 8260 Calibration Standard	S001078-CALA	VC234012.D	08/22/11 16:24

Response Factor Report GCMSVOA3

Method Path : X:\1\METHODS\
Method File : C0831W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC243010.D 0.5 =VC243011.D 1.0 =VC243012.D 2.0 =VC243013.D 5.0 =VC243014.D 10 =VC243015.D 20 =VC243019.D
50 =VC243017.D 100 =VC243018.D 200 =VC243019.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.656	0.672	0.662	0.659	0.667	0.670	0.680	0.674	0.669	0.662	0.667	1.12
3)		DICHLORODIFLUO...	0.942	1.128	1.073	1.024	0.999	1.059	1.011	1.132	0.974	0.903	1.024	7.33
4)		DIFLUOROCHLORO...	0.836	1.183	1.079	1.041	1.048	1.128	1.087	1.174	1.047	1.011	1.063	9.24
5)	P	CHLOROMETHANE	0.639	0.711	0.698	0.720	0.697	0.702	0.687	0.766	0.759	0.795	0.717	6.28
6)	C	VINYL CHLORIDE	0.652	0.761	0.833	0.800	0.754	0.814	0.814	0.861	0.782	0.794	0.786	7.27#
7)		BROMOMETHANE			0.637	0.457	0.472	0.437	0.542	0.519	0.470	0.505		13.58
8)		CHLOROETHANE	0.378	0.440	0.358	0.389	0.354	0.379	0.365	0.398	0.366	0.339	0.377	7.48
9)		FLUORODICHLORO...	1.242	1.180	1.212	1.251	1.203	1.339	1.286	1.381	1.276	1.205	1.257	5.10
10)		TRICHLOROFLUOR...	1.023	1.036	1.032	1.016	1.029	1.088	1.132	1.205	1.078	1.035	1.067	5.68
11)		ETHANOL					0.005	0.004	0.004	0.003	0.003		0.004	0.996(LR)
12)		DI ETHYL ETHER	0.362	0.450	0.403	0.417	0.410	0.419	0.421	0.464	0.433	0.423	0.420	6.53
13)		ACROLEIN		0.039	0.041	0.046	0.048	0.051	0.055	0.057	0.057	0.058	0.050	14.27
14)		ACETONE	0.195	0.182	0.186	0.164	0.156	0.157	0.157	0.170	0.158	0.156	0.168	8.61
15)	C	1,1-DICHLOROET...	0.844	1.065	1.049	0.979	0.964	1.043	1.015	1.078	0.983	0.948	0.997	6.99#
16)		1,1,2-TRICL-1,...	0.540	0.543	0.566	0.550	0.523	0.585	0.585	0.601	0.544	0.534	0.557	4.62
17)		IODOMETHANE	0.400	0.605	0.557	0.744	0.815	0.962	0.996	1.098	0.984		0.796	0.997(LR)
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	0.873	1.175	1.093	1.007	1.016	1.026	1.038	1.085	1.020	1.043	1.038	7.40
21)		T-BUTYL ALCOHOL				0.023	0.024	0.027	0.027	0.036	0.039	0.044	0.031	0.997(LR)
22)		ACRYLONITRILE			0.245	0.203	0.199	0.218	0.210	0.229	0.214	0.219	0.217	6.79
23)		METHYLENE CHLO...					0.915	0.921	0.870	0.894	0.801	0.809	0.869	6.04
24)		CARBON DISULFIDE	1.422	1.616	1.563	1.649	1.626	1.760	1.728	1.889			1.657	8.42
25)		METHYL TERT-BU...	1.708	1.891	1.851	1.928	1.918	2.035	2.094	2.215	2.074	2.075	1.979	7.43
26)		TRANS 1,2-DICH...	0.864	0.964	0.897	0.944	0.936	1.019	1.002	1.061	0.985	0.961	0.963	5.99
27)	P	1,1-DICHLOROET...	1.014	1.212	1.123	1.219	1.154	1.290	1.267	1.333	1.253	1.250	1.212	7.67
28)		VINYL ACETATE	0.647	0.702	0.799	0.818	0.936	1.081	1.191	1.376	1.330		0.987	0.999(LR)
29)		DI ISOPROYL ETHER	1.829	1.919	2.097	2.217	2.095	2.289	2.282	2.466	2.258	2.244	2.170	8.69
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.187	0.223	0.284	0.237	0.243	0.263	0.264	0.281	0.268	0.267	0.252	11.82
32)		T-BUTYL ETHYL ...	1.658	1.777	1.890	1.864	1.933	2.115	2.137	2.340	2.259	2.295	2.027	11.59
33)		CIS-1,2-DICHLO...	0.980	1.035	1.088	1.168	1.112	1.225	1.206	1.289	1.189	1.185	1.148	8.13
34)		2,2-DICHLOROPR...			0.518	0.581	0.573	0.677	0.743				0.618	14.58
35)		ETHYL ACETATE	0.751	0.692	0.662	0.578	0.555	0.600	0.638	0.625	0.621	0.619	0.634	8.92
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.525	0.590	0.610	0.604	0.553	0.597	0.594	0.629	0.569	0.546	0.582	5.59
39)		TETRAHYDROFURAN			0.205	0.166	0.142	0.164	0.147	0.166	0.154	0.155	0.162	11.93

40)	C	CHLOROFORM	1.279	1.430	1.330	1.452	1.359	1.501	1.465	1.581	1.457	1.437	1.429	6.08#
41)		1,1,1-TRICHLOR...			0.909	0.936	0.953	1.055	1.131	1.298	1.260	1.277	1.102	14.71
42)		CYCLOHEXANE					1.035	1.014	1.000	1.038	0.952	0.958	1.000	3.73
43)		CARBON TETRACH...	0.375	0.602	0.464	0.509	0.545	0.617	0.700	0.893	0.930	0.990	0.663	0.999(LR)
44)		1,1-DICHLOROPR...	1.023	1.033	0.980	0.988	0.983	1.057	1.066	1.121	1.025	1.010	1.029	4.26
45)		BENZENE	2.224	2.268	2.454	2.503	2.506	2.744	2.682	2.849	2.609	2.584	2.542	7.72
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.311	1.419	1.505	1.501	1.588	1.730	1.782	1.958	1.851	1.881	1.653	13.19
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.175	1.174	1.152	1.191	1.174	1.171	1.161	1.174	1.168	1.172	1.171	0.86
50)		1,2-DICHLOROET...	0.800	0.863	0.928	0.939	0.899	0.940	0.927	0.988	0.913	0.894	0.909	5.59
51)		TRICHLOROETHENE	0.511	0.573	0.568	0.574	0.539	0.570	0.548	0.576	0.542	0.540	0.554	3.88
52)		METHYLCYCLOHEXANE	0.578	0.665	0.635	0.657	0.632	0.669	0.675	0.716	0.662	0.667	0.656	5.44
53)	C	1,2-DICHLOROPR...	0.463	0.439	0.454	0.499	0.457	0.459	0.461	0.509	0.470	0.472	0.468	4.47#
54)		DIBROMOMETHANE	0.319	0.348	0.342	0.341	0.334	0.358	0.349	0.369	0.343	0.340	0.344	3.92
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE					0.003	0.003	0.003	0.003	0.003	0.003	0.003	6.10
57)		BROMODICHLOROM...	0.576	0.628	0.616	0.659	0.650	0.710	0.753	0.859	0.833	0.857	0.714	14.77
58)		2-CHLOROETHYLV...	0.198	0.201	0.220	0.231	0.226	0.247	0.250	0.265	0.246	0.245	0.233	9.36
59)		MIBK	0.329	0.338	0.439	0.391	0.420	0.421	0.434	0.468	0.442	0.438	0.412	11.09
60)		CIS-1,3-DICHLO...	0.469	0.537	0.581	0.598	0.591	0.663	0.723				0.595	13.79
61)	C	TOLUENE	1.813	1.878	1.934	2.052	1.959	2.074	2.045	2.129	1.994	2.007	1.988	4.78#
62)		TRANS-1,3,-DIC...	0.355	0.415	0.384	0.415	0.435	0.504					0.418	12.06
63)		ETHYL METHACRY...		0.325	0.347	0.331	0.375	0.453	0.530	0.600	0.585	0.589	0.459	1.000(LR)
64)		1,1,2-TRICHLOR...	0.371	0.476	0.444	0.428	0.419	0.452	0.448	0.472	0.444	0.443	0.440	6.75
65)		2-HEXANONE			0.252	0.215	0.266	0.264	0.285	0.314	0.304	0.298	0.275	11.76
66)		TETRACHLOROETHENE	0.560	0.610	0.556	0.620	0.567	0.605	0.598	0.624	0.569	0.566	0.587	4.50
67)		1,3-DICHLOROPR...	0.625	0.720	0.798	0.773	0.760	0.806	0.790	0.844	0.762	0.762	0.764	7.73
68)		DIBROMOCHLOROM...		0.354	0.349	0.366	0.373	0.432	0.488				0.394	14.01
69)		1,2-DIBROMOETHANE		0.357	0.413	0.402	0.415	0.464	0.487	0.524	0.468	0.472	0.445	11.58
70)		CHLOROBENZENE-D5 ...	----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.886	0.862	0.859	0.885	0.879	0.889	0.864	0.904	0.903	0.918	0.885	2.21
72)	T	CHLOROBENZENE	2.490	2.356	2.595	2.455	2.415	2.599	2.525	2.684	2.466	2.435	2.502	3.97
73)		1,1,1,2-TETRAC...		0.571	0.548	0.514	0.562	0.673	0.747				0.602	14.73
74)	C	ETHYLBENZENE	3.543	4.003	4.249	4.047	4.254	4.529	4.330	4.695	4.352	4.337	4.234	7.47#
75)		M/P-XYLENES	2.827	3.145	3.160	3.340	3.221	3.616	3.399	3.632	3.371	3.345	3.306	7.14
76)		0-XYLENE	3.060	3.420	3.296	3.392	3.311	3.729	3.560	3.788	3.527	3.483	3.456	6.18
77)		STYRENE	2.154	2.241	2.300	2.468	2.442	2.802	2.773	2.931	2.708	2.684	2.550	10.41
78)	P	BROMOFORM	0.247	0.222	0.294	0.316	0.368	0.435	0.501	0.695	0.753	0.819	0.465	0.997(LR)
79)		ISOPROPYLBENZENE	3.029	3.270	3.145	3.448	3.299	3.695	3.614	3.890	3.517	3.514	3.442	7.59
80)		CIS-1,4-DICHLO...			0.157	0.154	0.170	0.187	0.225	0.293	0.308	0.343	0.230	0.997(LR)
81)	P	1,1,2,2-TETRAC...	0.910	0.834	1.046	0.919	0.897	1.026	1.016	1.112	1.049	1.053	0.986	9.05
82)		1,4-DICHLORO-2...			0.164	0.139	0.149	0.189	0.217	0.279	0.305	0.334	0.222	0.998(LR)
83)		BROMOBENZENE	1.528	1.659	1.726	1.734	1.698	1.828	1.761	1.932	1.767	1.754	1.739	6.04
84)		1,2,3-TRICHLOR...	0.734	0.761	0.868	0.825	0.807	0.839	0.826	0.898	0.845	0.837	0.824	5.79
85)		N-PROPYLBENZENE	3.827	3.721	4.112	4.266	4.244	4.834	4.574	4.994	4.708	4.608	4.389	9.67
86)		2-CHLOROT0LUENE	2.657	2.797	3.046	2.961	2.967	3.215	2.992	3.241	3.022	2.955	2.985	5.78
87)		1,3,5-TRIMETHY...	2.534	2.719	2.951	3.223	3.215	3.684	3.516	3.737	3.446	3.373	3.240	12.32
88)		4-CHLOROTOLUENE	2.678	3.110	3.106	3.309	3.271	3.631	3.467	3.736	3.507	3.420	3.324	9.20
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.530	2.988	2.878	2.927	2.853	3.028	3.025	3.100	2.816	2.828	2.897	5.54

91)	1,2,4-TRIMETHY...	3.093	3.196	3.608	3.709	3.559	3.988	3.924	4.075	3.647	3.644	3.644	8.67
92)	SEC-BUTYLBENZENE	2.979	3.263	3.972	3.889	3.810	4.159	4.150	4.288	3.914	3.871	3.830	10.65
93)	1,3-DICHLOROBE...	1.865	2.002	2.241	2.153	2.084	2.285	2.242	2.358	2.144	2.168	2.154	6.68
94)	P-ISOPROPYLTOL...	2.619	2.402	2.925	3.065	3.143	3.409	3.441	3.477	3.245	3.212	3.094	11.50
95)	1,4-DICHLOROBE...	2.233	2.363	2.429	2.237	2.119	2.313	2.254	2.322	2.188	2.183	2.264	4.11
96)	N-BUTYLBENZENE	1.362	1.420	2.112	2.172	2.554	2.974	3.057	3.206	2.953	2.992	2.480	1.000(LR)
97)	1,2-DICHLOROBE...	1.879	1.911	2.112	2.102	2.011	2.192	2.154	2.267	2.087	2.091	2.081	5.73
98)	1,2-DIBROMO-3-...			0.073	0.061	0.092	0.115	0.133	0.186	0.194	0.211	0.133	0.998(LR)
99)	1,3,5-TRICHLOR...	0.363	0.439	0.915	0.923	1.156	1.355	1.474	1.590	1.448	1.505	1.117	0.999(LR)
100)	1,2,4-TRICHLOR...			0.163	0.188	0.509	0.772	1.027	1.282	1.244	1.347	0.817	0.999(LR)
101)	HEXACHLOROBUTA...		0.249	0.405	0.472	0.519	0.587	0.621	0.677	0.589	0.625	0.527	0.999(LR)
102)	NAPHTHALENE					0.535	0.950	1.536	2.140	2.245	2.507	1.652	0.998(LR)
103)	1,2,3-TRICHLOR...				0.086	0.384	0.601	0.804	1.063	1.070	1.171	0.740	0.999(LR)

(#) = Out of Range

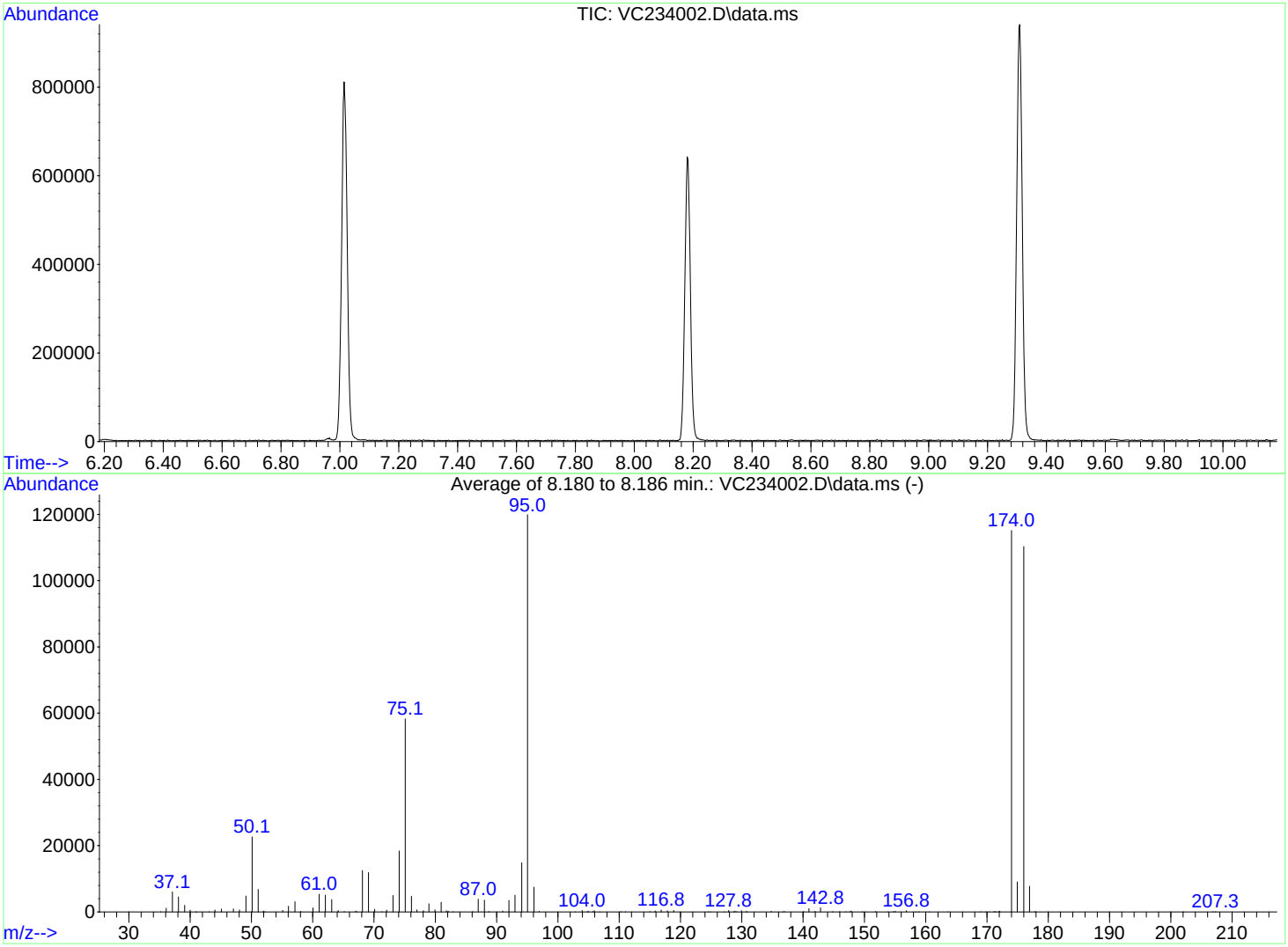
C0831W11.M Fri Sep 30 09:13:15 2011

BFB

Data Path : X:\1\DATA\082211\
Data File : VC234002.D
Acq On : 22 Aug 2011 11:23 am
Operator :
Sample : BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0831W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.180 to 8.186 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	22645	PASS
75	95	30	60	48.6	58256	PASS
95	95	100	100	100.0	119904	PASS
96	95	5	9	6.2	7479	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	96.0	115131	PASS
175	174	5	9	7.9	9058	PASS
176	174	95	101	95.8	110296	PASS
177	176	5	9	7.0	7732	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234003.D
Acq On : 22 Aug 2011 11:53 am
Operator :
Sample : 8260 STD 0.4 PPB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 13:46:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	203301	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	309544	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	194409	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	209841	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	108657	32.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.60%				
49) TOLUENE SS	5.609	98	305230	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	160077	25.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	2652	0.60	UG/L		95
4) DIFLUOROCHLOROMETHANE	0.879	51	2737	0.48	UG/L	#	92
5) CHLOROMETHANE	0.957	50	1914	3.51	UG/L		97
6) VINYL CHLORIDE	1.002	62	2017	0.56	UG/L		99
7) BROMOMETHANE	1.150	94	1750	0.78	UG/L	#	80
9) FLUORODICHLOROMETHANE	1.281	67	3290	0.61	UG/L		94
10) TRICHLOROFLUOROMETHANE	1.317	101	2465	0.57	UG/L		94
12) DI ETHYL ETHER	1.454	59	980	0.41	UG/L	#	68
13) ACROLEIN	1.521	56	1501m	4.26	UG/L		
14) ACETONE	1.602	43	4783	5.77	UG/L		91
15) 1,1-DICHLOROETHENE	1.571	61	2392	0.49	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.574	101	1243	0.43	UG/L		97
17) IODOMETHANE	1.660	142	17956	4.01	UG/L	#	100
23) METHYLENE CHLORIDE	1.850	49	5225	1.28	UG/L		96
24) CARBON DISULFIDE	1.696	76	37982	3.95	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.031	73	5145m	0.54	UG/L		
26) TRANS 1,2-DICHLOROETHENE	2.025	61	2330	0.51	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	3421	0.46	UG/L	#	84
28) VINYL ACETATE	2.380	43	31958	4.64	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	5610	0.40	UG/L	#	69
31) 2-BUTANONE	2.873	43	6980	4.09	UG/L	#	76
32) T-BUTYL ETHYL ETHER	2.711	59	6139	0.46	UG/L	#	73
33) CIS-1,2-DICHLOROETHENE	2.845	61	3018m	0.41	UG/L		
34) 2,2-DICHLOROPROPANE	2.837	77	2453m	0.63	UG/L		
35) ETHYL ACETATE	2.943	43	3475	0.74	UG/L	#	69
38) BROMOCHLOROMETHANE	3.080	49	1410m	0.38	UG/L		
40) CHLOROFORM	3.180	83	3719	0.45	UG/L	#	60
41) 1,1,1-TRICHLOROETHANE	3.347	97	2872m	0.46	UG/L		
43) CARBON TETRACHLORIDE	3.509	117	1752m	0.41	UG/L		
44) 1,1-DICHLOROPROPENE	3.515	75	2952m	0.46	UG/L		
45) BENZENE	3.729	78	6766	0.37	UG/L	#	1
47) T-AMYLMETHYL ETHER	3.869	73	4304	0.37	UG/L	#	66
50) 1,2-DICHLOROETHANE	3.754	62	2876	0.40	UG/L	#	77
51) TRICHLOROETHENE	4.390	95	1944	0.39	UG/L	#	45
52) METHYLCYCLOHEXANE	4.560	83	2663m	0.40	UG/L		
53) 1,2-DICHLOROPROPANE	4.616	63	1668	0.34	UG/L	#	80
54) DIBROMOMETHANE	4.722	93	1090	0.32	UG/L		87
57) BROMODICHLOROMETHANE	4.903	83	2325m	0.35	UG/L		
58) 2-CHLOROETHYLVINYLETHER	5.246	63	8054	3.52	UG/L		89
59) MIBK	5.542	43	14300	3.55	UG/L	#	89
60) CIS-1,3-DICHLOROPROPENE	5.358	75	2476	0.35	UG/L		95
61) TOLUENE	5.673	91	7717	0.37	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	2160	0.40	UG/L	#	50

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234003.D
Acq On : 22 Aug 2011 11:53 am
Operator :
Sample : 8260 STD 0.4 PPB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 13:46:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

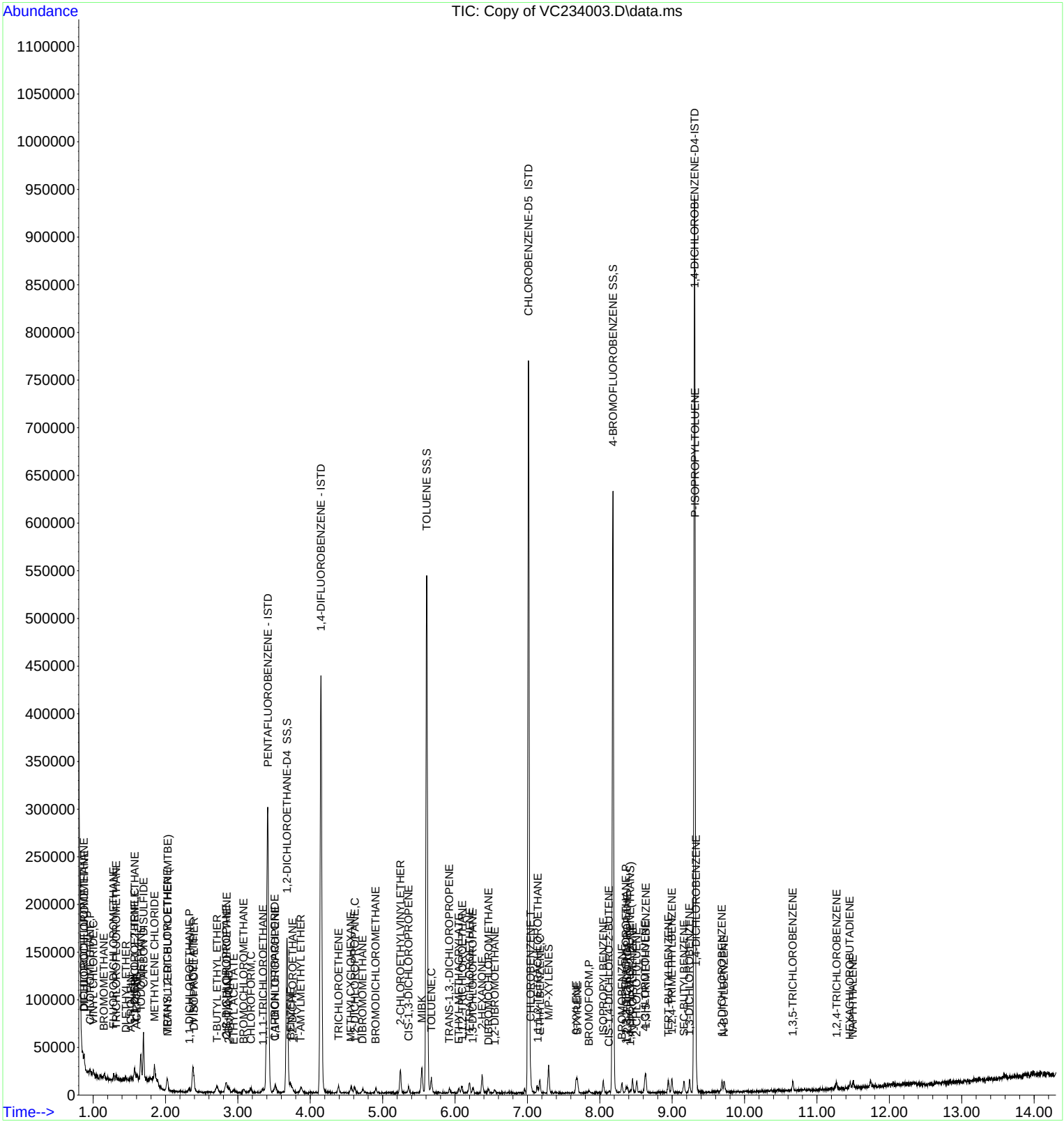
Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
63) ETHYL METHACRYLATE	6.049	69	2030m	0.36 UG/L		
64) 1,1,2-TRICHLOROETHANE	6.100	97	1544	0.33 UG/L	#	65
65) 2-HEXANONE	6.373	43	10356	4.01 UG/L	#	82
66) TETRACHLOROETHENE	6.203	166	2070	0.37 UG/L		99
67) 1,3-DICHLOROPROPANE	6.245	76	2637	0.36 UG/L		96
68) DIBROMOCHLOROMETHANE	6.462	129	1370	0.27 UG/L		92
69) 1,2-DIBROMOETHANE	6.549	107	1729	0.38 UG/L		90
72) CHLOROBENZENE	7.042	112	4805	0.28 UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.143	131	1419	0.25 UG/L	#	57
74) ETHYLBENZENE	7.173	91	8513	0.30 UG/L		92
75) M/P-XYLENES	7.293	91	13337	0.64 UG/L	#	100
76) 0-XYLENE	7.672	91	7137	0.32 UG/L		92
77) STYRENE	7.692	104	4744	0.26 UG/L		87
78) BROMOFORM	7.851	173	922	0.20 UG/L	#	35
79) ISOPROPYLBENZENE	8.049	105	7059	0.31 UG/L		90
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	441m	0.34 UG/L		
81) 1,1,2,2-TETRACHLOROETHANE	8.358	83	2136	0.30 UG/L	#	53
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	517m	0.35 UG/L		
83) BROMOBENZENE	8.305	77	3013	0.27 UG/L		94
84) 1,2,3-TRICHLOROPROPANE	8.381	75	1641	0.31 UG/L	#	39
85) N-PROPYLBENZENE	8.453	91	9762	0.34 UG/L	#	85
86) 2-CHLOROT0LUENE	8.509	91	5470	0.29 UG/L	#	69
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	6071	0.28 UG/L		100
88) 4-CHLOROTOLUENE	8.623	91	6907	0.32 UG/L		96
90) TERT-BUTYLBENZENE	8.947	119	5356	0.33 UG/L		89
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	6836	0.33 UG/L		93
92) SEC-BUTYLBENZENE	9.164	105	7367	0.32 UG/L		95
93) 1,3-DICHLOROBENZENE	9.237	146	4085	0.31 UG/L		95
94) P-ISOPROPYLTOLUENE	9.318	119	5596	0.30 UG/L	#	62
95) 1,4-DICHLOROBENZENE	9.329	146	4350	0.31 UG/L	#	94
96) N-BUTYLBENZENE	9.714	91	5907	0.38 UG/L	#	80
97) 1,2-DICHLOROBENZENE	9.686	146	4087	0.31 UG/L		91
99) 1,3,5-TRICHLOROBENZENE	10.665	180	2479	0.30 UG/L	#	50
100) 1,2,4-TRICHLOROBENZENE	11.273	180	2087	1.15 UG/L		99
101) HEXACHLOROBUTADIENE	11.454	225	1146	0.39 UG/L	#	43
102) NAPHTHALENE	11.498	128	3902	3.47 UG/L	#	71
103) 1,2,3-TRICHLOROBENZENE	11.744	180	1662	Below Cal		92

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234003.D
Acq On : 22 Aug 2011 11:53 am
Operator :
Sample : 8260 STD 0.4 PPB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 13:46:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234004.D
Acq On : 22 Aug 2011 12:23 pm
Operator :
Sample : 8260 STD 0.5 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 13:51:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	202972	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	300934	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	188401	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	205671	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	105184	31.42	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.68%				
49) TOLUENE SS	5.609	98	307948	25.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	156839	26.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	3410	0.77	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.879	51	3441	0.61	UG/L		98
5) CHLOROMETHANE	0.957	50	2650	3.66	UG/L		95
6) VINYL CHLORIDE	1.005	62	2415	0.67	UG/L	#	80
7) BROMOMETHANE	1.155	94	1918	0.86	UG/L	#	79
9) FLUORODICHLOROMETHANE	1.284	67	3935	0.73	UG/L	#	85
10) TRICHLOROFLUOROMETHANE	1.309	101	3019	0.70	UG/L		91
12) DI ETHYL ETHER	1.451	59	1384	0.58	UG/L	#	85
13) ACROLEIN	1.521	56	2406	6.84	UG/L	#	38
14) ACETONE	1.602	43	5058	6.11	UG/L	#	80
15) 1,1-DICHLOROETHENE	1.568	61	3117	0.64	UG/L	#	85
16) 1,1,2-TRICL-1,2,2-TRIF...	1.574	101	1787	0.62	UG/L		83
17) IODOMETHANE	1.657	142	25407	5.68	UG/L	#	100
20) METHYL ACETATE	1.783	43	3235	0.68	UG/L	#	89
23) METHYLENE CHLORIDE	1.847	49	6608	1.62	UG/L		94
24) CARBON DISULFIDE	1.696	76	51063	5.31	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	6842	0.72	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.025	61	3120	0.69	UG/L	#	91
27) 1,1-DICHLOROETHANE	2.332	63	4188	0.57	UG/L	#	85
28) VINYL ACETATE	2.377	43	39529	5.75	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	7405	0.52	UG/L		91
31) 2-BUTANONE	2.879	43	9430	5.54	UG/L		96
32) T-BUTYL ETHYL ETHER	2.717	59	7788	0.59	UG/L	#	66
33) CIS-1,2-DICHLOROETHENE	2.837	61	3863	0.53	UG/L	#	87
34) 2,2-DICHLOROPROPANE	2.829	77	3078m	0.80	UG/L		
35) ETHYL ACETATE	2.948	43	3613m	0.77	UG/L		
38) BROMOCHLOROMETHANE	3.082	49	1842	0.50	UG/L		99
40) CHLOROFORM	3.183	83	4337m	0.52	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.339	97	4131m	0.66	UG/L		
42) CYCLOHEXANE	3.411	56	7013	1.09	UG/L	#	71
43) CARBON TETRACHLORIDE	3.509	117	2246m	0.52	UG/L		
44) 1,1-DICHLOROPROPENE	3.517	75	3200	0.50	UG/L	#	83
45) BENZENE	3.727	78	8735	0.48	UG/L	#	87
47) T-AMYLMETHYL ETHER	3.872	73	6089	0.53	UG/L	#	68
50) 1,2-DICHLOROETHANE	3.757	62	4040	0.58	UG/L	#	77
51) TRICHLOROETHENE	4.390	95	2336	0.48	UG/L	#	56
52) METHYLCYCLOHEXANE	4.574	83	3062	0.48	UG/L	#	41
53) 1,2-DICHLOROPROPANE	4.613	63	2144m	0.44	UG/L		
54) DIBROMOMETHANE	4.728	93	1726	0.52	UG/L	#	75
57) BROMODICHLOROMETHANE	4.898	83	2786m	0.43	UG/L		
58) 2-CHLOROETHYLVINYLETHER	5.246	63	10268	4.62	UG/L		87
59) MIBK	5.539	43	18777	4.80	UG/L	#	67
60) CIS-1,3-DICHLOROPROPENE	5.361	75	3250	0.48	UG/L	#	52

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234004.D
Acq On : 22 Aug 2011 12:23 pm
Operator :
Sample : 8260 STD 0.5 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 13:51:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

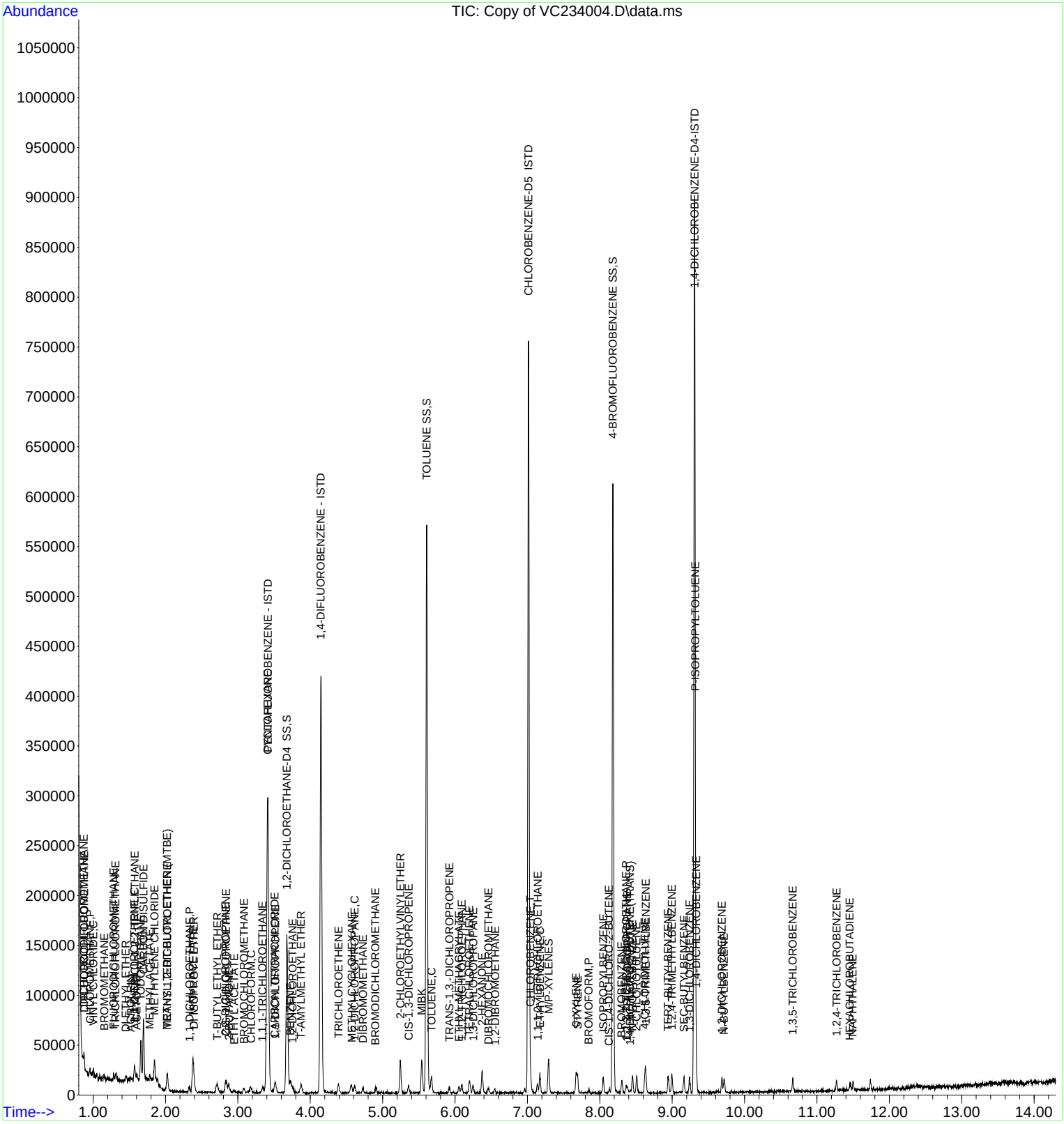
Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
61) TOLUENE	5.676	91	9389	0.46 UG/L		95
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	2631	0.50 UG/L		96
63) ETHYL METHACRYLATE	6.055	69	2661m	0.49 UG/L		
64) 1,1,2-TRICHLOROETHANE	6.091	97	2064	0.45 UG/L	#	81
65) 2-HEXANONE	6.373	43	12457	4.96 UG/L		88
66) TETRACHLOROETHENE	6.197	166	2686	0.49 UG/L		94
67) 1,3-DICHLOROPROPANE	6.253	76	3465	0.49 UG/L		96
68) DIBROMOCHLOROMETHANE	6.462	129	2029	0.41 UG/L		98
69) 1,2-DIBROMOETHANE	6.554	107	2235	0.50 UG/L		93
72) CHLOROBENZENE	7.039	112	6136	0.37 UG/L		95
73) 1,1,1,2-TETRACHLOROETHANE	7.143	131	1878	0.34 UG/L		94
74) ETHYLBENZENE	7.173	91	10812	0.40 UG/L		92
75) M/P-XYLENES	7.293	91	16549	0.82 UG/L	#	100
76) 0-XYLENE	7.672	91	9213	0.43 UG/L		96
77) STYRENE	7.695	104	6364	0.36 UG/L	#	85
78) BROMOFORM	7.848	173	1124	0.25 UG/L	#	96
79) ISOPROPYLBENZENE	8.049	105	8217	0.37 UG/L		96
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	563	0.44 UG/L		84
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	2542	0.37 UG/L	#	61
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	533	0.38 UG/L	#	25
83) BROMOBENZENE	8.300	77	4178	0.39 UG/L		91
84) 1,2,3-TRICHLOROPROPANE	8.381	75	2037	0.40 UG/L	#	39
85) N-PROPYLBENZENE	8.450	91	11096	0.40 UG/L		95
86) 2-CHLOROT0LUENE	8.509	91	7843	0.42 UG/L		92
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	8181	0.39 UG/L		93
88) 4-CHLOROTOLUENE	8.621	91	8595	0.41 UG/L		97
90) TERT-BUTYLBENZENE	8.941	119	6428	0.40 UG/L	#	82
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	8332	0.41 UG/L		96
92) SEC-BUTYLBENZENE	9.164	105	9213	0.41 UG/L		100
93) 1,3-DICHLOROBENZENE	9.240	146	5142	0.39 UG/L		98
94) P-ISOPROPYLTOLUENE	9.321	119	7371	0.41 UG/L	#	73
95) 1,4-DICHLOROBENZENE	9.332	146	5302	0.38 UG/L	#	74
96) N-BUTYLBENZENE	9.714	91	6217	0.40 UG/L	#	69
97) 1,2-DICHLOROBENZENE	9.686	146	5256	0.41 UG/L		99
99) 1,3,5-TRICHLOROBENZENE	10.665	180	3579	0.44 UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.273	180	2656	1.23 UG/L		92
101) HEXACHLOROBUTADIENE	11.454	225	1629m	0.57 UG/L		
102) NAPHTHALENE	11.496	128	4557m	3.52 UG/L		
103) 1,2,3-TRICHLOROBENZENE	11.738	180	2088	Below Cal		91

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234004.D
Acq On : 22 Aug 2011 12:23 pm
Operator :
Sample : 8260 STD 0.5 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 13:51:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234005.D
Acq On : 22 Aug 2011 12:53 pm
Operator :
Sample : 8260 STD 1.0 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 13:53:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	198267	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.150	114	299788	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	183726	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	196245	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	102255	31.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.08%				
49) TOLUENE SS	5.609	98	290583	24.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.60%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	153233	26.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.28%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	6660	1.54	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.879	51	7230	1.31	UG/L	#	89
5) CHLOROMETHANE	0.957	50	5116	4.20	UG/L		99
6) VINYL CHLORIDE	1.005	62	5023	1.43	UG/L	#	86
7) BROMOMETHANE	1.153	94	3374	1.55	UG/L		84
8) CHLOROETHANE	1.194	64	2249	1.40	UG/L	#	77
9) FLUORODICHLOROMETHANE	1.284	67	8534	1.63	UG/L		90
10) TRICHLOROFLUOROMETHANE	1.311	101	6996	1.65	UG/L		99
12) DI ETHYL ETHER	1.454	59	3092	1.32	UG/L		88
13) ACROLEIN	1.523	56	4448	12.94	UG/L		98
14) ACETONE	1.607	43	10622	13.13	UG/L		97
15) 1,1-DICHLOROETHENE	1.574	61	6465	1.35	UG/L	#	91
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	3648	1.29	UG/L		95
17) IODOMETHANE	1.657	142	53567	12.26	UG/L	#	100
20) METHYL ACETATE	1.788	43	5876	1.27	UG/L	#	88
21) T-BUTYL ALCOHOL	1.931	59	3803m	22.67	UG/L		
22) ACRYLONITRILE	2.011	53	1820m	1.57	UG/L		
23) METHYLENE CHLORIDE	1.847	49	9113	2.29	UG/L		97
24) CARBON DISULFIDE	1.694	76	107137	11.42	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	12925	1.39	UG/L		92
26) TRANS 1,2-DICHLOROETHENE	2.023	61	6288	1.42	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	8802	1.22	UG/L	#	98
28) VINYL ACETATE	2.377	43	84962	12.64	UG/L	#	100
29) DI ISOPROYL ETHER	2.385	45	14866	1.08	UG/L		98
31) 2-BUTANONE	2.870	43	18127	10.90	UG/L	#	59
32) T-BUTYL ETHYL ETHER	2.709	59	15242	1.17	UG/L	#	87
33) CIS-1,2-DICHLOROETHENE	2.834	61	8112	1.14	UG/L		89
34) 2,2-DICHLOROPROPANE	2.828	77	6135	1.63	UG/L	#	50
35) ETHYL ACETATE	2.940	43	6353	1.39	UG/L	#	69
38) BROMOCHLOROMETHANE	3.079	49	4060	1.12	UG/L	#	66
40) CHLOROFORM	3.177	83	9504	1.18	UG/L		96
41) 1,1,1-TRICHLOROETHANE	3.350	97	8126	1.33	UG/L	#	66
42) CYCLOHEXANE	3.389	56	10423m	1.66	UG/L		
43) CARBON TETRACHLORIDE	3.509	117	4284m	1.02	UG/L		
44) 1,1-DICHLOROPROPENE	3.523	75	6964	1.11	UG/L	#	90
45) BENZENE	3.729	78	17720	0.99	UG/L	#	93
47) T-AMYLMETHYL ETHER	3.869	73	12517m	1.11	UG/L		
50) 1,2-DICHLOROETHANE	3.760	62	7903	1.15	UG/L	#	77
51) TRICHLOROETHENE	4.390	95	5052	1.04	UG/L		92
52) METHYLCYCLOHEXANE	4.566	83	6078	0.95	UG/L		90
53) 1,2-DICHLOROPROPANE	4.616	63	4773m	0.99	UG/L		
54) DIBROMOMETHANE	4.728	93	3334	1.00	UG/L	#	76
57) BROMODICHLOROMETHANE	4.912	83	6523	1.01	UG/L	#	97

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234005.D
Acq On : 22 Aug 2011 12:53 pm
Operator :
Sample : 8260 STD 1.0 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 13:53:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

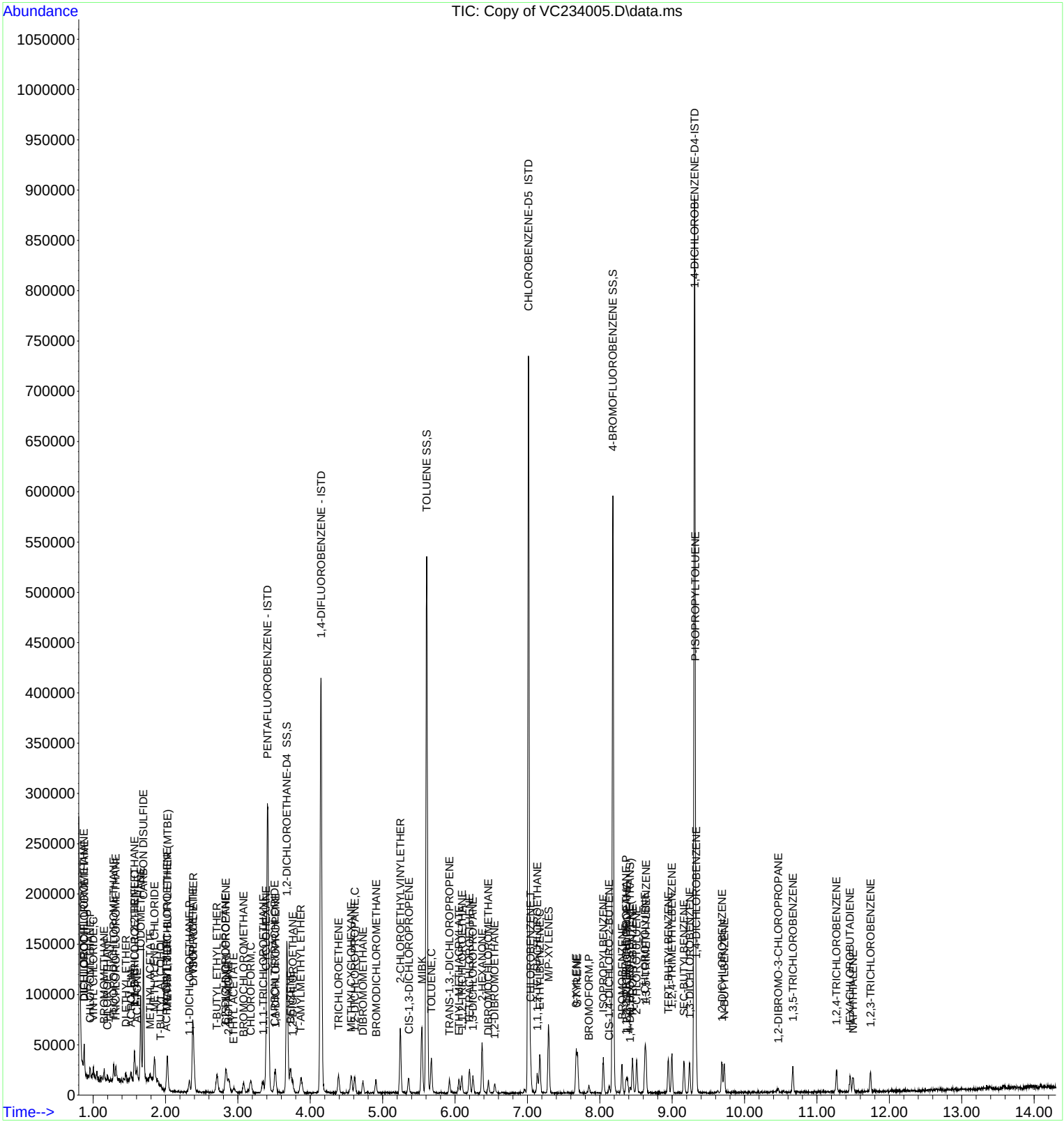
Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
58) 2-CHLOROETHYLVINYLETHER	5.243	63	21658	9.77 UG/L		94
59) MIBK	5.545	43	38410	9.86 UG/L	#	86
60) CIS-1,3-DICHLOROPROPENE	5.363	75	6160	0.91 UG/L		98
61) TOLUENE	5.673	91	19489	0.95 UG/L		95
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	5305	1.02 UG/L		95
63) ETHYL METHACRYLATE	6.055	69	5334	0.98 UG/L	#	81
64) 1,1,2-TRICHLOROETHANE	6.094	97	4295	0.95 UG/L		95
65) 2-HEXANONE	6.376	43	26512	10.60 UG/L		85
66) TETRACHLOROETHENE	6.200	166	5755	1.06 UG/L		93
67) 1,3-DICHLOROPROPANE	6.247	76	6690	0.94 UG/L		93
68) DIBROMOCHLOROMETHANE	6.459	129	4345	0.88 UG/L		96
69) 1,2-DIBROMOETHANE	6.546	107	4906	1.10 UG/L		92
72) CHLOROBENZENE	7.042	112	12798	0.79 UG/L		92
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	4108	0.77 UG/L		96
74) ETHYLBENZENE	7.170	91	23138	0.88 UG/L		91
75) M/P-XYLENES	7.293	91	34424	1.75 UG/L	#	100
76) 0-XYLENE	7.672	91	17766	0.84 UG/L		95
77) STYRENE	7.689	104	14170	0.81 UG/L		91
78) BROMOFORM	7.851	173	2868	0.65 UG/L	#	86
79) ISOPROPYLBENZENE	8.049	105	17852	0.83 UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	1289	1.04 UG/L	#	57
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	5322	0.79 UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	1193	0.86 UG/L	#	25
83) BROMOBENZENE	8.308	77	8759	0.84 UG/L		93
84) 1,2,3-TRICHLOROPROPANE	8.378	75	4572	0.92 UG/L		90
85) N-PROPYLBENZENE	8.453	91	22544	0.82 UG/L		96
86) 2-CHLOROT0LUENE	8.509	91	14629	0.81 UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	16295	0.81 UG/L		93
88) 4-CHLOROTOLUENE	8.623	91	16979	0.84 UG/L		96
90) TERT-BUTYLBENZENE	8.947	119	14304	0.94 UG/L		86
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	17298	0.89 UG/L		94
92) SEC-BUTYLBENZENE	9.161	105	18348	0.85 UG/L		98
93) 1,3-DICHLOROBENZENE	9.242	146	10438	0.83 UG/L		98
94) P-ISOPROPYLTOLUENE	9.320	119	14865	0.86 UG/L	#	89
95) 1,4-DICHLOROBENZENE	9.332	146	11149	0.84 UG/L	#	92
96) N-BUTYLBENZENE	9.722	91	14090	0.96 UG/L		91
97) 1,2-DICHLOROBENZENE	9.689	146	9903	0.81 UG/L	#	93
98) 1,2-DIBROMO-3-CHLOROPR...	10.467	75	691m	0.82 UG/L		
99) 1,3,5-TRICHLOROBENZENE	10.667	180	6699	0.86 UG/L		95
100) 1,2,4-TRICHLOROBENZENE	11.270	180	5490	1.63 UG/L		87
101) HEXACHLOROBUTADIENE	11.457	225	3174	1.16 UG/L	#	84
102) NAPHTHALENE	11.501	128	10255	3.90 UG/L	#	92
103) 1,2,3-TRICHLOROBENZENE	11.741	180	5345	0.27 UG/L		88

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234005.D
Acq On : 22 Aug 2011 12:53 pm
Operator :
Sample : 8260 STD 1.0 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 13:53:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234006.D
Acq On : 22 Aug 2011 1:23 pm
Operator :
Sample : 8260 STD 2.0 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 13:56:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	202009	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	307181	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	190771	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	208555	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	104736	31.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.72%				
49) TOLUENE SS	5.609	98	309177	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	156884	25.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	13650	3.09	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	14462	2.57	UG/L		92
5) CHLOROMETHANE	0.955	50	10004	5.20	UG/L		97
6) VINYL CHLORIDE	1.005	62	10307	2.88	UG/L	#	87
7) BROMOMETHANE	1.150	94	6338	2.85	UG/L		97
8) CHLOROETHANE	1.197	64	5369	3.29	UG/L		91
9) FLUORODICHLOROMETHANE	1.284	67	16699	3.13	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.311	101	14126	3.28	UG/L		97
12) DI ETHYL ETHER	1.454	59	5283	2.21	UG/L		96
13) ACROLEIN	1.523	56	7818	22.33	UG/L		100
14) ACETONE	1.604	43	23002	27.90	UG/L		90
15) 1,1-DICHLOROETHENE	1.574	61	12742	2.62	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	7559	2.62	UG/L		99
17) IODOMETHANE	1.657	142	115235	25.88	UG/L	#	100
20) METHYL ACETATE	1.791	43	12074	2.57	UG/L	#	81
21) T-BUTYL ALCOHOL	1.931	59	7647	44.74	UG/L	#	83
22) ACRYLONITRILE	2.017	53	3670m	3.11	UG/L		
23) METHYLENE CHLORIDE	1.850	49	13502	3.33	UG/L		98
24) CARBON DISULFIDE	1.696	76	220591	23.07	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	28028	2.96	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.025	61	13055	2.90	UG/L		94
27) 1,1-DICHLOROETHANE	2.332	63	17040	2.32	UG/L		99
28) VINYL ACETATE	2.380	43	175781	25.67	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	30593	2.17	UG/L		96
31) 2-BUTANONE	2.873	43	37835	22.34	UG/L	#	97
32) T-BUTYL ETHYL ETHER	2.711	59	32057	2.42	UG/L	#	90
33) CIS-1,2-DICHLOROETHENE	2.837	61	15871	2.18	UG/L		99
34) 2,2-DICHLOROPROPANE	2.828	77	12200	3.17	UG/L		91
35) ETHYL ACETATE	2.943	43	11073	2.38	UG/L	#	90
38) BROMOCHLOROMETHANE	3.082	49	8116	2.20	UG/L	#	81
39) TETRAHYDROFURAN	3.141	42	2659m	2.30	UG/L		
40) CHLOROFORM	3.180	83	19237	2.34	UG/L		96
41) 1,1,1-TRICHLOROETHANE	3.339	97	15924	2.56	UG/L	#	88
42) CYCLOHEXANE	3.400	56	16292m	2.54	UG/L		
43) CARBON TETRACHLORIDE	3.509	117	9300	2.18	UG/L		96
44) 1,1-DICHLOROPROPENE	3.514	75	13728	2.16	UG/L	#	80
45) BENZENE	3.726	78	36403	2.00	UG/L	#	84
47) T-AMYLMETHYL ETHER	3.871	73	25913	2.25	UG/L		95
50) 1,2-DICHLOROETHANE	3.760	62	16240	2.30	UG/L		97
51) TRICHLOROETHENE	4.390	95	10298	2.08	UG/L		92
52) METHYLCYCLOHEXANE	4.563	83	13128	2.00	UG/L		92
53) 1,2-DICHLOROPROPANE	4.610	63	9204	1.87	UG/L	#	95
54) DIBROMOMETHANE	4.725	93	7049	2.07	UG/L		93

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234006.D
Acq On : 22 Aug 2011 1:23 pm
Operator :
Sample : 8260 STD 2.0 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 13:56:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

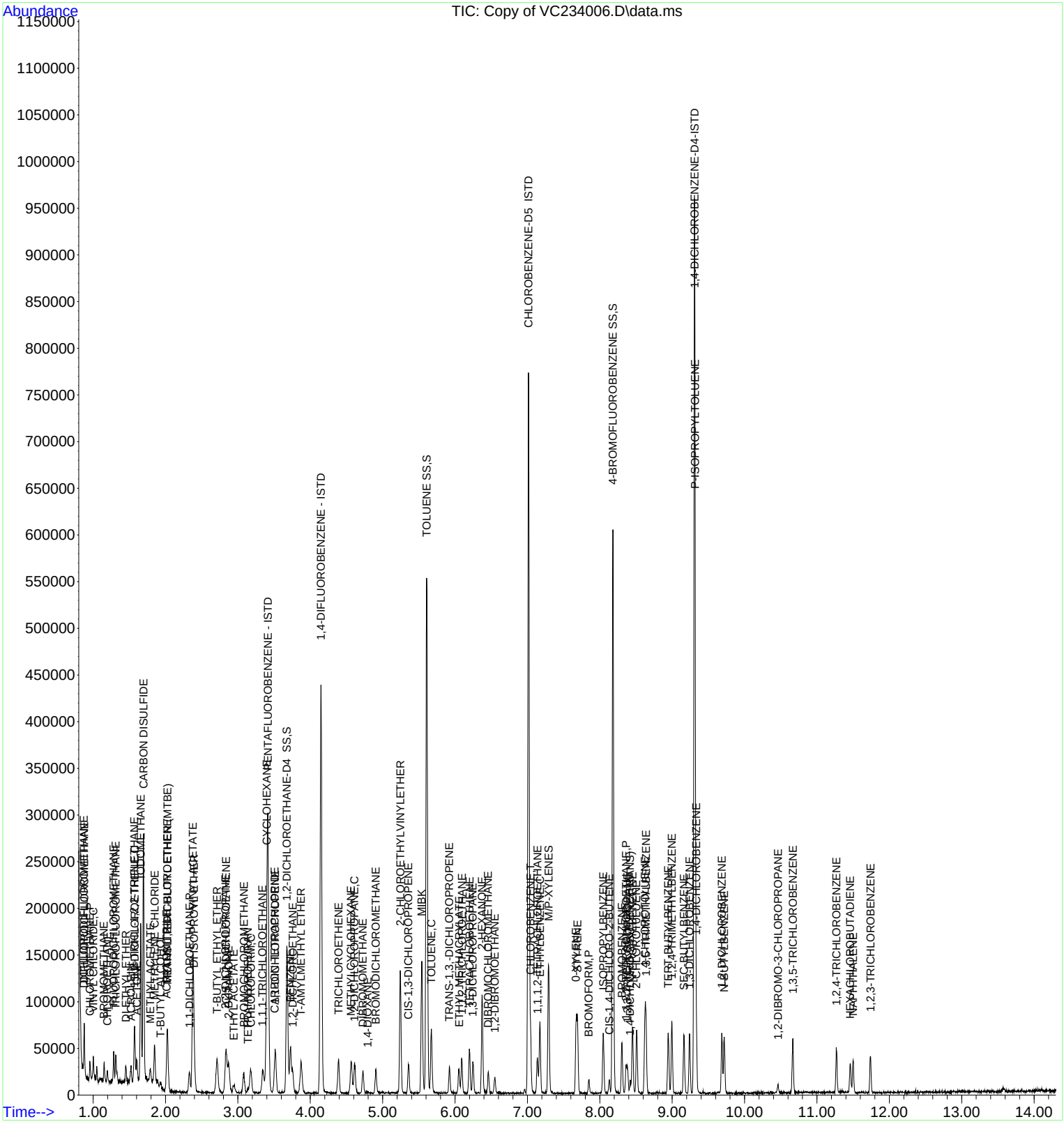
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.792	88	744m	22.79	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	13133	1.98	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.243	63	46881	20.65	UG/L		100
59) MIBK	5.539	43	81309	20.37	UG/L	#	85
60) CIS-1,3-DICHLOROPROPENE	5.355	75	14571	2.09	UG/L		98
61) TOLUENE	5.673	91	38875	1.86	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	11469	2.15	UG/L		95
63) ETHYL METHACRYLATE	6.058	69	11110	2.00	UG/L		97
64) 1,1,2-TRICHLOROETHANE	6.094	97	8757	1.89	UG/L		99
65) 2-HEXANONE	6.373	43	56443	22.02	UG/L		88
66) TETRACHLOROETHENE	6.203	166	11308	2.04	UG/L		93
67) 1,3-DICHLOROPROPANE	6.245	76	14559	2.00	UG/L		99
68) DIBROMOCHLOROMETHANE	6.457	129	8774	1.74	UG/L		99
69) 1,2-DIBROMOETHANE	6.549	107	9553	2.09	UG/L		98
72) CHLOROBENZENE	7.042	112	26494	1.58	UG/L		96
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	8336	1.51	UG/L		99
74) ETHYLBENZENE	7.173	91	44617	1.63	UG/L		93
75) M/P-XYLENES	7.293	91	70788	3.47	UG/L	#	100
76) 0-XYLENE	7.670	91	36836	1.69	UG/L		95
77) STYRENE	7.692	104	27967	1.55	UG/L		88
78) BROMOFORM	7.848	173	5234	1.15	UG/L	#	93
79) ISOPROPYLBENZENE	8.049	105	35550	1.59	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.132	53	2563m	2.00	UG/L		
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	11164	1.60	UG/L	#	98
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	2469	1.72	UG/L		97
83) BROMOBENZENE	8.305	77	18047	1.67	UG/L		97
84) 1,2,3-TRICHLOROPROPANE	8.383	75	8712	1.69	UG/L		99
85) N-PROPYLBENZENE	8.453	91	46653	1.64	UG/L		94
86) 2-CHLOROT0LUENE	8.506	91	32339	1.72	UG/L		95
87) 1,3,5-TRIMETHYLBENZENE	8.640	105	34425	1.64	UG/L		93
88) 4-CHLOROTOLUENE	8.623	91	35224	1.67	UG/L		96
90) TERT-BUTYLBENZENE	8.944	119	27093	1.67	UG/L		94
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	34926	1.69	UG/L		97
92) SEC-BUTYLBENZENE	9.161	105	36879	1.61	UG/L		100
93) 1,3-DICHLOROBENZENE	9.240	146	22644	1.70	UG/L		96
94) P-ISOPROPYLTOLUENE	9.318	119	31746	1.73	UG/L	#	93
95) 1,4-DICHLOROBENZENE	9.332	146	22798	1.62	UG/L	#	91
96) N-BUTYLBENZENE	9.719	91	28681	1.84	UG/L		97
97) 1,2-DICHLOROBENZENE	9.686	146	21136	1.62	UG/L		95
98) 1,2-DIBROMO-3-CHLOROPR...	10.464	75	1534	1.72	UG/L	#	72
99) 1,3,5-TRICHLOROBENZENE	10.667	180	15255	1.85	UG/L		97
100) 1,2,4-TRICHLOROBENZENE	11.270	180	11931	2.40	UG/L		99
101) HEXACHLOROBUTADIENE	11.459	225	6273	2.17	UG/L	#	84
102) NAPHTHALENE	11.501	128	21863	4.58	UG/L	#	96
103) 1,2,3-TRICHLOROBENZENE	11.741	180	10878	1.15	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234006.D
Acq On : 22 Aug 2011 1:23 pm
Operator :
Sample : 8260 STD 2.0 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 13:56:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234007.D
Acq On : 22 Aug 2011 1:53 pm
Operator :
Sample : 8260 STD 5.0 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 22 14:16:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	198922	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	303268	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	191149	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	205446	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	106287	32.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.56%				
49) TOLUENE SS	5.609	98	302059	25.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	152535	25.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	34797	8.00	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.879	51	35452	6.41	UG/L	#	90
5) CHLOROMETHANE	0.954	50	24174	8.23	UG/L		95
6) VINYL CHLORIDE	1.002	62	26468	7.51	UG/L		97
7) BROMOMETHANE	1.152	94	15937	7.27	UG/L		90
8) CHLOROETHANE	1.194	64	12795	7.96	UG/L		97
9) FLUORODICHLOROMETHANE	1.286	67	39166	7.45	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.314	101	35003	8.24	UG/L		100
12) DI ETHYL ETHER	1.451	59	13640	5.79	UG/L		94
13) ACROLEIN	1.521	56	19910	57.75	UG/L		88
14) ACETONE	1.604	43	52462	64.63	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	31604	6.59	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	17817	6.28	UG/L		94
17) IODOMETHANE	1.657	142	304561	69.46	UG/L	#	100
20) METHYL ACETATE	1.786	43	27496	5.94	UG/L		99
21) T-BUTYL ALCOHOL	1.928	59	18112	107.62	UG/L	#	97
22) ACRYLONITRILE	2.017	53	7789	6.71	UG/L		95
23) METHYLENE CHLORIDE	1.850	49	29765	7.44	UG/L		97
24) CARBON DISULFIDE	1.696	76	560861	59.56	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	72011	7.74	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	33004	7.44	UG/L		94
27) 1,1-DICHLOROETHANE	2.329	63	42353	5.85	UG/L		99
28) VINYL ACETATE	2.377	43	446261	66.19	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	75700	5.46	UG/L		98
31) 2-BUTANONE	2.873	43	94161	56.45	UG/L		97
32) T-BUTYL ETHYL ETHER	2.714	59	81459	6.24	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	40679	5.68	UG/L		91
34) 2,2-DICHLOROPROPANE	2.837	77	29525	7.80	UG/L		97
35) ETHYL ACETATE	2.940	43	24522	5.35	UG/L	#	90
38) BROMOCHLOROMETHANE	3.082	49	20007	5.50	UG/L		97
39) TETRAHYDROFURAN	3.138	42	5707	5.01	UG/L	#	72
40) CHLOROFORM	3.177	83	48666	6.00	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	41633	6.79	UG/L		98
42) CYCLOHEXANE	3.389	56	36948	5.86	UG/L		97
43) CARBON TETRACHLORIDE	3.514	117	27208	6.49	UG/L		98
44) 1,1-DICHLOROPROPENE	3.514	75	34769	5.55	UG/L		97
45) BENZENE	3.724	78	92828	5.18	UG/L		97
47) T-AMYLMETHYL ETHER	3.874	73	65486	5.76	UG/L		97
50) 1,2-DICHLOROETHANE	3.757	62	40381	5.79	UG/L		98
51) TRICHLOROETHENE	4.387	95	27024	5.52	UG/L		91
52) METHYLCYCLOHEXANE	4.566	83	32682	5.05	UG/L		93
53) 1,2-DICHLOROPROPANE	4.616	63	23292	4.78	UG/L	#	93
54) DIBROMOMETHANE	4.728	93	17477	5.20	UG/L		93

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234007.D
Acq On : 22 Aug 2011 1:53 pm
Operator :
Sample : 8260 STD 5.0 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 22 14:16:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

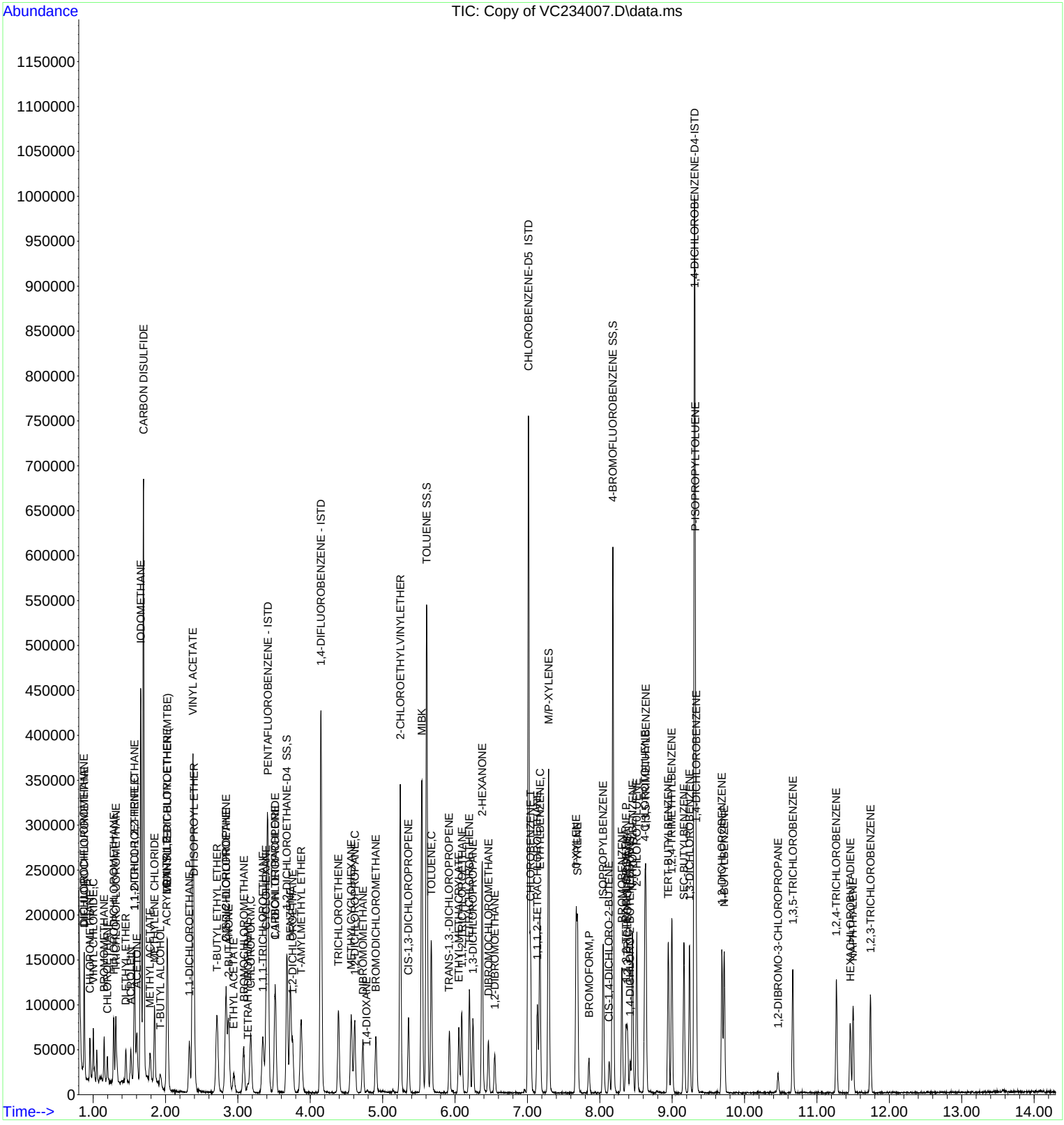
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,4-DIOXANE	4.775	88	1324m	41.07	UG/L		
57)	BROMODICHLOROMETHANE	4.906	83	34132	5.21	UG/L		100
58)	2-CHLOROETHYLVINYLETHER	5.243	63	118279	52.76	UG/L		97
59)	MIBK	5.542	43	204616	51.92	UG/L	#	83
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	35463	5.16	UG/L		99
61)	TOLUENE	5.670	91	99904	4.83	UG/L		98
62)	TRANS-1,3,-DICHLOROPRO...	5.918	75	30066	5.70	UG/L		96
63)	ETHYL METHACRYLATE	6.052	69	27220	4.96	UG/L		95
64)	1,1,2-TRICHLOROETHANE	6.094	97	22411	4.90	UG/L		95
65)	2-HEXANONE	6.376	43	141994	56.11	UG/L		86
66)	TETRACHLOROETHENE	6.197	166	27330	4.99	UG/L		98
67)	1,3-DICHLOROPROPANE	6.247	76	35483	4.94	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.462	129	24047	4.83	UG/L		97
69)	1,2-DIBROMOETHANE	6.548	107	23484	5.21	UG/L		96
72)	CHLOROBENZENE	7.042	112	66307	3.95	UG/L		92
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	22268	4.02	UG/L		94
74)	ETHYLBENZENE	7.173	91	116075	4.22	UG/L		94
75)	M/P-XYLENES	7.293	91	183183	8.95	UG/L	#	100
76)	0-XYLENE	7.672	91	90684	4.14	UG/L		95
77)	STYRENE	7.692	104	70900	3.92	UG/L		90
78)	BROMOFORM	7.854	173	15009	3.29	UG/L		97
79)	ISOPROPYLBENZENE	8.046	105	90509	4.04	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.124	53	6289	4.89	UG/L	#	86
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	27301	3.90	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	6334	4.40	UG/L		100
83)	BROMOBENZENE	8.305	77	44813	4.14	UG/L		96
84)	1,2,3-TRICHLOROPROPANE	8.383	75	21977	4.24	UG/L		98
85)	N-PROPYLBENZENE	8.453	91	120727	4.24	UG/L		93
86)	2-CHLOROT0LUENE	8.512	91	78445	4.16	UG/L		95
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	86338	4.11	UG/L		98
88)	4-CHLOROTOLUENE	8.623	91	92295	4.38	UG/L		93
90)	TERT-BUTYLBENZENE	8.944	119	69460	4.34	UG/L		90
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	89098	4.37	UG/L		96
92)	SEC-BUTYLBENZENE	9.164	105	95797	4.25	UG/L		98
93)	1,3-DICHLOROBENZENE	9.240	146	55311	4.22	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.320	119	78791	4.35	UG/L	#	93
95)	1,4-DICHLOROBENZENE	9.332	146	57345	4.13	UG/L		96
96)	N-BUTYLBENZENE	9.719	91	72825	4.74	UG/L		95
97)	1,2-DICHLOROBENZENE	9.686	146	53730	4.18	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.464	75	4235	4.81	UG/L		83
99)	1,3,5-TRICHLOROBENZENE	10.667	180	36404	4.48	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.267	180	34062	5.26	UG/L		97
101)	HEXACHLOROBUTADIENE	11.462	225	14512	5.08	UG/L		96
102)	NAPHTHALENE	11.498	128	60576	7.01	UG/L	#	98
103)	1,2,3-TRICHLOROBENZENE	11.741	180	28177	4.15	UG/L		97

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234007.D
Acq On : 22 Aug 2011 1:53 pm
Operator :
Sample : 8260 STD 5.0 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 22 14:16:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234008.D
Acq On : 22 Aug 2011 2:23 pm
Operator :
Sample : 8260 STD 10 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 14:56:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	198093	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	307246	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	191816	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	202155	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	104099	31.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 127.44%				
49) TOLUENE SS	5.609	98	299996	24.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.32%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	154143	25.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.44%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	70660	16.32	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.879	51	73572	13.35	UG/L		94
5) CHLOROMETHANE	0.955	50	51100	13.98	UG/L		97
6) VINYL CHLORIDE	1.002	62	54443	15.52	UG/L		99
7) BROMOMETHANE	1.153	94	32312	14.81	UG/L		98
8) CHLOROETHANE	1.194	64	23756	14.85	UG/L		96
9) FLUORODICHLOROMETHANE	1.286	67	81391	15.55	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	72969	17.26	UG/L		97
12) DI ETHYL ETHER	1.451	59	27649	11.78	UG/L		99
13) ACROLEIN	1.521	56	39068	113.78	UG/L		98
14) ACETONE	1.604	43	107195	132.61	UG/L		94
15) 1,1-DICHLOROETHENE	1.574	61	64812	13.58	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	36530	12.92	UG/L		97
17) IODOMETHANE	1.657	142	642060	147.04	UG/L	#	100
20) METHYL ACETATE	1.788	43	59835	12.98	UG/L		98
21) T-BUTYL ALCOHOL	1.928	59	37282	222.46	UG/L	#	100
22) ACRYLONITRILE	2.011	53	16152	13.98	UG/L		99
23) METHYLENE CHLORIDE	1.850	49	57509	14.44	UG/L		96
24) CARBON DISULFIDE	1.694	76	1170730	124.85	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	151067	16.30	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.023	61	70091	15.87	UG/L		94
27) 1,1-DICHLOROETHANE	2.327	63	90290	12.53	UG/L		99
28) VINYL ACETATE	2.377	43	946150	140.92	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	165070	11.95	UG/L		99
31) 2-BUTANONE	2.873	43	190844	114.89	UG/L		97
32) T-BUTYL ETHYL ETHER	2.711	59	170429	13.12	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	84572	11.87	UG/L		91
34) 2,2-DICHLOROPROPANE	2.829	77	63839	16.94	UG/L		96
35) ETHYL ACETATE	2.940	43	49271	10.79	UG/L	#	92
38) BROMOCHLOROMETHANE	3.077	49	40811	11.26	UG/L		98
39) TETRAHYDROFURAN	3.132	42	11862	10.46	UG/L		97
40) CHLOROFORM	3.177	83	100643	12.46	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.344	97	88458	14.49	UG/L		97
42) CYCLOHEXANE	3.392	56	70346	11.20	UG/L		98
43) CARBON TETRACHLORIDE	3.509	117	59753	14.31	UG/L		100
44) 1,1-DICHLOROPROPENE	3.520	75	69579	11.15	UG/L		97
45) BENZENE	3.726	78	193384	10.83	UG/L		98
47) T-AMYLMETHYL ETHER	3.871	73	140735	12.44	UG/L		98
50) 1,2-DICHLOROETHANE	3.754	62	86179	12.20	UG/L	#	88
51) TRICHLOROETHENE	4.390	95	55036	11.09	UG/L		91
52) METHYLCYCLOHEXANE	4.566	83	65120	9.93	UG/L		94
53) 1,2-DICHLOROPROPANE	4.613	63	49242	9.98	UG/L	#	95
54) DIBROMOMETHANE	4.722	93	35404	10.39	UG/L		97

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234008.D
Acq On : 22 Aug 2011 2:23 pm
Operator :
Sample : 8260 STD 10 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 14:56:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

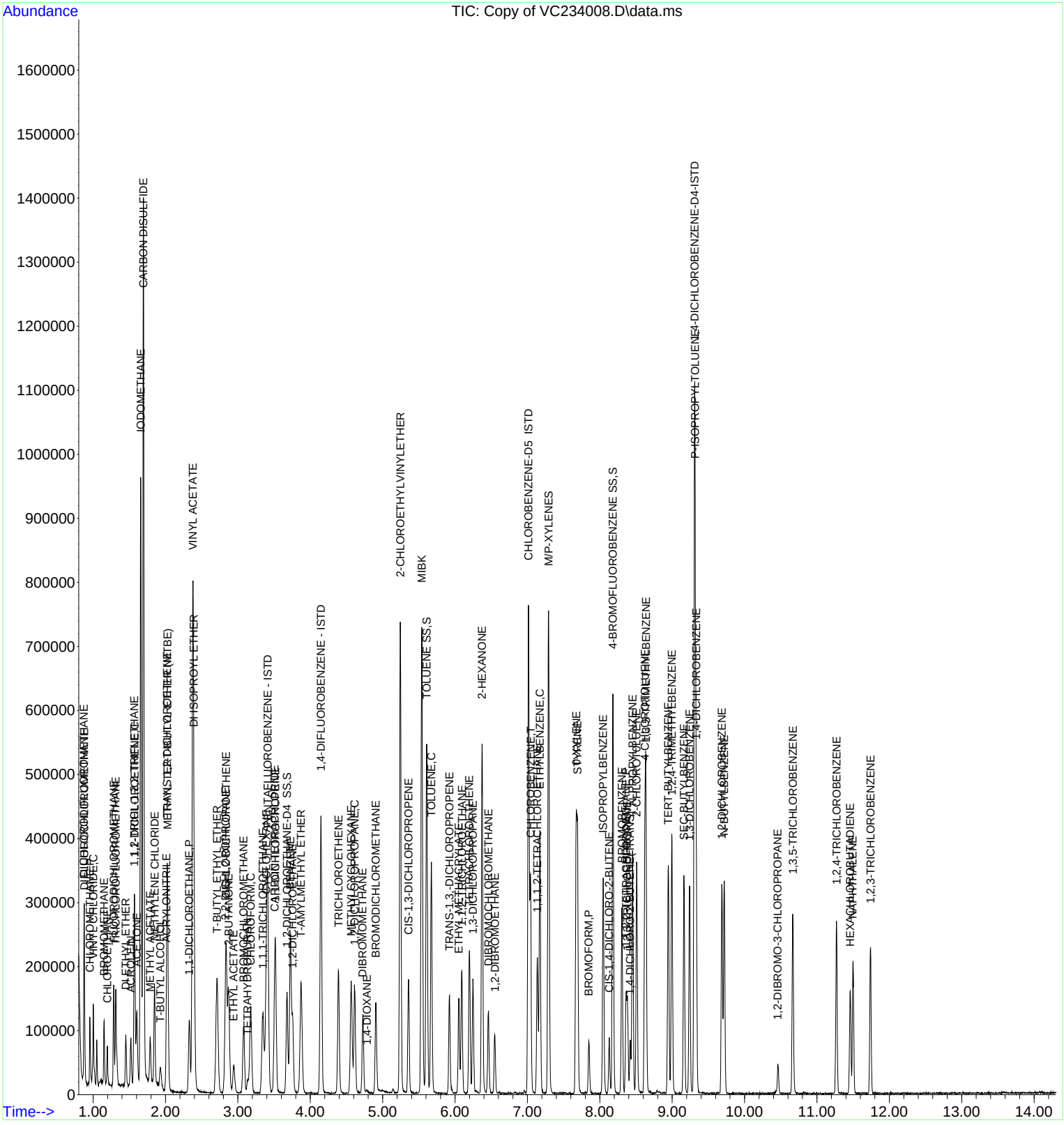
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.783	88	3844m	117.71 UG/L	
57) BROMODICHLOROMETHANE	4.906	83	73173	11.02 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.243	63	252664	111.24 UG/L	98
59) MIBK	5.542	43	423325	106.03 UG/L #	85
60) CIS-1,3-DICHLOROPROPENE	5.358	75	78865	11.32 UG/L	96
61) TOLUENE	5.673	91	209661	10.01 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	64545	12.07 UG/L	95
63) ETHYL METHACRYLATE	6.052	69	59290	10.66 UG/L	97
64) 1,1,2-TRICHLOROETHANE	6.094	97	47698	10.29 UG/L	95
65) 2-HEXANONE	6.373	43	296083	115.49 UG/L	88
66) TETRACHLOROETHENE	6.197	166	56858	10.24 UG/L	97
67) 1,3-DICHLOROPROPANE	6.247	76	74607	10.25 UG/L	99
68) DIBROMOCHLOROMETHANE	6.462	129	52154	10.35 UG/L	100
69) 1,2-DIBROMOETHANE	6.551	107	49457	10.82 UG/L	98
72) CHLOROBENZENE	7.045	112	139117	8.25 UG/L	94
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	47768	8.60 UG/L	98
74) ETHYLBENZENE	7.170	91	243063	8.82 UG/L	93
75) M/P-XYLENES	7.293	91	379483	18.48 UG/L #	100
76) 0-XYLENE	7.675	91	195133	8.89 UG/L	93
77) STYRENE	7.692	104	150026	8.26 UG/L	87
78) BROMOFORM	7.848	173	31891	6.96 UG/L #	99
79) ISOPROPYLBENZENE	8.046	105	187114	8.33 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	13775	10.68 UG/L #	86
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	58741	8.37 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	14616	10.12 UG/L	94
83) BROMOBENZENE	8.305	77	93397	8.59 UG/L	98
84) 1,2,3-TRICHLOROPROPANE	8.381	75	45088	8.67 UG/L	100
85) N-PROPYLBENZENE	8.453	91	256140	8.96 UG/L	93
86) 2-CHLOROT0LUENE	8.509	91	164080	8.68 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	183409	8.70 UG/L	97
88) 4-CHLOROTOLUENE	8.623	91	189061	8.94 UG/L	94
90) TERT-BUTYLBENZENE	8.944	119	146128	9.29 UG/L	91
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	187845	9.36 UG/L	95
92) SEC-BUTYLBENZENE	9.164	105	201780	9.10 UG/L	97
93) 1,3-DICHLOROBENZENE	9.240	146	114018	8.84 UG/L	98
94) P-ISOPROPYLTOLUENE	9.318	119	166580	9.35 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	119302	8.72 UG/L	97
96) N-BUTYLBENZENE	9.719	91	156272	10.33 UG/L	95
97) 1,2-DICHLOROBENZENE	9.686	146	113403	8.96 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	8898	10.28 UG/L #	83
99) 1,3,5-TRICHLOROBENZENE	10.667	180	78134	9.77 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.273	180	69998	10.02 UG/L	99
101) HEXACHLOROBUTADIENE	11.459	225	29972	10.67 UG/L	94
102) NAPHTHALENE	11.496	128	134931	11.80 UG/L	98
103) 1,2,3-TRICHLOROBENZENE	11.741	180	61865	10.13 UG/L	97

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234008.D
Acq On : 22 Aug 2011 2:23 pm
Operator :
Sample : 8260 STD 10 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 14:56:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234009.D
Acq On : 22 Aug 2011 2:53 pm
Operator :
Sample : 8260 STD 20 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 15:10:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	197205	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	303938	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	185029	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	199796	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	105163	32.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.32%				
49) TOLUENE SS	5.609	98	302245	25.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	155100	26.45	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	141999	32.94	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	151527	27.62	UG/L		95
5) CHLOROMETHANE	0.955	50	105634	25.67	UG/L		98
6) VINYL CHLORIDE	1.002	62	107832	30.88	UG/L		100
7) BROMOMETHANE	1.150	94	63697	29.33	UG/L		98
8) CHLOROETHANE	1.194	64	48370	30.37	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	161243	30.95	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	144184	34.26	UG/L		97
12) DI ETHYL ETHER	1.454	59	56439	24.15	UG/L		96
13) ACROLEIN	1.521	56	80260	234.81	UG/L		95
14) ACETONE	1.604	43	211091	262.32	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	129897	27.34	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	73478	26.11	UG/L		97
17) IODOMETHANE	1.657	142	1298154	298.64	UG/L	#	100
20) METHYL ACETATE	1.788	43	116996	25.49	UG/L		98
21) T-BUTYL ALCOHOL	1.931	59	72583	435.04	UG/L		97
22) ACRYLONITRILE	2.011	53	32501	28.25	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	109018	27.50	UG/L		98
24) CARBON DISULFIDE	1.694	76	2335604	250.20	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	301363	32.65	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.023	61	140069	31.85	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	181298	25.28	UG/L		99
28) VINYL ACETATE	2.377	43	1931835	289.03	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	330718	24.06	UG/L		99
31) 2-BUTANONE	2.870	43	385253	232.97	UG/L		98
32) T-BUTYL ETHYL ETHER	2.711	59	345847	26.74	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	170251	24.00	UG/L		91
34) 2,2-DICHLOROPROPANE	2.834	77	133633	35.61	UG/L		96
35) ETHYL ACETATE	2.940	43	101387	22.30	UG/L		99
38) BROMOCHLOROMETHANE	3.077	49	83246	23.08	UG/L		97
39) TETRAHYDROFURAN	3.135	42	22719	20.12	UG/L		95
40) CHLOROFORM	3.180	83	204912	25.48	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	180584	29.71	UG/L		99
42) CYCLOHEXANE	3.389	56	141301	22.59	UG/L		99
43) CARBON TETRACHLORIDE	3.509	117	128538	30.92	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	144296	23.22	UG/L		96
45) BENZENE	3.726	78	389888	21.93	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	282690	25.10	UG/L		99
50) 1,2-DICHLOROETHANE	3.757	62	170606	24.42	UG/L		96
51) TRICHLOROETHENE	4.387	95	110340	22.48	UG/L		94
52) METHYLCYCLOHEXANE	4.566	83	132045	20.35	UG/L		94
53) 1,2-DICHLOROPROPANE	4.613	63	96574	19.79	UG/L	#	95
54) DIBROMOMETHANE	4.728	93	68559	20.35	UG/L		97

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234009.D
Acq On : 22 Aug 2011 2:53 pm
Operator :
Sample : 8260 STD 20 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 15:10:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

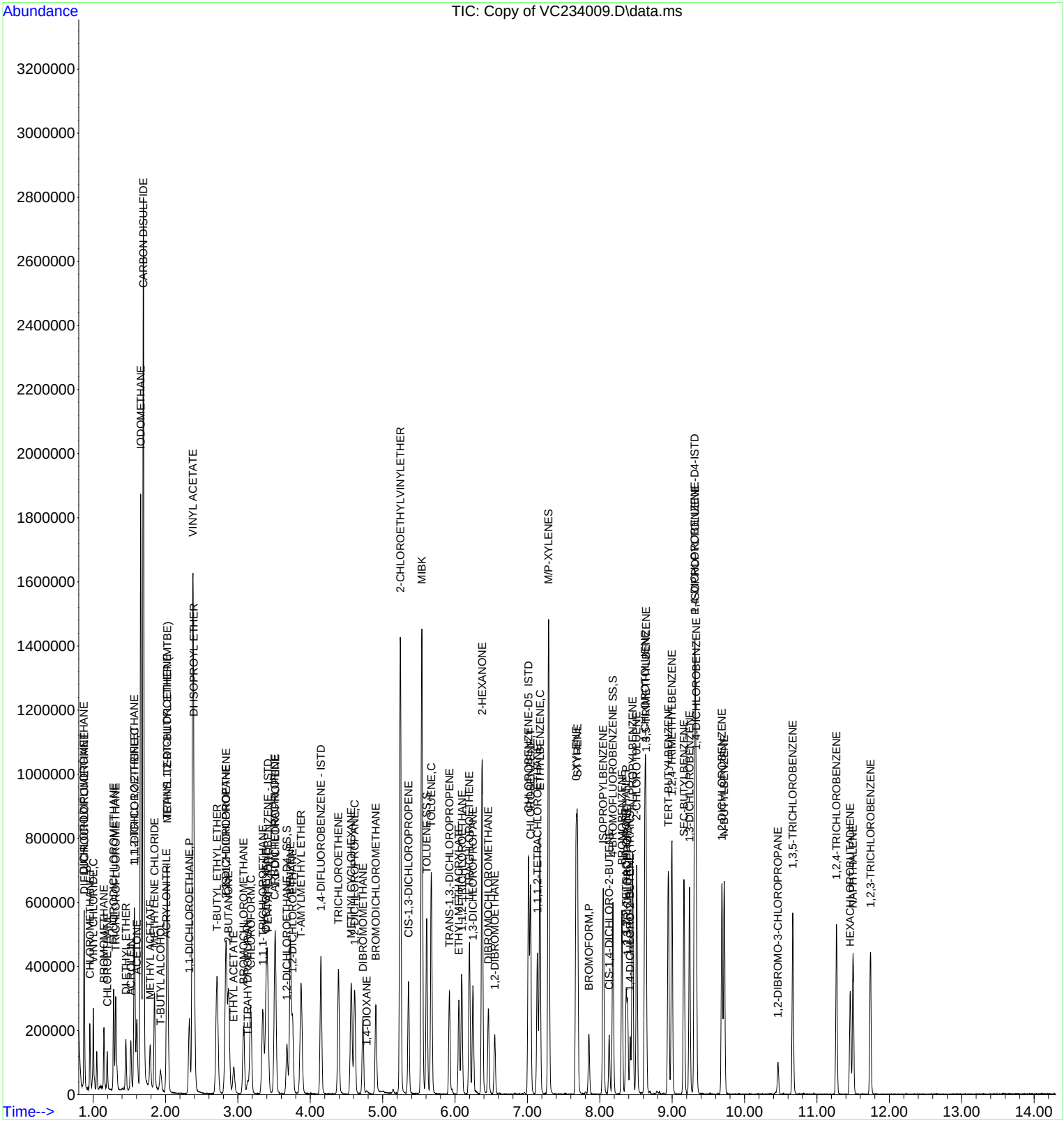
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.781	88	7404m	229.19 UG/L	
57) BROMODICHLOROMETHANE	4.906	83	151863	23.12 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.243	63	506249	225.32 UG/L	98
59) MIBK	5.542	43	837750	212.11 UG/L #	85
60) CIS-1,3-DICHLOROPROPENE	5.358	75	158328	22.98 UG/L	97
61) TOLUENE	5.670	91	417507	20.15 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	138292	26.15 UG/L	93
63) ETHYL METHACRYLATE	6.052	69	117218	21.30 UG/L	97
64) 1,1,2-TRICHLOROETHANE	6.094	97	91321	19.92 UG/L	98
65) 2-HEXANONE	6.376	43	582469	229.68 UG/L	88
66) TETRACHLOROETHENE	6.197	166	115915	21.10 UG/L	97
67) 1,3-DICHLOROPROPANE	6.247	76	152684	21.21 UG/L	99
68) DIBROMOCHLOROMETHANE	6.459	129	111857	22.43 UG/L	100
69) 1,2-DIBROMOETHANE	6.549	107	97290	21.52 UG/L	99
72) CHLOROBENZENE	7.042	112	274612	16.88 UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	98791	18.45 UG/L	99
74) ETHYLBENZENE	7.173	91	479590	18.03 UG/L	94
75) M/P-XYLENES	7.290	91	745395	37.62 UG/L #	100
76) 0-XYLENE	7.672	91	396382	18.72 UG/L	94
77) STYRENE	7.692	104	299708	17.11 UG/L	88
78) BROMOFORM	7.851	173	69283	15.67 UG/L #	99
79) ISOPROPYLBENZENE	8.046	105	375401	17.32 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	28971	23.28 UG/L	86
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	118079	17.45 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	29385	21.09 UG/L	98
83) BROMOBENZENE	8.305	77	187548	17.88 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.383	75	90226	18.00 UG/L	97
85) N-PROPYLBENZENE	8.453	91	518958	18.82 UG/L	93
86) 2-CHLOROT0LUENE	8.509	91	329389	18.07 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	372410	18.30 UG/L	95
88) 4-CHLOROTOLUENE	8.623	91	382257	18.74 UG/L	93
90) TERT-BUTYLBENZENE	8.947	119	293978	18.91 UG/L	92
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	372905	18.80 UG/L	97
92) SEC-BUTYLBENZENE	9.164	105	402245	18.36 UG/L	98
93) 1,3-DICHLOROBENZENE	9.240	146	232170	18.22 UG/L	98
94) P-ISOPROPYLTOLUENE	9.318	119	334650	19.00 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	234701	17.36 UG/L	98
96) N-BUTYLBENZENE	9.719	91	308321	20.62 UG/L	96
97) 1,2-DICHLOROBENZENE	9.686	146	224677	17.96 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	18289	21.38 UG/L	87
99) 1,3,5-TRICHLOROBENZENE	10.665	180	155488	19.67 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.270	180	139532	19.30 UG/L	99
101) HEXACHLOROBUTADIENE	11.459	225	60658	21.85 UG/L	99
102) NAPHTHALENE	11.498	128	280615	21.26 UG/L #	98
103) 1,2,3-TRICHLOROBENZENE	11.741	180	122411	20.97 UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234009.D
Acq On : 22 Aug 2011 2:53 pm
Operator :
Sample : 8260 STD 20 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 15:10:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234010.D
Acq On : 22 Aug 2011 3:23 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 23 07:27:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	201623	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.151	114	312434	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	191831	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	213041	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	108822	32.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.88%#				
49) TOLUENE SS	5.609	98	318957	25.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.80%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	162214	26.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	295659	67.07	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	348195	62.07	UG/L		96
5) CHLOROMETHANE	0.955	50	262826	58.01	UG/L		98
6) VINYL CHLORIDE	1.002	62	259193	72.60	UG/L		99
7) BROMOMETHANE	1.150	94	175686	79.12	UG/L		98
8) CHLOROETHANE	1.195	64	119030	73.10	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	414642	77.85	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.312	101	355050	82.51	UG/L		99
12) DI ETHYL ETHER	1.454	59	146527	61.33	UG/L		97
13) ACROLEIN	1.524	56	200582	573.96	UG/L		97
14) ACETONE	1.604	43	538839	654.94	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	329482	67.82	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	182477	63.43	UG/L		98
17) IODOMETHANE	1.657	142	3229956	726.76	UG/L	#	100
20) METHYL ACETATE	1.789	43	303341	64.65	UG/L		98
21) T-BUTYL ALCOHOL	1.928	59	188654	1105.96	UG/L		97
22) ACRYLONITRILE	2.012	53	85747	72.90	UG/L		99
23) METHYLENE CHLORIDE	1.847	49	279756	69.03	UG/L		97
24) CARBON DISULFIDE	1.694	76	5551814	581.69	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	771697	81.79	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	359021	79.85	UG/L		92
27) 1,1-DICHLOROETHANE	2.330	63	469904	64.09	UG/L		100
28) VINYL ACETATE	2.380	43	4913878	719.07	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	837898	59.61	UG/L		99
31) 2-BUTANONE	2.871	43	990956	586.11	UG/L		98
32) T-BUTYL ETHYL ETHER	2.709	59	893451	67.57	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.840	61	440735	60.76	UG/L		91
34) 2,2-DICHLOROPROPANE	2.831	77	345453	90.04	UG/L		95
35) ETHYL ACETATE	2.943	43	240086	51.66	UG/L		99
38) BROMOCHLOROMETHANE	3.080	49	216149	58.60	UG/L		95
39) TETRAHYDROFURAN	3.138	42	61512	53.27	UG/L	#	81
40) CHLOROFORM	3.180	83	524768	63.83	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.345	97	469256	75.52	UG/L		98
42) CYCLOHEXANE	3.392	56	345844	54.08	UG/L		98
43) CARBON TETRACHLORIDE	3.509	117	356218	83.80	UG/L		100
44) 1,1-DICHLOROPROPENE	3.520	75	366377	57.68	UG/L		97
45) BENZENE	3.727	78	1011208	55.63	UG/L		98
47) T-AMYLMETHYL ETHER	3.874	73	736003	63.91	UG/L		98
50) 1,2-DICHLOROETHANE	3.755	62	442602	61.64	UG/L		96
51) TRICHLOROETHENE	4.390	95	281746	55.84	UG/L		92
52) METHYLCYCLOHEXANE	4.566	83	340077	50.99	UG/L		94
53) 1,2-DICHLOROPROPANE	4.613	63	253719	50.59	UG/L		95
54) DIBROMOMETHANE	4.725	93	185793	53.64	UG/L		96

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234010.D
Acq On : 22 Aug 2011 3:23 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 23 07:27:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

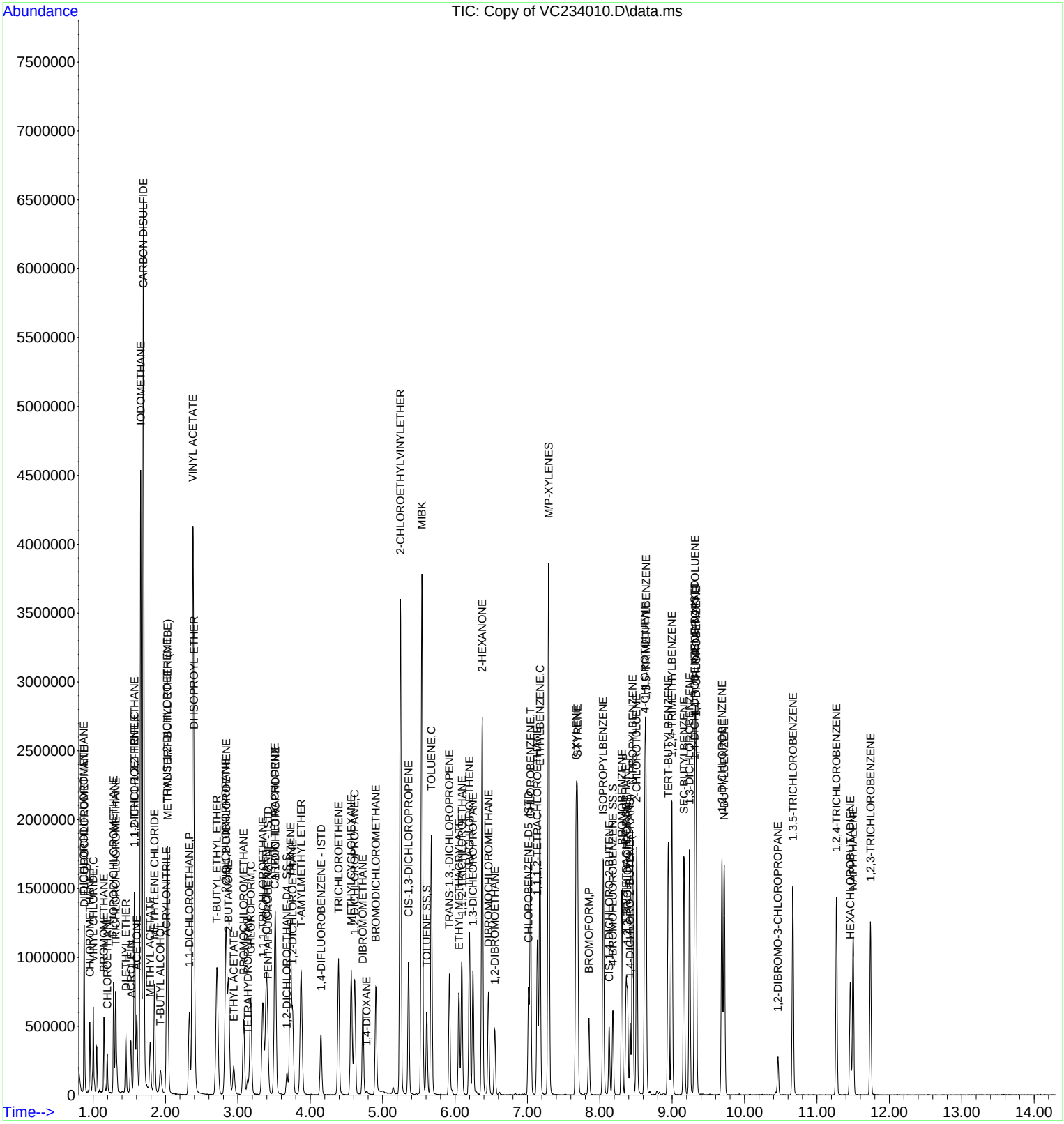
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.775	88	18567	559.10 UG/L	90
57) BROMODICHLOROMETHANE	4.906	83	422572	62.58 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.246	63	1280661	554.50 UG/L	98
59) MIBK	5.542	43	2194862	540.60 UG/L #	85
60) CIS-1,3-DICHLOROPROPENE	5.358	75	425091	60.01 UG/L	98
61) TOLUENE	5.673	91	1100855	51.70 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	365635	67.26 UG/L	96
63) ETHYL METHACRYLATE	6.055	69	306600	54.19 UG/L	98
64) 1,1,2-TRICHLOROETHANE	6.094	97	240962	51.12 UG/L	100
65) 2-HEXANONE	6.376	43	1540910	591.08 UG/L	88
66) TETRACHLOROETHENE	6.200	166	298681	52.90 UG/L	98
67) 1,3-DICHLOROPROPANE	6.248	76	397861	53.77 UG/L	99
68) DIBROMOCHLOROMETHANE	6.462	129	312822	61.02 UG/L	99
69) 1,2-DIBROMOETHANE	6.549	107	255612	55.01 UG/L	99
72) CHLOROBENZENE	7.042	112	707657	41.97 UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	268926	48.44 UG/L	97
74) ETHYLBENZENE	7.173	91	1229344	44.58 UG/L	94
75) M/P-XYLENES	7.293	91	1896452	92.32 UG/L #	100
76) 0-XYLENE	7.673	91	1005763	45.80 UG/L	93
77) STYRENE	7.692	104	784855	43.23 UG/L	89
78) BROMOFORM	7.851	173	211359	46.12 UG/L #	98
79) ISOPROPYLBENZENE	8.046	105	965897	42.99 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	85323	66.13 UG/L	87
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	310820	44.30 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	87515	60.57 UG/L	97
83) BROMOBENZENE	8.306	77	495888	45.60 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.384	75	233815	44.98 UG/L	98
85) N-PROPYLBENZENE	8.453	91	1323319	46.29 UG/L	92
86) 2-CHLOROT0LUENE	8.509	91	856491	45.31 UG/L	95
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	960348	45.53 UG/L	96
88) 4-CHLOROTOLUENE	8.623	91	994733	47.04 UG/L	94
90) TERT-BUTYLBENZENE	8.947	119	762484	45.99 UG/L	92
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	989831	46.81 UG/L	96
92) SEC-BUTYLBENZENE	9.164	105	1036323	44.35 UG/L	98
93) 1,3-DICHLOROBENZENE	9.240	146	613178	45.14 UG/L	98
94) P-ISOPROPYLTOLUENE	9.318	119	871379	46.39 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	615141	42.68 UG/L	98
96) N-BUTYLBENZENE	9.719	91	814398	51.08 UG/L	95
97) 1,2-DICHLOROBENZENE	9.689	146	589189	44.18 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	51885	56.88 UG/L	87
99) 1,3,5-TRICHLOROBENZENE	10.668	180	417946	49.58 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.270	180	378080	47.67 UG/L	99
101) HEXACHLOROBUTADIENE	11.462	225	154690	52.27 UG/L	99
102) NAPHTHALENE	11.499	128	768006	49.50 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	338143	55.43 UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234010.D
Acq On : 22 Aug 2011 3:23 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 23 07:27:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234011.D
Acq On : 22 Aug 2011 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 23 07:29:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	207401	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	317323	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	200166	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	211857	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	109215	31.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 127.68%				
49) TOLUENE SS	5.612	98	316706	25.13	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	161918	25.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	592883	130.75	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	700553	121.40	UG/L		95
5) CHLOROMETHANE	0.954	50	545060	113.79	UG/L		100
6) VINYL CHLORIDE	1.002	62	527132	143.54	UG/L		99
7) BROMOMETHANE	1.147	94	319862	140.04	UG/L		98
8) CHLOROETHANE	1.194	64	227904	136.06	UG/L		98
9) FLUORODICHLOROMETHANE	1.284	67	821251	149.90	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	721270	162.94	UG/L		99
12) DI ETHYL ETHER	1.451	59	295226	120.13	UG/L		98
13) ACROLEIN	1.521	56	403722	1123.05	UG/L		100
14) ACETONE	1.604	43	1083462	1280.23	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	665741	133.21	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	367884	124.32	UG/L		98
17) IODOMETHANE	1.657	142	6099342	1334.16	UG/L	#	100
20) METHYL ACETATE	1.788	43	613654	127.13	UG/L		99
21) T-BUTYL ALCOHOL	1.933	59	390592	2226.00	UG/L	#	96
22) ACRYLONITRILE	2.011	53	172120	142.25	UG/L		96
23) METHYLENE CHLORIDE	1.847	49	552385	132.50	UG/L		98
24) CARBON DISULFIDE	1.693	76	10495168	1069.00	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	1540045	158.67	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	716262	154.86	UG/L		92
27) 1,1-DICHLOROETHANE	2.329	63	957515	126.95	UG/L		100
28) VINYL ACETATE	2.382	43	9770665	1389.95	UG/L	#	100
29) DI ISOPROYL ETHER	2.396	45	1662128	114.96	UG/L		100
31) 2-BUTANONE	2.873	43	1995581	1147.42	UG/L		98
32) T-BUTYL ETHYL ETHER	2.714	59	1796804	132.10	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	884475	118.53	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	735171	186.29	UG/L		94
35) ETHYL ACETATE	2.943	43	484195	101.28	UG/L		99
38) BROMOCHLOROMETHANE	3.079	49	435491	114.78	UG/L		96
39) TETRAHYDROFURAN	3.132	42	125760	105.88	UG/L		97
40) CHLOROFORM	3.177	83	1082013	127.94	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	974285	152.43	UG/L		99
42) CYCLOHEXANE	3.392	56	724912	110.20	UG/L		97
43) CARBON TETRACHLORIDE	3.512	117	763479	174.61	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	737687	112.89	UG/L		98
45) BENZENE	3.726	78	2014996	107.76	UG/L		98
47) T-AMYLMETHYL ETHER	3.874	73	1485932	125.44	UG/L		98
50) 1,2-DICHLOROETHANE	3.757	62	892366	122.35	UG/L		96
51) TRICHLOROETHENE	4.390	95	573444	111.91	UG/L		92
52) METHYLCYCLOHEXANE	4.569	83	707542	104.46	UG/L		95
53) 1,2-DICHLOROPROPANE	4.613	63	516397	101.37	UG/L		95
54) DIBROMOMETHANE	4.728	93	366432	104.16	UG/L		96

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234011.D
Acq On : 22 Aug 2011 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 23 07:29:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

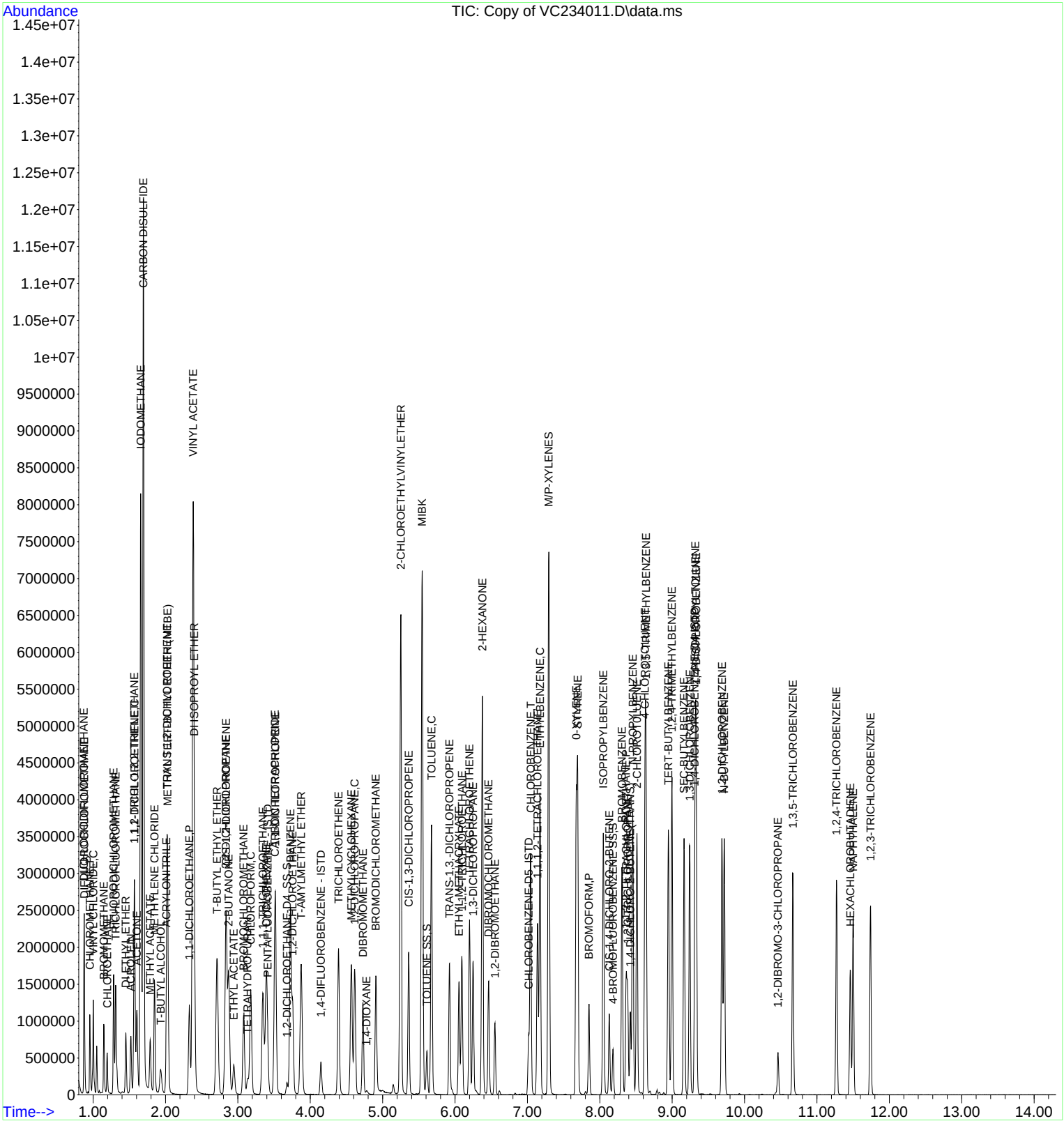
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,4-DIOXANE	4.775	88	37038m	1098.13	UG/L		
57)	BROMODICHLOROMETHANE	4.906	83	874484	127.50	UG/L		100
58)	2-CHLOROETHYLVINYLETHER	5.252	63	2462934	1049.96	UG/L		98
59)	MIBK	5.545	43	4324965	1048.83	UG/L	#	85
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	851926	118.41	UG/L		97
61)	TOLUENE	5.676	91	2161584	99.94	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	767579	139.02	UG/L		95
63)	ETHYL METHACRYLATE	6.055	69	627083	109.12	UG/L		98
64)	1,1,2-TRICHLOROETHANE	6.094	97	478922	100.05	UG/L		99
65)	2-HEXANONE	6.378	43	3049998	1151.92	UG/L		87
66)	TETRACHLOROETHENE	6.200	166	597730	104.24	UG/L		97
67)	1,3-DICHLOROPROPANE	6.250	76	791131	105.27	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.462	129	657851	126.34	UG/L		99
69)	1,2-DIBROMOETHANE	6.551	107	512504	108.60	UG/L		99
72)	CHLOROBENZENE	7.045	112	1415023	80.42	UG/L		95
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	550478	95.02	UG/L		98
74)	ETHYLBENZENE	7.173	91	2510180	87.24	UG/L		94
75)	M/P-XYLENES	7.296	91	3821270	178.28	UG/L	#	100
76)	0-XYLENE	7.675	91	1979601	86.40	UG/L		93
77)	STYRENE	7.695	104	1547107	81.67	UG/L		88
78)	BROMOFORM	7.851	173	453274	94.79	UG/L	#	98
79)	ISOPROPYLBENZENE	8.049	105	1985214	84.68	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.132	53	186046	138.20	UG/L		87
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	626697	85.59	UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.422	53	189110	125.44	UG/L		93
83)	BROMOBENZENE	8.305	77	987291	87.00	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.386	75	478047	88.14	UG/L		98
85)	N-PROPYLBENZENE	8.456	91	2677399	89.76	UG/L		93
86)	2-CHLOROT0LUENE	8.514	91	1713771	86.89	UG/L		94
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1847954	83.96	UG/L		97
88)	4-CHLOROTOLUENE	8.623	91	1918039	86.92	UG/L		94
90)	TERT-BUTYLBENZENE	8.947	119	1526317	92.58	UG/L		91
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1954618	92.94	UG/L		96
92)	SEC-BUTYLBENZENE	9.164	105	2102996	90.50	UG/L		98
93)	1,3-DICHLOROBENZENE	9.242	146	1201283	88.92	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.320	119	1721738	92.17	UG/L		95
95)	1,4-DICHLOROBENZENE	9.332	146	1211785	84.54	UG/L		98
96)	N-BUTYLBENZENE	9.719	91	1641395	103.52	UG/L		96
97)	1,2-DICHLOROBENZENE	9.688	146	1178310	88.84	UG/L		98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	109933	121.19	UG/L		87
99)	1,3,5-TRICHLOROBENZENE	10.667	180	835045	99.61	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	785231	98.59	UG/L		100
101)	HEXACHLOROBUTADIENE	11.462	225	325737	110.68	UG/L		100
102)	NAPHTHALENE	11.501	128	1613788	100.99	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	695854	115.45	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234011.D
Acq On : 22 Aug 2011 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 23 07:29:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234012.D
Acq On : 22 Aug 2011 4:24 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 23 07:31:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	203793	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	319307	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	201107	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	209458	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	110679	32.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 131.68%#				
49) TOLUENE SS	5.614	98	323767	25.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.12%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	164965	25.88	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.52%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	1149478	258.00	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.877	51	1401827	247.22	UG/L		95
5) CHLOROMETHANE	0.952	50	1195211	250.10	UG/L		99
6) VINYL CHLORIDE	1.002	62	1102858	305.62	UG/L		99
7) BROMOMETHANE	1.144	94	399483	178.00	UG/L		98
8) CHLOROETHANE	1.192	64	405122	246.14	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	1615714	300.13	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.309	101	1388968	319.34	UG/L		100
12) DI ETHYL ETHER	1.451	59	598210	247.72	UG/L		97
13) ACROLEIN	1.524	56	828391	2345.17	UG/L		99
14) ACETONE	1.604	43	2131231	2562.87	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	1331240	271.09	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	737377	253.59	UG/L		98
17) IODOMETHANE	1.657	142	10918176	2430.50	UG/L	#	100
20) METHYL ACETATE	1.791	43	1233268	260.03	UG/L		98
21) T-BUTYL ALCOHOL	1.939	59	784234	4548.51	UG/L	#	97
22) ACRYLONITRILE	2.012	53	333819	280.78	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	1102750	269.21	UG/L		98
24) CARBON DISULFIDE	1.685	76	14471470m	1500.10	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.028	73	3033858	318.11	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	1425550	313.67	UG/L		92
27) 1,1-DICHLOROETHANE	2.329	63	1909770	257.69	UG/L		99
28) VINYL ACETATE	2.380	43	17641659m	2554.09	UG/L		
29) DI ISOPROYL ETHER	2.396	45	3259927	229.46	UG/L		100
31) 2-BUTANONE	2.876	43	3950884	2311.90	UG/L		98
32) T-BUTYL ETHYL ETHER	2.712	59	3597616	269.17	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	1802760	245.87	UG/L		91
34) 2,2-DICHLOROPROPANE	2.831	77	1542487	397.78	UG/L		93
35) ETHYL ACETATE	2.946	43	966525	205.75	UG/L		99
38) BROMOCHLOROMETHANE	3.080	49	836586	224.40	UG/L		95
39) TETRAHYDROFURAN	3.133	42	252668	216.50	UG/L		98
40) CHLOROFORM	3.177	83	2188975	263.41	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.345	97	2000678	318.56	UG/L		100
42) CYCLOHEXANE	3.395	56	1454005	224.94	UG/L		97
43) CARBON TETRACHLORIDE	3.512	117	1580342	367.83	UG/L		100
44) 1,1-DICHLOROPROPENE	3.520	75	1485943	231.43	UG/L		97
45) BENZENE	3.729	78	4099627	223.12	UG/L		98
47) T-AMYLMETHYL ETHER	3.874	73	2963673	254.62	UG/L		99
50) 1,2-DICHLOROETHANE	3.757	62	1794138	244.47	UG/L		96
51) TRICHLOROETHENE	4.390	95	1162532	225.46	UG/L		91
52) METHYLCYCLOHEXANE	4.569	83	1410719	206.98	UG/L		94
53) 1,2-DICHLOROPROPANE	4.616	63	1029061	200.76	UG/L		95
54) DIBROMOMETHANE	4.728	93	723363	204.34	UG/L		96

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234012.D
Acq On : 22 Aug 2011 4:24 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 23 07:31:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

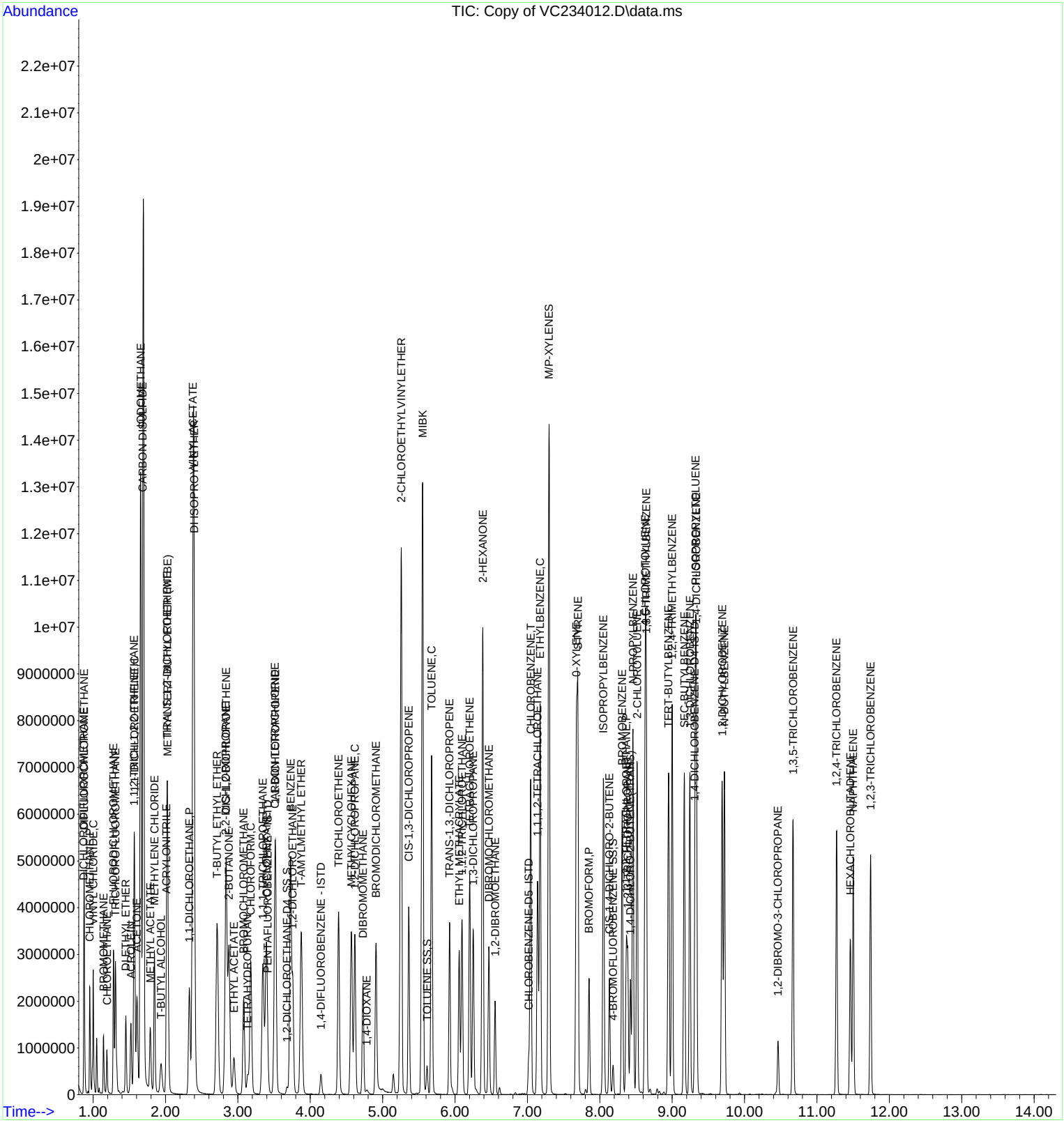
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,4-DIOXANE	4.778	88	72932m	2148.92	UG/L		
57)	BROMODICHLOROMETHANE	4.909	83	1784694	258.60	UG/L		100
58)	2-CHLOROETHYLVINYLETHER	5.258	63	4746422	2010.85	UG/L		97
59)	MIBK	5.553	43	8195902	1975.21	UG/L	#	84
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	1750265	241.76	UG/L		97
61)	TOLUENE	5.676	91	4339283	199.38	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	1577893	284.00	UG/L		95
63)	ETHYL METHACRYLATE	6.058	69	1254100	216.88	UG/L		98
64)	1,1,2-TRICHLOROETHANE	6.097	97	978178	203.07	UG/L		99
65)	2-HEXANONE	6.384	43	5816447	2183.11	UG/L		87
66)	TETRACHLOROETHENE	6.203	166	1222895	211.93	UG/L		98
67)	1,3-DICHLOROPROPANE	6.250	76	1611324	213.07	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.468	129	1359327	259.44	UG/L		99
69)	1,2-DIBROMOETHANE	6.554	107	1026770	216.22	UG/L		99
72)	CHLOROBENZENE	7.045	112	2902366	164.19	UG/L		95
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	1132531	194.57	UG/L		98
74)	ETHYLBENZENE	7.176	91	5095039	176.25	UG/L		94
75)	M/P-XYLENES	7.299	91	7540392	350.15	UG/L	#	100
76)	0-XYLENE	7.675	91	3960621	172.05	UG/L		93
77)	STYRENE	7.698	104	3056905	160.61	UG/L		87
78)	BROMOFORM	7.851	173	962151	200.28	UG/L	#	99
79)	ISOPROPYLBENZENE	8.049	105	3934318	167.03	UG/L		98
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	413277	305.55	UG/L		87
81)	1,1,2,2-TETRACHLOROETHANE	8.367	83	1261789	171.53	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	393572	259.85	UG/L		92
83)	BROMOBENZENE	8.308	77	1992785	174.79	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.386	75	959773	176.12	UG/L		98
85)	N-PROPYLBENZENE	8.459	91	5391860	179.92	UG/L		92
86)	2-CHLOROT0LUENE	8.517	91	3411061	172.14	UG/L		94
87)	1,3,5-TRIMETHYLBENZENE	8.643	105	3703220	167.47	UG/L		96
88)	4-CHLOROTOLUENE	8.626	91	3842601	173.33	UG/L		93
90)	TERT-BUTYLBENZENE	8.950	119	3014081	184.93	UG/L		91
91)	1,2,4-TRIMETHYLBENZENE	9.000	105	3869280	186.10	UG/L		96
92)	SEC-BUTYLBENZENE	9.167	105	4153754	180.81	UG/L		98
93)	1,3-DICHLOROBENZENE	9.245	146	2399603	179.65	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.323	119	3409963	184.63	UG/L		95
95)	1,4-DICHLOROBENZENE	9.335	146	2366368	166.97	UG/L		98
96)	N-BUTYLBENZENE	9.722	91	3294281	210.15	UG/L		95
97)	1,2-DICHLOROBENZENE	9.691	146	2316806	176.68	UG/L		98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	230879	257.44	UG/L		85
99)	1,3,5-TRICHLOROBENZENE	10.670	180	1654841	199.66	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	1535842	194.17	UG/L		100
101)	HEXACHLOROBUTADIENE	11.462	225	646543	222.19	UG/L		99
102)	NAPHTHALENE	11.501	128	3186569	198.47	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	1353876	227.87	UG/L		100

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234012.D
Acq On : 22 Aug 2011 4:24 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 23 07:31:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

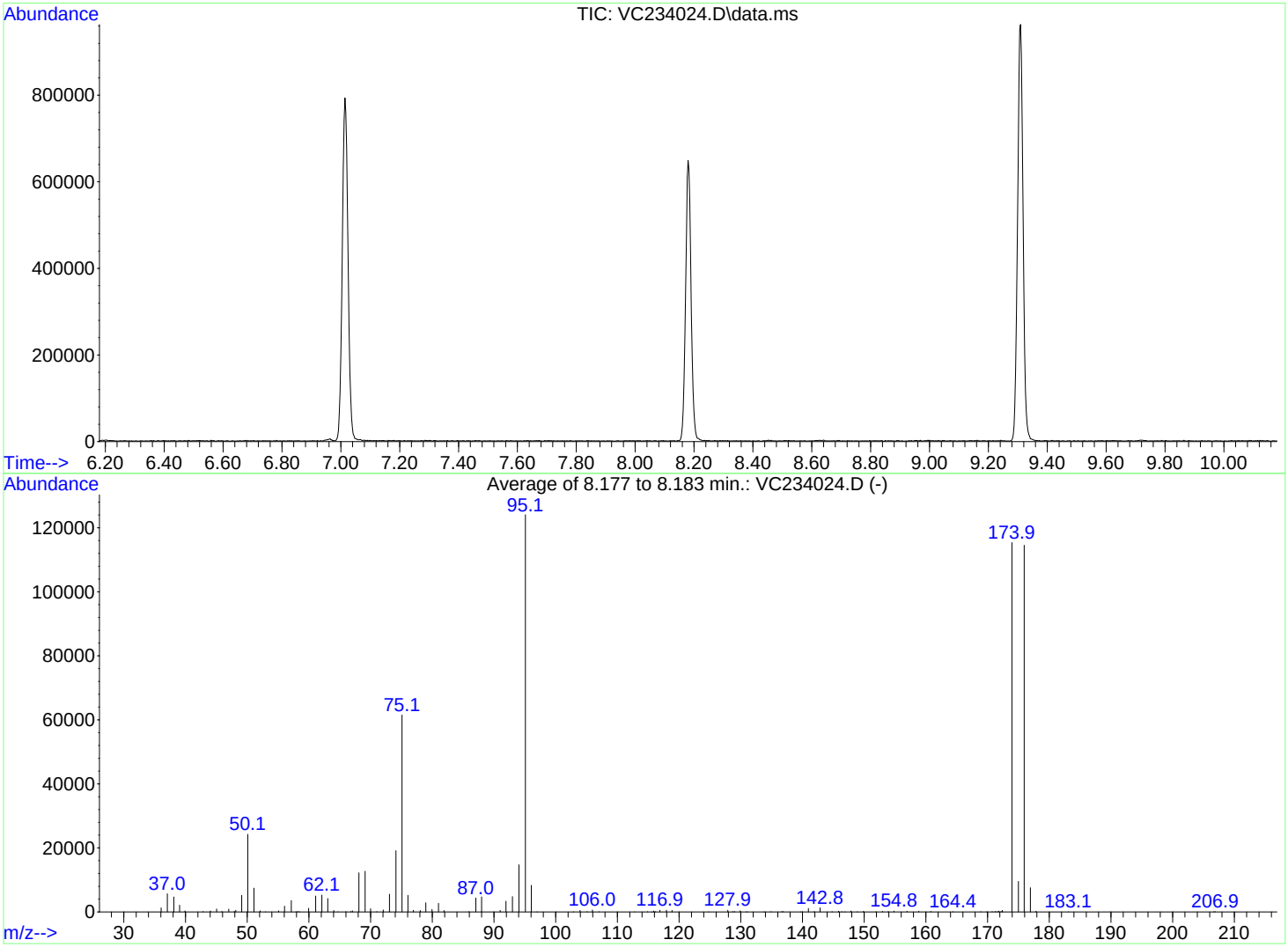


BFB

Data Path : X:\1\DATA\082211\
Data File : VC234024.D
Acq On : 22 Aug 2011 10:28 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0831W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.177 to 8.183 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.5	24232	PASS
75	95	30	60	49.6	61490	PASS
95	95	100	100	100.0	124096	PASS
96	95	5	9	6.7	8316	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	93.0	115386	PASS
175	174	5	9	8.3	9568	PASS
176	174	95	101	99.3	114541	PASS
177	176	5	9	6.6	7567	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	196377	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	300183	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	189442	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	202384	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	105565	25.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%				
49) TOLUENE SS	5.609	98	304838	25.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	153117	24.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	69791	10.89	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	73173	10.53	UG/L		100
5) CHLOROMETHANE	0.957	50	49623	9.77	UG/L		100
6) VINYL CHLORIDE	1.002	62	53625	10.54	UG/L		99
7) BROMOMETHANE	1.153	94	32678	9.70	UG/L		98
8) CHLOROETHANE	1.197	64	24605	10.61	UG/L		93
9) FLUORODICHLOROMETHANE	1.286	67	78926	9.92	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.312	101	68954	10.24	UG/L		100
11) ETHANOL	1.406	45	2822	60.45	UG/L	#	51
12) DI ETHYL ETHER	1.451	59	26922	9.81	UG/L		97
13) ACROLEIN	1.521	56	36286	90.70	UG/L		96
14) ACETONE	1.604	43	113967	107.97	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	63392	10.11	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	37361	10.63	UG/L		94
17) IODOMETHANE	1.657	142	576252	102.30	UG/L		94
20) METHYL ACETATE	1.791	43	62819	10.71	UG/L		99
21) T-BUTYL ALCOHOL	1.933	59	36925	100.06	UG/L	#	97
22) ACRYLONITRILE	2.014	53	18722	11.30	UG/L		92
23) METHYLENE CHLORIDE	1.850	49	54337	9.61	UG/L		99
24) CARBON DISULFIDE	1.696	76	1130623	106.61	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	149157	10.61	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.023	61	68605	10.50	UG/L		97
27) 1,1-DICHLOROETHANE	2.329	63	90141	10.35	UG/L		99
28) VINYL ACETATE	2.380	43	957455	109.14	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	164064	10.72	UG/L		100
31) 2-BUTANONE	2.873	43	206400	111.34	UG/L		100
32) T-BUTYL ETHYL ETHER	2.717	59	165581	10.19	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	82908	10.23	UG/L		98
34) 2,2-DICHLOROPROPANE	2.831	77	57251	8.97	UG/L		98
35) ETHYL ACETATE	2.946	43	55118	10.92	UG/L		99
38) BROMOCHLOROMETHANE	3.082	49	39849	10.10	UG/L		99
39) TETRAHYDROFURAN	3.138	42	11367	9.55	UG/L		91
40) CHLOROFORM	3.177	83	97355	10.04	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.347	97	85679	10.12	UG/L		99
42) CYCLOHEXANE	3.392	56	71162	10.19	UG/L		97
43) CARBON TETRACHLORIDE	3.509	117	57371	9.24	UG/L		99
44) 1,1-DICHLOROPROPENE	3.517	75	70488	10.20	UG/L		99
45) BENZENE	3.726	78	190081	10.33	UG/L		99
47) T-AMYLMETHYL ETHER	3.871	73	138034	10.55	UG/L		97
50) 1,2-DICHLOROETHANE	3.757	62	82808	10.21	UG/L		99
51) TRICHLOROETHENE	4.387	95	52664	10.14	UG/L		98
52) METHYLCYCLOHEXANE	4.566	83	66683	10.37	UG/L		99
53) 1,2-DICHLOROPROPANE	4.613	63	45826	9.88	UG/L		99

Data Path : X:\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

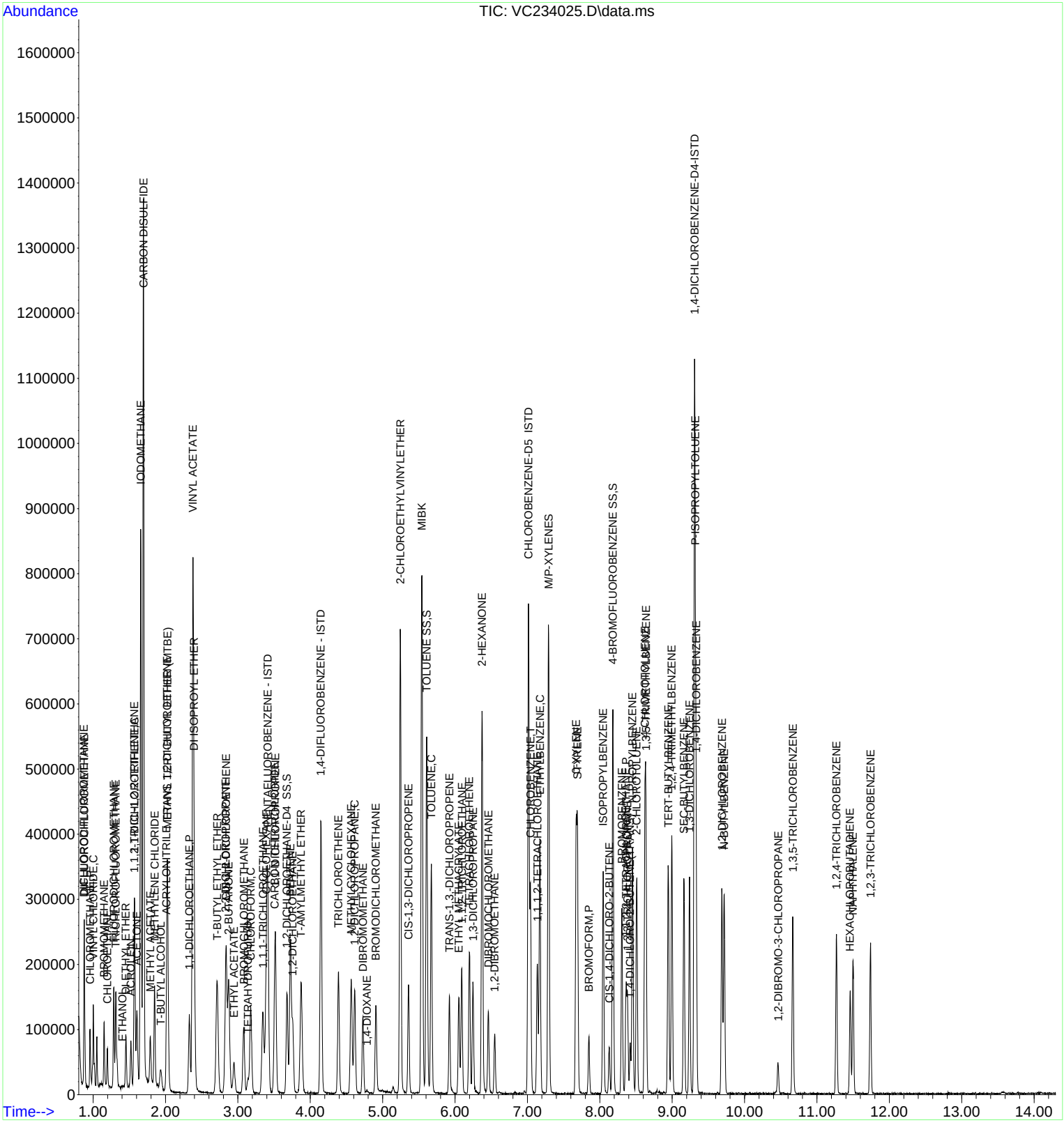
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) DIBROMOMETHANE	4.728	93	34381	10.23 UG/L	99
56) 1,4-DIOXANE	4.783	88	3296m	95.47 UG/L	
57) BROMODICHLOROMETHANE	4.906	83	73973	10.52 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.243	63	253043	111.02 UG/L	98
59) MIBK	5.542	43	472298	119.52 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.358	75	73286	10.07 UG/L	98
61) TOLUENE	5.673	91	203596	10.24 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	61754	9.93 UG/L	99
63) ETHYL METHACRYLATE	6.052	69	60540	10.87 UG/L	99
64) 1,1,2-TRICHLOROETHANE	6.094	97	45404	10.36 UG/L	99
65) 2-HEXANONE	6.373	43	321977	116.79 UG/L	99
66) TETRACHLOROETHENE	6.197	166	55010	9.91 UG/L	97
67) 1,3-DICHLOROPROPANE	6.250	76	76140	10.62 UG/L	98
68) DIBROMOCHLOROMETHANE	6.462	129	50832	10.44 UG/L	99
69) 1,2-DIBROMOETHANE	6.546	107	47637	10.11 UG/L	99
72) CHLOROBENZENE	7.042	112	131725	9.95 UG/L	100
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	45275	9.92 UG/L	99
74) ETHYLBENZENE	7.173	91	233595	10.06 UG/L	98
75) M/P-XYLENES	7.293	91	359012	20.08 UG/L	98
76) 0-XYLENE	7.672	91	188663	10.07 UG/L	100
77) STYRENE	7.692	104	146356	10.34 UG/L	99
78) BROMOFORM	7.851	173	32072	10.53 UG/L	99
79) ISOPROPYLBENZENE	8.046	105	183843	10.11 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	12920	8.92 UG/L	86
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	60487	10.68 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	13653	8.56 UG/L	91
83) BROMOBENZENE	8.305	77	93716	10.42 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.383	75	49051	11.09 UG/L	95
85) N-PROPYLBENZENE	8.450	91	251548	10.26 UG/L	99
86) 2-CHLOROT0LUENE	8.509	91	155448	9.83 UG/L	97
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	179417	10.35 UG/L	99
88) 4-CHLOROTOLUENE	8.623	91	183261	10.09 UG/L	99
90) TERT-BUTYLBENZENE	8.947	119	143643	10.24 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	178973	9.99 UG/L	98
92) SEC-BUTYLBENZENE	9.162	105	195408	10.18 UG/L	100
93) 1,3-DICHLOROBENZENE	9.240	146	109461	9.91 UG/L	99
94) P-ISOPROPYLTOLUENE	9.320	119	160780	10.22 UG/L	99
95) 1,4-DICHLOROBENZENE	9.332	146	113673	10.03 UG/L	99
96) N-BUTYLBENZENE	9.719	91	146997	9.96 UG/L	100
97) 1,2-DICHLOROBENZENE	9.689	146	107477	9.99 UG/L	100
98) 1,2-DIBROMO-3-CHLOROPR...	10.467	75	9724	10.40 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.667	180	74951	10.11 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.270	180	64270	9.95 UG/L	100
101) HEXACHLOROBUTADIENE	11.457	225	28092	9.24 UG/L	97
102) NAPHTHALENE	11.498	128	133972	10.09 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	58035	9.96 UG/L	97

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100030
Lab File ID:	VC234025.D	Calibration Date:	09/29/11 09:21
Sequence:	S001083	Injection Date:	08/22/11
Lab Sample ID:	S001083-CCV1	Injection Time:	22:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	108	0.1612569	0.1741044		8.0	20
Acrylonitrile	A	10.0	11.3	0.2530627	0.2860111		13.0	20
tert-Amyl Methyl Ether (TAME)	A	10.0	10.6	1.998363	2.108709		5.5	20
Benzene	A	10.0	10.3	2.809804	2.903818		3.3	20
Bromobenzene	A	10.0	10.4	1.424704	1.484085		4.2	20
Bromochloromethane	A	10.0	10.1	0.6025272	0.6087627		1.0	20
Bromodichloromethane	A	10.0	10.5	0.7028739	0.739279		5.2	20
Bromoform	A	10.0	10.5	0.4822814	0.5078916		5.3	20
Bromomethane	A	10.0	9.70	0.5148609	0.4992132		-3.0	20
2-Butanone (MEK)	A	100	111	0.2831901	0.3153119		11.3	20
tert-Butyl Alcohol (TBA)	A	100	100	5.637349E-02	5.640936E-02		0.06	20
n-Butylbenzene	A	10.0	9.96	2.187947	2.178982		-0.4	20
sec-Butylbenzene	A	10.0	10.2	2.846141	2.896593		1.8	20
tert-Butylbenzene	A	10.0	10.2	2.079627	2.129264		2.4	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.2	2.482805	2.529538		1.9	20
Carbon Disulfide	A	100	107	1.620134	1.727223		6.6	20
Carbon Tetrachloride	L	10.0	9.24	0.8679931	0.8764417		-7.6	20
Chlorobenzene	A	10.0	9.95	2.096303	2.085995		-0.5	20
Chlorodibromomethane	A	10.0	10.4	0.4865105	0.5080101		4.4	20
Chloroethane	A	10.0	10.6	0.3543307	0.3758841		6.1	20
Chloroform	A	10.0	10.0	1.480912	1.487267		0.4	20
Chloromethane	A	10.0	9.77	0.7763184	0.7580776		-2.3	20
2-Chlorotoluene	A	10.0	9.83	2.502994	2.461672		-1.7	20
4-Chlorotoluene	A	10.0	10.1	2.874881	2.902118		0.9	20

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100030
Lab File ID:	VC234025.D	Calibration Date:	09/29/11 09:21
Sequence:	S001083	Injection Date:	08/22/11
Lab Sample ID:	S001083-CCV1	Injection Time:	22:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.4	0.1386436	0.1441418		4.0	20
1,2-Dibromoethane (EDB)	A	10.0	10.1	0.4707386	0.4760796		1.1	20
Dibromomethane	A	10.0	10.2	0.3358929	0.3436004		2.3	20
1,2-Dichlorobenzene	A	10.0	9.99	1.595406	1.593164		-0.1	20
1,3-Dichlorobenzene	A	10.0	9.91	1.638127	1.622574		-0.9	20
1,4-Dichlorobenzene	A	10.0	10.0	1.679585	1.68501		0.3	20
trans-1,4-Dichloro-2-butene	A	10.0	8.56	0.2527236	0.2162087		-14.4	20
Dichlorodifluoromethane (Freon 12)	A	10.0	10.9	0.9790921	1.066179		8.9	20
1,1-Dichloroethane	A	10.0	10.4	1.33101	1.37706		3.5	20
1,2-Dichloroethane	A	10.0	10.2	0.8105015	0.8275752		2.1	20
1,1-Dichloroethylene	A	10.0	10.1	0.9574361	0.968423		1.1	20
cis-1,2-Dichloroethylene	A	10.0	10.2	1.238182	1.266564		2.3	20
trans-1,2-Dichloroethylene	A	10.0	10.5	0.9978778	1.048061		5.0	20
1,2-Dichloropropane	A	10.0	9.88	0.4635801	0.4579806		-1.2	20
1,3-Dichloropropane	A	10.0	10.6	0.7163139	0.7609358		6.2	20
2,2-Dichloropropane	A	10.0	8.97	0.9749574	0.8746085		-10.3	20
1,1-Dichloropropene	A	10.0	10.2	1.055912	1.076827		2.0	20
cis-1,3-Dichloropropene	A	10.0	10.1	0.7272885	0.7324132		0.7	20
trans-1,3-Dichloropropene	A	10.0	9.93	0.6215492	0.6171635		-0.7	20
Diethyl Ether	A	10.0	9.81	0.4193615	0.4112803		-1.9	20
Diisopropyl Ether (DIPE)	A	10.0	10.7	2.337547	2.506363		7.2	20
1,4-Dioxane	A	100	95.5	3.450459E-03	3.293991E-03		-4.5	20
Ethylbenzene	A	10.0	10.1	3.675419	3.699206		0.6	20
Hexachlorobutadiene	A	10.0	9.24	0.4505147	0.4164163		-7.6	20
2-Hexanone (MBK)	A	100	117	0.2755203	0.3217807		16.8	20

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100030
Lab File ID:	VC234025.D	Calibration Date:	09/29/11 09:21
Sequence:	S001083	Injection Date:	08/22/11
Lab Sample ID:	S001083-CCV1	Injection Time:	22:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	10.1	2.879206	2.911334		1.1	20
p-Isopropyltoluene (p-Cymene)	A	10.0	10.2	2.332586	2.383291		2.2	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.6	2.146673	2.278632		6.1	20
Methylene Chloride	A	10.0	9.61	0.8633889	0.8300921		-3.9	20
4-Methyl-2-pentanone (MIBK)	A	100	120	0.3949281	0.4720101		19.5	20
Naphthalene	A	10.0	10.1	1.968575	1.985908		0.9	20
n-Propylbenzene	A	10.0	10.3	3.882522	3.983509		2.6	20
Styrene	A	10.0	10.3	2.242488	2.317691		3.4	20
1,1,1,2-Tetrachloroethane	A	10.0	9.92	0.7229577	0.7169741		-0.8	20
1,1,2,2-Tetrachloroethane	A	10.0	10.7	0.8965881	0.957871		6.8	20
Tetrachloroethylene	A	10.0	9.91	0.5546277	0.5497646		-0.9	20
Tetrahydrofuran	A	10.0	9.55	0.1818518	0.1736507		-4.5	20
Toluene	A	10.0	10.2	1.987065	2.034719		2.4	20
1,2,3-Trichlorobenzene	A	10.0	9.96	0.8639845	0.8602706		-0.4	20
1,2,4-Trichlorobenzene	A	10.0	9.95	0.957584	0.9526939		-0.5	20
1,3,5-Trichlorobenzene	A	10.0	10.1	1.098607	1.111022		1.1	20
1,1,1-Trichloroethane	A	10.0	10.1	1.293992	1.308896		1.2	20
1,1,2-Trichloroethane	A	10.0	10.4	0.4377883	0.4537632		3.6	20
Trichloroethylene	A	10.0	10.1	0.5191099	0.5263189		1.4	20
Trichlorofluoromethane (Freon 11)	A	10.0	10.2	1.028906	1.053392		2.4	20
1,2,3-Trichloropropane	A	10.0	11.1	0.7003472	0.7767707		10.9	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.6	0.5367502	0.5707542		6.3	20
1,2,4-Trimethylbenzene	A	10.0	9.99	2.654615	2.652972		-0.06	20

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0747
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100030
Lab File ID:	VC234025.D	Calibration Date:	09/29/11 09:21
Sequence:	S001083	Injection Date:	08/22/11
Lab Sample ID:	S001083-CCV1	Injection Time:	22:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.4	2.744818	2.841244		3.5	20
Vinyl Chloride	A	10.0	10.5	0.7771961	0.8192151		5.4	20
m+p Xylene	A	20.0	20.1	2.830665	2.842654		0.4	20
o-Xylene	A	10.0	10.1	2.966331	2.987664		0.7	20
1,2-Dichloroethane-d4	A	25.0	25.4	0.6347281	0.6450755		1.6	
Toluene-d8	A	25.0	25.4	1.198189	1.218609		1.7	
4-Bromofluorobenzene	A	25.0	24.6	0.9872308	0.9699032		-1.8	

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

* Values outside of QC limits

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		PENTAFLUOROBENZENE - ISTD	1.000	1.000	0.0	99	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	0.635	0.645	-1.6	101	0.00
3		DICHLORODIFLUOROMETHANE	0.979	1.066	-8.9	99	0.00
4		DIFLUOROCHLOROMETHANE	1.061	1.118	-5.4	99	0.00
5	P	CHLOROMETHANE	0.776	0.758	2.3	97	0.00
6	C	VINYL CHLORIDE	0.777	0.819	-5.4	98	0.00
7		BROMOMETHANE	0.515	0.499	3.1	101	0.00
8		CHLOROETHANE	0.354	0.376	-6.2	104	0.00
9		FLUORODICHLOROMETHANE	1.216	1.206	0.8	97	0.00
10		TRICHLOROFLUOROMETHANE	1.029	1.053	-2.3	94	0.00
11		ETHANOL	0.004	0.004	0.0	81	0.00
12		DI ETHYL ETHER	0.419	0.411	1.9	97	0.00
13		ACROLEIN	0.061	0.055	9.8	93	0.00
14		ACETONE	0.161	0.174	-8.1	106	0.00
15	C	1,1-DICHLOROETHENE	0.957	0.968	-1.1	98	0.00
16		1,1,2-TRICL-1,2,2-TRIFLETHA	0.537	0.571	-6.3	102	0.00
17		IODOMETHANE	0.861	0.880	-2.2	90	0.00
18		ACETONITRILE	0.000	0.000	0.0	0#	0.03
19		ALLYL CHLORIDE	0.000	0.000	0.0	0#	-0.07
20		METHYL ACETATE	0.896	0.960	-7.1	105	0.00
21		T-BUTYL ALCOHOL	0.056	0.056	0.0	99	0.00
22		ACRYLONITRILE	0.253	0.286	-13.0	116	0.00
23		METHYLENE CHLORIDE	0.863	0.830	3.8	94	0.00
24		CARBON DISULFIDE	1.620	1.727	-6.6	97	0.00
25		METHYL TERT-BUTYL ETHER (MT	2.147	2.279	-6.1	99	0.00
26		TRANS 1,2-DICHLOROETHENE	0.998	1.048	-5.0	98	0.00
27	P	1,1-DICHLOROETHANE	1.331	1.377	-3.5	100	0.00
28		VINYL ACETATE	1.340	1.463	-9.2	101	0.00
29		DI ISOPROYL ETHER	2.338	2.506	-7.2	99	0.00
30		CHLOROPRENE	0.000	0.000	0.0	0#	-2.40#
31		2-BUTANONE	0.283	0.315	-11.3	108	0.00
32		T-BUTYL ETHYL ETHER	2.483	2.530	-1.9	97	0.00
33		CIS-1,2-DICHLOROETHENE	1.238	1.267	-2.3	98	0.00
34		2,2-DICHLOROPROPANE	0.975	0.875	10.3	90	0.00
35		ETHYL ACETATE	0.771	0.842	-9.2	112	0.00
36		PROPIONITRILE	0.000	0.000	0.0	0#	-2.92#
37		METHACRYLONITRILE	0.000	0.000	0.0	0#	0.06
38		BROMOCHLOROMETHANE	0.603	0.609	-1.0	98	0.00
39		TETRAHYDROFURAN	0.182	0.174	4.4	96	0.00
40	C	CHLOROFORM	1.481	1.487	-0.4	97	0.00
41		1,1,1-TRICHLOROETHANE	1.294	1.309	-1.2	97	0.00
42		CYCLOHEXANE	1.067	1.087	-1.9	101	0.00
43		CARBON TETRACHLORIDE	0.868	0.876	-0.9	96	0.00
44		1,1-DICHLOROPROPENE	1.056	1.077	-2.0	101	0.00
45		BENZENE	2.810	2.904	-3.3	98	0.00
46		ISOBUTANOL	0.000	0.000	0.0	0#	0.15
47		T-AMYLMETHYL ETHER	1.998	2.109	-5.6	98	0.00
48		1,4-DIFLUOROBENZENE - ISTD	1.000	1.000	0.0	98	0.00
49	S	TOLUENE SS	1.198	1.219	-1.8	102	0.00
50		1,2-DICHLOROETHANE	0.811	0.828	-2.1	96	0.00
51		TRICHLOROETHENE	0.519	0.526	-1.3	96	0.00

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52		METHYLCYCLOHEXANE	0.642	0.666	-3.7	102	0.00
53	C	1,2-DICHLOROPROPANE	0.464	0.458	1.3	93	0.00
54		DIBROMOMETHANE	0.336	0.344	-2.4	97	0.00
55		METHYL METHACRYLATE	0.000	0.000	0.0	0#	-0.17
56		1,4-DIOXANE	0.003	0.003	0.0	86	0.00
57		BROMODICHLOROMETHANE	0.703	0.739	-5.1	101	0.00
58		2-CHLOROETHYLVINYLETHER	0.228	0.253	-11.0	100	0.00
59		MIBK	0.395	0.472	-19.5	112	0.00
60		CIS-1,3-DICHLOROPROPENE	0.727	0.732	-0.7	93	0.00
61	C	TOLUENE	1.987	2.035	-2.4	97	0.00
62		TRANS-1,3,-DICHLOROPROPENE	0.622	0.617	0.8	96	0.00
63		ETHYL METHACRYLATE	0.557	0.605	-8.6	102	0.00
64		1,1,2-TRICHLOROETHANE	0.438	0.454	-3.7	95	0.00
65		2-HEXANONE	0.276	0.322	-16.7	109	0.00
66		TETRACHLOROETHENE	0.555	0.550	0.9	97	0.00
67		1,3-DICHLOROPROPANE	0.716	0.761	-6.3	102	0.00
68		DIBROMOCHLOROMETHANE	0.487	0.508	-4.3	97	0.00
69		1,2-DIBROMOETHANE	0.471	0.476	-1.1	96	0.00
70		CHLOROBENZENE-D5 ISTD	1.000	1.000	0.0	99	0.00
71	S	4-BROMOFLUOROBENZENE SS	0.987	0.970	1.7	99	0.00
72	T	CHLOROBENZENE	2.096	2.086	0.5	95	0.00
73		1,1,1,2-TETRACHLOROETHANE	0.723	0.717	0.8	95	0.00
74	C	ETHYLBENZENE	3.675	3.699	-0.7	96	0.00
75		M/P-XYLENES	2.831	2.843	-0.4	95	0.00
76		0-XYLENE	2.966	2.988	-0.7	97	0.00
77		STYRENE	2.242	2.318	-3.4	98	0.00
78	P	BROMOFORM	0.482	0.508	-5.4	101	0.00
79		ISOPROPYLBENZENE	2.879	2.911	-1.1	98	0.00
80		CIS-1,4-DICHLORO-2-BUTENE	0.229	0.205	10.5	94	0.00
81	P	1,1,2,2-TETRACHLOROETHANE	0.897	0.958	-6.8	103	0.00
82		1,4-DICHLORO-2-BUTENE(TRANS	0.253	0.216	14.6	93	0.00
83		BROMOBENZENE	1.425	1.484	-4.1	100	0.00
84		1,2,3-TRICHLOROPROPANE	0.700	0.777	-11.0	109	0.00
85		N-PROPYLBENZENE	3.883	3.984	-2.6	98	0.00
86		2-CHLOROTOLUENE	2.503	2.462	1.6	95	0.00
87		1,3,5-TRIMETHYLBENZENE	2.745	2.841	-3.5	98	0.00
88		4-CHLOROTOLUENE	2.875	2.902	-0.9	97	0.00
89		1,4-DICHLOROBENZENE-D4-ISTD	1.000	1.000	0.0	100	0.00
90		TERT-BUTYLBENZENE	2.080	2.129	-2.4	98	0.00
91		1,2,4-TRIMETHYLBENZENE	2.655	2.653	0.1	95	0.00
92		SEC-BUTYLBENZENE	2.846	2.897	-1.8	97	0.00
93		1,3-DICHLOROBENZENE	1.638	1.623	0.9	96	0.00
94		P-ISOPROPYLTOLUENE	2.333	2.383	-2.1	97	0.00
95		1,4-DICHLOROBENZENE	1.680	1.685	-0.3	95	0.00
96		N-BUTYLBENZENE	2.188	2.179	0.4	94	0.00
97		1,2-DICHLOROBENZENE	1.595	1.593	0.1	95	0.00
98		1,2-DIBROMO-3-CHLOROPROPANE	0.139	0.144	-3.6	109	0.00
99		1,3,5-TRICHLOROBENZENE	1.099	1.111	-1.1	96	0.00
100		1,2,4-TRICHLOROBENZENE	0.958	0.953	0.5	92	0.00
101		HEXACHLOROBUTADIENE	0.451	0.416	7.8	94	0.00

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
102	NAPHTHALENE	1.969	1.986	-0.9	99	0.00
103	1,2,3-TRICHLOROBENZENE	0.864	0.860	0.5	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1		PENTAFLUOROBENZENE - ISTD	30.000	30.000	0.0	99	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	25.000	25.408	-1.6	101	0.00
3		DICHLORODIFLUOROMETHANE	10.000	10.889	-8.9	99	0.00
4		DIFLUOROCHLOROMETHANE	10.000	10.534	-5.3	99	0.00
5	P	CHLOROMETHANE	10.000	9.765	2.3	97	0.00
6	C	VINYL CHLORIDE	10.000	10.541	-5.4	98	0.00
7		BROMOMETHANE	10.000	9.696	3.0	101	0.00
8		CHLOROETHANE	10.000	10.608	-6.1	104	0.00
9		FLUORODICHLOROMETHANE	10.000	9.916	0.8	97	0.00
10		TRICHLOROFLUOROMETHANE	10.000	10.238	-2.4	94	0.00
11		ETHANOL	100.000	60.451	39.5#	81	0.00
12		DI ETHYL ETHER	10.000	9.807	1.9	97	0.00
13		ACROLEIN	100.000	90.699	9.3	93	0.00
14		ACETONE	100.000	107.967	-8.0	106	0.00
15	C	1,1-DICHLOROETHENE	10.000	10.115	-1.2	98	0.00
16		1,1,2-TRICL-1,2,2-TRIFLETHA	10.000	10.634	-6.3	102	0.00
17		IODOMETHANE	100.000	102.302	-2.3	90	0.00
18		ACETONITRILE	-1.000	0.000	0.0	0	0.03
19		ALLYL CHLORIDE	-1.000	0.000	0.0	0	-0.07
20		METHYL ACETATE	10.000	10.709	-7.1	105	0.00
21		T-BUTYL ALCOHOL	100.000	100.064	-0.1	99	0.00
22		ACRYLONITRILE	10.000	11.302	-13.0	116	0.00
23		METHYLENE CHLORIDE	10.000	9.614	3.9	94	0.00
24		CARBON DISULFIDE	100.000	106.610	-6.6	97	0.00
25		METHYL TERT-BUTYL ETHER (MT	10.000	10.615	-6.2	99	0.00
26		TRANS 1,2-DICHLOROETHENE	10.000	10.503	-5.0	98	0.00
27	P	1,1-DICHLOROETHANE	10.000	10.346	-3.5	100	0.00
28		VINYL ACETATE	100.000	109.135	-9.1	101	0.00
29		DI ISOPROYL ETHER	10.000	10.722	-7.2	99	0.00
30		CHLOROPRENE	-1.000	0.000	0.0	0	-2.40#
31		2-BUTANONE	100.000	111.343	-11.3	108	0.00
32		T-BUTYL ETHYL ETHER	10.000	10.188	-1.9	97	0.00
33		CIS-1,2-DICHLOROETHENE	10.000	10.229	-2.3	98	0.00
34		2,2-DICHLOROPROPANE	10.000	8.971	10.3	90	0.00
35		ETHYL ACETATE	10.000	10.923	-9.2	112	0.00
36		PROPIONITRILE	-1.000	0.000	0.0	0	-2.92#
37		METHACRYLONITRILE	-1.000	0.000	0.0	0	0.06
38		BROMOCHLOROMETHANE	10.000	10.103	-1.0	98	0.00
39		TETRAHYDROFURAN	10.000	9.549	4.5	96	0.00
40	C	CHLOROFORM	10.000	10.043	-0.4	97	0.00
41		1,1,1-TRICHLOROETHANE	10.000	10.115	-1.2	97	0.00
42		CYCLOHEXANE	10.000	10.188	-1.9	101	0.00
43		CARBON TETRACHLORIDE	10.000	9.241	7.6	96	0.00
44		1,1-DICHLOROPROPENE	10.000	10.198	-2.0	101	0.00
45		BENZENE	10.000	10.335	-3.4	98	0.00
46		ISOBUTANOL	-1.000	0.000	0.0	0	0.15
47		T-AMYLMETHYL ETHER	10.000	10.552	-5.5	98	0.00
48		1,4-DIFLUOROBENZENE - ISTD	30.000	30.000	0.0	98	0.00
49	S	TOLUENE SS	25.000	25.426	-1.7	102	0.00
50		1,2-DICHLOROETHANE	10.000	10.211	-2.1	96	0.00
51		TRICHLOROETHENE	10.000	10.139	-1.4	96	0.00

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
52		METHYLCYCLOHEXANE	10.000	10.374	-3.7	102	0.00
53	C	1,2-DICHLOROPROPANE	10.000	9.879	1.2	93	0.00
54		DIBROMOMETHANE	10.000	10.229	-2.3	97	0.00
55		METHYL METHACRYLATE	-1.000	0.000	0.0	0	-0.17
56		1,4-DIOXANE	100.000	95.465	4.5	86	0.00
57		BROMODICHLOROMETHANE	10.000	10.518	-5.2	101	0.00
58		2-CHLOROETHYLVINYLETHER	100.000	111.021	-11.0	100	0.00
59		MIBK	100.000	119.518	-19.5	112	0.00
60		CIS-1,3-DICHLOROPROPENE	10.000	10.070	-0.7	93	0.00
61	C	TOLUENE	10.000	10.240	-2.4	97	0.00
62		TRANS-1,3,-DICHLOROPROPENE	10.000	9.929	0.7	96	0.00
63		ETHYL METHACRYLATE	10.000	10.871	-8.7	102	0.00
64		1,1,2-TRICHLOROETHANE	10.000	10.365	-3.7	95	0.00
65		2-HEXANONE	100.000	116.790	-16.8	109	0.00
66		TETRACHLOROETHENE	10.000	9.912	0.9	97	0.00
67		1,3-DICHLOROPROPANE	10.000	10.623	-6.2	102	0.00
68		DIBROMOCHLOROMETHANE	10.000	10.442	-4.4	97	0.00
69		1,2-DIBROMOETHANE	10.000	10.113	-1.1	96	0.00
70		CHLOROBENZENE-D5 ISTD	30.000	30.000	0.0	99	0.00
71	S	4-BROMOFLUOROBENZENE SS	25.000	24.561	1.8	99	0.00
72	T	CHLOROBENZENE	10.000	9.951	0.5	95	0.00
73		1,1,1,2-TETRACHLOROETHANE	10.000	9.917	0.8	95	0.00
74	C	ETHYLBENZENE	10.000	10.065	-0.6	96	0.00
75		M/P-XYLENES	20.000	20.085	-0.4	95	0.00
76		O-XYLENE	10.000	10.072	-0.7	97	0.00
77		STYRENE	10.000	10.335	-3.4	98	0.00
78	P	BROMOFORM	10.000	10.531	-5.3	101	0.00
79		ISOPROPYLBENZENE	10.000	10.112	-1.1	98	0.00
80		CIS-1,4-DICHLORO-2-BUTENE	10.000	8.921	10.8	94	0.00
81	P	1,1,2,2-TETRACHLOROETHANE	10.000	10.684	-6.8	103	0.00
82		1,4-DICHLORO-2-BUTENE(TRANS	10.000	8.555	14.5	93	0.00
83		BROMOBENZENE	10.000	10.417	-4.2	100	0.00
84		1,2,3-TRICHLOROPROPANE	10.000	11.091	-10.9	109	0.00
85		N-PROPYLBENZENE	10.000	10.260	-2.6	98	0.00
86		2-CHLOROTOLUENE	10.000	9.835	1.6	95	0.00
87		1,3,5-TRIMETHYLBENZENE	10.000	10.351	-3.5	98	0.00
88		4-CHLOROTOLUENE	10.000	10.095	-1.0	97	0.00
89		1,4-DICHLOROBENZENE-D4-ISTD	30.000	30.000	0.0	100	0.00
90		TERT-BUTYLBENZENE	10.000	10.239	-2.4	98	0.00
91		1,2,4-TRIMETHYLBENZENE	10.000	9.994	0.1	95	0.00
92		SEC-BUTYLBENZENE	10.000	10.177	-1.8	97	0.00
93		1,3-DICHLOROBENZENE	10.000	9.905	1.0	96	0.00
94		P-ISOPROPYLTOLUENE	10.000	10.217	-2.2	97	0.00
95		1,4-DICHLOROBENZENE	10.000	10.032	-0.3	95	0.00
96		N-BUTYLBENZENE	10.000	9.959	0.4	94	0.00
97		1,2-DICHLOROBENZENE	10.000	9.986	0.1	95	0.00
98		1,2-DIBROMO-3-CHLOROPROPANE	10.000	10.397	-4.0	109	0.00
99		1,3,5-TRICHLOROBENZENE	10.000	10.113	-1.1	96	0.00
100		1,2,4-TRICHLOROBENZENE	10.000	9.949	0.5	92	0.00
101		HEXACHLOROBUTADIENE	10.000	9.243	7.6	94	0.00

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
102	NAPHTHALENE	10.000	10.088	-0.9	99	0.00
103	1,2,3-TRICHLOROBENZENE	10.000	9.957	0.4	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
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Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	196377	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.14	114	300183	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	189442	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	202384	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	105565	25.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%				
49) TOLUENE SS	5.61	98	304838	25.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.72%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	153117	24.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	69791	10.89	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.88	51	73173	10.53	UG/L		100
5) CHLOROMETHANE	0.96	50	49623	9.77	UG/L		100
6) VINYL CHLORIDE	1.00	62	53625	10.54	UG/L		99
7) BROMOMETHANE	1.15	94	32678	9.70	UG/L		98
8) CHLOROETHANE	1.20	64	24605	10.61	UG/L		93
9) FLUORODICHLOROMETHANE	1.29	67	78926	9.92	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.31	101	68954	10.24	UG/L		100
11) ETHANOL	1.41	45	2822	60.45	UG/L	#	51
12) DI ETHYL ETHER	1.45	59	26922	9.81	UG/L		97
13) ACROLEIN	1.52	56	36286	90.70	UG/L		96
14) ACETONE	1.60	43	113967	107.97	UG/L		98
15) 1,1-DICHLOROETHENE	1.57	61	63392	10.11	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIFLETH	1.57	101	37361	10.63	UG/L		94
17) IODOMETHANE	1.66	142	576252	102.30	UG/L		94
20) METHYL ACETATE	1.79	43	62819	10.71	UG/L		99
21) T-BUTYL ALCOHOL	1.93	59	36925	100.06	UG/L	#	97
22) ACRYLONITRILE	2.01	53	18722	11.30	UG/L		92
23) METHYLENE CHLORIDE	1.85	49	54337	9.61	UG/L		99
24) CARBON DISULFIDE	1.70	76	1130623	106.61	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	149157	10.61	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.02	61	68605	10.50	UG/L		97
27) 1,1-DICHLOROETHANE	2.33	63	90141	10.35	UG/L		99
28) VINYL ACETATE	2.38	43	957455	109.14	UG/L	#	100
29) DI ISOPROYL ETHER	2.39	45	164064	10.72	UG/L		100
31) 2-BUTANONE	2.87	43	206400	111.34	UG/L		100
32) T-BUTYL ETHYL ETHER	2.72	59	165581	10.19	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.84	61	82908	10.23	UG/L		98
34) 2,2-DICHLOROPROPANE	2.83	77	57251	8.97	UG/L		98
35) ETHYL ACETATE	2.95	43	55118	10.92	UG/L		99
38) BROMOCHLOROMETHANE	3.08	49	39849	10.10	UG/L		99
39) TETRAHYDROFURAN	3.14	42	11367	9.55	UG/L		91
40) CHLOROFORM	3.18	83	97355	10.04	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.35	97	85679	10.12	UG/L		99
42) CYCLOHEXANE	3.39	56	71162	10.19	UG/L		97
43) CARBON TETRACHLORIDE	3.51	117	57371	9.24	UG/L		99
44) 1,1-DICHLOROPROPENE	3.52	75	70488	10.20	UG/L		99
45) BENZENE	3.73	78	190081	10.33	UG/L		99
47) T-AMYLMETHYL ETHER	3.87	73	138034	10.55	UG/L		97
50) 1,2-DICHLOROETHANE	3.76	62	82808	10.21	UG/L		99
51) TRICHLOROETHENE	4.39	95	52664	10.14	UG/L		98
52) METHYLCYCLOHEXANE	4.57	83	66683	10.37	UG/L		99

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

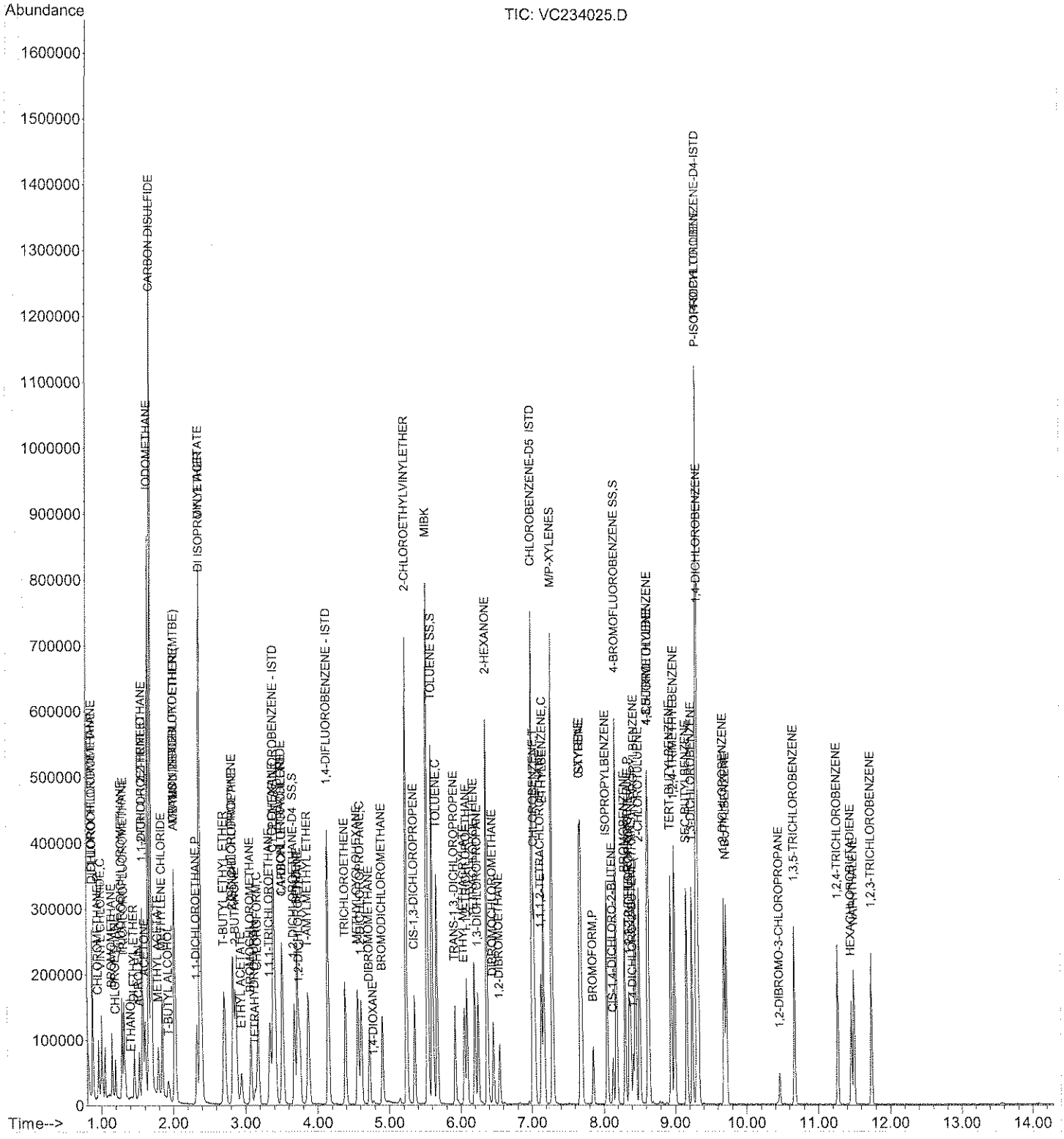
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	4.61	63	45826	9.88 UG/L	99
54) DIBROMOMETHANE	4.73	93	34381	10.23 UG/L	99
56) 1,4-DIOXANE	4.78	88	3296m	95.47 UG/L	
57) BROMODICHLOROMETHANE	4.91	83	73973	10.52 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.24	63	253043	111.02 UG/L	98
59) MIBK	5.54	43	472298	119.52 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.36	75	73286	10.07 UG/L	98
61) TOLUENE	5.67	91	203596	10.24 UG/L	100
62) TRANS-1,3,-DICHLOROPROPENE	5.92	75	61754	9.93 UG/L	99
63) ETHYL METHACRYLATE	6.05	69	60540	10.87 UG/L	99
64) 1,1,2-TRICHLOROETHANE	6.09	97	45404	10.36 UG/L	99
65) 2-HEXANONE	6.37	43	321977	116.79 UG/L	99
66) TETRACHLOROETHENE	6.20	166	55010	9.91 UG/L	97
67) 1,3-DICHLOROPROPANE	6.25	76	76140	10.62 UG/L	98
68) DIBROMOCHLOROMETHANE	6.46	129	50832	10.44 UG/L	99
69) 1,2-DIBROMOETHANE	6.55	107	47637	10.11 UG/L	99
72) CHLOROBENZENE	7.04	112	131725	9.95 UG/L	100
73) 1,1,1,2-TETRACHLOROETHANE	7.14	131	45275	9.92 UG/L	99
74) ETHYLBENZENE	7.17	91	233595	10.06 UG/L	98
75) M/P-XYLENES	7.29	91	359012	20.08 UG/L	98
76) 0-XYLENE	7.67	91	188663	10.07 UG/L	100
77) STYRENE	7.69	104	146356	10.34 UG/L	99
78) BROMOFORM	7.85	173	32072	10.53 UG/L	99
79) ISOPROPYLBENZENE	8.05	105	183843	10.11 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.13	53	12920	8.92 UG/L	86
81) 1,1,2,2-TETRACHLOROETHANE	8.36	83	60487	10.68 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(TRAN	8.42	53	13653	8.56 UG/L	91
83) BROMOBENZENE	8.31	77	93716	10.42 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.38	75	49051	11.09 UG/L	95
85) N-PROPYLBENZENE	8.45	91	251548	10.26 UG/L	99
86) 2-CHLOROTOLUENE	8.51	91	155448	9.83 UG/L	97
87) 1,3,5-TRIMETHYLBENZENE	8.64	105	179417	10.35 UG/L	99
88) 4-CHLOROTOLUENE	8.62	91	183261	10.09 UG/L	99
90) TERT-BUTYLBENZENE	8.95	119	143643	10.24 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.99	105	178973	9.99 UG/L	98
92) SEC-BUTYLBENZENE	9.16	105	195408	10.18 UG/L	100
93) 1,3-DICHLOROBENZENE	9.24	146	109461	9.91 UG/L	99
94) P-ISOPROPYLTOLUENE	9.32	119	160780	10.22 UG/L	99
95) 1,4-DICHLOROBENZENE	9.33	146	113673	10.03 UG/L	99
96) N-BUTYLBENZENE	9.72	91	146997	9.96 UG/L	100
97) 1,2-DICHLOROBENZENE	9.69	146	107477	9.99 UG/L	100
98) 1,2-DIBROMO-3-CHLOROPROPAN	10.47	75	9724	10.40 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.67	180	74951	10.11 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.27	180	64270	9.95 UG/L	100
101) HEXACHLOROBUTADIENE	11.46	225	28092	9.24 UG/L	97
102) NAPHTHALENE	11.50	128	133972	10.09 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.74	180	58035	9.96 UG/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



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

VOLATILES QC DATA

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

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035906-BLK1	File ID:	VC234030.D
Sampled:		Prepared:	08/22/11 12:39	Analyzed:	08/23/11 01:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

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

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035906-BLK1	File ID:	VC234030.D
Sampled:		Prepared:	08/22/11 12:39	Analyzed:	08/23/11 01:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035906-BLK1	File ID:	VC234030.D
Sampled:		Prepared:	08/22/11 12:39	Analyzed:	08/23/11 01:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234030.D
Acq On : 23 Aug 2011 1:29 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 23 12:15:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

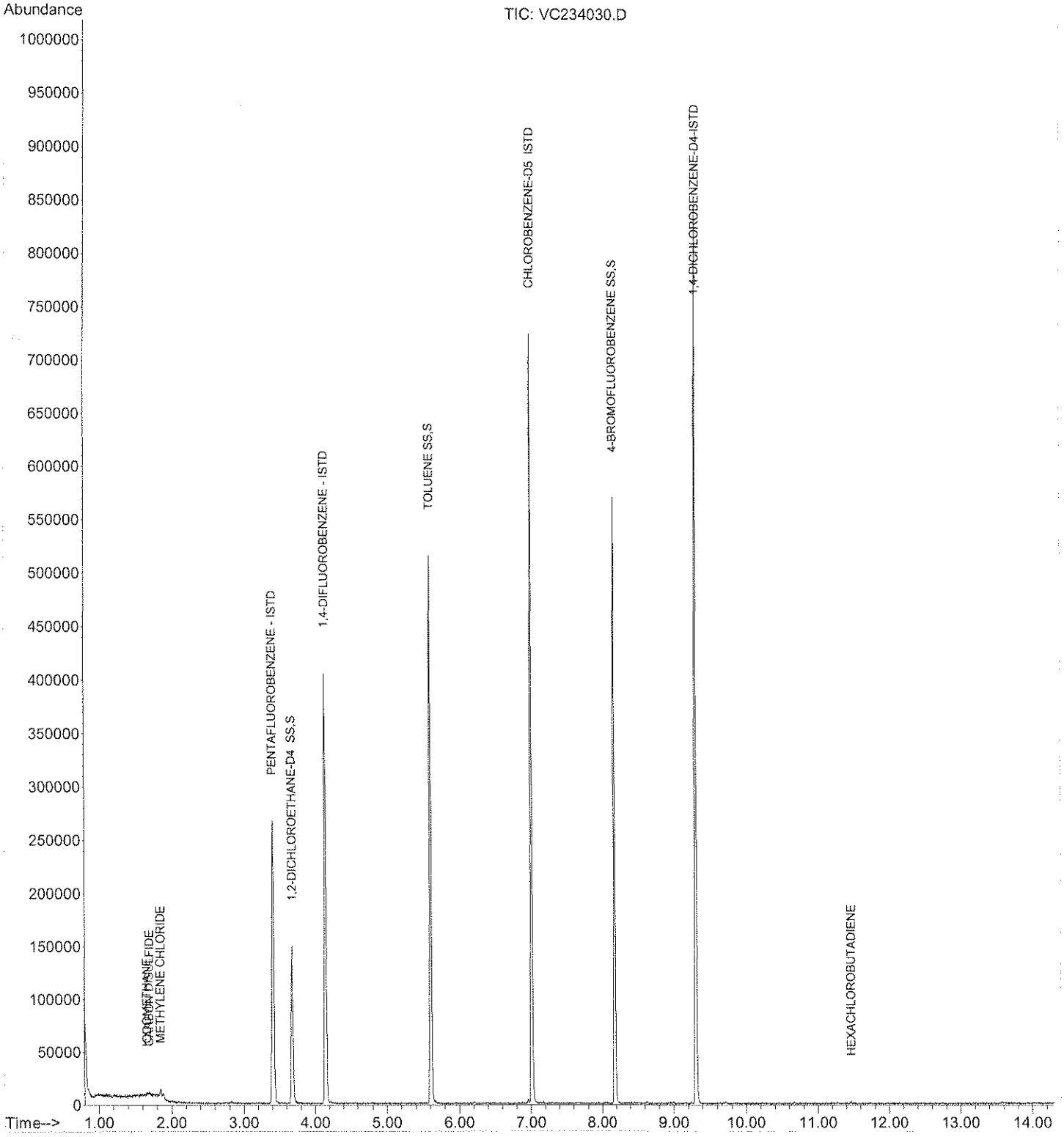
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	189883	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.14	114	290932	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	183553	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	196769	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	98590	24.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.16%			
49) TOLUENE SS	5.61	98	290031	24.96	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	149729	24.79	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.16%			
Target Compounds						Qvalue
17) IODOMETHANE	1.66	142	1865m	0.34	UG/L	
23) METHYLENE CHLORIDE	1.84	49	1499	0.27	UG/L	94
24) CARBON DISULFIDE	1.69	76	1632	0.16	UG/L #	100
101) HEXACHLOROBUTADIENE	11.46	225	323m	0.11	UG/L	

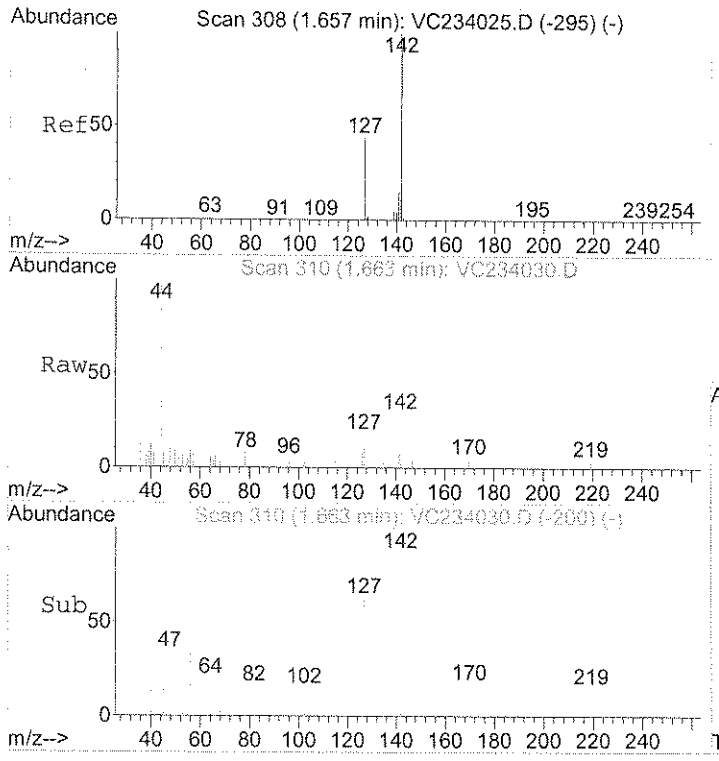
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234030.D
Acq On : 23 Aug 2011 1:29 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 23 12:15:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

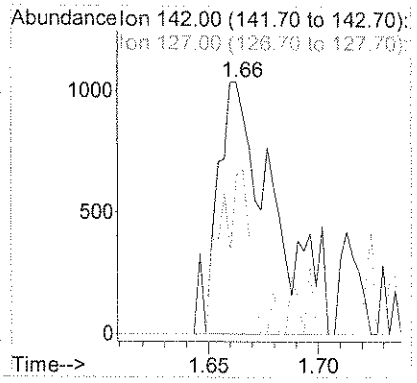


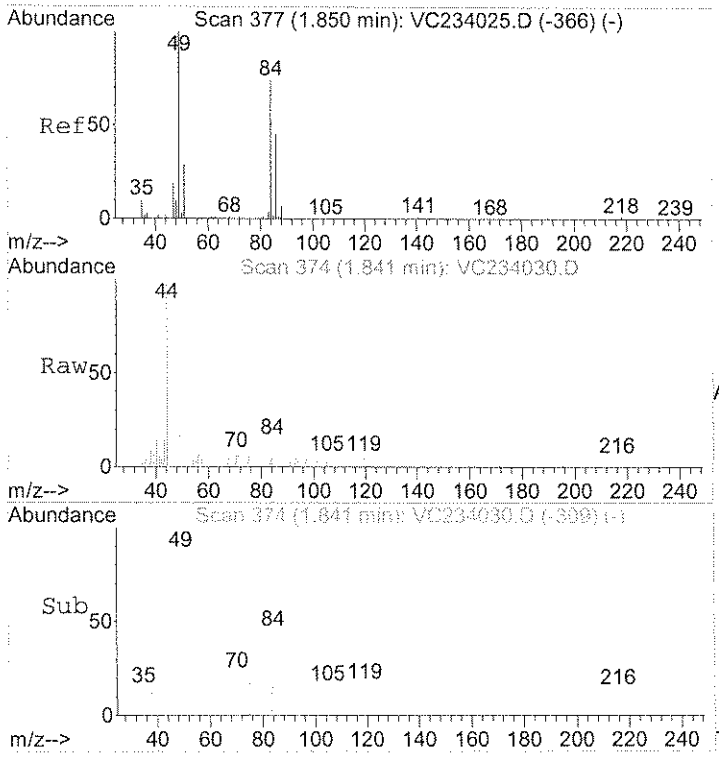


#17
IODOMETHANE
Concen: 0.34 UG/L m
RT: 1.66 min Scan# 310
Delta R.T. 0.01 min
Lab File: VC234030.D
Acq: 23 Aug 2011 1:29 am

Tgt Ion:142 Resp: 1865

Ion	Ratio	Lower	Upper
142	100		
127	32.8	32.2	48.2

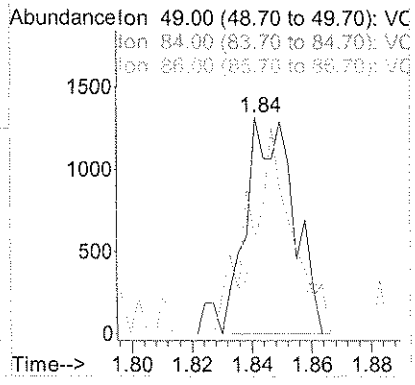


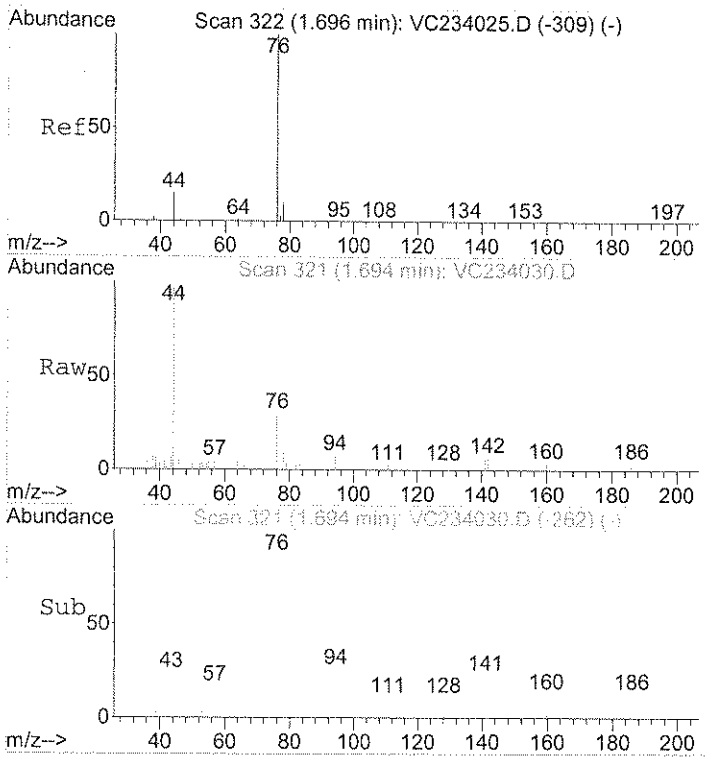


#23
METHYLENE CHLORIDE
Concen: 0.27 UG/L
RT: 1.84 min Scan# 374
Delta R.T. -0.01 min
Lab File: VC234030.D
Acq: 23 Aug 2011 1:29 am

Tgt Ion: 49 Resp: 1499

Ion	Ratio	Lower	Upper
49	100		
84	83.7	63.0	94.6
86	53.6	39.1	58.7

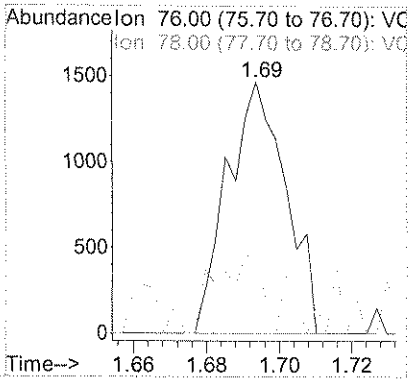


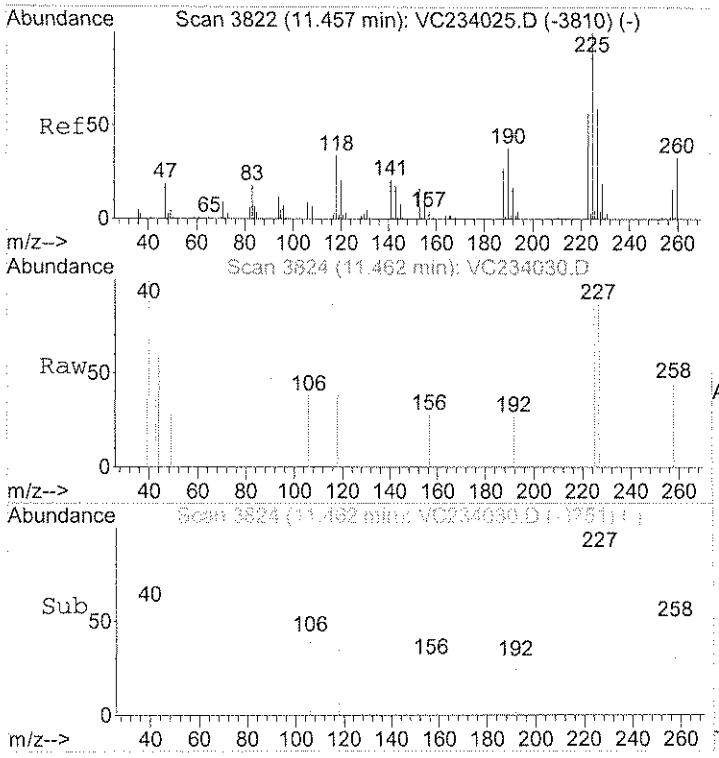


#24
CARBON DISULFIDE
Concen: 0.16 UG/L
RT: 1.69 min Scan# 321
Delta R.T. -0.00 min
Lab File: VC234030.D
Acq: 23 Aug 2011 1:29 am

Tgt Ion: 76 Resp: 1632

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

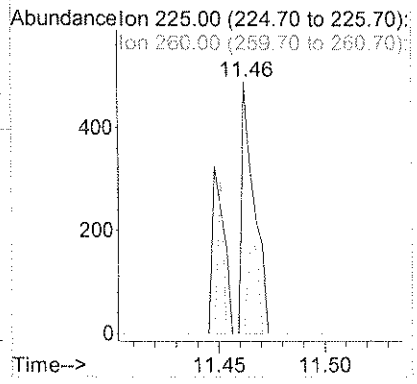




#101
HEXACHLOROBUTADIENE
Concen: 0.11 UG/L m
RT: 11.46 min Scan# 3824
Delta R.T. 0.00 min
Lab File: VC234030.D
Acq: 23 Aug 2011 1:29 am

Tgt Ion:225 Resp: 323

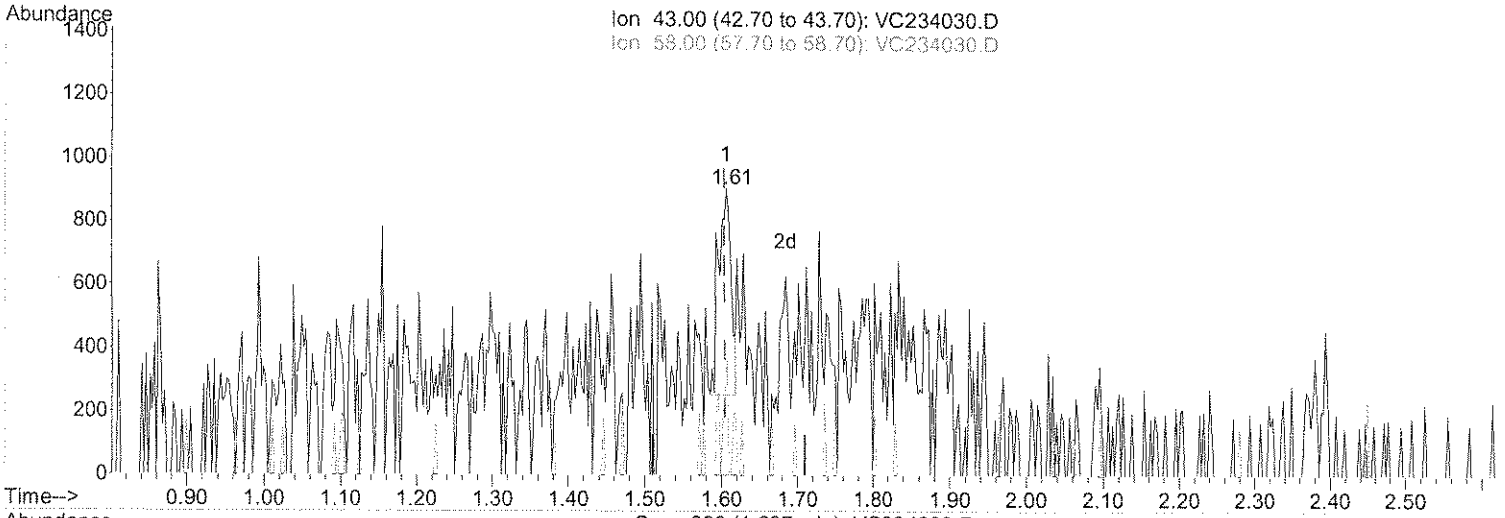
Ion	Ratio	Lower	Upper
225	100		
260	0.0	24.9	37.3#

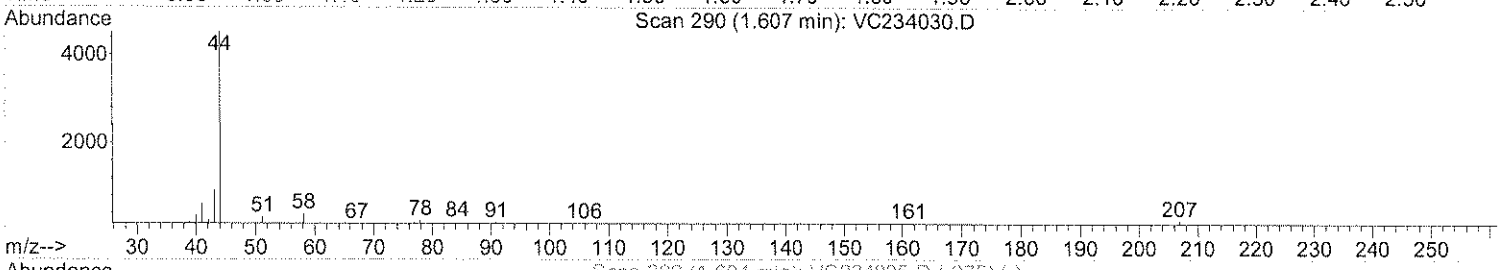


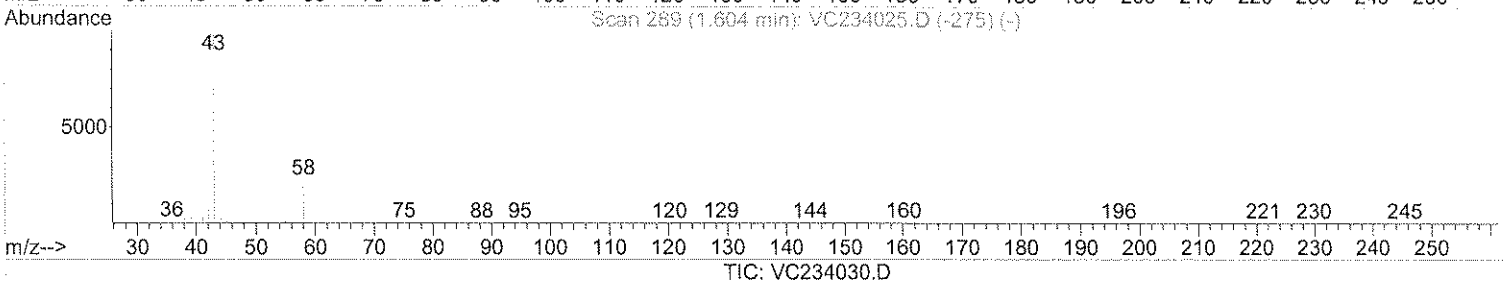
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234030.D
Acq On : 23 Aug 2011 1:29 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 23 12:06:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration







TIC: VC234030.D

(14) ACETONE

1.607min (+0.003) 0.75UG/L

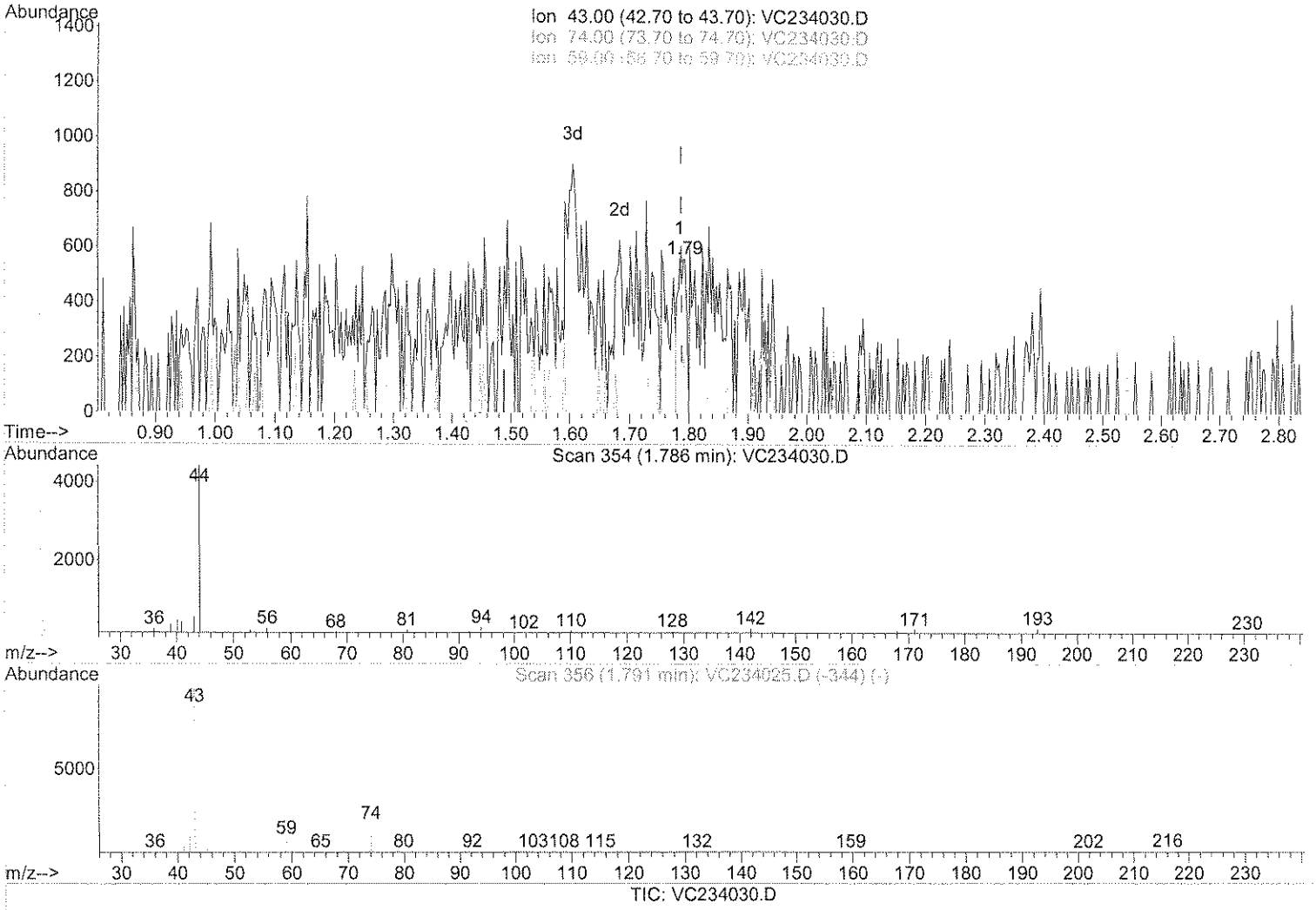
response 769

Ion	Exp%	Act%
43.00	100	100
58.00	25.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234030.D
Acq On : 23 Aug 2011 1:29 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 23 12:06:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



(20) METHYL ACETATE

1.786min (-0.003) 0.10UG/L

response 570

Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035906-BS1	File ID:	VC234027.D
Sampled:		Prepared:	08/22/11 12:39	Analyzed:	08/22/11 23:58
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	127	0.54	50	
107-13-1	Acrylonitrile	10.2	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.8	0.11	0.50	
71-43-2	Benzene	11.1	0.050	1.0	
108-86-1	Bromobenzene	10.5	0.10	1.0	
74-97-5	Bromochloromethane	10.9	0.10	1.0	
75-27-4	Bromodichloromethane	10.4	0.080	0.50	
75-25-2	Bromoform	10.8	0.25	1.0	
74-83-9	Bromomethane	6.44	0.38	2.0	
78-93-3	2-Butanone (MEK)	113	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	99.0	3.5	20	
104-51-8	n-Butylbenzene	10.1	0.050	1.0	
135-98-8	sec-Butylbenzene	10.5	0.050	1.0	
98-06-6	tert-Butylbenzene	10.5	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.15	0.070	0.50	
75-15-0	Carbon Disulfide	12.0	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.76	0.090	5.0	
108-90-7	Chlorobenzene	10.7	0.050	1.0	
124-48-1	Chlorodibromomethane	10.7	0.12	0.50	
75-00-3	Chloroethane	9.43	0.33	2.0	
67-66-3	Chloroform	10.7	0.040	2.0	
74-87-3	Chloromethane	8.36	0.13	2.0	
95-49-8	2-Chlorotoluene	10.4	0.050	1.0	
106-43-4	4-Chlorotoluene	10.8	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.3	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.9	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035906-BS1	File ID:	VC234027.D
Sampled:		Prepared:	08/22/11 12:39	Analyzed:	08/22/11 23:58
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.1	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.4	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.5	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.95	0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	10.3	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.8	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.3	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.5	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.5	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.9	0.080	0.50	
594-20-7	2,2-Dichloropropane	9.58	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.8	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.5	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.4	0.12	0.50	
60-29-7	Diethyl Ether	10.8	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.5	0.030	0.50	
123-91-1	1,4-Dioxane	108	3.5	50	V-16
100-41-4	Ethylbenzene	10.6	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.2	0.26	0.50	
591-78-6	2-Hexanone (MBK)	112	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.3	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.2	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.8	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035906-BS1	File ID:	VC234027.D
Sampled:		Prepared:	08/22/11 12:39	Analyzed:	08/22/11 23:58
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.48	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	113	0.22	10	
91-20-3	Naphthalene	10.4	0.21	2.0	
103-65-1	n-Propylbenzene	10.7	0.040	1.0	
100-42-5	Styrene	10.6	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.6	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.4	0.18	0.50	
127-18-4	Tetrachloroethylene	11.0	0.14	1.0	
109-99-9	Tetrahydrofuran	9.54	1.0	10	
108-88-3	Toluene	10.8	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.6	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.8	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.81	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.7	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.0	0.080	1.0	
79-01-6	Trichloroethylene	10.9	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.62	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.2	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.4	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.3	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.2	0.060	1.0	
75-01-4	Vinyl Chloride	9.00	0.16	2.0	
108383/106423	m+p Xylene	21.5	0.070	2.0	
95-47-6	o-Xylene	10.5	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234027.D
Acq On : 22 Aug 2011 11:58 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 27 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

Quant Time: Aug 23 12:12:42 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	194681	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	300088	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.02	82	187489	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	202137	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	101749	24.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%				
49) TOLUENE SS	5.61	98	296097	24.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	151529	24.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	65245	10.27	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.88	51	47410	6.88	UG/L		99
5) CHLOROMETHANE	0.96	50	42107	8.36	UG/L		100
6) VINYL CHLORIDE	1.00	62	45375	9.00	UG/L		95
7) BROMOMETHANE	1.15	94	21533	6.44	UG/L		99
8) CHLOROETHANE	1.19	64	21684	9.43	UG/L		99
9) FLUORODICHLOROMETHANE	1.29	67	63296	8.02	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.31	101	64258	9.62	UG/L		100
11) ETHANOL	1.40	45	1023	Below Cal		#	53
12) DI ETHYL ETHER	1.45	59	29245	10.75	UG/L		95
13) ACROLEIN	1.52	56	54695	137.90	UG/L		98
14) ACETONE	1.61	43	132835	126.94	UG/L		100
15) 1,1-DICHLOROETHENE	1.57	61	64228	10.34	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIFLETH	1.57	101	36152	10.38	UG/L		98
17) IODOMETHANE	1.66	142	74341	13.31	UG/L		91
20) METHYL ACETATE	1.79	43	47795	8.22	UG/L		99
21) T-BUTYL ALCOHOL	1.93	59	36236	99.05	UG/L	#	95
22) ACRYLONITRILE	2.01	53	16714	10.18	UG/L		99
23) METHYLENE CHLORIDE	1.85	49	53087	9.48	UG/L		98
24) CARBON DISULFIDE	1.70	76	126457	12.03	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	150568	10.81	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.02	61	74646	11.53	UG/L		99
27) 1,1-DICHLOROETHANE	2.33	63	93184	10.79	UG/L		99
28) VINYL ACETATE	2.38	43	1002595	115.28	UG/L	#	100
29) DI ISOPROYL ETHER	2.39	45	159128	10.49	UG/L		99
31) 2-BUTANONE	2.87	43	207732	113.04	UG/L		99
32) T-BUTYL ETHYL ETHER	2.71	59	147476	9.15	UG/L		100
33) CIS-1,2-DICHLOROETHENE	2.84	61	83159	10.35	UG/L		99
34) 2,2-DICHLOROPROPANE	2.83	77	60630	9.58	UG/L		98
35) ETHYL ACETATE	2.94	43	46091m	9.21	UG/L		
38) BROMOCHLOROMETHANE	3.08	49	42461	10.86	UG/L		98
39) TETRAHYDROFURAN	3.14	42	11256	9.54	UG/L		91
40) CHLOROFORM	3.18	83	103117	10.73	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.34	97	89506	10.66	UG/L		99
42) CYCLOHEXANE	3.39	56	72122	10.42	UG/L		97
43) CARBON TETRACHLORIDE	3.51	117	60764	9.76	UG/L		100
44) 1,1-DICHLOROPROPENE	3.52	75	74201	10.83	UG/L		99
45) BENZENE	3.73	78	201722	11.06	UG/L		99
47) T-AMYLMETHYL ETHER	3.87	73	139880	10.79	UG/L		98
50) 1,2-DICHLOROETHANE	3.75	62	87128	10.75	UG/L		98
51) TRICHLOROETHENE	4.39	95	56749	10.93	UG/L		99
52) METHYLCYCLOHEXANE	4.56	83	62157	9.67	UG/L		99

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234027.D
Acq On : 22 Aug 2011 11:58 pm
Operator :
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 23 12:12:42 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

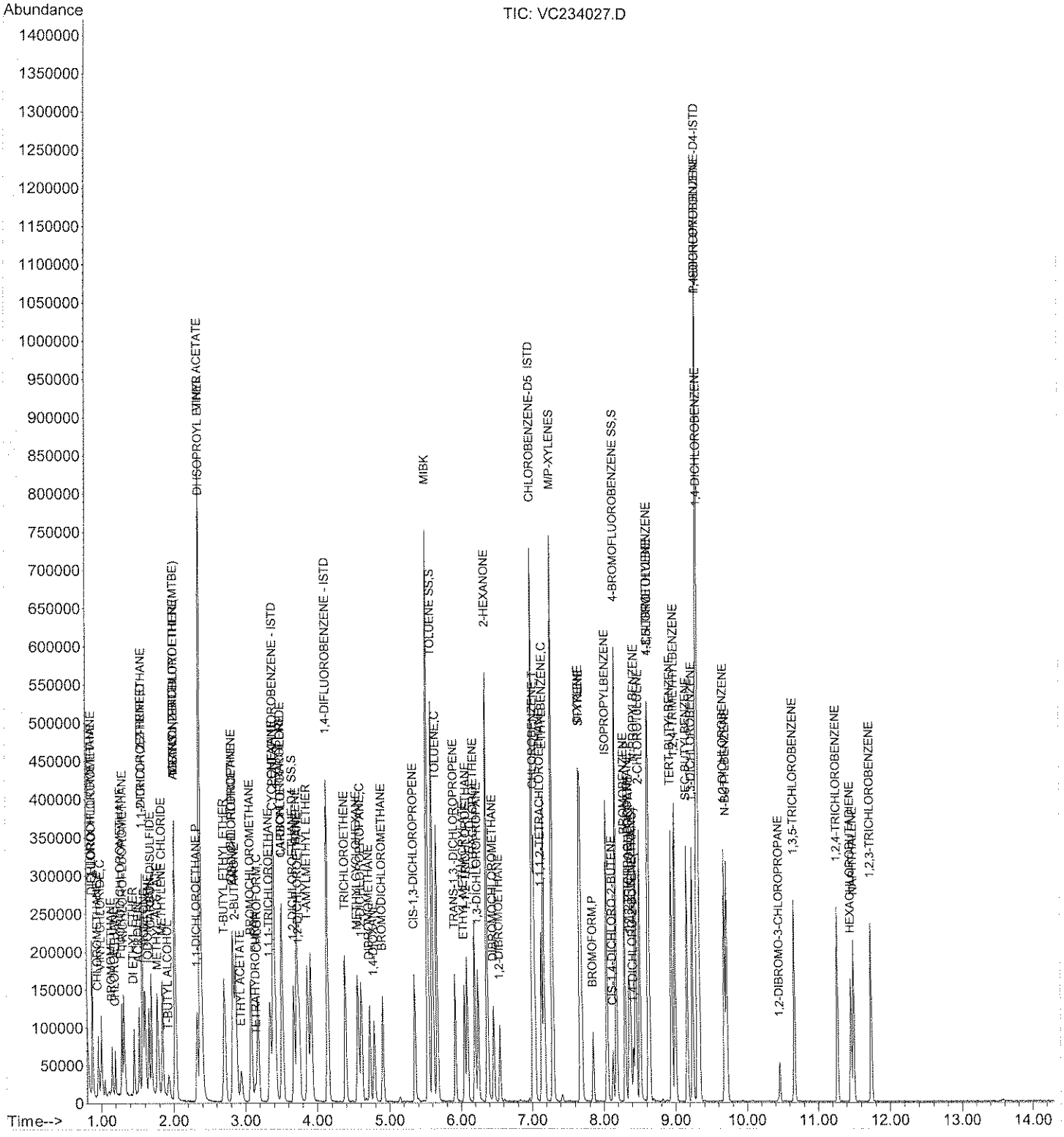
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	4.61	63	48580	10.48 UG/L	99
54) DIBROMOMETHANE	4.72	93	37327	11.11 UG/L	99
56) 1,4-DIOXANE	4.78	88	3728m	108.01 UG/L	
57) BROMODICHLOROMETHANE	4.91	83	73265	10.42 UG/L	99
59) MIBK	5.54	43	445908	112.88 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.35	75	76596	10.53 UG/L	100
61) TOLUENE	5.67	91	213990	10.77 UG/L	100
62) TRANS-1,3,-DICHLOROPROPENE	5.92	75	70794	11.39 UG/L	100
63) ETHYL METHACRYLATE	6.05	69	61001	10.96 UG/L	97
64) 1,1,2-TRICHLOROETHANE	6.09	97	48364	11.04 UG/L	99
65) 2-HEXANONE	6.37	43	308958	112.10 UG/L	100
66) TETRACHLOROETHENE	6.20	166	60976	10.99 UG/L	99
67) 1,3-DICHLOROPROPANE	6.25	76	78266	10.92 UG/L	99
68) DIBROMOCHLOROMETHANE	6.46	129	51975	10.68 UG/L	99
69) 1,2-DIBROMOETHANE	6.55	107	51177	10.87 UG/L	99
72) CHLOROBENZENE	7.04	112	140286	10.71 UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.14	131	47803	10.58 UG/L	98
74) ETHYLBENZENE	7.17	91	244143	10.63 UG/L	99
75) M/P-XYLENES	7.29	91	380055	21.48 UG/L	98
76) 0-XYLENE	7.67	91	195444	10.54 UG/L	98
77) STYRENE	7.69	104	148298	10.58 UG/L	96
78) BROMOFORM	7.85	173	32465	10.77 UG/L	98
79) ISOPROPYLBENZENE	8.05	105	221578	12.31 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.13	53	11066	7.72 UG/L	89
81) 1,1,2,2-TETRACHLOROETHANE	8.36	83	63897	11.40 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(TRAN	8.42	53	12551	7.95 UG/L	90
83) BROMOBENZENE	8.31	77	93614	10.51 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.38	75	44792	10.23 UG/L	99
85) N-PROPYLBENZENE	8.45	91	258887	10.67 UG/L	99
86) 2-CHLOROTOLUENE	8.51	91	163542	10.45 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.64	105	175359	10.22 UG/L	98
88) 4-CHLOROTOLUENE	8.62	91	194621	10.83 UG/L	99
90) TERT-BUTYLBENZENE	8.94	119	147285	10.51 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	9.00	105	184916	10.34 UG/L	100
92) SEC-BUTYLBENZENE	9.16	105	201435	10.50 UG/L	99
93) 1,3-DICHLOROBENZENE	9.24	146	115893	10.50 UG/L	100
94) P-ISOPROPYLTOLUENE	9.32	119	176284	11.22 UG/L	100
95) 1,4-DICHLOROBENZENE	9.33	146	120207	10.62 UG/L	99
96) N-BUTYLBENZENE	9.72	91	149385	10.13 UG/L	98
97) 1,2-DICHLOROBENZENE	9.69	146	111403	10.36 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPROPAN	10.46	75	9599	10.28 UG/L	98
99) 1,3,5-TRICHLOROBENZENE	10.66	180	72619	9.81 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.27	180	69776	10.81 UG/L	100
101) HEXACHLOROBUTADIENE	11.46	225	30868	10.17 UG/L	99
102) NAPHTHALENE	11.50	128	138672	10.45 UG/L	100
103) 1,2,3-TRICHLOROBENZENE	11.74	180	61515	10.57 UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234027.D
Acq On : 22 Aug 2011 11:58 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 23 12:12:42 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035906-BSD1	File ID:	VC234028.D
Sampled:		Prepared:	08/22/11 12:39	Analyzed:	08/23/11 00:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	104	0.54	50	
107-13-1	Acrylonitrile	9.28	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.2	0.11	0.50	
71-43-2	Benzene	10.1	0.050	1.0	
108-86-1	Bromobenzene	9.94	0.10	1.0	
74-97-5	Bromochloromethane	10.4	0.10	1.0	
75-27-4	Bromodichloromethane	9.91	0.080	0.50	
75-25-2	Bromoform	10.3	0.25	1.0	
74-83-9	Bromomethane	6.89	0.38	2.0	
78-93-3	2-Butanone (MEK)	100	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	81.8	3.5	20	
104-51-8	n-Butylbenzene	9.42	0.050	1.0	
135-98-8	sec-Butylbenzene	9.72	0.050	1.0	
98-06-6	tert-Butylbenzene	9.64	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	8.60	0.070	0.50	
75-15-0	Carbon Disulfide	10.3	0.050	2.0	
56-23-5	Carbon Tetrachloride	8.99	0.090	5.0	
108-90-7	Chlorobenzene	9.99	0.050	1.0	
124-48-1	Chlorodibromomethane	10.5	0.12	0.50	
75-00-3	Chloroethane	8.55	0.33	2.0	
67-66-3	Chloroform	9.96	0.040	2.0	
74-87-3	Chloromethane	7.48	0.13	2.0	
95-49-8	2-Chlorotoluene	9.75	0.050	1.0	
106-43-4	4-Chlorotoluene	9.88	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.33	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.3	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035906-BSD1	File ID:	VC234028.D
Sampled:		Prepared:	08/22/11 12:39	Analyzed:	08/23/11 00:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.3	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.99	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	9.76	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.95	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.23	0.77	5.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.31	0.040	2.0	
75-34-3	1,1-Dichloroethane	9.92	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.3	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.29	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.46	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.7	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.2	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.4	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.53	0.13	1.0	
563-58-6	1,1-Dichloropropene	9.78	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.93	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.9	0.12	0.50	
60-29-7	Diethyl Ether	10.1	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.58	0.030	0.50	
123-91-1	1,4-Dioxane	95.8	3.5	50	V-16
100-41-4	Ethylbenzene	9.73	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.03	0.26	0.50	
591-78-6	2-Hexanone (MBK)	99.2	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.2	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.2	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.1	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0747
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B035906-BSD1	File ID:	VC234028.D
Sampled:		Prepared:	08/22/11 12:39	Analyzed:	08/23/11 00:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B035906	Sequence:	S001083	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.17	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	103	0.22	10	
91-20-3	Naphthalene	9.33	0.21	2.0	
103-65-1	n-Propylbenzene	9.69	0.040	1.0	
100-42-5	Styrene	9.95	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.0	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.96	0.18	0.50	
127-18-4	Tetrachloroethylene	9.61	0.14	1.0	
109-99-9	Tetrahydrofuran	8.71	1.0	10	
108-88-3	Toluene	10.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.95	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.2	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.16	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.0	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.4	0.080	1.0	
79-01-6	Trichloroethylene	9.96	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	8.45	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.28	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.25	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.57	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.60	0.060	1.0	
75-01-4	Vinyl Chloride	8.27	0.16	2.0	
108383/106423	m+p Xylene	19.6	0.070	2.0	
95-47-6	o-Xylene	9.77	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234028.D
Acq On : 23 Aug 2011 12:29 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 28 Sample Multiplier: 1

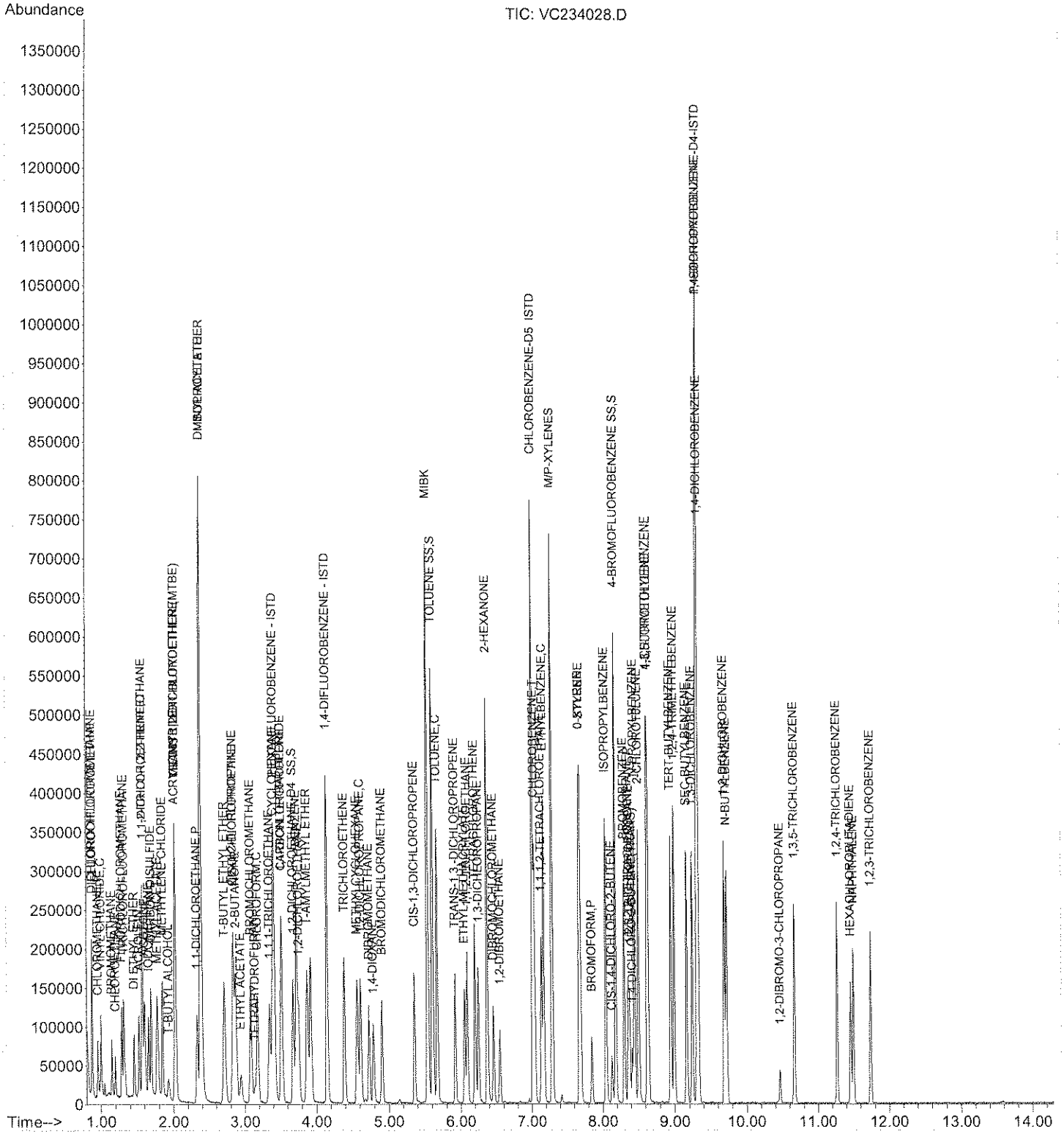
Quant Time: Aug 23 12:13:51 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 23 2011

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	204494	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.14	114	308641	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	195592	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	207649	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	107100	24.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.00%				
49) TOLUENE SS	5.61	98	312251	25.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.32%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	158313	24.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	62159	9.31	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.88	51	44263	6.12	UG/L		98
5) CHLOROMETHANE	0.96	50	39583	7.48	UG/L		98
6) VINYL CHLORIDE	1.00	62	43829	8.27	UG/L		99
7) BROMOMETHANE	1.15	94	24170	6.89	UG/L		99
8) CHLOROETHANE	1.20	64	20654	8.55	UG/L		94
9) FLUORODICHLOROMETHANE	1.28	67	60573	7.31	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.31	101	59292	8.45	UG/L		97
11) ETHANOL	1.40	45	512	Below Cal		#	43
12) DI ETHYL ETHER	1.45	59	28835	10.09	UG/L		98
13) ACROLEIN	1.52	56	51837	124.43	UG/L		96
14) ACETONE	1.60	43	114000	103.71	UG/L		98
15) 1,1-DICHLOROETHENE	1.57	61	60599	9.29	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIFLETH	1.57	101	33861	9.25	UG/L		100
17) IODOMETHANE	1.66	142	68650	11.70	UG/L		93
20) METHYL ACETATE	1.79	43	46246	7.57	UG/L		99
21) T-BUTYL ALCOHOL	1.93	59	31435	81.80	UG/L	#	97
22) ACRYLONITRILE	2.01	53	16003	9.28	UG/L		98
23) METHYLENE CHLORIDE	1.85	49	53963	9.17	UG/L		97
24) CARBON DISULFIDE	1.70	76	113925	10.32	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	147858	10.10	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.02	61	72815	10.70	UG/L		99
27) 1,1-DICHLOROETHANE	2.33	63	90009	9.92	UG/L		98
28) VINYL ACETATE	2.38	43	975353	106.76	UG/L	#	100
29) DI ISOPROYL ETHER	2.39	45	152647	9.58	UG/L		100
31) 2-BUTANONE	2.87	43	192999	99.98	UG/L		99
32) T-BUTYL ETHYL ETHER	2.71	59	145533	8.60	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.84	61	79841	9.46	UG/L		98
34) 2,2-DICHLOROPROPANE	2.83	77	56708	8.53	UG/L		97
35) ETHYL ACETATE	2.94	43	36964	7.03	UG/L	#	89
38) BROMOCHLOROMETHANE	3.08	49	42594	10.37	UG/L		99
39) TETRAHYDROFURAN	3.14	42	10799	8.71	UG/L		98
40) CHLOROFORM	3.18	83	100540	9.96	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.34	97	88687	10.05	UG/L		98
42) CYCLOHEXANE	3.39	56	68629	9.44	UG/L		99
43) CARBON TETRACHLORIDE	3.51	117	57766	8.99	UG/L		99
44) 1,1-DICHLOROPROPENE	3.52	75	70395	9.78	UG/L		98
45) BENZENE	3.73	78	193804	10.12	UG/L		100
47) T-AMYLMETHYL ETHER	3.87	73	139376	10.23	UG/L		99
50) 1,2-DICHLOROETHANE	3.76	62	85628	10.27	UG/L		99
51) TRICHLOROETHENE	4.39	95	53193	9.96	UG/L		99
52) METHYLCYCLOHEXANE	4.56	83	59993	9.08	UG/L		99

Data Path : C:\MSDCHEM\1\DATA\082211\
Data File : VC234028.D
Acq On : 23 Aug 2011 12:29 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 23 12:13:51 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



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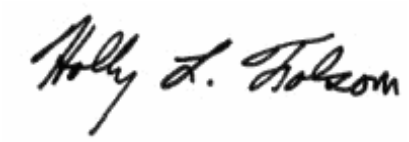
August 29, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.02
Laboratory Work Order Number: 11H0747

Enclosed are results of analyses for samples received by the laboratory on August 19, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

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

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 8/29/2011

PURCHASE ORDER NUMBER: 002699.ID25.02

PROJECT NUMBER: 002699.ID25.02

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0747

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

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-08152011	11H0747-01	Trip Blank Water		SW-846 8260C	
PW19-75	11H0747-02	Water		SW-846 8260C	
PW19-100	11H0747-03	Water		SW-846 8260C	
PW19-125	11H0747-04	Water		SW-846 8260C	
PW19-150	11H0747-05	Water		SW-846 8260C	
PW19-175	11H0747-06	Water		SW-846 8260C	
PW17-25	11H0747-07	Water		SW-846 6010C	
				SW-846 8260C	
PW17-50	11H0747-08	Water		SW-846 6010C	
				SW-846 8260C	
PW17-75	11H0747-09	Water		SW-846 6010C	
				SW-846 8260C	
PW17-100	11H0747-10	Water		SW-846 6010C	
				SW-846 8260C	

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CASE NARRATIVE SUMMARY

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

SW-846 6010C

Qualifications:

Sample prepared at a dilution due to reactive sample matrix. Requested reporting limit may not be met.

Analyte & Samples(s) Qualified:

11H0747-10[PW17-100]

SW-846 8260C

Qualifications:

pH of sample (pH 5) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

11H0747-04[PW19-125], 11H0747-05[PW19-150], 11H0747-06[PW19-175], 11H0747-07[PW17-25], 11H0747-08[PW17-50], 11H0747-09[PW17-75], 11H0747-10[PW17-100]

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

Analyte & Samples(s) Qualified:

11H0747-02[PW19-75], 11H0747-03[PW19-100]

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

Analyte & Samples(s) Qualified:

1,4-Dioxane

11H0747-01[TB-08152011], 11H0747-02[PW19-75], 11H0747-03[PW19-100], 11H0747-04[PW19-125], 11H0747-05[PW19-150], 11H0747-06[PW19-175], 11H0747-07[PW17-25], 11H0747-08[PW17-50], 11H0747-09[PW17-75], 11H0747-10[PW17-100], B035906-BLK1, B035906-BS1, B035906-BSD1

Sample poured into a new vial prior to analysis to due an excessive amount of sediment.

Analyte & Samples(s) Qualified:

11H0747-03[PW19-100], 11H0747-10[PW17-100]

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

Michael A. Erickson
Laboratory Director

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: TB-08152011 | Sampled: 8/15/2011 16:00

Sample ID: 11H0747-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: TB-08152011 | Sampled: 8/15/2011 16:00

Sample ID: 11H0747-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 1:59	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		8/23/11 1:59
Toluene-d8	101	70-130		8/23/11 1:59
4-Bromofluorobenzene	100	70-130		8/23/11 1:59

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-75 | Sampled: 8/15/2011 16:40

Sample ID: 11H0747-02

Sample Matrix: Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Benzene	74	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-75 | Sampled: 8/15/2011 16:40

Sample ID: 11H0747-02

Sample Matrix: Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Ethylbenzene	1.1	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Naphthalene	3.3	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Styrene	1.4	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Toluene	18	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
m+p Xylene	2.6	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD
o-Xylene	1.8	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 6:30	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		8/23/11 6:30
Toluene-d8	102	70-130		8/23/11 6:30
4-Bromofluorobenzene	98.3	70-130		8/23/11 6:30

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-100 | Sampled: 8/16/2011 10:30

Sample ID: 11H0747-03

Sample Matrix: Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-100 | Sampled: 8/16/2011 10:30

Sample ID: 11H0747-03

Sample Matrix: Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Ethylbenzene	2.7	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
m+p Xylene	13	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD
o-Xylene	7.1	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:00	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		8/23/11 7:00
Toluene-d8	100	70-130		8/23/11 7:00
4-Bromofluorobenzene	97.0	70-130		8/23/11 7:00

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-125 | Sampled: 8/16/2011 11:55

Sample ID: 11H0747-04

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,1-Dichloroethane	1.3	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-125 | Sampled: 8/16/2011 11:55

Sample ID: 11H0747-04

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Toluene	4.2	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:00	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.7	70-130		8/23/11 10:00
Toluene-d8	101	70-130		8/23/11 10:00
4-Bromofluorobenzene	98.9	70-130		8/23/11 10:00

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-150 | Sampled: 8/16/2011 15:20

Sample ID: 11H0747-05

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	63	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Benzene	22	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,1-Dichloroethane	2.6	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,1-Dichloroethylene	1.0	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-150 | Sampled: 8/16/2011 15:20

Sample ID: 11H0747-05

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Tetrachloroethylene	110	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Toluene	3.2	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Trichloroethylene	1.7	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 7:30	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.4	70-130		8/23/11 7:30
Toluene-d8	100	70-130		8/23/11 7:30
4-Bromofluorobenzene	97.1	70-130		8/23/11 7:30

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-175 | Sampled: 8/17/2011 07:30

Sample ID: 11H0747-06

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Benzene	1.6	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW19-175 | Sampled: 8/17/2011 07:30

Sample ID: 11H0747-06

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Toluene	1.0	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 10:31	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		8/23/11 10:31
Toluene-d8	102	70-130		8/23/11 10:31
4-Bromofluorobenzene	98.4	70-130		8/23/11 10:31

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-25 | Sampled: 8/18/2011 08:50

Sample ID: 11H0747-07

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-25 | Sampled: 8/18/2011 08:50

Sample ID: 11H0747-07

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:00	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		8/23/11 8:00
Toluene-d8	98.8	70-130		8/23/11 8:00
4-Bromofluorobenzene	97.9	70-130		8/23/11 8:00

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-25 | Sampled: 8/18/2011 08:50

Sample ID: 11H0747-07

Sample Matrix: Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/19/11	8/22/11 10:27	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/19/11	8/22/11 10:27	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-25 | Sampled: 8/18/2011 08:50

Sample ID: 11H0747-07

Sample Matrix: Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/22/11	8/23/11 23:35	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/22/11	8/23/11 23:35	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-50 | Sampled: 8/18/2011 09:30

Sample ID: 11H0747-08

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-50 | Sampled: 8/18/2011 09:30

Sample ID: 11H0747-08

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Tetrachloroethylene	2.0	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 8:30	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		8/23/11 8:30
Toluene-d8	100	70-130		8/23/11 8:30
4-Bromofluorobenzene	98.3	70-130		8/23/11 8:30

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-50 | Sampled: 8/18/2011 09:30

Sample ID: 11H0747-08

Sample Matrix: Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/19/11	8/22/11 10:32	OP
Chromium	0.014	0.010	mg/L	1		SW-846 6010C	8/19/11	8/22/11 10:32	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-50 | Sampled: 8/18/2011 09:30

Sample ID: 11H0747-08

Sample Matrix: Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/22/11	8/23/11 23:39	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/22/11	8/23/11 23:39	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-75 | Sampled: 8/18/2011 11:20

Sample ID: 11H0747-09

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-75 | Sampled: 8/18/2011 11:20

Sample ID: 11H0747-09

Sample Matrix: Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:00	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.1	70-130		8/23/11 9:00
Toluene-d8	99.6	70-130		8/23/11 9:00
4-Bromofluorobenzene	97.0	70-130		8/23/11 9:00

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-75 | Sampled: 8/18/2011 11:20

Sample ID: 11H0747-09

Sample Matrix: Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/19/11	8/22/11 10:36	OP
Chromium	0.049	0.010	mg/L	1		SW-846 6010C	8/19/11	8/22/11 10:36	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-75 | Sampled: 8/18/2011 11:20

Sample ID: 11H0747-09

Sample Matrix: Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/22/11	8/23/11 23:43	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/22/11	8/23/11 23:43	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-100 | Sampled: 8/18/2011 15:50

Sample ID: 11H0747-10

Sample Matrix: Water

Sample Flags: PR-08, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
cis-1,2-Dichloroethylene	4.9	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-100 | Sampled: 8/18/2011 15:50

Sample ID: 11H0747-10

Sample Matrix: Water

Sample Flags: PR-08, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Tetrachloroethylene	19	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Trichloroethylene	14	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/22/11	8/23/11 9:30	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.2	70-130		8/23/11 9:30
Toluene-d8	99.2	70-130		8/23/11 9:30
4-Bromofluorobenzene	97.8	70-130		8/23/11 9:30

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-100 | Sampled: 8/18/2011 15:50

Sample ID: 11H0747-10

Sample Matrix: Water

Sample Flags: Z-01a

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0080	mg/L	1		SW-846 6010C	8/19/11	8/22/11 10:40	OP
Chromium	5.8	0.020	mg/L	1		SW-846 6010C	8/19/11	8/22/11 10:40	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0747

Date Received: 8/19/2011

Field Sample #: PW17-100 | Sampled: 8/18/2011 15:50

Sample ID: 11H0747-10

Sample Matrix: Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/22/11	8/23/11 23:47	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/22/11	8/23/11 23:47	OP

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Sample Extraction Data

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0747-07 [PW17-25]	B035818	50.0	50.0	08/19/11
11H0747-08 [PW17-50]	B035818	50.0	50.0	08/19/11
11H0747-09 [PW17-75]	B035818	50.0	50.0	08/19/11
11H0747-10 [PW17-100]	B035818	25.0	50.0	08/19/11

Prep Method: SW-846 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0747-07 [PW17-25]	B035909	50.0	50.0	08/22/11
11H0747-08 [PW17-50]	B035909	50.0	50.0	08/22/11
11H0747-09 [PW17-75]	B035909	50.0	50.0	08/22/11
11H0747-10 [PW17-100]	B035909	50.0	50.0	08/22/11

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0747-01 [TB-08152011]	B035906	5	5.00	08/22/11
11H0747-02 [PW19-75]	B035906	5	5.00	08/22/11
11H0747-03 [PW19-100]	B035906	5	5.00	08/22/11
11H0747-04 [PW19-125]	B035906	5	5.00	08/22/11
11H0747-05 [PW19-150]	B035906	5	5.00	08/22/11
11H0747-06 [PW19-175]	B035906	5	5.00	08/22/11
11H0747-07 [PW17-25]	B035906	5	5.00	08/22/11
11H0747-08 [PW17-50]	B035906	5	5.00	08/22/11
11H0747-09 [PW17-75]	B035906	5	5.00	08/22/11
11H0747-10 [PW17-100]	B035906	5	5.00	08/22/11

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035906 - SW-846 5030B										
Blank (B035906-BLK1)				Prepared: 08/22/11 Analyzed: 08/23/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035906 - SW-846 5030B										
Blank (B035906-BLK1)				Prepared: 08/22/11 Analyzed: 08/23/11						
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		98.2	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.2	70-130			
LCS (B035906-BS1)				Prepared & Analyzed: 08/22/11						
Acetone	127	50	µg/L	100		127	70-160			†
Acrylonitrile	10.2	5.0	µg/L	10.0		102	70-130			
tert-Amyl Methyl Ether (TAME)	10.8	0.50	µg/L	10.0		108	70-130			
Benzene	11.1	1.0	µg/L	10.0		111	70-130			
Bromobenzene	10.5	1.0	µg/L	10.0		105	70-130			
Bromochloromethane	10.9	1.0	µg/L	10.0		109	70-130			
Bromodichloromethane	10.4	0.50	µg/L	10.0		104	70-130			
Bromoform	10.8	1.0	µg/L	10.0		108	70-130			
Bromomethane	6.44	2.0	µg/L	10.0		64.4	40-160			†
2-Butanone (MEK)	113	20	µg/L	100		113	40-160			†
tert-Butyl Alcohol (TBA)	99.0	20	µg/L	100		99.0	40-160			†
n-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130			
sec-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.15	0.50	µg/L	10.0		91.5	70-130			
Carbon Disulfide	12.0	2.0	µg/L	10.0		120	70-130			
Carbon Tetrachloride	9.76	5.0	µg/L	10.0		97.6	70-130			
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130			
Chlorodibromomethane	10.7	0.50	µg/L	10.0		107	70-130			
Chloroethane	9.43	2.0	µg/L	10.0		94.3	70-130			
Chloroform	10.7	2.0	µg/L	10.0		107	70-130			
Chloromethane	8.36	2.0	µg/L	10.0		83.6	40-160			†
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B035906 - SW-846 5030B											
LCS (B035906-BS1)				Prepared & Analyzed: 08/22/11							
4-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.3	5.0	µg/L	10.0		103	70-130				
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109	70-130				
Dibromomethane	11.1	1.0	µg/L	10.0		111	70-130				
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130				
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130				
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130				
trans-1,4-Dichloro-2-butene	7.95	5.0	µg/L	10.0		79.5	70-130				
Dichlorodifluoromethane (Freon 12)	10.3	2.0	µg/L	10.0		103	40-160				†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130				
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130				
1,1-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130				
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130				
trans-1,2-Dichloroethylene	11.5	1.0	µg/L	10.0		115	70-130				
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	70-130				
1,3-Dichloropropane	10.9	0.50	µg/L	10.0		109	70-130				
2,2-Dichloropropane	9.58	1.0	µg/L	10.0		95.8	40-130				†
1,1-Dichloropropene	10.8	2.0	µg/L	10.0		108	70-130				
cis-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130				
trans-1,3-Dichloropropene	11.4	0.50	µg/L	10.0		114	70-130				
Diethyl Ether	10.8	2.0	µg/L	10.0		108	70-130				
Diisopropyl Ether (DIPE)	10.5	0.50	µg/L	10.0		105	70-130				
1,4-Dioxane	108	50	µg/L	100		108	40-130			V-16	†
Ethylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
Hexachlorobutadiene	10.2	0.50	µg/L	10.0		102	70-130				
2-Hexanone (MBK)	112	10	µg/L	100		112	70-160				†
Isopropylbenzene (Cumene)	12.3	1.0	µg/L	10.0		123	70-130				
p-Isopropyltoluene (p-Cymene)	11.2	1.0	µg/L	10.0		112	70-130				
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108	70-130				
Methylene Chloride	9.48	5.0	µg/L	10.0		94.8	70-130				
4-Methyl-2-pentanone (MIBK)	113	10	µg/L	100		113	70-160				†
Naphthalene	10.4	2.0	µg/L	10.0		104	40-130				†
n-Propylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
Styrene	10.6	1.0	µg/L	10.0		106	70-130				
1,1,1,2-Tetrachloroethane	10.6	1.0	µg/L	10.0		106	70-130				
1,1,2,2-Tetrachloroethane	11.4	0.50	µg/L	10.0		114	70-130				
Tetrachloroethylene	11.0	1.0	µg/L	10.0		110	70-130				
Tetrahydrofuran	9.54	10	µg/L	10.0		95.4	70-130				
Toluene	10.8	1.0	µg/L	10.0		108	70-130				
1,2,3-Trichlorobenzene	10.6	5.0	µg/L	10.0		106	70-130				
1,2,4-Trichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130				
1,3,5-Trichlorobenzene	9.81	1.0	µg/L	10.0		98.1	70-130				
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130				
1,1,2-Trichloroethane	11.0	1.0	µg/L	10.0		110	70-130				
Trichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
Trichlorofluoromethane (Freon 11)	9.62	2.0	µg/L	10.0		96.2	70-130				
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.0		102	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104	70-130				
1,2,4-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130				
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
Vinyl Chloride	9.00	2.0	µg/L	10.0		90.0	40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035906 - SW-846 5030B										
LCS (B035906-BS1)				Prepared & Analyzed: 08/22/11						
m+p Xylene	21.5	2.0	µg/L	20.0		107	70-130			
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.7*		µg/L	25.0		98.8	70-130			
Surrogate: Toluene-d8	*24.7*		µg/L	25.0		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.2	70-130			
LCS Dup (B035906-BSD1)				Prepared: 08/22/11 Analyzed: 08/23/11						
Acetone	104	50	µg/L	100		104	70-160	20.1	25	†
Acrylonitrile	9.28	5.0	µg/L	10.0		92.8	70-130	9.25	25	
tert-Amyl Methyl Ether (TAME)	10.2	0.50	µg/L	10.0		102	70-130	5.33	25	
Benzene	10.1	1.0	µg/L	10.0		101	70-130	8.88	25	
Bromobenzene	9.94	1.0	µg/L	10.0		99.4	70-130	5.57	25	
Bromochloromethane	10.4	1.0	µg/L	10.0		104	70-130	4.62	25	
Bromodichloromethane	9.91	0.50	µg/L	10.0		99.1	70-130	5.02	25	
Bromoform	10.3	1.0	µg/L	10.0		103	70-130	4.27	25	
Bromomethane	6.89	2.0	µg/L	10.0		68.9	40-160	6.75	25	†
2-Butanone (MEK)	100	20	µg/L	100		100	40-160	12.3	25	†
tert-Butyl Alcohol (TBA)	81.8	20	µg/L	100		81.8	40-160	19.1	25	†
n-Butylbenzene	9.42	1.0	µg/L	10.0		94.2	70-130	7.26	25	
sec-Butylbenzene	9.72	1.0	µg/L	10.0		97.2	70-130	7.72	25	
tert-Butylbenzene	9.64	1.0	µg/L	10.0		96.4	70-130	8.64	25	
tert-Butyl Ethyl Ether (TBEE)	8.60	0.50	µg/L	10.0		86.0	70-130	6.20	25	
Carbon Disulfide	10.3	2.0	µg/L	10.0		103	70-130	15.3	25	
Carbon Tetrachloride	8.99	5.0	µg/L	10.0		89.9	70-130	8.21	25	
Chlorobenzene	9.99	1.0	µg/L	10.0		99.9	70-130	6.96	25	
Chlorodibromomethane	10.5	0.50	µg/L	10.0		105	70-130	1.99	25	
Chloroethane	8.55	2.0	µg/L	10.0		85.5	70-130	9.79	25	
Chloroform	9.96	2.0	µg/L	10.0		99.6	70-130	7.44	25	
Chloromethane	7.48	2.0	µg/L	10.0		74.8	40-160	11.1	25	†
2-Chlorotoluene	9.75	1.0	µg/L	10.0		97.5	70-130	6.93	25	
4-Chlorotoluene	9.88	1.0	µg/L	10.0		98.8	70-130	9.17	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.33	5.0	µg/L	10.0		93.3	70-130	9.69	25	
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103	70-130	5.48	25	
Dibromomethane	10.3	1.0	µg/L	10.0		103	70-130	7.66	25	
1,2-Dichlorobenzene	9.99	1.0	µg/L	10.0		99.9	70-130	3.64	25	
1,3-Dichlorobenzene	9.76	1.0	µg/L	10.0		97.6	70-130	7.31	25	
1,4-Dichlorobenzene	9.95	1.0	µg/L	10.0		99.5	70-130	6.51	25	
trans-1,4-Dichloro-2-butene	7.23	5.0	µg/L	10.0		72.3	70-130	9.49	25	
Dichlorodifluoromethane (Freon 12)	9.31	2.0	µg/L	10.0		93.1	40-160	9.81	25	†
1,1-Dichloroethane	9.92	1.0	µg/L	10.0		99.2	70-130	8.40	25	
1,2-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130	4.57	25	
1,1-Dichloroethylene	9.29	1.0	µg/L	10.0		92.9	70-130	10.7	25	
cis-1,2-Dichloroethylene	9.46	1.0	µg/L	10.0		94.6	70-130	8.99	25	
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	7.47	25	
1,2-Dichloropropane	10.2	1.0	µg/L	10.0		102	70-130	3.20	25	
1,3-Dichloropropane	10.4	0.50	µg/L	10.0		104	70-130	5.17	25	
2,2-Dichloropropane	8.53	1.0	µg/L	10.0		85.3	40-130	11.6	25	†
1,1-Dichloropropene	9.78	2.0	µg/L	10.0		97.8	70-130	10.2	25	
cis-1,3-Dichloropropene	9.93	0.50	µg/L	10.0		99.3	70-130	5.87	25	
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.0		109	70-130	4.30	25	
Diethyl Ether	10.1	2.0	µg/L	10.0		101	70-130	6.33	25	
Diisopropyl Ether (DIPE)	9.58	0.50	µg/L	10.0		95.8	70-130	9.07	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B035906 - SW-846 5030B											
LCS Dup (B035906-BSD1)				Prepared: 08/22/11 Analyzed: 08/23/11							
1,4-Dioxane	95.8	50	µg/L	100		95.8	40-130	12.0	50	V-16	† ‡
Ethylbenzene	9.73	1.0	µg/L	10.0		97.3	70-130	8.84	25		
Hexachlorobutadiene	9.03	0.50	µg/L	10.0		90.3	70-130	11.9	25		
2-Hexanone (MBK)	99.2	10	µg/L	100		99.2	70-160	12.2	25		†
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.0		112	70-130	9.00	25		
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.0		102	70-130	9.52	25		
Methyl tert-Butyl Ether (MTBE)	10.1	1.0	µg/L	10.0		101	70-130	6.79	25		
Methylene Chloride	9.17	5.0	µg/L	10.0		91.7	70-130	3.32	25		
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100		103	70-160	9.60	25		†
Naphthalene	9.33	2.0	µg/L	10.0		93.3	40-130	11.3	25		†
n-Propylbenzene	9.69	1.0	µg/L	10.0		96.9	70-130	9.63	25		
Styrene	9.95	1.0	µg/L	10.0		99.5	70-130	6.14	25		
1,1,1,2-Tetrachloroethane	10.0	1.0	µg/L	10.0		100	70-130	5.44	25		
1,1,2,2-Tetrachloroethane	9.96	0.50	µg/L	10.0		99.6	70-130	13.5	25		
Tetrachloroethylene	9.61	1.0	µg/L	10.0		96.1	70-130	13.4	25		
Tetrahydrofuran	8.71	10	µg/L	10.0		87.1	70-130	9.10	25		
Toluene	10.1	1.0	µg/L	10.0		101	70-130	6.32	25		
1,2,3-Trichlorobenzene	9.95	5.0	µg/L	10.0		99.5	70-130	6.04	25		
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	5.81	25		
1,3,5-Trichlorobenzene	9.16	1.0	µg/L	10.0		91.6	70-130	6.85	25		
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	5.89	25		
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130	6.07	25		
Trichloroethylene	9.96	1.0	µg/L	10.0		99.6	70-130	9.29	25		
Trichlorofluoromethane (Freon 11)	8.45	2.0	µg/L	10.0		84.5	70-130	12.9	25		
1,2,3-Trichloropropane	9.28	2.0	µg/L	10.0		92.8	70-130	9.74	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.25	1.0	µg/L	10.0		92.5	70-130	11.5	25		
1,2,4-Trimethylbenzene	9.57	1.0	µg/L	10.0		95.7	70-130	7.73	25		
1,3,5-Trimethylbenzene	9.60	1.0	µg/L	10.0		96.0	70-130	6.26	25		
Vinyl Chloride	8.27	2.0	µg/L	10.0		82.7	40-160	8.45	25		†
m+p Xylene	19.6	2.0	µg/L	20.0		98.0	70-130	9.20	25		
o-Xylene	9.77	1.0	µg/L	10.0		97.7	70-130	7.58	25		
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.0	70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4	70-130				

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035818 - SW-846 3005A										
Blank (B035818-BLK1)				Prepared: 08/19/11 Analyzed: 08/22/11						
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
LCS (B035818-BS1)				Prepared: 08/19/11 Analyzed: 08/22/11						
Cadmium	0.533	0.0040	mg/L	0.500		107	80-120			
Chromium	0.548	0.010	mg/L	0.500		110	80-120			
LCS Dup (B035818-BSD1)				Prepared: 08/19/11 Analyzed: 08/22/11						
Cadmium	0.538	0.0040	mg/L	0.500		108	80-120	0.965	20	
Chromium	0.555	0.010	mg/L	0.500		111	80-120	1.21	20	

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B035909 - SW-846 3005A Dissolved										
Blank (B035909-BLK1)				Prepared: 08/22/11 Analyzed: 08/23/11						
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
LCS (B035909-BS1)				Prepared: 08/22/11 Analyzed: 08/23/11						
Cadmium	0.509	0.0040	mg/L	0.500		102	80-120			
Chromium	0.508	0.010	mg/L	0.500		102	80-120			
LCS Dup (B035909-BSD1)				Prepared: 08/22/11 Analyzed: 08/23/11						
Cadmium	0.508	0.0040	mg/L	0.500		102	80-120	0.248	20	
Chromium	0.506	0.010	mg/L	0.500		101	80-120	0.317	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
PR-08	pH of sample (pH 5) is outside of method specified preservation criteria.
PR-10	pH of sample (pH 7) is outside of method specified preservation criteria.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
Z-01	Sample poured into a new vial prior to analysis to due an excessive amount of sediment.
Z-01a	Sample prepared at a dilution due to reactive sample matrix. Requested reporting limit may not be met.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Cadmium	CT,NH,NY,RI,ME,NC
Cadmium	CT,NH,NY,RI,ME,NC
Chromium	CT,NH,NY,RI,ME,NC
Chromium	CT,NH,NY,RI,ME,NC
SW-846 8260C in Water	
Acetone	CT,NH,NY,NC,ME
Acrylonitrile	CT,NY,NC,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,NC,ME
Benzene	CT,NH,NY,NC,ME,RI
Bromobenzene	NC
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME,RI
Bromoform	CT,NH,NY,NC,ME,RI
Bromomethane	CT,NH,NY,NC,ME,RI
2-Butanone (MEK)	CT,NH,NY,NC,ME
tert-Butyl Alcohol (TBA)	NH,NY,NC,ME
n-Butylbenzene	NY,NC,ME
sec-Butylbenzene	NY,NC,ME
tert-Butylbenzene	NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,NC,ME
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME,RI
Chlorobenzene	CT,NH,NY,NC,ME,RI
Chlorodibromomethane	CT,NH,NY,NC,ME,RI
Chloroethane	CT,NH,NY,NC,ME,RI
Chloroform	CT,NH,NY,NC,ME,RI
Chloromethane	CT,NH,NY,NC,ME,RI
2-Chlorotoluene	NY,NC,ME
4-Chlorotoluene	NY,NC,ME
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NY,NC,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,ME,RI
1,1-Dichloroethane	CT,NH,NY,NC,ME,RI
1,2-Dichloroethane	CT,NH,NY,NC,ME,RI
1,1-Dichloroethylene	CT,NH,NY,NC,ME,RI
cis-1,2-Dichloroethylene	NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME,RI
1,2-Dichloropropane	CT,NH,NY,NC,ME,RI
1,3-Dichloropropane	NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NH,NY,NC,ME
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME,RI
Hexachlorobutadiene	CT,NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	NY,NC,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC,ME
Methylene Chloride	CT,NH,NY,NC,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC,ME
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	CT,NH,NY,NC,ME
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME,RI
Tetrachloroethylene	CT,NH,NY,NC,ME,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME,RI
1,2,3-Trichlorobenzene	NH,NY,NC,ME
1,2,4-Trichlorobenzene	CT,NH,NY,NC,ME
1,3,5-Trichlorobenzene	NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,ME,RI
Trichloroethylene	CT,NH,NY,NC,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME,RI
1,2,3-Trichloropropane	NH,NY,NC,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,NC
1,2,4-Trimethylbenzene	NY,NC,ME
1,3,5-Trimethylbenzene	NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME,RI
m+p Xylene	CT,NH,NY,NC,ME,RI
o-Xylene	CT,NH,NY,NC,ME,RI

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

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of ____

11H0747

Company Name: Ecology & Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: B. Kroon / R Watt
Project Location: Farmingdale, NY
Sampled By: MHoranburg / MCheplowitz RW AIT

Telephone: 716-684-8060
Project # 002699.1025.02
Client PO#

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: per contract
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER_____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/~~Time~~	Collection ~~Ending Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers: VOCs (8260)	** Preservation: VOCs (8260)	ANALYSIS REQUESTED: Total Cadmium/Chromium (6010)	ANALYSIS REQUESTED: Soluble Cadmium/Chromium (6010)
								3	2	L	I
								H	H	N	N
								V	V	P	P
-01	TB-08152011	8/15/11	1600		X	GW	C	2			
-02	PW19-75	8/15/11	1640		X	GW	L	3			
-03	PW19-100	8/16/11	1030		X	GW	L	3			
-04	PW19-125	8/16/11	1155		X	GW	L	3			
-05	PW19-150	8/16/11	1520		X	GW	L	3			
-06	PW19-175	8/17/11	0730		X	GW	L	3			
-07	PW17-25	8/18/11	0850		X	GW	L	3		1	1
-08	PW17-50	8/18/11	0930		X	GW	L	3		1	1
-09	PW17-75	8/18/11	1120		X	GW	L	3		1	1
-10	PW17-100	8/18/11	1550		X	GW	L	3		1	1

Comments:

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

*****Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

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

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

Relinquished by: (signature)	Date/Time:
[signature]	8/18/11 1755
Received by: (signature) Wentworth 3.6°C	Date/Time: 8/19/11 09:57
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____ per contract
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

United States

New User | Log-In | Contact UPS | The UPS Sto

My UPS Shipping Tracking Freight Locations Support Business Solutions

Tracking Number

Log-In for additional tracking details.

Tracking Detail

K0407412457

Updated: 08/19

Delivered

Delivered On:
Friday, 08/19/2011 at 9:51 A.M.

Left At:
Office

Signed By:
PIEKOWSKI

Proof of Delivery

Request Status Updates

Shippi

To:

Shipp

UPS

Additional Information

Type:

Package

Shipment Progress

What's This?

Subscribe to UPS E-mail: *Enter e-mail address*

View Examples

Contact UPS
Browse Online Support
E-mail UPS
Call Customer Service

Support
Get Started
Register
Open a Shipping Account
Change Your Delivery

Solutions for:
Healthcare
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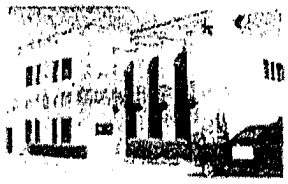
Sample Receipt Checklist



CLIENT NAME: Ecology + Env. RECEIVED BY: AP DATE: 8/19/11

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

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.6°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	8	Plastic Bag / Ziploc	
40 mL Vial - type listed below	28	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: One vial for PW19-150 broken at receipt. AP 8/19/11

40 mL vials: # HCl 28 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: (Yes) No N/A <2

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

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ANALYTICAL LABORATORY
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ICP

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1 - FORM I
ANALYSIS DATA SHEET
PW17-125

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-02
Sampled:	08/19/11 07:40		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	U	B036076	08/24/11 19:19	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036132	08/25/11 14:51	SW-846 6010C
7440-47-3	Chromium	0.011	0.0034	0.010	1		B036076	08/24/11 19:19	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036132	08/25/11 14:51	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW17-150

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-03
Sampled:	08/19/11 09:55		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	U	B036076	08/24/11 20:33	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036132	08/25/11 15:19	SW-846 6010C
7440-47-3	Chromium		0.0034	0.010	1	U	B036076	08/24/11 20:33	SW-846 6010C
7440-47-3	Chromium (dissolved)	0.37	0.0034	0.010	1		B036132	08/25/11 15:19	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW17-150/Q

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-04
Sampled:	08/19/11 09:55		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	U	B036076	08/24/11 20:39	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036132	08/25/11 15:24	SW-846 6010C
7440-47-3	Chromium		0.0034	0.010	1	U	B036076	08/24/11 20:39	SW-846 6010C
7440-47-3	Chromium (dissolved)	0.43	0.0034	0.010	1		B036132	08/25/11 15:24	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW17-175

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-05
Sampled:	08/19/11 12:00		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	U	B036076	08/24/11 20:42	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036132	08/25/11 15:28	SW-846 6010C
7440-47-3	Chromium		0.0034	0.010	1	U	B036076	08/24/11 20:42	SW-846 6010C
7440-47-3	Chromium (dissolved)	0.86	0.0034	0.010	1		B036132	08/25/11 15:28	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW17-200

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-06
Sampled:	08/19/11 14:45		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	U	B036076	08/24/11 20:47	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036132	08/25/11 15:33	SW-846 6010C
7440-47-3	Chromium	0.19	0.0034	0.010	1		B036076	08/24/11 20:47	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036132	08/25/11 15:33	SW-846 6010C

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001030

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001030-ICV1	Cadmium (dissolved)	1.00	1.07	107	mg/L	+/- 10.00%
	Chromium (dissolved)	1.00	1.03	103	mg/L	+/- 10.00%
S001030-CCV1	Cadmium (dissolved)	5.00	5.17	103	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.13	103	mg/L	+/- 10.00%
S001030-CCV2	Cadmium (dissolved)	5.00	5.06	101	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.08	102	mg/L	+/- 10.00%
S001030-CCV3	Cadmium (dissolved)	5.00	5.15	103	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.12	102	mg/L	+/- 10.00%
S001030-CCV4	Cadmium (dissolved)	5.00	5.20	104	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.12	102	mg/L	+/- 10.00%
S001030-CCV5	Cadmium (dissolved)	5.00	5.18	104	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.10	102	mg/L	+/- 10.00%

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001031

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001031-ICV1	Cadmium	1.00	1.08	108	mg/L	+/- 10.00%
	Chromium	1.00	1.03	103	mg/L	+/- 10.00%
S001031-ICV2	Cadmium	1.00	1.07	107	mg/L	+/- 10.00%
	Chromium	1.00	1.04	104	mg/L	+/- 10.00%
S001031-CCV1	Cadmium	5.00	5.11	102	mg/L	+/- 10.00%
	Chromium	5.00	5.10	102	mg/L	+/- 10.00%
S001031-CCV2	**Cadmium**	**5.00**	**5.53**	**111**	**mg/L**	+/- 10.00%
	Chromium	5.00	5.35	107	mg/L	+/- 10.00%
S001031-CCV3	**Cadmium**	**5.00**	**5.54**	**111**	**mg/L**	+/- 10.00%
	Chromium	5.00	5.39	108	mg/L	+/- 10.00%
S001031-CCV4	Cadmium	5.00	5.43	109	mg/L	+/- 10.00%
	Chromium	5.00	5.26	105	mg/L	+/- 10.00%
S001031-CCV5	Cadmium	5.00	5.43	109	mg/L	+/- 10.00%
	Chromium	5.00	5.28	106	mg/L	+/- 10.00%
S001031-CCV6	Cadmium	5.00	5.45	109	mg/L	+/- 10.00%
	Chromium	5.00	5.28	106	mg/L	+/- 10.00%
S001031-CCV7	Cadmium	5.00	5.46	109	mg/L	+/- 10.00%
	Chromium	5.00	5.27	105	mg/L	+/- 10.00%
S001031-CCV8	Cadmium	5.00	5.47	109	mg/L	+/- 10.00%
	Chromium	5.00	5.28	106	mg/L	+/- 10.00%

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001030		

Lab Sample ID	Analyte	Found	Units	RL	C
S001030-ICB1	Cadmium (dissolved)	1.96E-4	mg/L	0.0040	U
	Chromium (dissolved)	1.34E-4	mg/L	0.010	U
S001030-CCB2	Cadmium (dissolved)	0.00012	mg/L	0.0040	U
	Chromium (dissolved)	5.6E-5	mg/L	0.010	U
B036132-BLK1	Cadmium (dissolved)	9.7E-5	mg/L	0.0040	U
	Chromium (dissolved)	0.00020	mg/L	0.010	U
S001030-CCB3	Cadmium (dissolved)	0.00017	mg/L	0.0040	U
	Chromium (dissolved)	0.00012	mg/L	0.010	U
S001030-CCB4	Cadmium (dissolved)	1.9E-5	mg/L	0.0040	U
	Chromium (dissolved)	0.00012	mg/L	0.010	U
S001030-CCB5	Cadmium (dissolved)	-2.5E-5	mg/L	0.0040	U
	Chromium (dissolved)	7.5E-5	mg/L	0.010	U
S001030-CCB6	Cadmium (dissolved)	0.00020	mg/L	0.0040	U
	Chromium (dissolved)	0.00014	mg/L	0.010	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001031		

Lab Sample ID	Analyte	Found	Units	RL	C
S001031-ICB1	Cadmium	5.39E-4	mg/L	0.0040	U
	Chromium	3.80E-4	mg/L	0.010	U
S001031-CCB2	Cadmium	0.00059	mg/L	0.0040	U
	Chromium	0.00029	mg/L	0.010	U
S001031-CCB3	Cadmium	0.00065	mg/L	0.0040	U
	Chromium	0.00028	mg/L	0.010	U
B036076-BLK1	Cadmium	0.00031	mg/L	0.0040	U
	Chromium	0.00011	mg/L	0.010	U
S001031-CCB4	Cadmium	0.00048	mg/L	0.0040	U
	Chromium	0.00033	mg/L	0.010	U
S001031-CCB5	Cadmium	0.00039	mg/L	0.0040	U
	Chromium	0.00018	mg/L	0.010	U
S001031-CCB6	Cadmium	0.00044	mg/L	0.0040	U
	Chromium	0.00025	mg/L	0.010	U

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001030		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001030-IFA1	Cadmium (dissolved)	0.00		0.00		mg/L
	Chromium (dissolved)	0.01		0.00		mg/L
S001030-IFB1	Cadmium (dissolved)	0.00	1.00	1.11	111	mg/L
	Chromium (dissolved)	0.01	0.500	0.52	105	mg/L
S001030-IFA2	Cadmium (dissolved)	0.00		0.00		mg/L
	Chromium (dissolved)	0.01		0.00		mg/L
S001030-IFB2	Cadmium (dissolved)	0.00	1.00	1.08	108	mg/L
	Chromium (dissolved)	0.01	0.500	0.51	102	mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001031		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001031-IFA1	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001031-IFB1	Cadmium	0.00	1.00	1.10	110	mg/L
	Chromium	0.01	0.500	0.52	105	mg/L
S001031-IFA2	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001031-IFB2	Cadmium	0.00	1.00	1.17	117	mg/L
	Chromium	0.01	0.500	0.54	109	mg/L
S001031-IFA3	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001031-IFB3	Cadmium	0.00	1.00	1.16	116	mg/L
	Chromium	0.01	0.500	0.54	107	mg/L

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 6010C
Batch:	B036076	Preparation:	SW-846 3005A
% Solids:		Laboratory ID:	B036076-MS1
Column:		Sample Lab ID:	11H0909-02

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Cadmium	0.500	ND	0.573	115	75 - 125
Chromium	0.500	0.0111	0.547	107	75 - 125

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Cadmium	0.500	0.583	117	1.66	20	75 - 125
Chromium	0.500	0.555	109	1.47	20	75 - 125

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 6010C
Batch:	B036132	Preparation:	SW-846 3005A Dissolved
% Solids:		Laboratory ID:	B036132-MS1
Column:		Sample Lab ID:	11H0909-02

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Cadmium (dissolved)	0.500	ND	0.558	112	75 - 125
Chromium (dissolved)	0.500	ND	0.531	106	75 - 125

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.554	111	0.719	20	75 - 125
Chromium (dissolved)	0.500	0.530	106	0.0756	20	75 - 125

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DUPLICATES

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B036076-DUP1
Batch:	B036076	Initial/Final:	50 mL / 50 mL
Preparation:	SW-846 3005A	Analysis:	SW-846 6010C

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Cadmium	ND	0.0040 U			20
Chromium	0.0111	0.0108	2.24		20

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DUPLICATES

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B036132-DUP1
Batch:	B036132	Initial/Final:	50 mL / 50 mL
Preparation:	SW-846 3005A Dissolved	Analysis:	SW-846 6010C

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Cadmium (dissolved)	ND	0.0040 U			20
Chromium (dissolved)	ND	0.010 U			20

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A
Batch:	B036076	Laboratory ID:	B036076-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Cadmium	0.500	0.571	114	80 - 120
Chromium	0.500	0.550	110	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium	0.500	0.576	115	0.893	20	80 - 120
Chromium	0.500	0.554	111	0.856	20	80 - 120

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A Dissolved
Batch:	B036132	Laboratory ID:	B036132-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.547	109	80 - 120
Chromium (dissolved)	0.500	0.544	109	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.539	108	1.52	20	80 - 120
Chromium (dissolved)	0.500	0.536	107	1.45	20	80 - 120

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 11H0909
Client: Ecology & Environment
Matrix: Water
Instrument: ICP2

Analyte	MDL	MRL	Units	Method
Cadmium	0.0018	0.0040	mg/L	SW-846 6010C
Cadmium (dissolved)	0.0018	0.0040	mg/L	SW-846 6010C
Chromium	0.0034	0.010	mg/L	SW-846 6010C
Chromium (dissolved)	0.0034	0.010	mg/L	SW-846 6010C

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PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036076 Batch Matrix: Water	Preparation:	SW-846 3005A

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
PW17-125	11H0909-02	08/24/11 09:33	50.00	50.00
PW17-150	11H0909-03	08/24/11 09:33	50.00	50.00
PW17-150/Q	11H0909-04	08/24/11 09:33	50.00	50.00
PW17-175	11H0909-05	08/24/11 09:33	50.00	50.00
PW17-200	11H0909-06	08/24/11 09:33	50.00	50.00
Blank	B036076-BLK1	08/24/11 09:33	50.00	50.00
LCS	B036076-BS1	08/24/11 09:33	50.00	50.00
LCS Dup	B036076-BSD1	08/24/11 09:33	50.00	50.00
PW17-125	B036076-DUP1	08/24/11 09:33	50.00	50.00
PW17-125	B036076-MS1	08/24/11 09:33	50.00	50.00
PW17-125	B036076-MSD1	08/24/11 09:33	50.00	50.00

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PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036132 Batch Matrix: Water	Preparation:	SW-846 3005A Dissolved

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
PW17-125	11H0909-02	08/24/11 16:18	50.00	50.00
PW17-150	11H0909-03	08/24/11 16:18	50.00	50.00
PW17-150/Q	11H0909-04	08/24/11 16:18	50.00	50.00
PW17-175	11H0909-05	08/24/11 16:18	50.00	50.00
PW17-200	11H0909-06	08/24/11 16:18	50.00	50.00
Blank	B036132-BLK1	08/24/11 16:18	50.00	50.00
LCS	B036132-BS1	08/24/11 16:18	50.00	50.00
LCS Dup	B036132-BSD1	08/24/11 16:18	50.00	50.00
PW17-125	B036132-DUP1	08/24/11 16:18	50.00	50.00
PW17-125	B036132-MS1	08/24/11 16:18	50.00	50.00
PW17-125	B036132-MSD1	08/24/11 16:18	50.00	50.00

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

SAMPLE DATA

ANALYSIS SEQUENCE

S001030

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/13/2011 1:00:51PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001030-ICV1	QC		1		1108131	1108075		
S001030-ICB1	QC		2		1108024	1108075		
S001030-LCV1	QC		3		1106009	1108075		
S001030-CCV1	QC		4		1108023	1108075		
S001030-IFA1	QC		5		1108120	1108075		
S001030-IFB1	QC		6		1108121	1108075		
S001030-CCV2	QC		7		1108023	1108075		
S001030-CCB2	QC		8		1108024	1108075		
B036132-BLK1	QC		9			1108075		
B036132-BS1	QC		10			1108075		
B036132-BSD1	QC		11			1108075		
S001030-CCV3	QC		12		1108023	1108075		
S001030-CCB3	QC		13		1108024	1108075		
11H0909-02	Chromium 6010 Dissolved	C	14			1108075	Ecology & Environment	MS/MSD LS/LSD
11H0909-02	Cadmium 6010 Dissolved	C	15			1108075	Ecology & Environment	MS/MSD LS/LSD
B036132-DUP1	QC		16			1108075		
B036132-MS1	QC		17			1108075		
B036132-MSD1	QC		18			1108075		
11H0909-03	Chromium 6010 Dissolved	B	19			1108075	Ecology & Environment	
11H0909-03	Cadmium 6010 Dissolved	B	20			1108075	Ecology & Environment	
11H0909-04	Cadmium 6010 Dissolved	B	21			1108075	Ecology & Environment	
11H0909-04	Chromium 6010 Dissolved	B	22			1108075	Ecology & Environment	
11H0909-05	Cadmium 6010 Dissolved	B	23			1108075	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001030

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/13/2011 1:00:51PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
11H0909-05	Chromium 6010 Dissolved	B	24			1108075	Ecology & Environment	
11H0909-06	Cadmium 6010 Dissolved	B	25			1108075	Ecology & Environment	
11H0909-06	Chromium 6010 Dissolved	B	26			1108075	Ecology & Environment	
S001030-CCV4	QC		27		1108023	1108075		
S001030-CCB4	QC		28		1108024	1108075		
S001030-CCB5	QC		29		1108024	1108075		
S001030-IFA2	QC		30		1108120	1108075		
S001030-IFB2	QC		31		1108121	1108075		
S001030-CCV5	QC		32		1108023	1108075		
S001030-CCB6	QC		33		1108024	1108075		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 08/24/11 16:18 | **B036132** | **Printed: 8/24/2011 5:15:49PM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A Dissolved

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036132-BLK1	Blank	50	50		|	
B036132-BS1	LCS	50	50		250 |	
B036132-BSD1	LCS Dup	50	50		250 |	
B036132-DUP1	Duplicate [11H0909-02]	50	50		|	
B036132-MS1	Matrix Spike [11H0909-02]	50	50		250 |	
B036132-MSD1	Matrix Spike Dup [11H0909-02]	50	50		250 |	
11H0863-01	IES-102	50	50	08/29/11		
11H0863-02	IES-103	50	50	08/29/11		
11H0863-03	IES-104	50	50	08/29/11		
11H0863-04	IES-105	50	50	08/29/11		
11H0863-05	IES-106	50	50	08/29/11		
11H0863-06	Equipment Blank	50	50	08/29/11		
11H0909-02	PW17-125	50	50		Ecology & Environment	Added for BatchQC in: B036132
11H0909-03	PW17-150	50	50	08/30/11	Ecology & Environment	
11H0909-04	PW17-150/Q	50	50	08/30/11	Ecology & Environment	
11H0909-05	PW17-175	50	50	08/30/11	Ecology & Environment	
11H0909-06	PW17-200	50	50	08/30/11	Ecology & Environment	

As Cd Cr

Standard(s):
1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036

Sr 2 @ 95.2C
Eppendorf 4035696
11h0909 samples field filt and pH<2
11H0863 F/P 8/23 749AM X CWB
Witness
OP 8-24-11

AMP 8/24/11
Prepared By Date

Preparation Reviewed By 9/13/11
Date

OPTIMA 2
08/25/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		8/25/2011	8:19:51 AM	5874703	0			
Calib Blank 1	Cd		mg/L		8/25/2011	8:20:14 AM	242	3			
Calib Blank 1	Cr		mg/L		8/25/2011	8:20:14 AM	62	19			
S1-17	Y		%		8/25/2011	8:23:06 AM	5815912	0			
S1-17	Cd		mg/L		8/25/2011	8:23:06 AM	894765	0			
S1-17	Cr		mg/L		8/25/2011	8:23:06 AM	1143967	0			
ICV/QCS QC26	Y		%		8/25/2011	8:37:25 AM	5823542	0			
ICV/QCS QC26	Cd	1.0666	mg/L	107	8/25/2011	8:37:27 AM	95438	1	1.0636	1.0739	1.0623
ICV/QCS QC26	Cr	1.0321	mg/L	103	8/25/2011	8:37:27 AM	118074	1	1.0244	1.0388	1.0332
CCB BLANK	Y		%		8/25/2011	8:43:06 AM	5852955	1			
CCB BLANK	Cd	0.0002	mg/L		8/25/2011	8:43:29 AM	18	20	0.0002	0.0002	0.0002
CCB BLANK	Cr	0.0001	mg/L		8/25/2011	8:43:29 AM	15	48	0.0002	0.0001	0.0001
6010C LowLvl	Y		%		8/25/2011	8:52:30 AM	5900341	0			
6010C LowLvl	Cd	0.0043	mg/L	109	8/25/2011	8:52:53 AM	389	1	0.0044	0.0043	0.0043
6010C LowLvl	Cr	0.0111	mg/L	111	8/25/2011	8:52:53 AM	1266	1	0.0110	0.0111	0.0111
5S1-17 CCV/IPC	Y		%		8/25/2011	9:03:12 AM	5783264	1			
5S1-17 CCV/IPC	Cd	5.1653	mg/L	103	8/25/2011	9:03:12 AM	462172	0	5.1683	5.1589	5.1687
5S1-17 CCV/IPC	Cr	5.1309	mg/L	103	8/25/2011	9:03:12 AM	586957	0	5.1206	5.1295	5.1426
INTCHKA	Y		%		8/25/2011	9:23:01 AM	5332964	1			
INTCHKA	Cd	0.0020	mg/L		8/25/2011	9:23:24 AM	175	1	0.0020	0.0020	0.0019
INTCHKA	Cr	-0.0015	mg/L		8/25/2011	9:23:24 AM	-177	9	-0.0014	-0.0016	-0.0017
INTCHKAB	Y		%		8/25/2011	9:27:55 AM	5257312	0			
INTCHKAB	Cd	1.1077	mg/L	111	8/25/2011	9:27:57 AM	99114	0	1.1094	1.1120	1.1017
INTCHKAB	Cr	0.5231	mg/L	105	8/25/2011	9:27:57 AM	59843	0	0.5235	0.5237	0.5222
5S1-17 CCV/IPC	Y		%		8/25/2011	1:31:18 PM	5893854	1			
5S1-17 CCV/IPC	Cd	5.0561	mg/L	101	8/25/2011	1:31:18 PM	452400	0	5.0460	5.0538	5.0685
5S1-17 CCV/IPC	Cr	5.0785	mg/L	102	8/25/2011	1:31:18 PM	580964	0	5.0670	5.0770	5.0915
CCB BLANK	Y		%		8/25/2011	1:42:04 PM	5945551	1			
CCB BLANK	Cd	0.0001	mg/L		8/25/2011	1:42:26 PM	11	56	0.0002	0.0000	0.0002
CCB BLANK	Cr	0.0001	mg/L		8/25/2011	1:42:26 PM	6	247	0.0001	-0.0001	0.0001
B036132-BLK1	Y		%		8/25/2011	1:56:21 PM	5914289	0			
B036132-BLK1	Cd	0.0001	mg/L		8/25/2011	1:56:44 PM	9	65	0.0000	0.0001	0.0002
B036132-BLK1	Cr	0.0002	mg/L		8/25/2011	1:56:44 PM	23	64	0.0003	0.0003	0.0001
B036132-BS1	Y		%		8/25/2011	2:01:06 PM	5953003	1			
B036132-BS1	Cd	0.5468	mg/L		8/25/2011	2:01:09 PM	48928	1	0.5477	0.5395	0.5533
B036132-BS1	Cr	0.5435	mg/L		8/25/2011	2:01:09 PM	62176	1	0.5458	0.5350	0.5497
B036132-BSD1	Y		%		8/25/2011	2:06:51 PM	5920800	1			
B036132-BSD1	Cd	0.5386	mg/L		8/25/2011	2:06:53 PM	48188	0	0.5383	0.5412	0.5361
B036132-BSD1	Cr	0.5357	mg/L		8/25/2011	2:06:53 PM	61279	0	0.5352	0.5379	0.5339
11H0863-01	Y		%		8/25/2011	2:12:37 PM	5729455	0			
11H0863-01	Cd	0.4835	mg/L		8/25/2011	2:12:39 PM	43260	1	0.4779	0.4828	0.4897
11H0863-01	Cr	0.0003	mg/L		8/25/2011	2:12:59 PM	30	22	0.0003	0.0003	0.0002
11H0863-02	Y		%		8/25/2011	2:17:31 PM	5433973	1			
11H0863-02	Cd	0.0254	mg/L		8/25/2011	2:17:54 PM	2271	0	0.0254	0.0255	0.0253
11H0863-02	Cr	0.0005	mg/L		8/25/2011	2:17:54 PM	62	9	0.0005	0.0005	0.0006
11H0863-03	Y		%		8/25/2011	2:22:25 PM	5574261	1			
11H0863-03	Cd	0.0018	mg/L		8/25/2011	2:22:47 PM	164	5	0.0017	0.0018	0.0019
11H0863-03	Cr	0.0002	mg/L		8/25/2011	2:22:47 PM	22	55	0.0002	0.0002	0.0001
11H0863-04	Y		%		8/25/2011	2:26:17 PM	5677323	1			
11H0863-04	Cd	0.0026	mg/L		8/25/2011	2:26:40 PM	230	2	0.0025	0.0026	0.0026
11H0863-04	Cr	-0.0002	mg/L		8/25/2011	2:26:40 PM	-22	59	-0.0001	-0.0002	-0.0003
11H0863-05	Y		%		8/25/2011	2:30:12 PM	5521036	0			
11H0863-05	Cd	0.0190	mg/L		8/25/2011	2:30:35 PM	1703	1	0.0189	0.0192	0.0190
11H0863-05	Cr	0.0010	mg/L		8/25/2011	2:30:35 PM	111	4	0.0010	0.0009	0.0010
11H0863-06	Y		%		8/25/2011	2:34:31 PM	6003168	0			
11H0863-06	Cd	0.0000	mg/L		8/25/2011	2:34:53 PM	0	2269	0.0001	0.0000	-0.0001
11H0863-06	Cr	0.0000	mg/L		8/25/2011	2:34:53 PM	5	174	0.0000	0.0001	0.0000
5S1-17 CCV/IPC	Y		%		8/25/2011	2:38:28 PM	5868898	0			
5S1-17 CCV/IPC	Cd	5.1476	mg/L	103	8/25/2011	2:38:28 PM	460586	0	5.1295	5.1555	5.1577
5S1-17 CCV/IPC	Cr	5.1247	mg/L	102	8/25/2011	2:38:28 PM	586251	0	5.1258	5.1243	5.1240
CCB BLANK	Y		%		8/25/2011	2:49:56 PM	5950912	1			
CCB BLANK	Cd	0.0002	mg/L		8/25/2011	2:50:19 PM	15	29	0.0002	0.0001	0.0002
CCB BLANK	Cr	0.0001	mg/L		8/25/2011	2:50:19 PM	14	110	0.0000	0.0002	0.0002
11H0909-02	Y		%		8/25/2011	2:53:48 PM	5779591	0			
11H0909-02	Cd	0.0004	mg/L		8/25/2011	2:54:11 PM	31	25	0.0003	0.0004	0.0004
11H0909-02	Cr	0.0009	mg/L		8/25/2011	2:53:50 PM	108	30	0.0008	0.0013	0.0007
B036132-DUP1	Y		%		8/25/2011	2:58:40 PM	5766321	1			
B036132-DUP1	Cd	0.0004	mg/L		8/25/2011	2:59:02 PM	37	7	0.0004	0.0004	0.0004
B036132-DUP1	Cr	0.0009	mg/L		8/25/2011	2:58:42 PM	107	6	0.0009	0.0009	0.0010
B036132-MS1	Y		%		8/25/2011	3:03:33 PM	5700909	1			
B036132-MS1	Cd	0.5585	mg/L		8/25/2011	3:03:35 PM	49968	1	0.5575	0.5624	0.5554
B036132-MS1	Cr	0.5306	mg/L		8/25/2011	3:03:35 PM	60695	1	0.5282	0.5336	0.5298
11H0909-03	Y		%		8/25/2011	3:21:27 PM	5807468	0			

OPTIMA 2
08/25/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
11H0909-03	Cd	0.0006	mg/L		8/25/2011	3:21:49 PM	58	21	0.0005	0.0008	0.0007
11H0909-03	Cr	0.3685	mg/L		8/25/2011	3:21:29 PM	42154	1	0.3676	0.3712	0.3667
11H0909-04	Y		%		8/25/2011	3:26:19 PM	5824347	1			
11H0909-04	Cd	0.0007	mg/L		8/25/2011	3:26:41 PM	60	10	0.0007	0.0006	0.0007
11H0909-04	Cr	0.4304	mg/L		8/25/2011	3:26:21 PM	49234	1	0.4296	0.4279	0.4337
11H0909-05	Y		%		8/25/2011	3:31:11 PM	5812197	1			
11H0909-05	Cd	0.0012	mg/L		8/25/2011	3:31:34 PM	110	5	0.0012	0.0013	0.0012
11H0909-05	Cr	0.8557	mg/L		8/25/2011	3:31:14 PM	97889	1	0.8535	0.8507	0.8630
11H0909-06	Y		%		8/25/2011	3:36:02 PM	5843144	0			
11H0909-06	Cd	0.0001	mg/L		8/25/2011	3:36:25 PM	7	89	0.0002	0.0000	0.0000
11H0909-06	Cr	0.0009	mg/L		8/25/2011	3:36:25 PM	99	3	0.0008	0.0009	0.0008
5S1-17 CCV/IPC	Y		%		8/25/2011	3:40:21 PM	5829620	0			
5S1-17 CCV/IPC	Cd	5.2001	mg/L	104	8/25/2011	3:40:21 PM	465290	0	5.1870	5.2022	5.2112
5S1-17 CCV/IPC	Cr	5.1190	mg/L	102	8/25/2011	3:40:21 PM	585596	0	5.1109	5.1206	5.1255
CCB BLANK	Y		%		8/25/2011	3:51:49 PM	5899061	0			
CCB BLANK	Cd	0.0000	mg/L		8/25/2011	3:52:11 PM	2	160	0.0001	0.0000	0.0000
CCB BLANK	Cr	0.0001	mg/L		8/25/2011	3:52:11 PM	14	24	0.0002	0.0001	0.0001
CCB BLANK	Y		%		8/25/2011	3:56:31 PM	5890123	0			
CCB BLANK	Cd	0.0000	mg/L		8/25/2011	3:56:53 PM	-2	249	-0.0001	-0.0001	0.0000
CCB BLANK	Cr	0.0001	mg/L		8/25/2011	3:56:53 PM	9	103	0.0002	0.0001	0.0000
11H0889-01	Y		%		8/25/2011	4:00:23 PM	6012963	2			
11H0889-01	Cd	0.0036	mg/L		8/25/2011	4:00:45 PM	321	6	0.0038	0.0036	0.0034
11H0889-01	Cr	0.2215	mg/L		8/25/2011	4:00:25 PM	25338	2	0.2256	0.2220	0.2168
11H0889-02	Y		%		8/25/2011	4:05:20 PM	6146816	1			
11H0889-02	Cd	0.0032	mg/L		8/25/2011	4:05:43 PM	283	2	0.0031	0.0031	0.0032
11H0889-02	Cr	0.2036	mg/L		8/25/2011	4:05:22 PM	23296	1	0.2059	0.2014	0.2037
11H0889-03	Y		%		8/25/2011	4:10:12 PM	6272862	0			
11H0889-03	Cd	0.0035	mg/L		8/25/2011	4:10:35 PM	312	1	0.0035	0.0034	0.0035
11H0889-03	Cr	0.2202	mg/L		8/25/2011	4:10:14 PM	25189	0	0.2196	0.2200	0.2210
11H0908-01	Y		%		8/25/2011	4:15:03 PM	5606487	0			
11H0908-01	Cd	0.0015	mg/L		8/25/2011	4:15:25 PM	131	2	0.0015	0.0014	0.0015
11H0908-01	Cr	0.1015	mg/L		8/25/2011	4:15:25 PM	11616	0	0.1015	0.1012	0.1019
11H0908-02	Y		%		8/25/2011	4:19:55 PM	5588721	0			
11H0908-02	Cd	0.0018	mg/L		8/25/2011	4:20:17 PM	159	1	0.0018	0.0018	0.0018
11H0908-02	Cr	0.1605	mg/L		8/25/2011	4:19:57 PM	18356	1	0.1591	0.1609	0.1614
11H0908-03	Y		%		8/25/2011	4:24:48 PM	5637784	1			
11H0908-03	Cd	0.0027	mg/L		8/25/2011	4:25:11 PM	246	6	0.0029	0.0026	0.0027
11H0908-03	Cr	0.2336	mg/L		8/25/2011	4:24:51 PM	26728	1	0.2362	0.2315	0.2332
11H0908-04	Y		%		8/25/2011	4:29:39 PM	5653679	0			
11H0908-04	Cd	0.0009	mg/L		8/25/2011	4:30:02 PM	84	5	0.0010	0.0009	0.0009
11H0908-04	Cr	0.0611	mg/L		8/25/2011	4:30:02 PM	6984	1	0.0608	0.0614	0.0609
11H0908-05	Y		%		8/25/2011	4:34:31 PM	5661320	0			
11H0908-05	Cd	0.0017	mg/L		8/25/2011	4:34:54 PM	149	5	0.0017	0.0017	0.0016
11H0908-05	Cr	0.1519	mg/L		8/25/2011	4:34:33 PM	17372	1	0.1501	0.1512	0.1543
11H0930-01	Y		%		8/25/2011	4:39:22 PM	5563498	1			
11H0930-01	Cd	0.0018	mg/L		8/25/2011	4:39:45 PM	164	4	0.0018	0.0019	0.0019
11H0930-01	Cr	0.0788	mg/L		8/25/2011	4:39:45 PM	9009	0	0.0786	0.0789	0.0787
11H0930-02	Y		%		8/25/2011	4:44:14 PM	5480907	0			
11H0930-02	Cd	0.0039	mg/L		8/25/2011	4:44:37 PM	348	4	0.0041	0.0037	0.0039
11H0930-02	Cr	0.3961	mg/L		8/25/2011	4:44:16 PM	45311	2	0.3916	0.3933	0.4034
5S1-17 CCV/IPC	Y		%		8/25/2011	4:49:14 PM	5874981	0			
5S1-17 CCV/IPC	Cd	5.1763	mg/L	104	8/25/2011	4:49:14 PM	463156	0	5.1845	5.1766	5.1677
5S1-17 CCV/IPC	Cr	5.1140	mg/L	102	8/25/2011	4:49:14 PM	585030	0	5.1126	5.1138	5.1158
CCB BLANK	Y		%		8/25/2011	5:00:42 PM	5916867	0			
CCB BLANK	Cd	0.0001	mg/L		8/25/2011	5:01:04 PM	11	3	0.0001	0.0001	0.0001
CCB BLANK	Cr	0.0001	mg/L		8/25/2011	5:01:04 PM	16	40	0.0002	0.0002	0.0001
CCB BLANK	Y		%		8/25/2011	5:05:24 PM	5920199	0			
CCB BLANK	Cd	0.0000	mg/L		8/25/2011	5:05:46 PM	-1	784	0.0000	-0.0002	0.0001
CCB BLANK	Cr	0.0000	mg/L		8/25/2011	5:05:46 PM	2	161	0.0000	0.0000	0.0000
INTCHKA	Y		%		8/25/2011	6:10:04 PM	5296539	0			
INTCHKA	Cd	0.0020	mg/L		8/25/2011	6:10:27 PM	176	5	0.0020	0.0021	0.0019
INTCHKA	Cr	-0.0015	mg/L		8/25/2011	6:10:27 PM	-173	5	-0.0014	-0.0015	-0.0016
INTCHKAB	Y		%		8/25/2011	6:14:58 PM	5332766	0			
INTCHKAB	Cd	1.0823	mg/L	108	8/25/2011	6:15:00 PM	96845	0	1.0830	1.0809	1.0831
INTCHKAB	Cr	0.5098	mg/L	102	8/25/2011	6:15:00 PM	58324	0	0.5085	0.5085	0.5125
5S1-17 CCV/IPC	Y		%		8/25/2011	6:19:55 PM	5828725	1			
5S1-17 CCV/IPC	Cd	5.1811	mg/L	104	8/25/2011	6:19:55 PM	463584	0	5.1773	5.1895	5.1765
5S1-17 CCV/IPC	Cr	5.1021	mg/L	102	8/25/2011	6:19:55 PM	583659	0	5.0946	5.0996	5.1120
CCB BLANK	Y		%		8/25/2011	6:31:23 PM	5880648	1			
CCB BLANK	Cd	0.0002	mg/L		8/25/2011	6:31:45 PM	18	55	0.0001	0.0002	0.0003
CCB BLANK	Cr	0.0001	mg/L		8/25/2011	6:31:45 PM	16	32	0.0001	0.0002	0.0001

ANALYSIS SEQUENCE

S001031

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/13/2011 1:45:39PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001031-ICV1	QC		1		1108016	1108075		
S001031-ICV2	QC		2		1108016	1108075		
S001031-ICB1	QC		3		1108024	1108075		
S001031-LCV1	QC		4		1106009	1108075		
S001031-LCV2	QC		5		1106009	1108075		
S001031-LCV3	QC		6		1106009	1108075		
S001031-CCV1	QC		7		1108023	1108075		
S001031-IFA1	QC		8		1108055	1108075		
S001031-IFB1	QC		9		1108121	1108075		
S001031-IFA2	QC		10		1108055	1108075		
S001031-IFB2	QC		11		1108121	1108075		
S001031-CCV2	QC		12		1108023	1108075		
S001031-CCV3	QC		13		1108023	1108075		
S001031-CCV4	QC		14		1108023	1108075		
S001031-CCB2	QC		15		1108024	1108075		
S001031-CCV5	QC		16		1108023	1108075		
S001031-CCB3	QC		17		1108024	1108075		
B036076-BLK1	QC		18			1108075		
B036076-BS1	QC		19			1108075		
B036076-BSD1	QC		20			1108075		
11H0909-02	Cadmium 6010 Total	A	21			1108075	Ecology & Environment	MS/MSD LS/LSD
11H0909-02	Chromium 6010 Total	A	21			1108075	Ecology & Environment	MS/MSD LS/LSD
B036076-DUP1	QC		22			1108075		

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001031

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/13/2011 1:45:39PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
B036076-MS1	QC		23			1108075		
B036076-MSD1	QC		24			1108075		
11H0789-01	Cadmium 6010 Total	C	25			1108075		
11H0789-01	Chromium 6010 Total	C	25			1108075		
S001031-CCV6	QC		26		1108023	1108075		
S001031-CCB4	QC		27		1108024	1108075		
11H0789-02	Cadmium 6010 Total	C	28			1108075		
11H0789-02	Chromium 6010 Total	C	28			1108075		
11H0909-03	Cadmium 6010 Total	A	29			1108075	Ecology & Environment	
11H0909-03	Chromium 6010 Total	A	29			1108075	Ecology & Environment	
11H0909-04	Chromium 6010 Total	A	30			1108075	Ecology & Environment	
11H0909-04	Cadmium 6010 Total	A	30			1108075	Ecology & Environment	
11H0909-05	Cadmium 6010 Total	A	31			1108075	Ecology & Environment	
11H0909-05	Chromium 6010 Total	A	31			1108075	Ecology & Environment	
11H0909-06	Chromium 6010 Total	A	32			1108075	Ecology & Environment	
11H0909-06	Cadmium 6010 Total	A	32			1108075	Ecology & Environment	
S001031-CCV7	QC		33		1108023	1108075		
S001031-CCB5	QC		34		1108024	1108075		
S001031-IFA3	QC		35		1108055	1108075		
S001031-IFB3	QC		36		1108121	1108075		
S001031-CCV8	QC		37		1108023	1108075		
S001031-CCB6	QC		38		1108024	1108075		

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001031

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/13/2011 1:45:39PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 08/24/11 09:33 | B036076 | **Printed: 8/24/2011 9:39:29AM**

Con-Test Analytical Laboratory

Matrix: Water

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036076-BLK1	Blank	50	50		|	
B036076-BS1	LCS	50	50		250 |	
B036076-BSD1	LCS Dup	50	50		250 |	
B036076-DUP1	Duplicate [11H0909-02]	50	50		|	
B036076-MS1	Matrix Spike [11H0909-02]	50	50		250 |	
B036076-MSD1	Matrix Spike Dup [11H0909-02]	50	50		250 |	
11H0789-01	MW-9	50	50	08/26/11		
11H0789-02	MW-10	50	50	08/26/11		
11H0835-01	082111-EF	50	50	08/25/11		
11H0835-02	082111-IN	50	50	08/25/11		
11H0840-01	Influent	50	50	08/26/11		
11H0840-02	Effluent	50	50	08/26/11		
11H0909-02	PW17-125	50	50		Ecology & Environment	Added for BatchQC in: B036076
11H0909-03	PW17-150	50	50	08/30/11	Ecology & Environment	
11H0909-04	PW17-150/Q	50	50	08/30/11	Ecology & Environment	
11H0909-05	PW17-175	50	50	08/30/11	Ecology & Environment	
11H0909-06	PW17-200	50	50	08/30/11	Ecology & Environment	

As Cd Cr Cu Fe Pb Se V Zn

Standard(s):		
1107027	QC Standard 26 metals	250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036

Sr. 2 @ 95.0C by EMS 8/24/11

Eppen #4035696

Spike witness KSA 8/24/11

EMS 8/24/11
Prepared By Date

Preparation Reviewed By 8/24/11
Date

OPTIMA 2
08/24/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		8/24/2011	7:43:54 AM	6385594	1			
Calib Blank 1	Cd		mg/L		8/24/2011	7:44:17 AM	237	2			
Calib Blank 1	Cr		mg/L		8/24/2011	7:44:17 AM	58	23			
S1-17	Y		%		8/24/2011	7:47:10 AM	6144245	2			
S1-17	Cd		mg/L		8/24/2011	7:47:10 AM	898121	2			
S1-17	Cr		mg/L		8/24/2011	7:47:10 AM	1213727	2			
ICV/QCS QC26	Y		%		8/24/2011	8:03:33 AM	6206876	0			
ICV/QCS QC26	Cd	1.0764	mg/L	108	8/24/2011	8:03:36 AM	96672	0	1.0709	1.0808	1.0774
ICV/QCS QC26	Cr	1.0341	mg/L	103	8/24/2011	8:03:36 AM	125511	1	1.0264	1.0362	1.0397
ICV/QCS QC26	Y		%		8/24/2011	8:08:10 AM	6199762	1			
ICV/QCS QC26	Cd	1.0706	mg/L	107	8/24/2011	8:08:12 AM	96149	0	1.0650	1.0714	1.0753
ICV/QCS QC26	Cr	1.0379	mg/L	104	8/24/2011	8:08:12 AM	125976	0	1.0343	1.0387	1.0408
CCB BLANK	Y		%		8/24/2011	8:12:56 AM	6258336	0			
CCB BLANK	Cd	0.0005	mg/L		8/24/2011	8:13:18 AM	48	9	0.0006	0.0006	0.0005
CCB BLANK	Cr	0.0004	mg/L		8/24/2011	8:13:18 AM	46	21	0.0005	0.0004	0.0003
6010C LowLvl	Y		%		8/24/2011	8:18:25 AM	6230037	1			
6010C LowLvl	Cd	0.0045	mg/L	112	8/24/2011	8:18:48 AM	401	2	0.0044	0.0044	0.0046
6010C LowLvl	Cr	0.0102	mg/L	102	8/24/2011	8:18:27 AM	1239	4	0.0099	0.0107	0.0100
6010C LowLvl	Y	Rerun	%		8/24/2011	8:23:00 AM	6182394	1			
6010C LowLvl	Cd	0.0045	mg/L	114	8/24/2011	8:23:23 AM	408	2	0.0045	0.0045	0.0046
6010C LowLvl	Cr	0.0106	mg/L	106	8/24/2011	8:23:02 AM	1289	2	0.0105	0.0105	0.0108
6010C LowLvl	Y	Remade	%		8/24/2011	8:27:04 AM	6162856	1			
6010C LowLvl	Cd	0.0045	mg/L	113	8/24/2011	8:27:26 AM	405	1	0.0045	0.0046	0.0045
6010C LowLvl	Cr	0.0106	mg/L	106	8/24/2011	8:27:06 AM	1282	3	0.0109	0.0105	0.0102
5S1-17 CCV/IPC	Y		%		8/24/2011	8:35:40 AM	6250164	0			
5S1-17 CCV/IPC	Cd	5.1051	mg/L	102	8/24/2011	8:35:40 AM	458503	0	5.1028	5.1068	5.1059
5S1-17 CCV/IPC	Cr	5.0964	mg/L	102	8/24/2011	8:35:40 AM	618562	0	5.1021	5.0974	5.0896
INTCHKA	Y		%		8/24/2011	9:02:12 AM	5364569	1			
INTCHKA	Cd	0.0026	mg/L		8/24/2011	9:02:35 AM	234	4	0.0027	0.0025	0.0025
INTCHKA	Cr	-0.0020	mg/L		8/24/2011	9:02:35 AM	-241	3	-0.0020	-0.0020	-0.0019
INTCHKAB	Y		%		8/24/2011	9:07:06 AM	5618556	0			
INTCHKAB	Cd	1.1043	mg/L	110	8/24/2011	9:07:08 AM	99179	1	1.1076	1.1150	1.0903
INTCHKAB	Cr	0.5246	mg/L	105	8/24/2011	9:07:08 AM	63674	1	0.5242	0.5293	0.5204
INTCHKA	Y		%		8/24/2011	5:52:50 PM	5469446	1			
INTCHKA	Cd	0.0025	mg/L		8/24/2011	5:53:12 PM	229	1	0.0025	0.0025	0.0026
INTCHKA	Cr	-0.0018	mg/L		8/24/2011	5:53:12 PM	-223	3	-0.0018	-0.0018	-0.0019
INTCHKAB	Y		%		8/24/2011	5:57:43 PM	5449760	1			
INTCHKAB	Cd	1.1741	mg/L	117	8/24/2011	5:57:46 PM	105448	2	1.1789	1.1527	1.1907
INTCHKAB	Cr	0.5433	mg/L	109	8/24/2011	5:57:46 PM	65946	2	0.5448	0.5343	0.5510
5S1-17 CCV/IPC	Y		%		8/24/2011	6:02:43 PM	6012238	0			
5S1-17 CCV/IPC	Cd	5.5325	mg/L	111	8/24/2011	6:02:43 PM	496889	0	5.5289	5.5411	5.5276
5S1-17 CCV/IPC	Cr	5.3532	mg/L	107	8/24/2011	6:02:43 PM	649737	0	5.3378	5.3627	5.3593
5S1-17 CCV/IPC	Y	Rerun	%		8/24/2011	6:06:45 PM	5966720	0			
5S1-17 CCV/IPC	Cd	5.5420	mg/L	111	8/24/2011	6:06:45 PM	497735	0	5.5277	5.5508	5.5474
5S1-17 CCV/IPC	Cr	5.3869	mg/L	108	8/24/2011	6:06:45 PM	653820	0	5.3838	5.3916	5.3852
5S1-17 CCV/IPC	Y	Remade	%		8/24/2011	6:11:44 PM	6024981	1			
5S1-17 CCV/IPC	Cd	5.4273	mg/L	109	8/24/2011	6:11:44 PM	487437	0	5.4308	5.4270	5.4241
5S1-17 CCV/IPC	Cr	5.2572	mg/L	105	8/24/2011	6:11:44 PM	638079	0	5.2473	5.2591	5.2651
CCB BLANK	Y		%		8/24/2011	6:23:14 PM	6056243	0			
CCB BLANK	Cd	0.0006	mg/L		8/24/2011	6:23:37 PM	53	8	0.0006	0.0005	0.0006
CCB BLANK	Cr	0.0003	mg/L		8/24/2011	6:23:37 PM	35	19	0.0003	0.0003	0.0002
5S1-17 CCV/IPC	Y		%		8/24/2011	6:50:07 PM	6006622	0			
5S1-17 CCV/IPC	Cd	5.4260	mg/L	109	8/24/2011	6:50:07 PM	487325	0	5.4101	5.4333	5.4347
5S1-17 CCV/IPC	Cr	5.2792	mg/L	106	8/24/2011	6:50:07 PM	640755	0	5.2765	5.2834	5.2779
CCB BLANK	Y		%		8/24/2011	7:01:34 PM	6016162	0			
CCB BLANK	Cd	0.0006	mg/L		8/24/2011	7:01:56 PM	58	5	0.0007	0.0006	0.0006
CCB BLANK	Cr	0.0003	mg/L		8/24/2011	7:01:56 PM	34	40	0.0004	0.0002	0.0003
B036076-BLK1	Y		%		8/24/2011	7:06:18 PM	6118584	1			
B036076-BLK1	Cd	0.0003	mg/L		8/24/2011	7:06:40 PM	28	11	0.0003	0.0003	0.0003
B036076-BLK1	Cr	0.0001	mg/L		8/24/2011	7:06:40 PM	13	92	0.0001	0.0002	0.0000
B036076-BS1	Y		%		8/24/2011	7:11:03 PM	6031133	0			
B036076-BS1	Cd	0.5708	mg/L		8/24/2011	7:11:05 PM	51268	1	0.5699	0.5685	0.5741
B036076-BS1	Cr	0.5497	mg/L		8/24/2011	7:11:05 PM	66721	0	0.5499	0.5481	0.5511
B036076-BSD1	Y		%		8/24/2011	7:16:49 PM	6007352	1			
B036076-BSD1	Cd	0.5760	mg/L		8/24/2011	7:16:51 PM	51728	1	0.5763	0.5705	0.5811
B036076-BSD1	Cr	0.5544	mg/L		8/24/2011	7:16:51 PM	67295	1	0.5548	0.5487	0.5598
11H0909-02	Y		%		8/24/2011	7:21:44 PM	5870867	0			
11H0909-02	Cd	0.0009	mg/L		8/24/2011	7:22:06 PM	84	18	0.0011	0.0010	0.0007
11H0909-02	Cr	0.0111	mg/L		8/24/2011	7:21:46 PM	1344	2	0.0113	0.0109	0.0110
B036076-DUP1	Y		%		8/24/2011	7:26:35 PM	5875359	0			
B036076-DUP1	Cd	0.0007	mg/L		8/24/2011	7:26:58 PM	66	4	0.0007	0.0008	0.0007
B036076-DUP1	Cr	0.0108	mg/L		8/24/2011	7:26:58 PM	1315	1	0.0108	0.0108	0.0109
B036076-MS1	Y		%		8/24/2011	7:31:41 PM	5955257	0			

OPTIMA 2
08/24/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
B036076-MS1	Cd	0.5733	mg/L		8/24/2011	7:31:43 PM	51487	0	0.5739	0.5702	0.5758
B036076-MS1	Cr	0.5466	mg/L		8/24/2011	7:31:43 PM	66345	1	0.5463	0.5423	0.5512
B036076-MSD1	Y		%		8/24/2011	7:36:33 PM	5871410	0			
B036076-MSD1	Cd	0.5829	mg/L		8/24/2011	7:36:36 PM	52349	1	0.5759	0.5922	0.5804
B036076-MSD1	Cr	0.5547	mg/L		8/24/2011	7:36:36 PM	67329	1	0.5471	0.5629	0.5543
11H0789-01	Y		%		8/24/2011	7:50:13 PM	5876185	0			
11H0789-01	Cd	0.0007	mg/L		8/24/2011	7:50:35 PM	59	19	0.0006	0.0008	0.0006
11H0789-01	Cr	0.0016	mg/L		8/24/2011	7:50:35 PM	189	7	0.0016	0.0016	0.0014
5S1-17 CCV/IPC	Y		%		8/24/2011	7:54:16 PM	6008043	0			
5S1-17 CCV/IPC	Cd	5.4471	mg/L	109	8/24/2011	7:54:16 PM	489219	0	5.4274	5.4647	5.4493
5S1-17 CCV/IPC	Cr	5.2763	mg/L	106	8/24/2011	7:54:16 PM	640404	0	5.2701	5.2858	5.2731
CCB BLANK	Y		%		8/24/2011	8:06:24 PM	6083069	0			
CCB BLANK	Cd	0.0005	mg/L		8/24/2011	8:06:47 PM	43	14	0.0006	0.0004	0.0005
CCB BLANK	Cr	0.0003	mg/L		8/24/2011	8:06:47 PM	41	34	0.0005	0.0002	0.0003
11H0789-02	Y		%		8/24/2011	8:11:15 PM	5785886	1			
11H0789-02	Cd	0.0007	mg/L		8/24/2011	8:11:37 PM	61	4	0.0007	0.0007	0.0007
11H0789-02	Cr	0.0002	mg/L		8/24/2011	8:11:37 PM	28	42	0.0001	0.0003	0.0003
11H0835-01	Y		%		8/24/2011	8:16:10 PM	5590799	0			
11H0835-01	Cd	0.0025	mg/L		8/24/2011	8:16:32 PM	226	2	0.0025	0.0026	0.0025
11H0835-01	Cr	0.0008	mg/L		8/24/2011	8:16:32 PM	102	22	0.0010	0.0008	0.0007
11H0835-02	Y		%		8/24/2011	8:21:11 PM	5601676	0			
11H0835-02	Cd	0.0010	mg/L		8/24/2011	8:21:34 PM	94	8	0.0011	0.0011	0.0010
11H0835-02	Cr	0.0108	mg/L		8/24/2011	8:21:13 PM	1317	5	0.0113	0.0102	0.0110
11H0840-01	Y		%		8/24/2011	8:26:06 PM	5687982	1			
11H0840-01	Cd	0.0011	mg/L		8/24/2011	8:26:29 PM	102	10	0.0011	0.0011	0.0013
11H0840-01	Cr	0.0069	mg/L		8/24/2011	8:26:29 PM	833	1	0.0069	0.0068	0.0068
11H0840-02	Y		%		8/24/2011	8:31:02 PM	5664892	1			
11H0840-02	Cd	0.0010	mg/L		8/24/2011	8:31:24 PM	93	6	0.0010	0.0011	0.0010
11H0840-02	Cr	0.0037	mg/L		8/24/2011	8:31:24 PM	453	2	0.0038	0.0038	0.0036
11H0909-03	Y		%		8/24/2011	8:35:55 PM	5815306	2			
11H0909-03	Cd	0.0005	mg/L		8/24/2011	8:36:17 PM	46	22	0.0006	0.0004	0.0006
11H0909-03	Cr	0.0008	mg/L		8/24/2011	8:35:57 PM	96	71	0.0012	0.0010	0.0002
11H0909-04	Y		%		8/24/2011	8:41:20 PM	5943061	0			
11H0909-04	Cd	0.0006	mg/L		8/24/2011	8:41:42 PM	55	11	0.0007	0.0006	0.0006
11H0909-04	Cr	0.0019	mg/L		8/24/2011	8:41:22 PM	230	16	0.0015	0.0020	0.0021
11H0909-05	Y		%		8/24/2011	8:45:12 PM	5970982	0			
11H0909-05	Cd	0.0004	mg/L		8/24/2011	8:45:34 PM	33	19	0.0004	0.0003	0.0004
11H0909-05	Cr	0.0026	mg/L		8/24/2011	8:45:34 PM	316	0	0.0026	0.0026	0.0026
11H0909-06	Y		%		8/24/2011	8:50:08 PM	5960121	1			
11H0909-06	Cd	0.0009	mg/L		8/24/2011	8:50:30 PM	84	11	0.0009	0.0011	0.0009
11H0909-06	Cr	0.1884	mg/L		8/24/2011	8:50:10 PM	22867	0	0.1884	0.1886	0.1883
5S1-17 CCV/IPC	Y		%		8/24/2011	8:55:12 PM	6012867	0			
5S1-17 CCV/IPC	Cd	5.4639	mg/L	109	8/24/2011	8:55:12 PM	490722	0	5.4721	5.4795	5.4400
5S1-17 CCV/IPC	Cr	5.2681	mg/L	105	8/24/2011	8:55:12 PM	639402	0	5.2684	5.2644	5.2714
CCB BLANK	Y		%		8/24/2011	9:06:46 PM	6138649	0			
CCB BLANK	Cd	0.0004	mg/L		8/24/2011	9:07:09 PM	35	24	0.0004	0.0005	0.0003
CCB BLANK	Cr	0.0002	mg/L		8/24/2011	9:07:09 PM	21	51	0.0001	0.0003	0.0002
INTCHKA	Y		%		8/24/2011	9:15:22 PM	5479477	0			
INTCHKA	Cd	0.0024	mg/L		8/24/2011	9:15:45 PM	219	1	0.0025	0.0024	0.0024
INTCHKA	Cr	-0.0018	mg/L		8/24/2011	9:15:45 PM	-214	5	-0.0017	-0.0017	-0.0019
INTCHKAB	Y		%		8/24/2011	9:20:15 PM	5518041	0			
INTCHKAB	Cd	1.1600	mg/L	116	8/24/2011	9:20:18 PM	104183	1	1.1427	1.1718	1.1655
INTCHKAB	Cr	0.5370	mg/L	107	8/24/2011	9:20:18 PM	65173	1	0.5283	0.5412	0.5414
5S1-17 CCV/IPC	Y		%		8/24/2011	9:25:12 PM	5997887	1			
5S1-17 CCV/IPC	Cd	5.4673	mg/L	109	8/24/2011	9:25:12 PM	491030	0	5.4652	5.4808	5.4560
5S1-17 CCV/IPC	Cr	5.2776	mg/L	106	8/24/2011	9:25:12 PM	640562	0	5.2686	5.2811	5.2833
CCB BLANK	Y		%		8/24/2011	9:36:44 PM	6140146	0			
CCB BLANK	Cd	0.0004	mg/L		8/24/2011	9:37:06 PM	39	14	0.0004	0.0005	0.0004
CCB BLANK	Cr	0.0002	mg/L		8/24/2011	9:37:06 PM	30	9	0.0002	0.0002	0.0003

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ANALYTICAL LABORATORY

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VOLATILES QC SUMMARY

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SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11H0909-01	105	96.6	104
11H0909-02	106	97.9	103
11H0909-03	104	97.2	102
11H0909-04	103	99.3	104
11H0909-05	104	98.3	100
11H0909-06	103	95.0	102
11H0909-07	104	97.7	101
11H0909-08	103	97.1	101
11H0909-09	105	97.8	102
11H0909-10	102	99.1	105
B036099-BLK1	103	95.4	101
B036099-BS1	103	99.0	103
B036099-BSD1	103	98.9	104
B036099-MS1	106	97.0	101
B036099-MSD1	105	98.4	102

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B036099	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B036099-MS1
Column:		Sample Lab ID:	11H0909-02

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	100	3.09	116	113		70 - 130
Acrylonitrile	10.0	ND	10.8	108		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	ND	11.0	110		70 - 130
Benzene	10.0	ND	12.1	121		70 - 130
Bromobenzene	10.0	ND	10.1	101		70 - 130
Bromochloromethane	10.0	ND	12.0	120		70 - 130
Bromodichloromethane	10.0	ND	8.74	87.4		70 - 130
Bromoform	10.0	ND	6.29	62.9	*	70 - 130
Bromomethane	10.0	ND	7.97	79.7		70 - 130
2-Butanone (MEK)	100	ND	113	113		70 - 130
tert-Butyl Alcohol (TBA)	100	ND	75.3	75.3		70 - 130
n-Butylbenzene	10.0	ND	9.34	93.4		70 - 130
sec-Butylbenzene	10.0	ND	9.83	98.3		70 - 130
tert-Butylbenzene	10.0	ND	10.1	101		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	ND	9.19	91.9		70 - 130
Carbon Disulfide	10.0	0.110	12.4	123		70 - 130
Carbon Tetrachloride	10.0	ND	7.27	72.7		70 - 130
Chlorobenzene	10.0	ND	10.8	108		70 - 130
Chlorodibromomethane	10.0	ND	7.78	77.8		70 - 130
Chloroethane	10.0	ND	10.9	109		70 - 130
Chloroform	10.0	ND	12.0	120		70 - 130
Chloromethane	10.0	ND	8.07	80.7		70 - 130
2-Chlorotoluene	10.0	ND	10.2	102		70 - 130
4-Chlorotoluene	10.0	ND	10.2	102		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	7.30	73.0		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B036099	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B036099-MS1
Column:		Sample Lab ID:	11H0909-02

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	ND	10.5	105		70 - 130
Dibromomethane	10.0	ND	11.3	113		70 - 130
1,2-Dichlorobenzene	10.0	ND	10.1	101		70 - 130
1,3-Dichlorobenzene	10.0	ND	9.77	97.7		70 - 130
1,4-Dichlorobenzene	10.0	ND	9.83	98.3		70 - 130
trans-1,4-Dichloro-2-butene	10.0	ND	5.91	59.1	*	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	16.8	25.6	87.4		70 - 130
1,1-Dichloroethane	10.0	1.05	13.0	120		70 - 130
1,2-Dichloroethane	10.0	ND	11.5	115		70 - 130
1,1-Dichloroethylene	10.0	0.230	12.1	119		70 - 130
cis-1,2-Dichloroethylene	10.0	16.1	28.9	127		70 - 130
trans-1,2-Dichloroethylene	10.0	0.330	13.6	132	*	70 - 130
1,2-Dichloropropane	10.0	ND	11.1	111		70 - 130
1,3-Dichloropropane	10.0	ND	11.2	112		70 - 130
2,2-Dichloropropane	10.0	ND	8.14	81.4		70 - 130
1,1-Dichloropropene	10.0	ND	12.0	120		70 - 130
cis-1,3-Dichloropropene	10.0	ND	9.62	96.2		70 - 130
trans-1,3-Dichloropropene	10.0	ND	10.1	101		70 - 130
Diethyl Ether	10.0	ND	11.8	118		70 - 130
Diisopropyl Ether (DIPE)	10.0	0.100	11.2	111		70 - 130
1,4-Dioxane	100	ND	103	103		70 - 130
Ethylbenzene	10.0	ND	10.6	106		70 - 130
Hexachlorobutadiene	10.0	ND	7.33	73.3		70 - 130
2-Hexanone (MBK)	100	ND	108	108		70 - 130
Isopropylbenzene (Cumene)	10.0	ND	11.8	118		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	ND	10.2	102		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B036099	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B036099-MS1
Column:		Sample Lab ID:	11H0909-02

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Methyl tert-Butyl Ether (MTBE)	10.0	0.120	11.1	110		70 - 130
Methylene Chloride	10.0	ND	10.4	104		70 - 130
4-Methyl-2-pentanone (MIBK)	100	ND	110	110		70 - 130
Naphthalene	10.0	ND	6.76	67.6	*	70 - 130
n-Propylbenzene	10.0	ND	10.0	100		70 - 130
Styrene	10.0	ND	10.0	100		70 - 130
1,1,1,2-Tetrachloroethane	10.0	ND	7.89	78.9		70 - 130
1,1,2,2-Tetrachloroethane	10.0	ND	10.0	100		70 - 130
Tetrachloroethylene	10.0	21.7	32.5	108		70 - 130
Tetrahydrofuran	10.0	ND	11.3	113		70 - 130
Toluene	10.0	ND	11.1	111		70 - 130
1,2,3-Trichlorobenzene	10.0	ND	7.18	71.8		70 - 130
1,2,4-Trichlorobenzene	10.0	ND	7.81	78.1		70 - 130
1,3,5-Trichlorobenzene	10.0	ND	8.08	80.8		70 - 130
1,1,1-Trichloroethane	10.0	ND	10.3	103		70 - 130
1,1,2-Trichloroethane	10.0	ND	11.4	114		70 - 130
Trichloroethylene	10.0	10.6	22.4	117		70 - 130
Trichlorofluoromethane (Freon 11)	10.0	ND	10.8	108		70 - 130
1,2,3-Trichloropropane	10.0	ND	9.75	97.5		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	11.1	111		70 - 130
1,2,4-Trimethylbenzene	10.0	ND	10.1	101		70 - 130
1,3,5-Trimethylbenzene	10.0	ND	10.0	100		70 - 130
Vinyl Chloride	10.0	0.770	10.3	94.9		70 - 130
m+p Xylene	20.0	ND	21.2	106		70 - 130
o-Xylene	10.0	ND	10.4	104		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B036099	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B036099-MS1
Column:		Sample Lab ID:	11H0909-02

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B036099	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B036099-MSD1
Column:		Sample Lab ID:	11H0909-02

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	110	107		5.46	30	70 - 130
Acrylonitrile	10.0	10.3	103		4.36	30	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.7	107		2.76	30	70 - 130
Benzene	10.0	12.2	122		0.329	30	70 - 130
Bromobenzene	10.0	10.3	103		2.05	30	70 - 130
Bromochloromethane	10.0	12.4	124		3.11	30	70 - 130
Bromodichloromethane	10.0	8.88	88.8		1.59	30	70 - 130
Bromoform	10.0	6.68	66.8	*	6.01	30	70 - 130
Bromomethane	10.0	9.06	90.6		12.8	30	70 - 130
2-Butanone (MEK)	100	109	109		3.73	30	70 - 130
tert-Butyl Alcohol (TBA)	100	72.9	72.9		3.29	30	70 - 130
n-Butylbenzene	10.0	9.76	97.6		4.40	30	70 - 130
sec-Butylbenzene	10.0	10.3	103		4.67	30	70 - 130
tert-Butylbenzene	10.0	10.3	103		1.86	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.28	92.8		0.975	30	70 - 130
Carbon Disulfide	10.0	12.3	122		1.13	30	70 - 130
Carbon Tetrachloride	10.0	7.91	79.1		8.43	30	70 - 130
Chlorobenzene	10.0	11.0	110		1.29	30	70 - 130
Chlorodibromomethane	10.0	7.78	77.8		0.00	30	70 - 130
Chloroethane	10.0	10.6	106		2.23	30	70 - 130
Chloroform	10.0	12.1	121		1.16	30	70 - 130
Chloromethane	10.0	8.28	82.8		2.57	30	70 - 130
2-Chlorotoluene	10.0	10.4	104		2.52	30	70 - 130
4-Chlorotoluene	10.0	10.5	105		2.61	30	70 - 130
1,2-Dibromo-3-chloropropane (DBC	10.0	7.26	72.6		0.549	30	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.4	104		0.478	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B036099	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B036099-MSD1
Column:		Sample Lab ID:	11H0909-02

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Dibromomethane	10.0	10.8	108		5.06	30	70 - 130
1,2-Dichlorobenzene	10.0	10.1	101		0.0991	30	70 - 130
1,3-Dichlorobenzene	10.0	10.0	100		2.83	30	70 - 130
1,4-Dichlorobenzene	10.0	10.2	102		3.89	30	70 - 130
trans-1,4-Dichloro-2-butene	10.0	5.61	56.1	*	5.21	30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	27.6	108		7.71	30	70 - 130
1,1-Dichloroethane	10.0	13.2	122		1.37	30	70 - 130
1,2-Dichloroethane	10.0	11.2	112		2.56	30	70 - 130
1,1-Dichloroethylene	10.0	12.1	119		0.413	30	70 - 130
cis-1,2-Dichloroethylene	10.0	29.5	134	*	2.26	30	70 - 130
trans-1,2-Dichloroethylene	10.0	13.7	134	*	1.03	30	70 - 130
1,2-Dichloropropane	10.0	10.9	109		1.09	30	70 - 130
1,3-Dichloropropane	10.0	11.0	110		1.89	30	70 - 130
2,2-Dichloropropane	10.0	8.47	84.7		3.97	30	70 - 130
1,1-Dichloropropene	10.0	12.0	120		0.417	30	70 - 130
cis-1,3-Dichloropropene	10.0	9.46	94.6		1.68	30	70 - 130
trans-1,3-Dichloropropene	10.0	9.75	97.5		3.33	30	70 - 130
Diethyl Ether	10.0	11.4	114		2.94	30	70 - 130
Diisopropyl Ether (DIPE)	10.0	11.1	110		1.07	30	70 - 130
1,4-Dioxane	100	97.5	97.5		5.27	30	70 - 130
Ethylbenzene	10.0	10.9	109		2.78	30	70 - 130
Hexachlorobutadiene	10.0	7.98	79.8		8.49	30	70 - 130
2-Hexanone (MBK)	100	99.0	99.0		9.07	30	70 - 130
Isopropylbenzene (Cumene)	10.0	12.4	124		5.46	30	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.8	108		6.10	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.0	109		0.631	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW17-125

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B036099	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B036099-MSD1
Column:		Sample Lab ID:	11H0909-02

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Methylene Chloride	10.0	10.7	107		2.47	30	70 - 130
4-Methyl-2-pentanone (MIBK)	100	105	105		4.41	30	70 - 130
Naphthalene	10.0	6.29	62.9	*	7.20	30	70 - 130
n-Propylbenzene	10.0	10.4	104		4.11	30	70 - 130
Styrene	10.0	10.4	104		3.13	30	70 - 130
1,1,1,2-Tetrachloroethane	10.0	8.34	83.4		5.55	30	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.3	103		2.56	30	70 - 130
Tetrachloroethylene	10.0	33.9	122		4.21	30	70 - 130
Tetrahydrofuran	10.0	10.1	101		10.7	30	70 - 130
Toluene	10.0	11.4	114		2.75	30	70 - 130
1,2,3-Trichlorobenzene	10.0	7.16	71.6		0.279	30	70 - 130
1,2,4-Trichlorobenzene	10.0	7.69	76.9		1.55	30	70 - 130
1,3,5-Trichlorobenzene	10.0	8.47	84.7		4.71	30	70 - 130
1,1,1-Trichloroethane	10.0	10.7	107		4.38	30	70 - 130
1,1,2-Trichloroethane	10.0	11.4	114		0.0881	30	70 - 130
Trichloroethylene	10.0	23.0	124		2.82	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.0	110		2.57	30	70 - 130
1,2,3-Trichloropropane	10.0	9.47	94.7		2.91	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.6	116		4.32	30	70 - 130
1,2,4-Trimethylbenzene	10.0	10.2	102		1.57	30	70 - 130
1,3,5-Trimethylbenzene	10.0	10.3	103		2.86	30	70 - 130
Vinyl Chloride	10.0	10.3	95.6		0.680	30	70 - 130
m+p Xylene	20.0	21.3	107		0.894	20	70 - 130
o-Xylene	10.0	10.8	108		3.97	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036099	Laboratory ID:	B036099-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	167	167	*	70 - 160
Acrylonitrile	10.0	11.0	110		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.1	111		70 - 130
Benzene	10.0	12.2	122		70 - 130
Bromobenzene	10.0	11.1	111		70 - 130
Bromochloromethane	10.0	12.3	123		70 - 130
Bromodichloromethane	10.0	9.91	99.1		70 - 130
Bromoform	10.0	8.20	82.0		70 - 130
Bromomethane	10.0	8.46	84.6		40 - 160
2-Butanone (MEK)	100	126	126		40 - 160
tert-Butyl Alcohol (TBA)	100	87.3	87.3		40 - 160
n-Butylbenzene	10.0	11.2	112		70 - 130
sec-Butylbenzene	10.0	11.8	118		70 - 130
tert-Butylbenzene	10.0	11.2	112		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.41	94.1		70 - 130
Carbon Disulfide	10.0	13.6	136	*	70 - 130
Carbon Tetrachloride	10.0	8.65	86.5		70 - 130
Chlorobenzene	10.0	11.5	115		70 - 130
Chlorodibromomethane	10.0	9.26	92.6		70 - 130
Chloroethane	10.0	10.7	107		70 - 130
Chloroform	10.0	11.7	117		70 - 130
Chloromethane	10.0	8.73	87.3		40 - 160
2-Chlorotoluene	10.0	11.2	112		70 - 130
4-Chlorotoluene	10.0	11.4	114		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.56	85.6		70 - 130
1,2-Dibromoethane (EDB)	10.0	11.5	115		70 - 130
Dibromomethane	10.0	11.4	114		70 - 130
1,2-Dichlorobenzene	10.0	11.0	110		70 - 130
1,3-Dichlorobenzene	10.0	11.2	112		70 - 130
1,4-Dichlorobenzene	10.0	11.1	111		70 - 130
trans-1,4-Dichloro-2-butene	10.0	6.96	69.6	*	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036099	Laboratory ID:	B036099-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	9.59	95.9		40 - 160
1,1-Dichloroethane	10.0	11.8	118		70 - 130
1,2-Dichloroethane	10.0	11.9	119		70 - 130
1,1-Dichloroethylene	10.0	11.8	118		70 - 130
cis-1,2-Dichloroethylene	10.0	11.4	114		70 - 130
trans-1,2-Dichloroethylene	10.0	13.2	132	*	70 - 130
1,2-Dichloropropane	10.0	11.3	113		70 - 130
1,3-Dichloropropane	10.0	11.9	119		70 - 130
2,2-Dichloropropane	10.0	10.4	104		40 - 130
1,1-Dichloropropene	10.0	11.9	119		70 - 130
cis-1,3-Dichloropropene	10.0	10.8	108		70 - 130
trans-1,3-Dichloropropene	10.0	11.4	114		70 - 130
Diethyl Ether	10.0	11.6	116		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.2	112		70 - 130
1,4-Dioxane	100	107	107		40 - 130
Ethylbenzene	10.0	11.3	113		70 - 130
Hexachlorobutadiene	10.0	10.9	109		70 - 130
2-Hexanone (MBK)	100	117	117		70 - 160
Isopropylbenzene (Cumene)	10.0	13.1	131	*	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.9	119		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.4	114		70 - 130
Methylene Chloride	10.0	10.8	108		70 - 130
4-Methyl-2-pentanone (MIBK)	100	115	115		70 - 160
Naphthalene	10.0	8.18	81.8		40 - 130
n-Propylbenzene	10.0	11.3	113		70 - 130
Styrene	10.0	10.9	109		70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.32	93.2		70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.0	110		70 - 130
Tetrachloroethylene	10.0	11.7	117		70 - 130
Tetrahydrofuran	10.0	11.3	113		70 - 130
Toluene	10.0	11.8	118		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036099	Laboratory ID:	B036099-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	8.91	89.1	70 - 130
1,2,4-Trichlorobenzene	10.0	9.66	96.6	70 - 130
1,3,5-Trichlorobenzene	10.0	10.2	102	70 - 130
1,1,1-Trichloroethane	10.0	10.8	108	70 - 130
1,1,2-Trichloroethane	10.0	11.8	118	70 - 130
Trichloroethylene	10.0	11.6	116	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.6	106	70 - 130
1,2,3-Trichloropropane	10.0	10.4	104	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.9	119	70 - 130
1,2,4-Trimethylbenzene	10.0	11.2	112	70 - 130
1,3,5-Trimethylbenzene	10.0	11.2	112	70 - 130
Vinyl Chloride	10.0	9.79	97.9	40 - 160
m+p Xylene	20.0	22.3	112	70 - 130
o-Xylene	10.0	11.2	112	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	150	150	10.6	25	70 - 160
Acrylonitrile	10.0	10.5	105	5.01	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.3	103	7.45	25	70 - 130
Benzene	10.0	11.3	113	8.08	25	70 - 130
Bromobenzene	10.0	10.2	102	8.73	25	70 - 130
Bromochloromethane	10.0	11.6	116	6.35	25	70 - 130
Bromodichloromethane	10.0	9.63	96.3	2.87	25	70 - 130
Bromoform	10.0	7.67	76.7	6.68	25	70 - 130
Bromomethane	10.0	7.95	79.5	6.22	25	40 - 160
2-Butanone (MEK)	100	118	118	6.12	25	40 - 160
tert-Butyl Alcohol (TBA)	100	83.9	83.9	3.98	25	40 - 160
n-Butylbenzene	10.0	10.4	104	7.28	25	70 - 130
sec-Butylbenzene	10.0	10.8	108	9.56	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036099	Laboratory ID:	B036099-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
tert-Butylbenzene	10.0	10.4	104	7.85	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.11	91.1	3.24	25	70 - 130
Carbon Disulfide	10.0	11.8	118	13.9	25	70 - 130
Carbon Tetrachloride	10.0	8.22	82.2	5.10	25	70 - 130
Chlorobenzene	10.0	10.6	106	8.21	25	70 - 130
Chlorodibromomethane	10.0	8.99	89.9	2.96	25	70 - 130
Chloroethane	10.0	10.1	101	5.94	25	70 - 130
Chloroform	10.0	11.3	113	3.65	25	70 - 130
Chloromethane	10.0	7.92	79.2	9.73	25	40 - 160
2-Chlorotoluene	10.0	10.0	100	11.0	25	70 - 130
4-Chlorotoluene	10.0	10.4	104	9.52	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCI	10.0	7.72	77.2	10.3	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.8	108	6.38	25	70 - 130
Dibromomethane	10.0	11.0	110	3.75	25	70 - 130
1,2-Dichlorobenzene	10.0	10.4	104	6.08	25	70 - 130
1,3-Dichlorobenzene	10.0	10.4	104	7.71	25	70 - 130
1,4-Dichlorobenzene	10.0	10.2	102	7.98	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.00	70.0	0.573	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	8.71	87.1	9.62	25	40 - 160
1,1-Dichloroethane	10.0	11.0	110	6.31	25	70 - 130
1,2-Dichloroethane	10.0	11.0	110	7.97	25	70 - 130
1,1-Dichloroethylene	10.0	10.9	109	7.99	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.9	109	4.48	25	70 - 130
trans-1,2-Dichloroethylene	10.0	12.1	121	8.31	25	70 - 130
1,2-Dichloropropane	10.0	10.8	108	4.63	25	70 - 130
1,3-Dichloropropane	10.0	11.0	110	7.85	25	70 - 130
2,2-Dichloropropane	10.0	9.96	99.6	4.13	25	40 - 130
1,1-Dichloropropene	10.0	11.1	111	6.68	25	70 - 130
cis-1,3-Dichloropropene	10.0	10.3	103	4.65	25	70 - 130
trans-1,3-Dichloropropene	10.0	11.1	111	2.68	25	70 - 130
Diethyl Ether	10.0	10.9	109	6.41	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036099	Laboratory ID:	B036099-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Diisopropyl Ether (DIPE)	10.0	10.6	106	5.33	25	70 - 130
1,4-Dioxane	100	109	109	2.31	50	40 - 130
Ethylbenzene	10.0	10.4	104	8.47	25	70 - 130
Hexachlorobutadiene	10.0	9.97	99.7	9.00	25	70 - 130
2-Hexanone (MBK)	100	107	107	9.26	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.1	121	8.25	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.9	109	8.53	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.4	104	9.72	25	70 - 130
Methylene Chloride	10.0	10.1	101	6.61	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	104	104	10.2	25	70 - 160
Naphthalene	10.0	7.06	70.6	14.7	25	40 - 130
n-Propylbenzene	10.0	10.4	104	8.51	25	70 - 130
Styrene	10.0	10.3	103	5.28	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.07	90.7	2.72	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.90	99.0	10.4	25	70 - 130
Tetrachloroethylene	10.0	10.9	109	7.08	25	70 - 130
Tetrahydrofuran	10.0	9.60	96.0	16.2	25	70 - 130
Toluene	10.0	11.1	111	5.86	25	70 - 130
1,2,3-Trichlorobenzene	10.0	8.06	80.6	10.0	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.89	88.9	8.30	25	70 - 130
1,3,5-Trichlorobenzene	10.0	9.38	93.8	7.98	25	70 - 130
1,1,1-Trichloroethane	10.0	10.4	104	4.24	25	70 - 130
1,1,2-Trichloroethane	10.0	11.1	111	5.87	25	70 - 130
Trichloroethylene	10.0	11.1	111	4.13	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.1	101	5.11	25	70 - 130
1,2,3-Trichloropropane	10.0	9.38	93.8	10.6	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.2	112	5.71	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.4	104	6.67	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.2	102	9.56	25	70 - 130
Vinyl Chloride	10.0	9.12	91.2	7.09	25	40 - 160
m+p Xylene	20.0	21.0	105	6.33	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036099	Laboratory ID:	B036099-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
o-Xylene	10.0	10.2	102	9.09	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Blank ID:	B036099-BLK1	Batch:	B036099

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B036099-MSD1	VC236023.D	00:55
Matrix Spike	B036099-MS1	VC236022.D	00:25
LCS Dup	B036099-BSD1	VC236005.D	15:48
LCS	B036099-BS1	VC236004.D	15:17
PW16-100	11H0909-10	VC236019.D	22:54
PW16-075	11H0909-09	VC236020.D	23:24
PW16-050	11H0909-08	VC236018.D	22:23
PW16-025	11H0909-07	VC236017.D	21:53
PW17-200	11H0909-06	VC236016.D	21:22
PW17-175	11H0909-05	VC236015.D	20:52
PW17-150/Q	11H0909-04	VC236014.D	20:22
PW17-150	11H0909-03	VC236013.D	19:52
PW17-125	11H0909-02	VC236021.D	23:54
TB-08192011	11H0909-01	VC236008.D	17:20

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Lab File ID:	VC236002.D	Injection Date:	08/24/11
Instrument ID:	GCMSVOA3	Injection Time:	14:13
Sequence:	S001084	Lab Sample ID:	S001084-TUN1

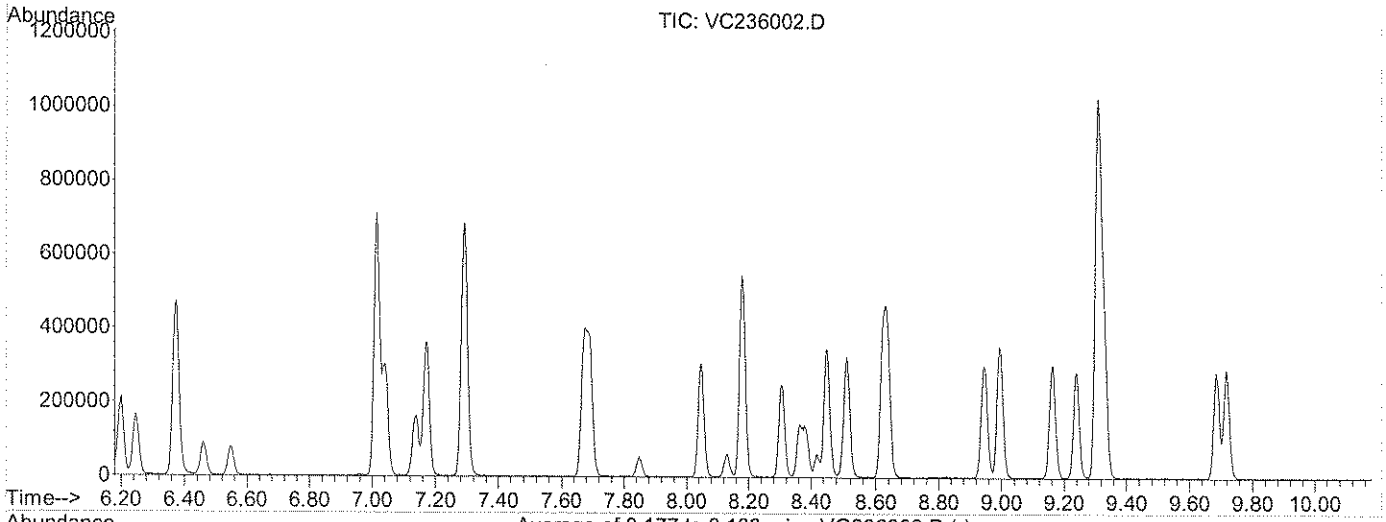
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	17.3	PASS
75	30 - 60% of 95	44.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.54	PASS
173	Less than 2% of 174	0.706	PASS
174	50 - 200% of 95	91	PASS
175	5 - 9% of 174	8.57	PASS
176	95 - 101% of 174	98.1	PASS
177	5 - 9% of 176	6.62	PASS

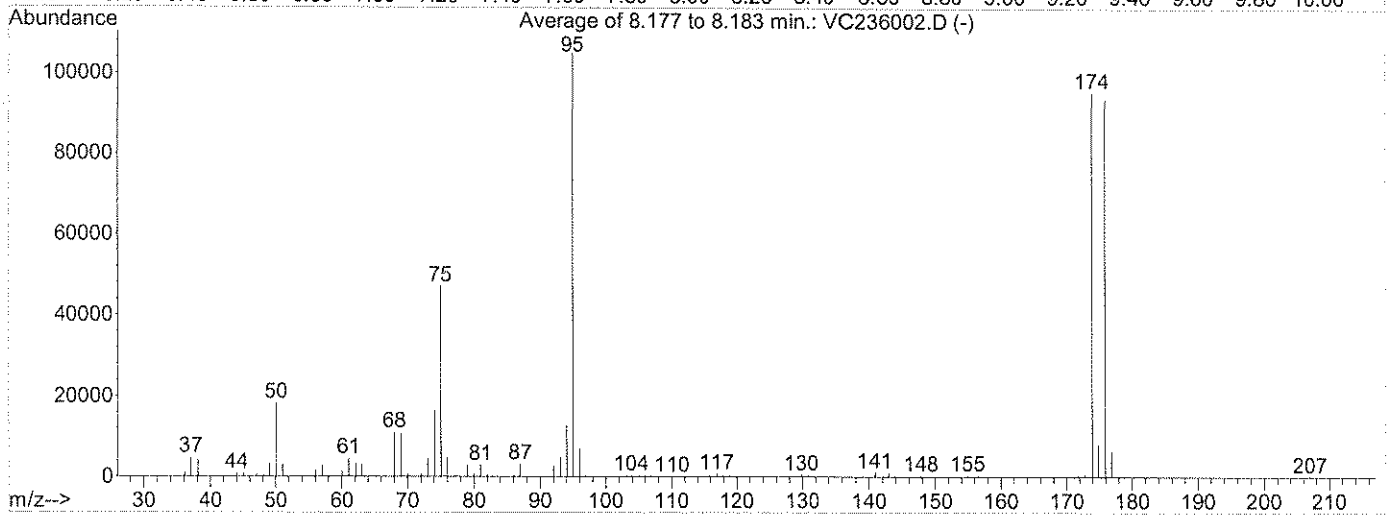
Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001084-CCV1	VC236002.D	08/24/2011	14:13:00
LCS	B036099-BS1	VC236004.D	08/24/2011	15:17:00
LCS Dup	B036099-BSD1	VC236005.D	08/24/2011	15:48:00
Blank	B036099-BLK1	VC236007.D	08/24/2011	16:49:00
TB-08192011	11H0909-01	VC236008.D	08/24/2011	17:20:00
PW17-150	11H0909-03	VC236013.D	08/24/2011	19:52:00
PW17-150/Q	11H0909-04	VC236014.D	08/24/2011	20:22:00
PW17-175	11H0909-05	VC236015.D	08/24/2011	20:52:00
PW17-200	11H0909-06	VC236016.D	08/24/2011	21:22:00
PW16-025	11H0909-07	VC236017.D	08/24/2011	21:53:00
PW16-050	11H0909-08	VC236018.D	08/24/2011	22:23:00
PW16-100	11H0909-10	VC236019.D	08/24/2011	22:54:00
PW16-075	11H0909-09	VC236020.D	08/24/2011	23:24:00
PW17-125	11H0909-02	VC236021.D	08/24/2011	23:54:00
Matrix Spike	B036099-MS1	VC236022.D	08/25/2011	0:25:00
Matrix Spike Dup	B036099-MSD1	VC236023.D	08/25/2011	0:55:00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Aug 25 09:14:40 2011





AutoFind: Scans 2646, 2647, 2648; Background Corrected with Scan 2631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.3	18196	PASS
75	95	30	60	44.8	47069	PASS
95	95	100	100	100.0	105058	PASS
96	95	5	9	6.5	6867	PASS
173	174	0.00	2	0.7	675	PASS
174	95	50	100	91.0	95584	PASS
175	174	5	9	8.6	8196	PASS
176	174	95	101	98.1	93768	PASS
177	176	5	9	6.6	6208	PASS

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001084	Instrument:	GCMSVOA3
		Calibration:	1100030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001084-CCV1)			*Lab File ID: VC236002.D*			*Analyzed: 08/24/11 14:13*			
Pentafluorobenzene	177907	3.411	198922	3.41	89	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	277579	4.148	303268	4.15	92	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	177980	7.014	191149	7.01	93	50 - 200	0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	185990	9.309	205446	9.31	91	50 - 200	-0.0010	+/-0.50	
LCS (B036099-BS1)			*Lab File ID: VC236004.D*			*Analyzed: 08/24/11 15:17*			
Pentafluorobenzene	167638	3.41	177907	3.411	94	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	260774	4.15	277579	4.148	94	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	166654	7.01	177980	7.014	94	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	174283	9.31	185990	9.309	94	50 - 200	0.0010	+/-0.50	
LCS Dup (B036099-BSD1)			*Lab File ID: VC236005.D*			*Analyzed: 08/24/11 15:48*			
Pentafluorobenzene	176435	3.41	177907	3.411	99	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	276372	4.15	277579	4.148	100	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	180415	7.01	177980	7.014	101	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	187349	9.31	185990	9.309	101	50 - 200	0.0010	+/-0.50	
Blank (B036099-BLK1)			*Lab File ID: VC236007.D*			*Analyzed: 08/24/11 16:49*			
Pentafluorobenzene	161031	3.41	177907	3.411	91	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	255749	4.15	277579	4.148	92	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	160740	7.01	177980	7.014	90	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	156860	9.31	185990	9.309	84	50 - 200	0.0010	+/-0.50	
TB-08192011 (11H0909-01)			*Lab File ID: VC236008.D*			*Analyzed: 08/24/11 17:20*			
Pentafluorobenzene	170285	3.41	177907	3.411	96	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	270419	4.15	277579	4.148	97	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	173573	7.01	177980	7.014	98	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	170092	9.31	185990	9.309	91	50 - 200	0.0010	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001084	Instrument:	GCMSVOA3
		Calibration:	1100030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW17-150 (11H0909-03)			*Lab File ID: VC236013.D*			*Analyzed: 08/24/11 19:52*			
Pentafluorobenzene	173609	3.41	177907	3.411	98	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	271199	4.15	277579	4.148	98	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	175761	7.02	177980	7.014	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	179125	9.31	185990	9.309	96	50 - 200	0.0010	+/-0.50	
PW17-150/Q (11H0909-04)			*Lab File ID: VC236014.D*			*Analyzed: 08/24/11 20:22*			
Pentafluorobenzene	167354	3.41	177907	3.411	94	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	261668	4.15	277579	4.148	94	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	166482	7.01	177980	7.014	94	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	176943	9.31	185990	9.309	95	50 - 200	0.0010	+/-0.50	
PW17-175 (11H0909-05)			*Lab File ID: VC236015.D*			*Analyzed: 08/24/11 20:52*			
Pentafluorobenzene	178089	3.41	177907	3.411	100	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	287753	4.15	277579	4.148	104	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	182327	7.01	177980	7.014	102	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	189770	9.31	185990	9.309	102	50 - 200	0.0010	+/-0.50	
PW17-200 (11H0909-06)			*Lab File ID: VC236016.D*			*Analyzed: 08/24/11 21:22*			
Pentafluorobenzene	166582	3.41	177907	3.411	94	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	263634	4.15	277579	4.148	95	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	169753	7.01	177980	7.014	95	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	169184	9.31	185990	9.309	91	50 - 200	0.0010	+/-0.50	
PW16-025 (11H0909-07)			*Lab File ID: VC236017.D*			*Analyzed: 08/24/11 21:53*			
Pentafluorobenzene	177318	3.41	177907	3.411	100	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	280963	4.15	277579	4.148	101	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	184020	7.01	177980	7.014	103	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	190222	9.31	185990	9.309	102	50 - 200	0.0010	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001084	Instrument:	GCMSVOA3
		Calibration:	1100030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW16-050 (11H0909-08)			*Lab File ID: VC236018.D*			*Analyzed: 08/24/11 22:23*			
Pentafluorobenzene	171258	3.41	177907	3.411	96	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	270309	4.15	277579	4.148	97	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	176717	7.01	177980	7.014	99	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	180597	9.31	185990	9.309	97	50 - 200	0.0010	+/-0.50	
PW16-100 (11H0909-10)			*Lab File ID: VC236019.D*			*Analyzed: 08/24/11 22:54*			
Pentafluorobenzene	170345	3.41	177907	3.411	96	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	264420	4.15	277579	4.148	95	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	170615	7.01	177980	7.014	96	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	182739	9.31	185990	9.309	98	50 - 200	0.0010	+/-0.50	
PW16-075 (11H0909-09)			*Lab File ID: VC236020.D*			*Analyzed: 08/24/11 23:24*			
Pentafluorobenzene	165792	3.41	177907	3.411	93	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	262169	4.15	277579	4.148	94	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	169388	7.01	177980	7.014	95	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	172743	9.31	185990	9.309	93	50 - 200	0.0010	+/-0.50	
PW17-125 (11H0909-02)			*Lab File ID: VC236021.D*			*Analyzed: 08/24/11 23:54*			
Pentafluorobenzene	172491	3.41	177907	3.411	97	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	271237	4.14	277579	4.148	98	50 - 200	-0.0080	+/-0.50	
Chlorobenzene-d5	174727	7.02	177980	7.014	98	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	183797	9.31	185990	9.309	99	50 - 200	0.0010	+/-0.50	
Matrix Spike (B036099-MS1)			*Lab File ID: VC236022.D*			*Analyzed: 08/25/11 00:25*			
Pentafluorobenzene	166198	3.41	177907	3.411	93	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	267031	4.14	277579	4.148	96	50 - 200	-0.0080	+/-0.50	
Chlorobenzene-d5	172621	7.01	177980	7.014	97	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	179601	9.31	185990	9.309	97	50 - 200	0.0010	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001084	Instrument:	GCMSVOA3
		Calibration:	1100030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (B036099-MSD1)			*Lab File ID: VC236023.D*			*Analyzed: 08/25/11 00:55*			
Pentafluorobenzene	162174	3.41	177907	3.411	91	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	263305	4.15	277579	4.148	95	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	167663	7.01	177980	7.014	94	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	176506	9.31	185990	9.309	95	50 - 200	0.0010	+/-0.50	

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-08192011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0909-01	File ID:	VC236008.D
Sampled:	08/19/11 07:10	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 17:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08192011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0909-01	File ID:	VC236008.D
Sampled:	08/19/11 07:10	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 17:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08192011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0909-01	File ID:	VC236008.D
Sampled:	08/19/11 07:10	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 17:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08192011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11H0909-01	File ID:	VC236008.D
Sampled:	08/19/11 07:10	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 17:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236008.D
Acq On : 24 Aug 2011 5:20 pm
Operator :
Sample : 11H0909-01 @ TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 25 10:37:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

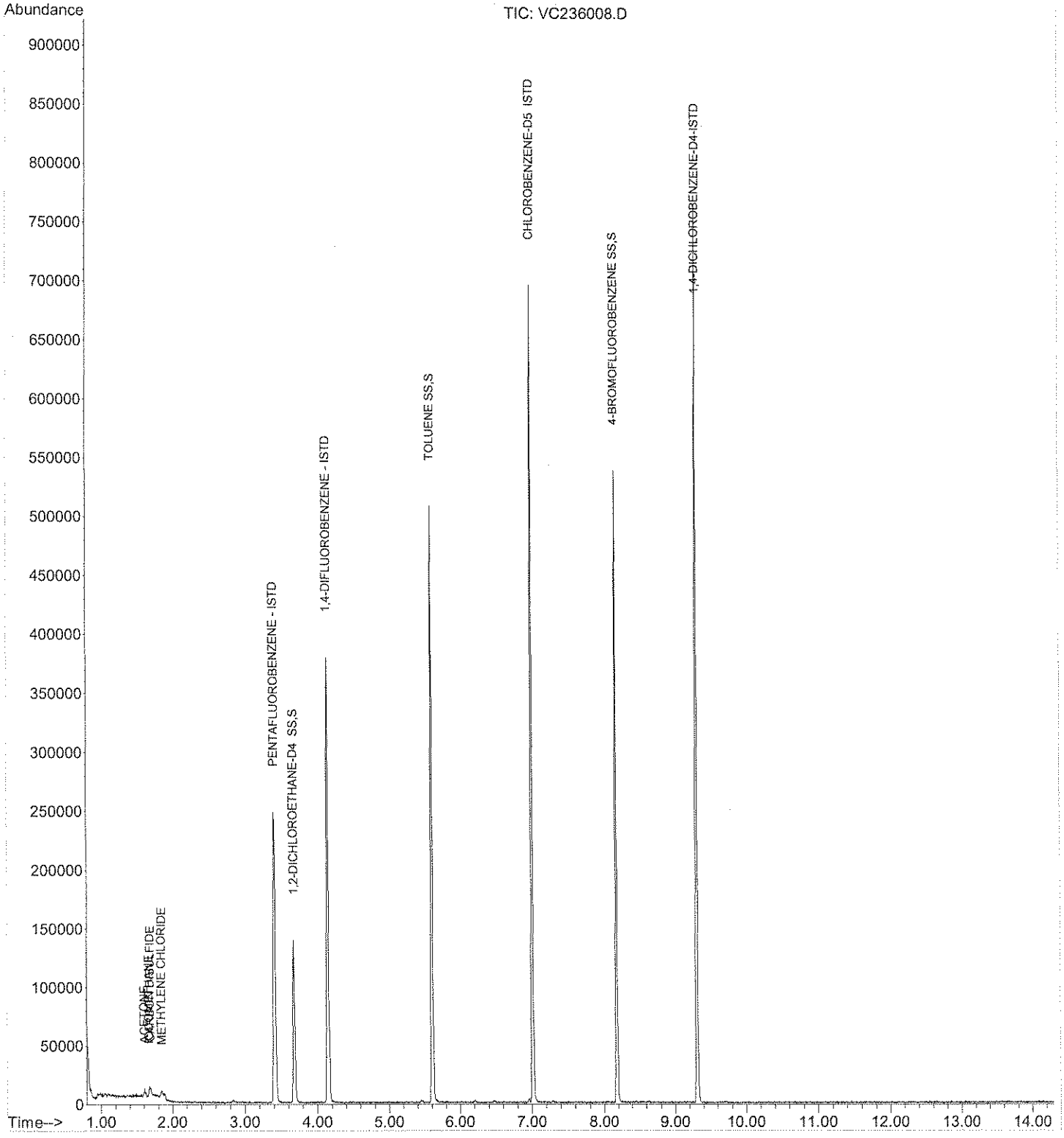
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	170285	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	270419	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	173573	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	170092	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	94806	26.31	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.24%			
49) TOLUENE SS	5.61	98	280173	25.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.76%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	137996	24.16	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.64%			
Target Compounds						Qvalue
14) ACETONE	1.60	43	5104	5.58	UG/L	95
17) IODOMETHANE	1.67	142	1263m	0.26	UG/L	
23) METHYLENE CHLORIDE	1.85	49	1912	0.39	UG/L	98
24) CARBON DISULFIDE	1.70	76	1192	0.13	UG/L #	100

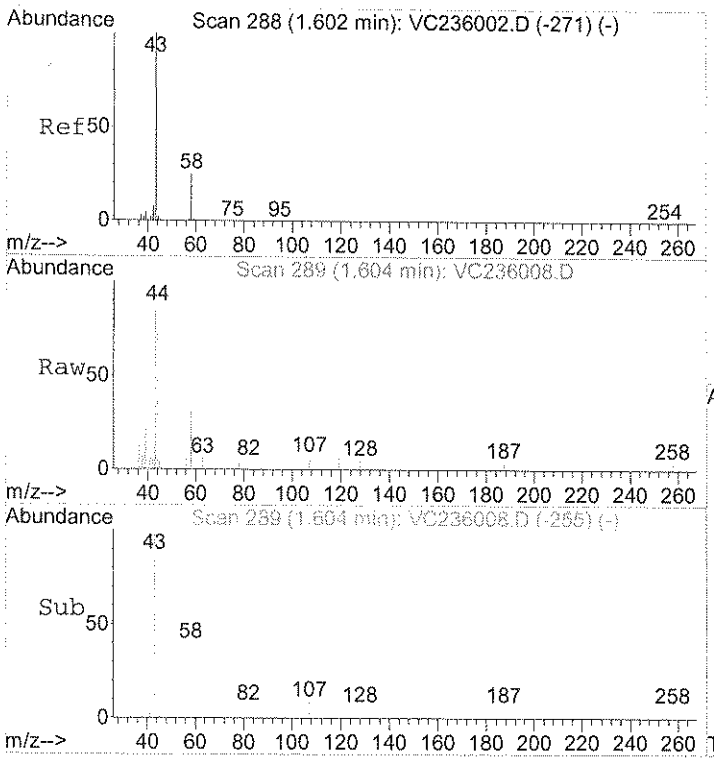
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236008.D
Acq On : 24 Aug 2011 5:20 pm
Operator :
Sample : 11H0909-01 @ TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 25 10:37:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

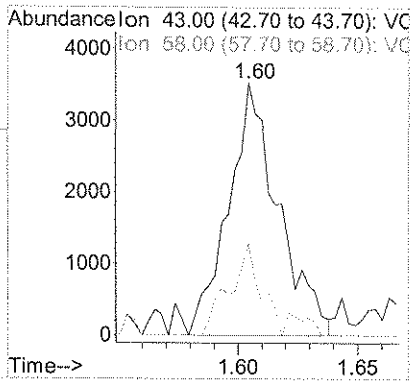


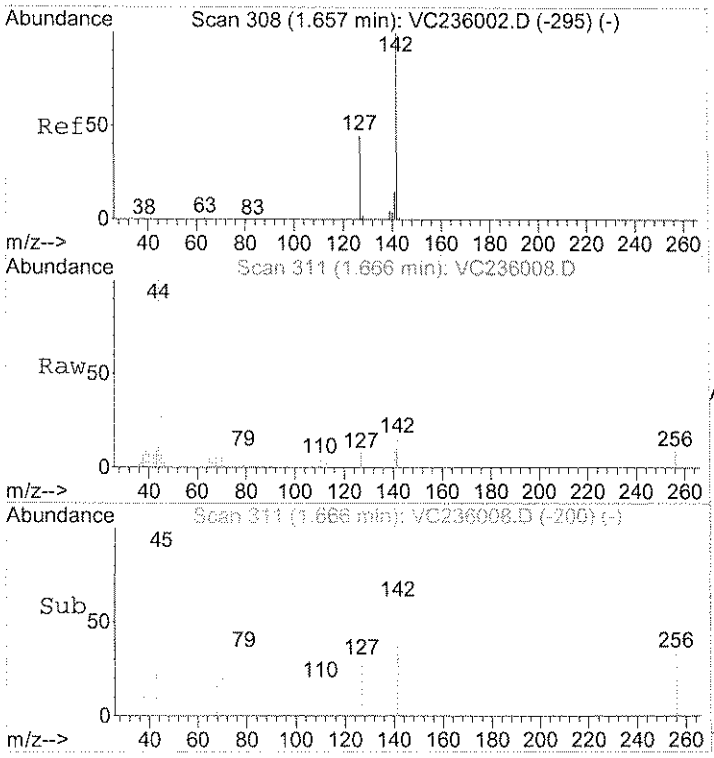


#14
ACETONE
Concen: 5.58 UG/L
RT: 1.60 min Scan# 289
Delta R.T. 0.00 min
Lab File: VC236008.D
Acq: 24 Aug 2011 5:20 pm

Tgt Ion: 43 Resp: 5104

Ion	Ratio	Lower	Upper
43	100		
58	22.8	20.2	30.2

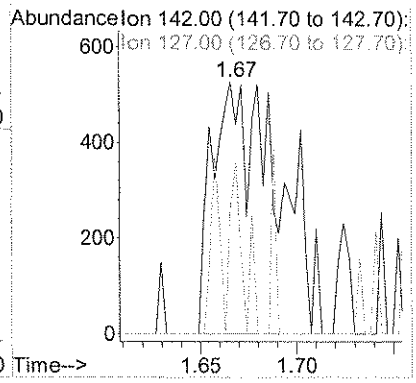


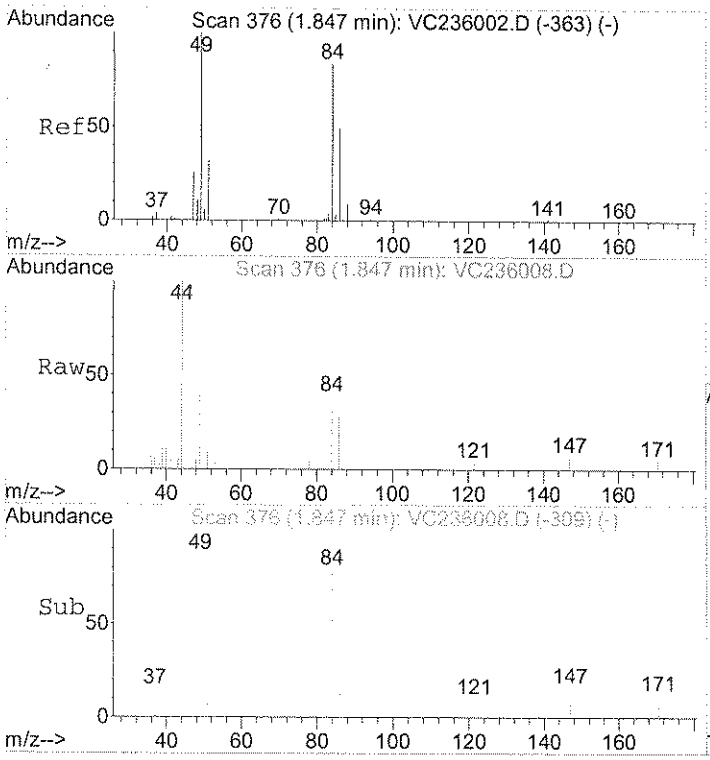


#17
IODOMETHANE
Concen: 0.26 UG/L m
RT: 1.67 min Scan# 311
Delta R.T. 0.01 min
Lab File: VC236008.D
Acq: 24 Aug 2011 5:20 pm

Tgt Ion:142 Resp: 1263

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.2	48.2#

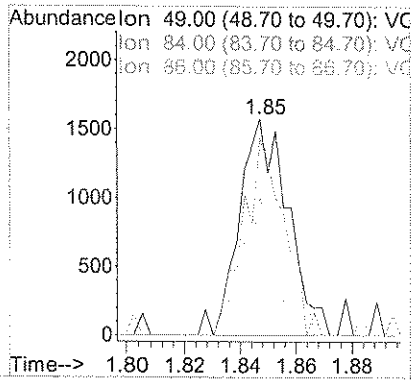


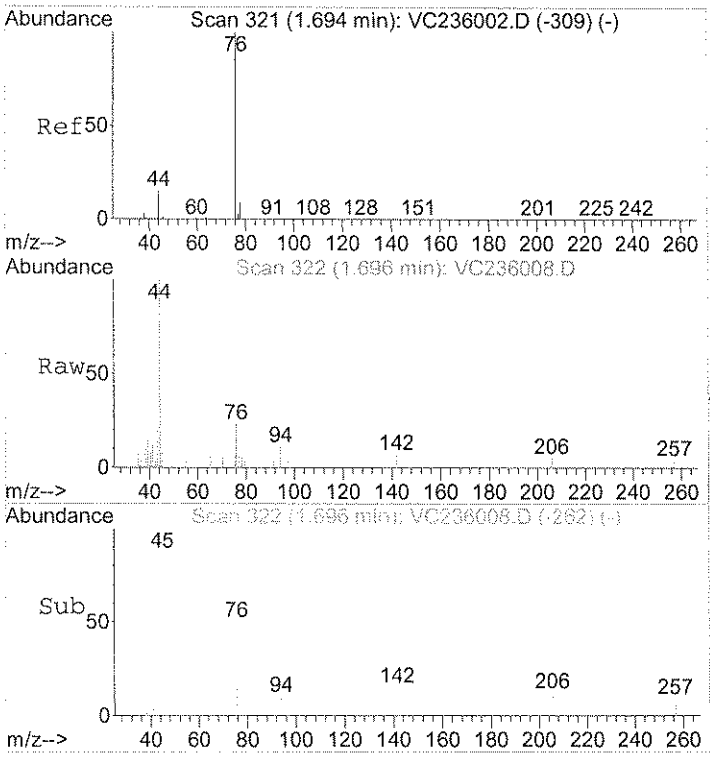


#23
METHYLENE CHLORIDE
Concen: 0.39 UG/L
RT: 1.85 min Scan# 376
Delta R.T. -0.00 min
Lab File: VC236008.D
Acq: 24 Aug 2011 5:20 pm

Tgt Ion: 49 Resp: 1912

Ion	Ratio	Lower	Upper
49	100		
84	76.9	63.0	94.6
86	49.6	39.1	58.7

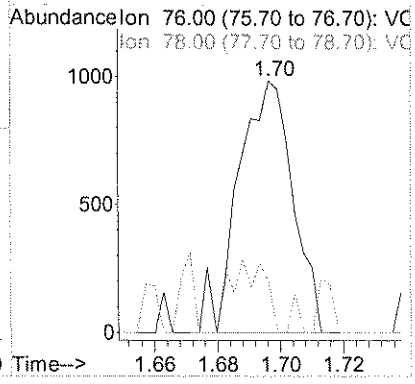




#24
CARBON DISULFIDE
Concen: 0.13 UG/L
RT: 1.70 min Scan# 322
Delta R.T. 0.00 min
Lab File: VC236008.D
Acq: 24 Aug 2011 5:20 pm

Tgt Ion: 76 Resp: 1192

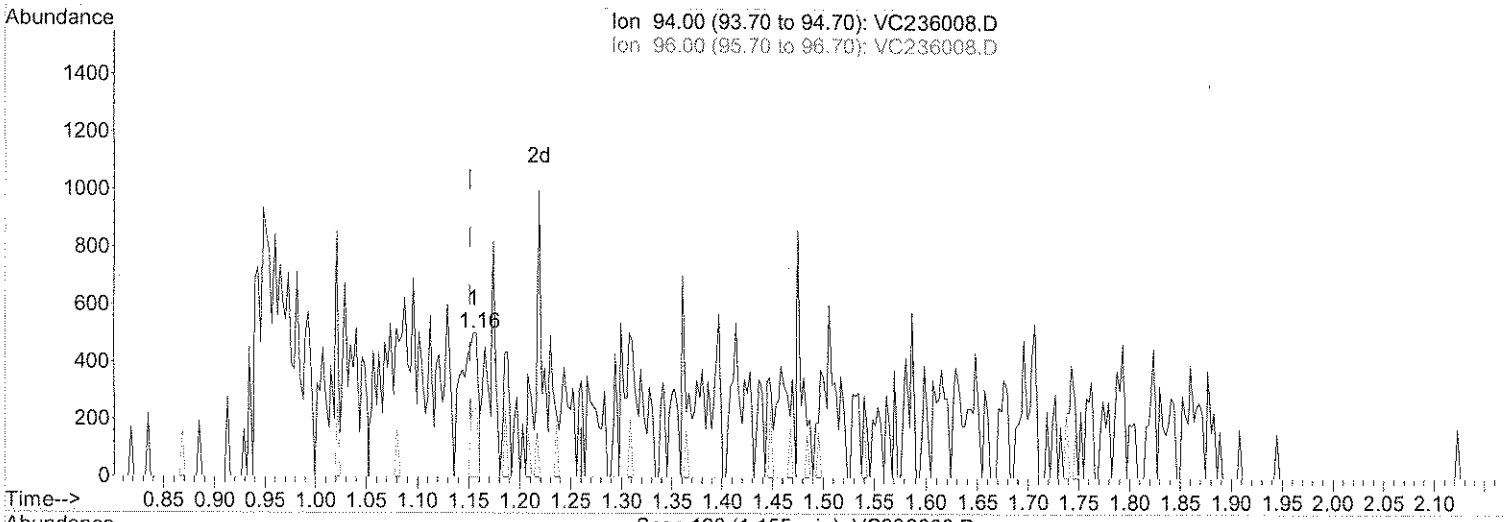
Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

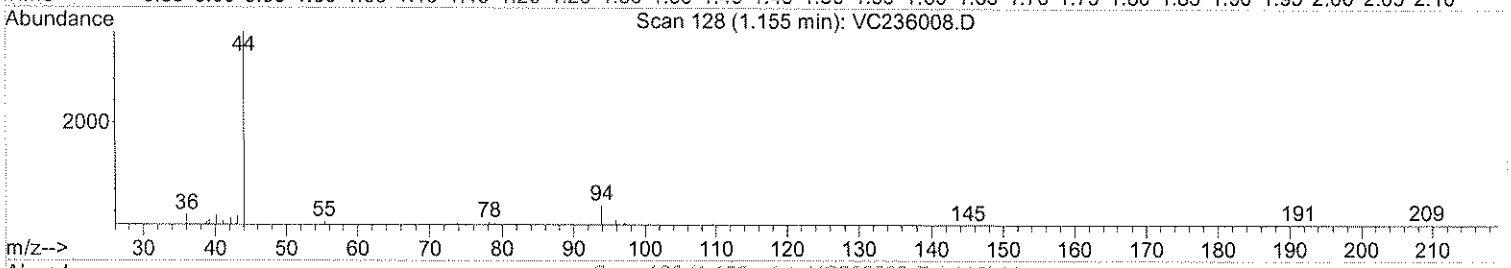


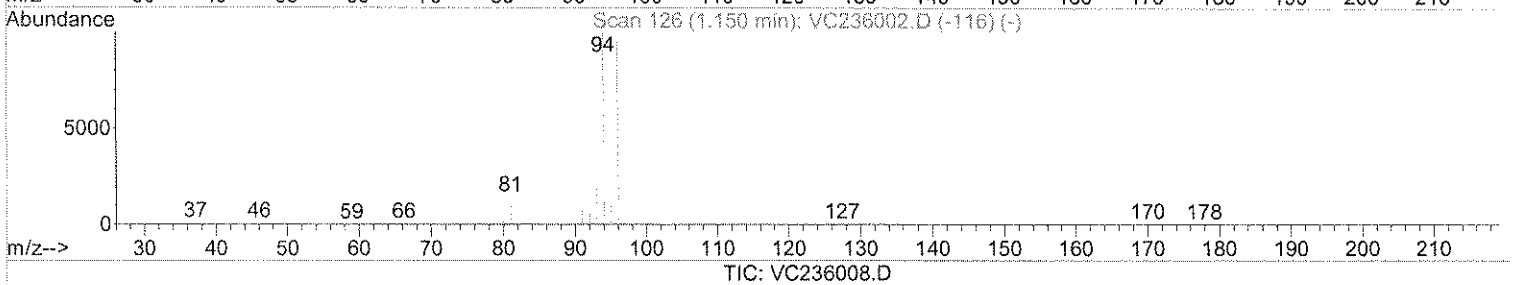
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236008.D
Acq On : 24 Aug 2011 5:20 pm
Operator :
Sample : 11H0909-01 @ TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 25 07:32:38 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236008.D

(7) BROMOMETHANE

1.155min (+0.003) 0.20UG/L

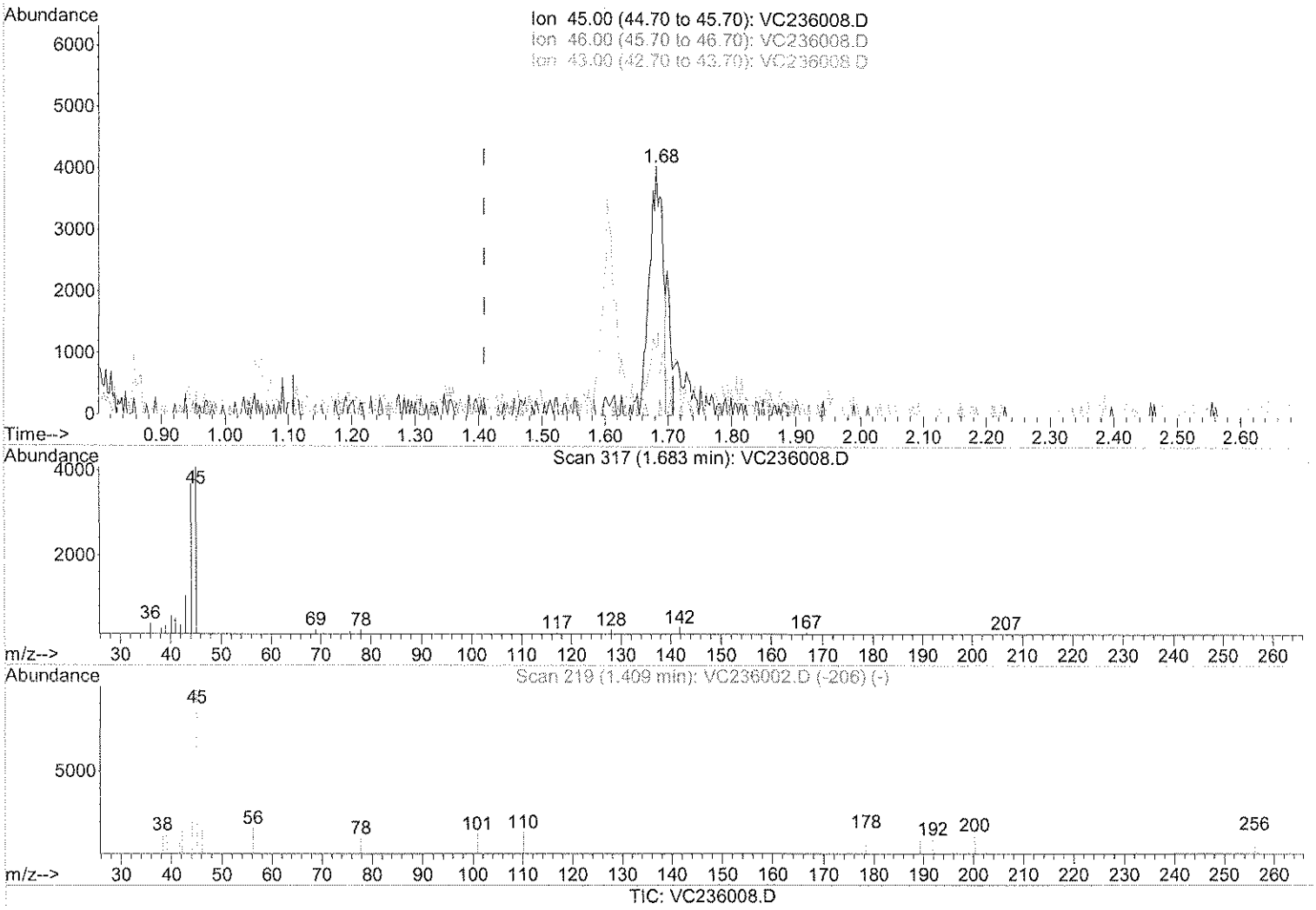
response 582

Ion	Exp%	Act%
94.00	100	100
96.00	93.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236008.D
Acq On : 24 Aug 2011 5:20 pm
Operator :
Sample : 11H0909-01 @ TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 25 07:32:38 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236008.D

(11) ETHANOL

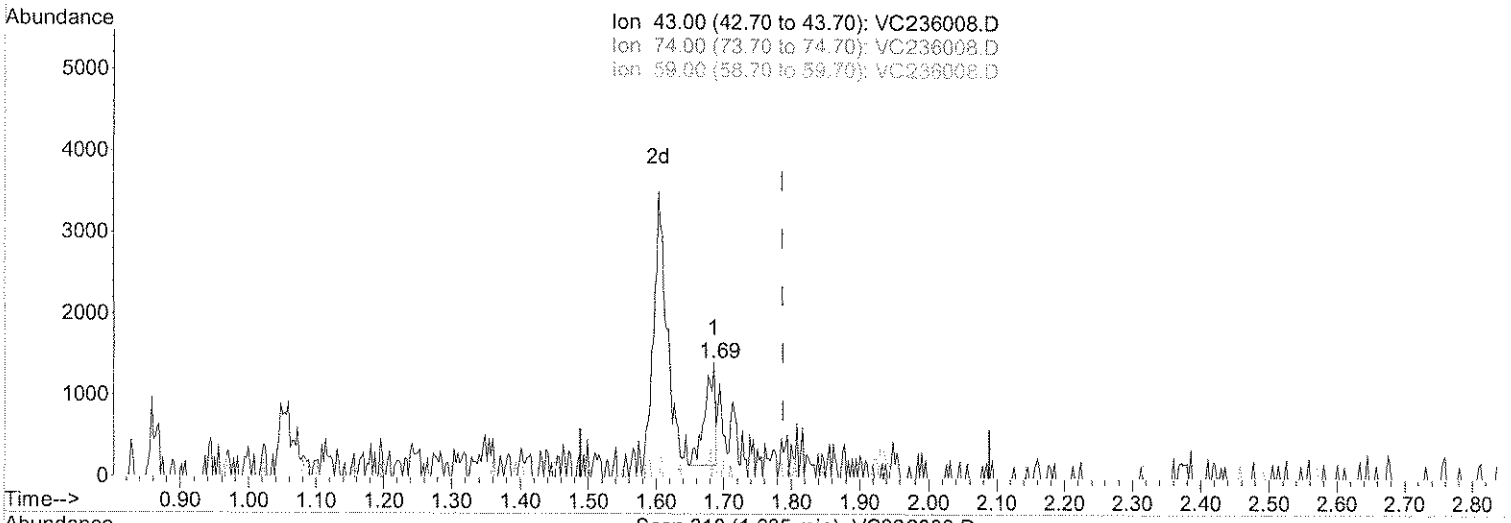
1.683min (+0.274) 258.51UG/L

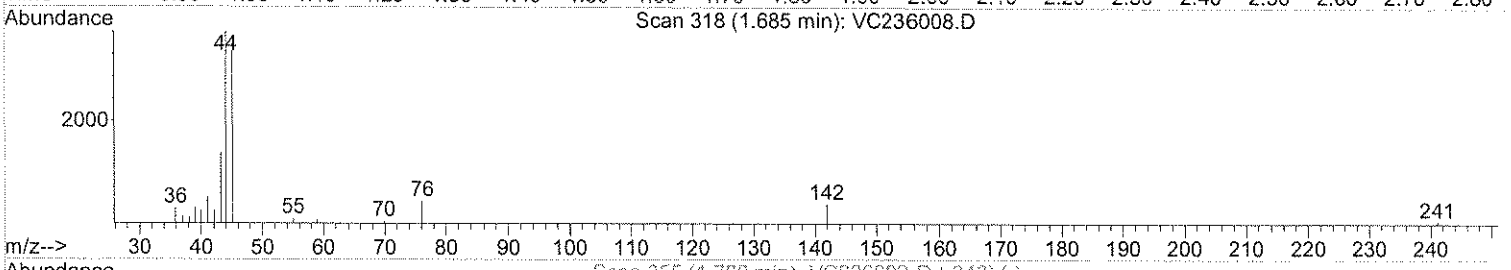
response 5989

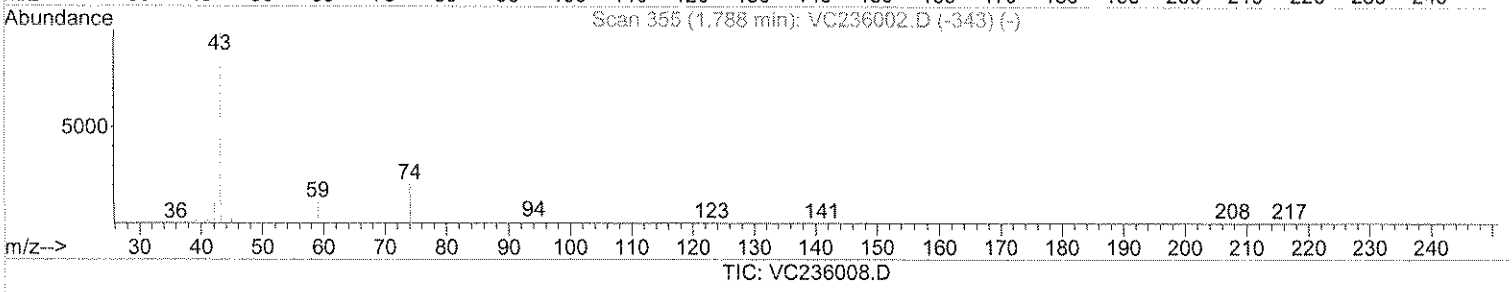
Ion	Exp%	Act%
45.00	100	100
46.00	38.40	0.00#
43.00	21.90	22.19
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236008.D
Acq On : 24 Aug 2011 5:20 pm
Operator :
Sample : 11H0909-01 @ TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 25 07:32:38 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236008.D

(20) METHYL ACETATE

1.685min (-0.103) 0.26UG/L

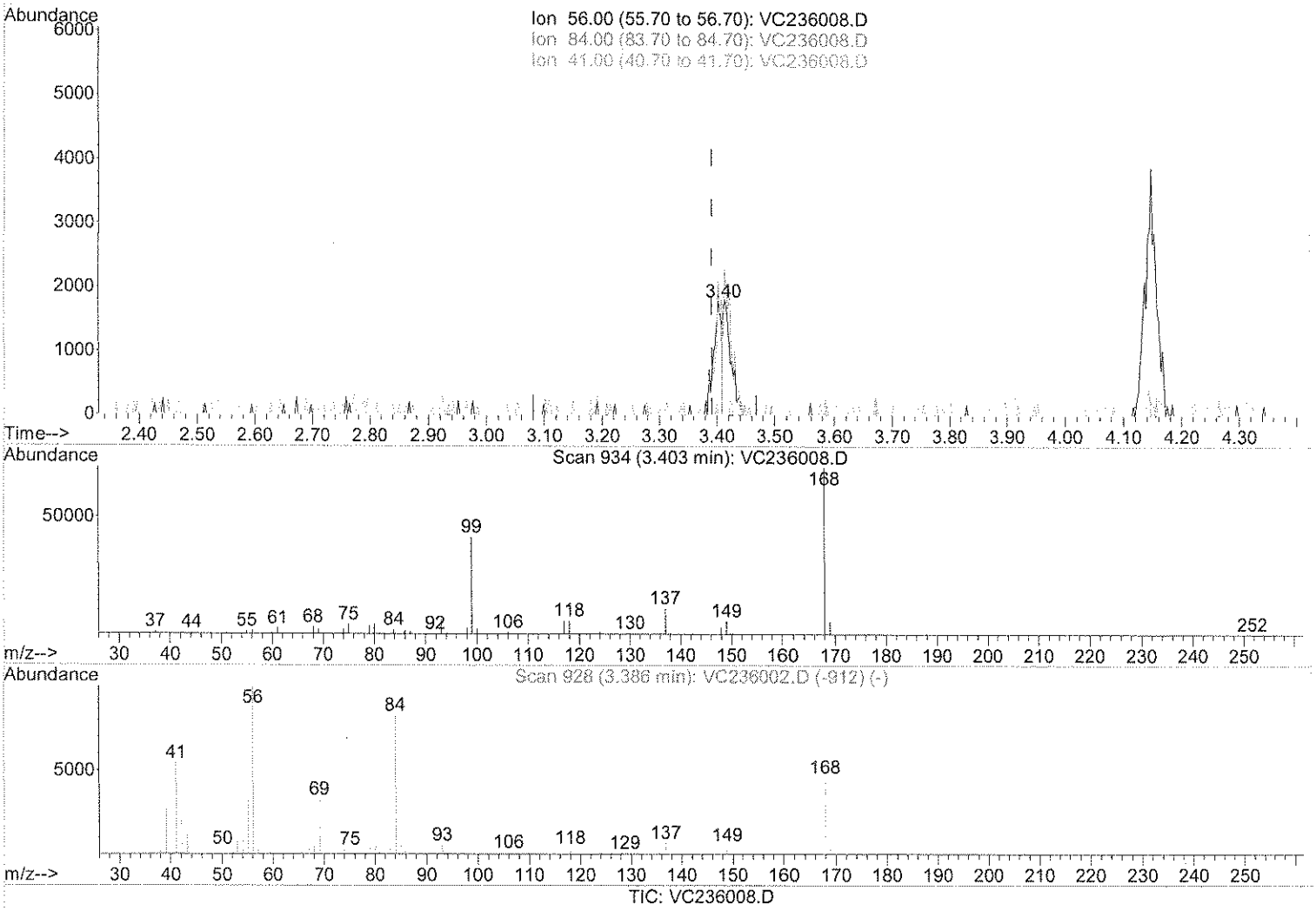
response 1329

Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236008.D
Acq On : 24 Aug 2011 5:20 pm
Operator :
Sample : 11H0909-01 @ TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 25 07:32:38 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236008.D

(42) CYCLOHEXANE

3.403min (+0.011) 0.29UG/L

response 1747

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	112.25#
41.00	62.90	0.00#
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-02	File ID:	VC236021.D
Sampled:	08/19/11 07:40	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 23:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-02	File ID:	VC236021.D
Sampled:	08/19/11 07:40	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 23:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	MS-09, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	17	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	1.0	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	16	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-02	File ID:	VC236021.D
Sampled:	08/19/11 07:40	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 23:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	MS-07A, V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	22	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	11	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-02	File ID:	VC236021.D
Sampled:	08/19/11 07:40	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 23:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 14H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

Quant Time: Aug 25 11:12:09 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

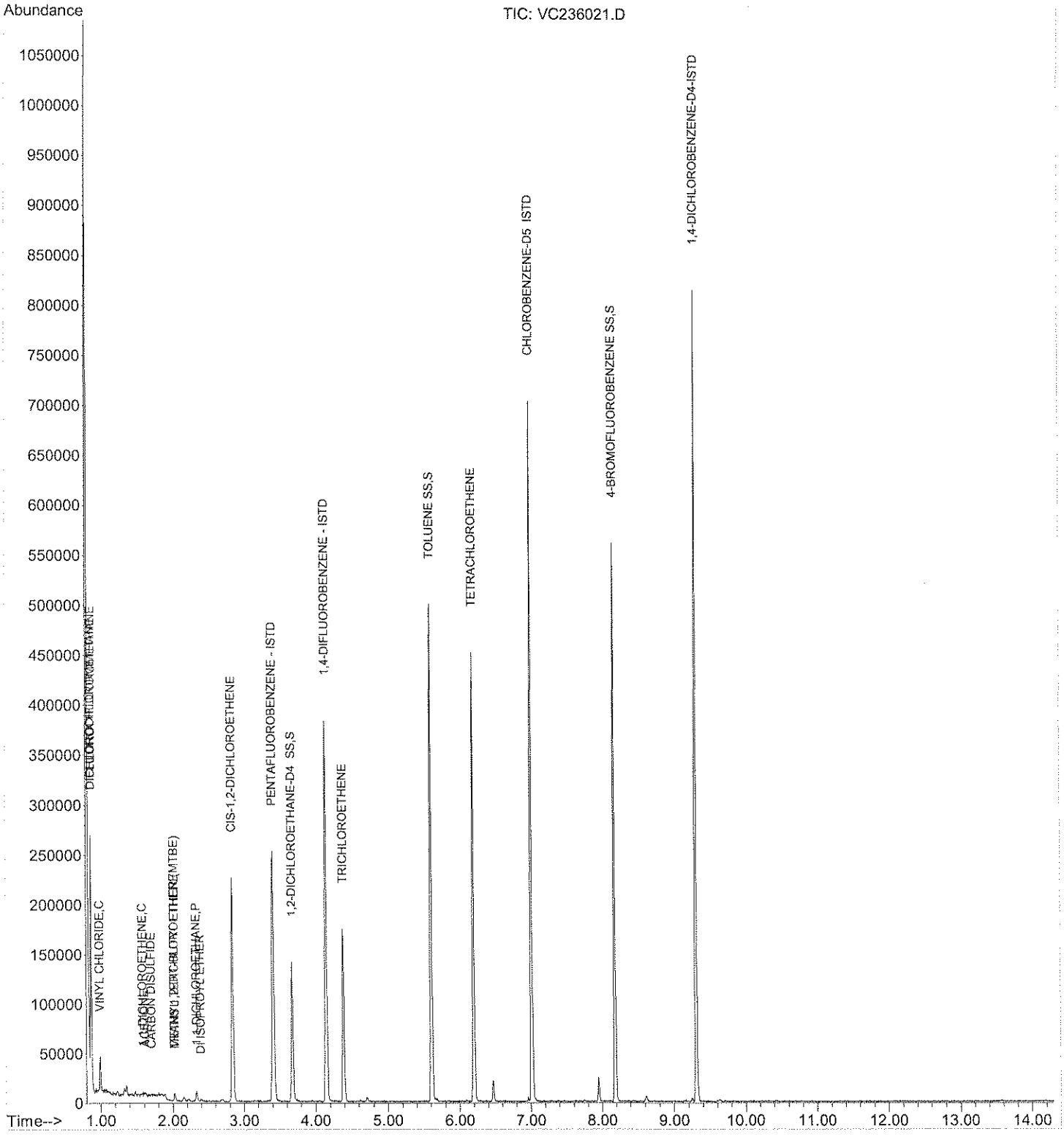
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	172491	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.14	114	271237	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.02	82	174727	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	183797	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	96540	26.45	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.80%			
49) TOLUENE SS	5.61	98	279153	25.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.08%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	140784	24.48	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.92%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	94659	16.81	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.88	51	7658	1.26	UG/L	94
6) VINYL CHLORIDE	1.00	62	3459	0.77	UG/L	97
14) ACETONE	1.60	43	2867	3.09	UG/L	98
15) 1,1-DICHLOROETHENE	1.57	61	1256m	0.23	UG/L	
24) CARBON DISULFIDE	1.70	76	1055	0.11	UG/L #	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	1440m	0.12	UG/L	
26) TRANS 1,2-DICHLOROETHENE	2.03	61	1897m	0.33	UG/L	
27) 1,1-DICHLOROETHANE	2.33	63	8055	1.05	UG/L	98
29) DI ISOPROYL ETHER	2.39	45	1362m	0.10	UG/L	
33) CIS-1,2-DICHLOROETHENE	2.84	61	114755	16.12	UG/L	91
51) TRICHLOROETHENE	4.39	95	49966	10.65	UG/L	99
66) TETRACHLOROETHENE	6.20	166	108696	21.68	UG/L	97

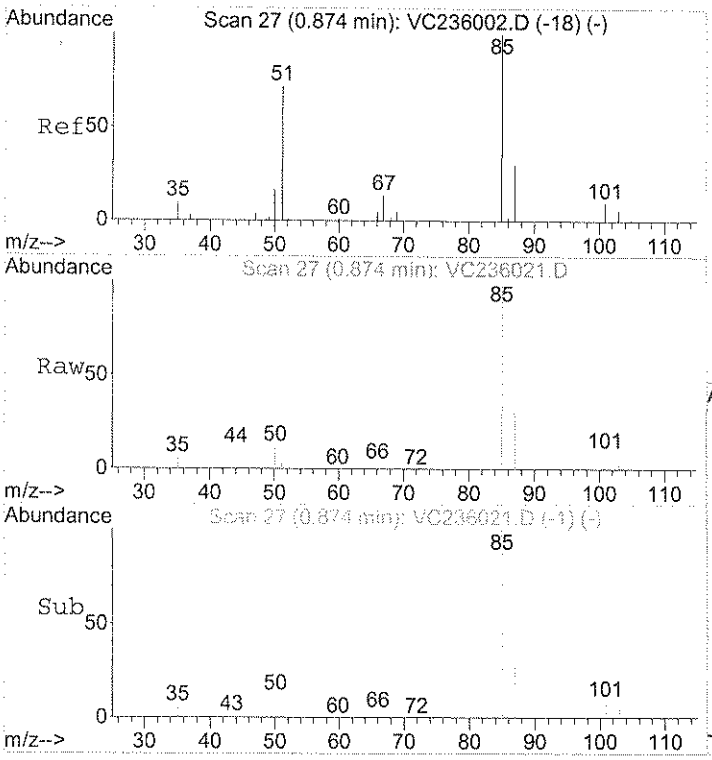
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 11:12:09 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

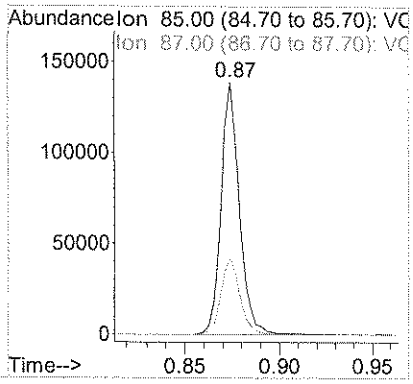


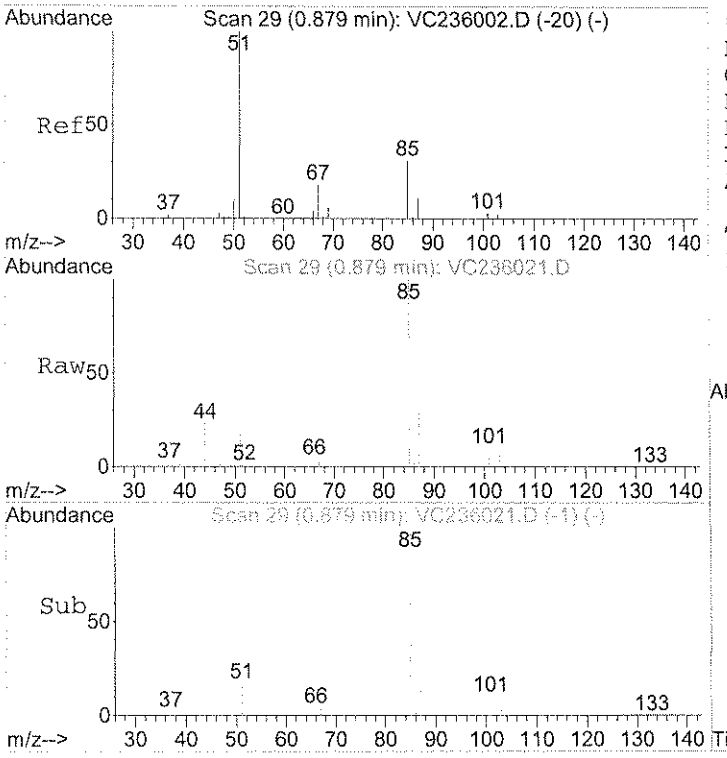


#3
DICHLORODIFLUOROMETHANE
Concen: 16.81 UG/L
RT: 0.87 min Scan# 27
Delta R.T. 0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 85 Resp: 94659

Ion	Ratio	Lower	Upper
85	100		
87	31.6	26.2	39.4

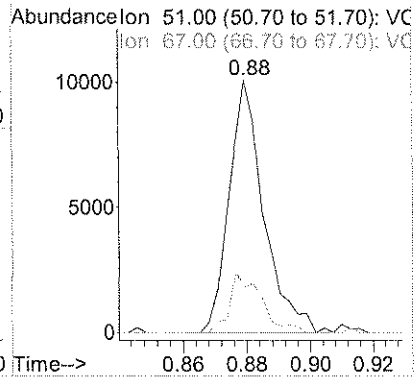


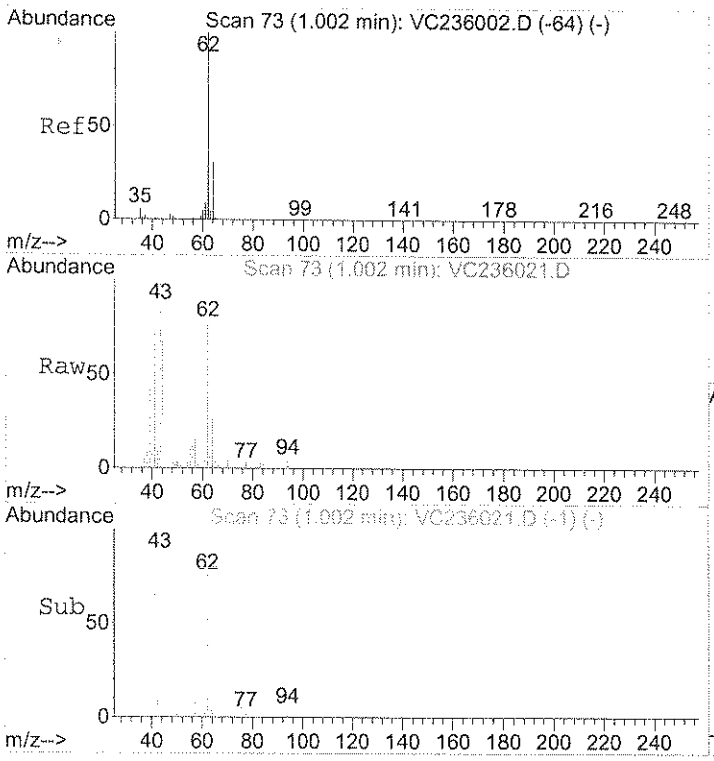


#4
DIFLUOROCHLOROMETHANE
Concen: 1.26 UG/L
RT: 0.88 min Scan# 29
Delta R.T. 0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 51 Resp: 7658

Ion	Ratio	Lower	Upper
51	100		
67	21.5	15.2	22.8

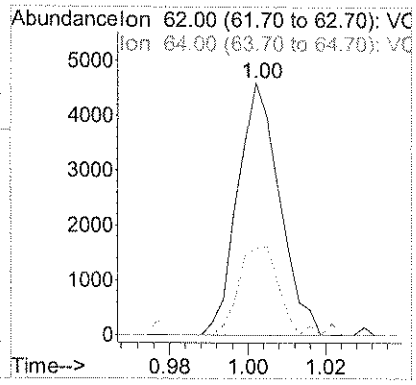


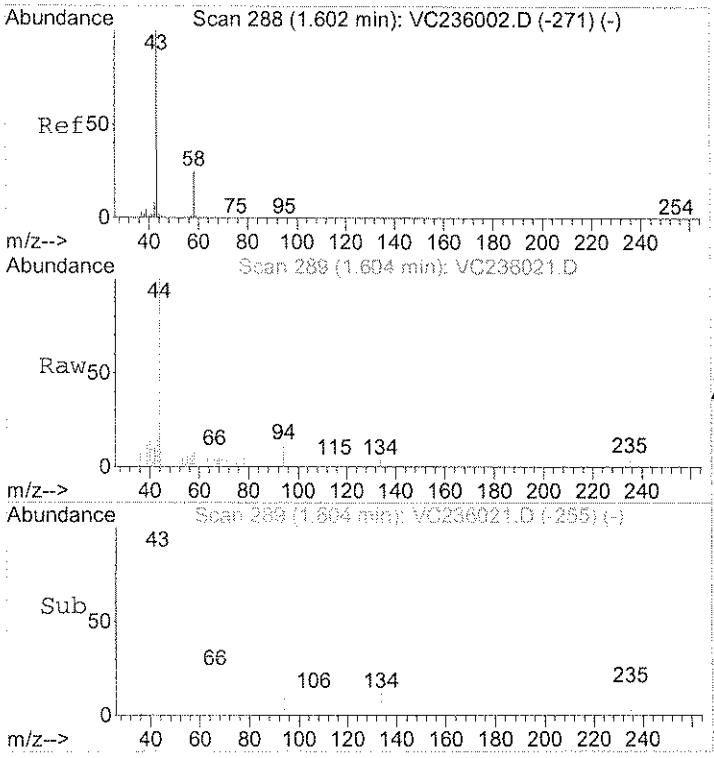


#6
VINYL CHLORIDE
Concen: 0.77 UG/L
RT: 1.00 min Scan# 73
Delta R.T. 0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 62 Resp: 3459

Ion	Ratio	Lower	Upper
62	100		
64	33.7	25.6	38.4

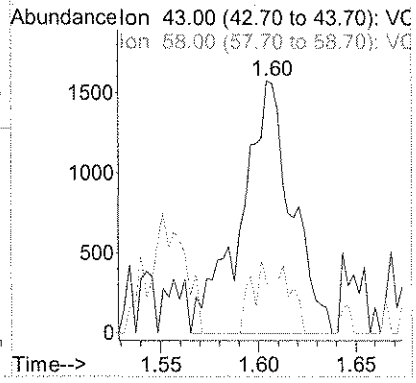


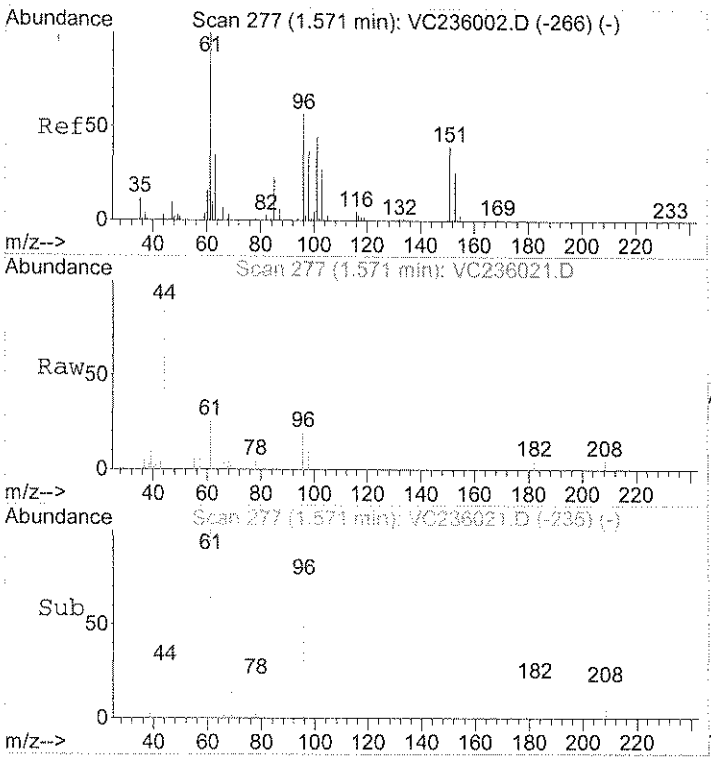


#14
ACETONE
Concen: 3.09 UG/L
RT: 1.60 min Scan# 289
Delta R.T. 0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 43 Resp: 2867

Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.2	30.2

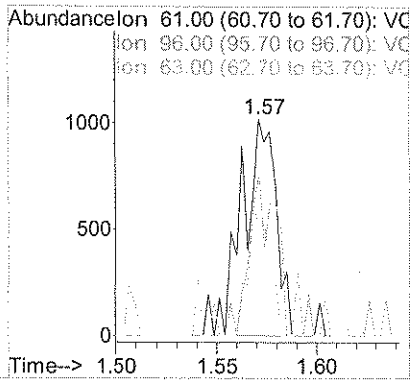


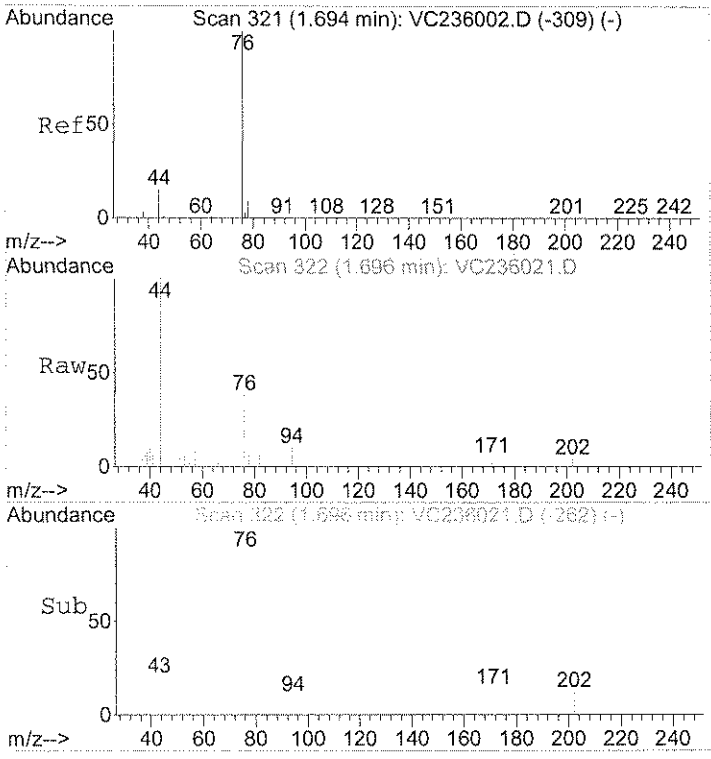


#15
1,1-DICHLOROETHENE
Concen: 0.23 UG/L m
RT: 1.57 min Scan# 277
Delta R.T. -0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 61 Resp: 1256

Ion	Ratio	Lower	Upper
61	100		
96	0.0	45.8	68.8#
63	0.0	25.5	38.3#

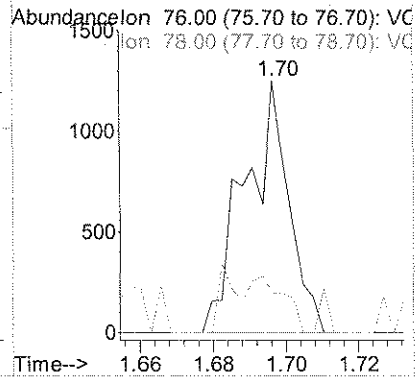


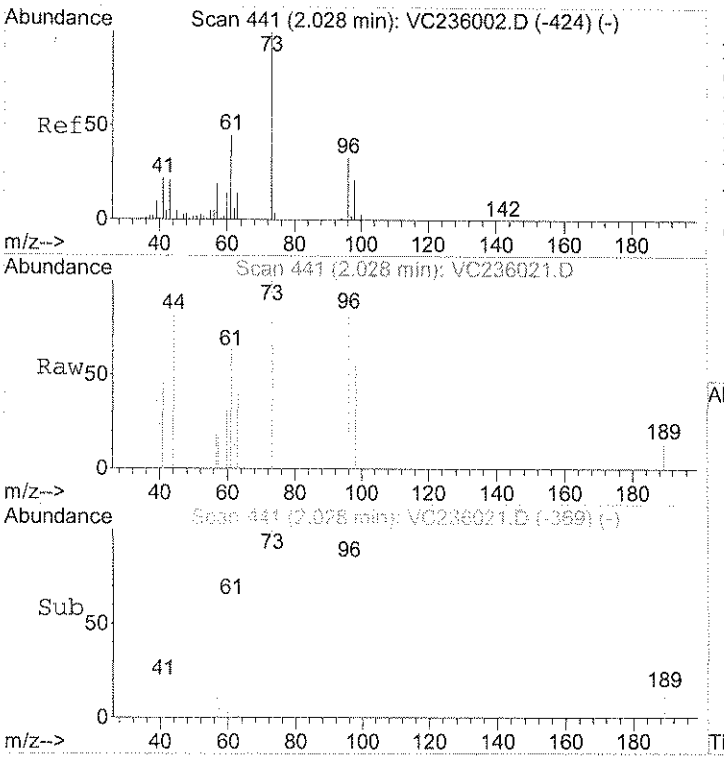


#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.70 min Scan# 322
Delta R.T. 0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 76 Resp: 1055

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

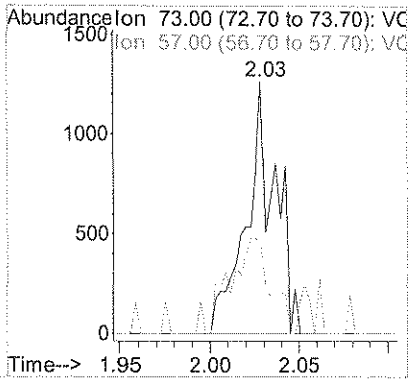


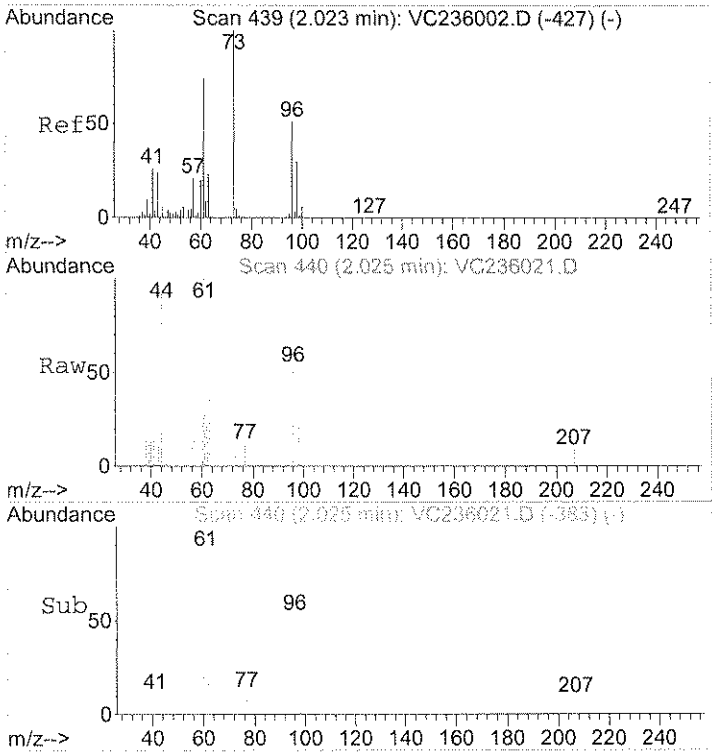


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.12 UG/L m
RT: 2.03 min Scan# 441
Delta R.T. 0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 73 Resp: 1440

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.8	23.8#

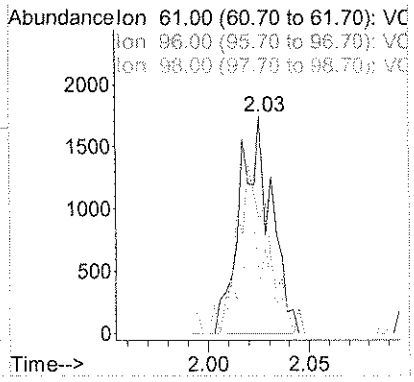


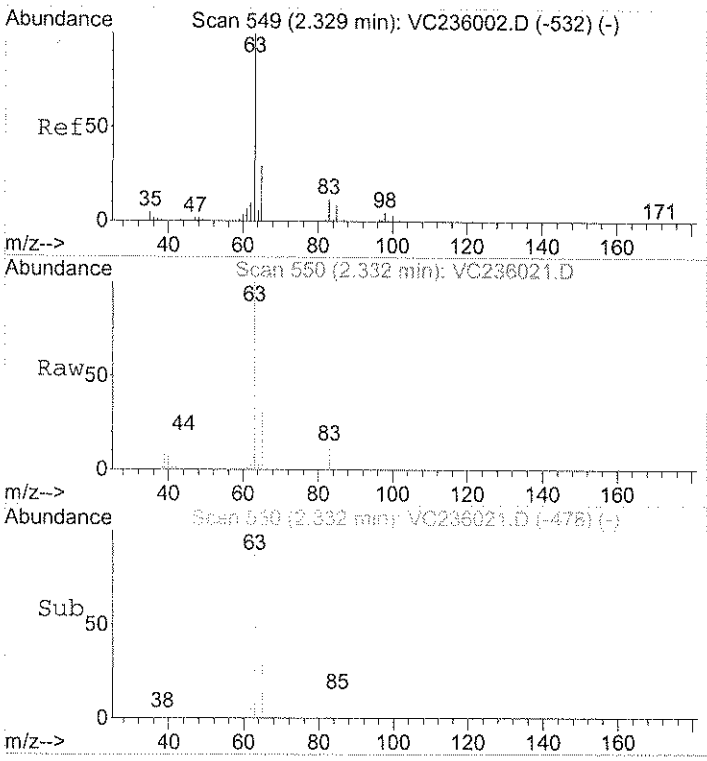


#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.33 UG/L m
RT: 2.03 min Scan# 440
Delta R.T. 0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 61 Resp: 1897

Ion	Ratio	Lower	Upper
61	100		
96	76.1	53.3	79.9
98	43.2	34.0	51.0

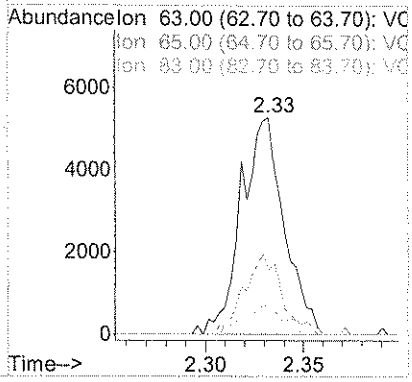


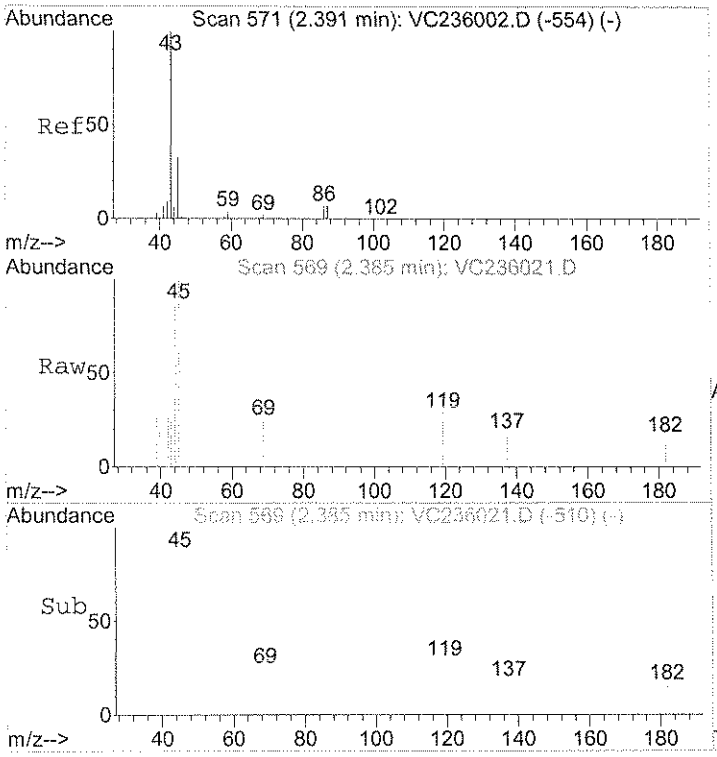


#27
1,1-DICHLOROETHANE
Concen: 1.05 UG/L
RT: 2.33 min Scan# 550
Delta R.T. 0.01 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 63 Resp: 8055

Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.2	37.8
83	12.7	11.3	16.9

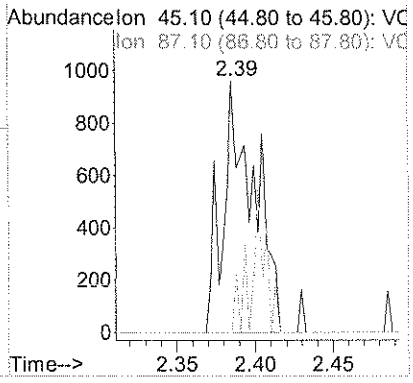


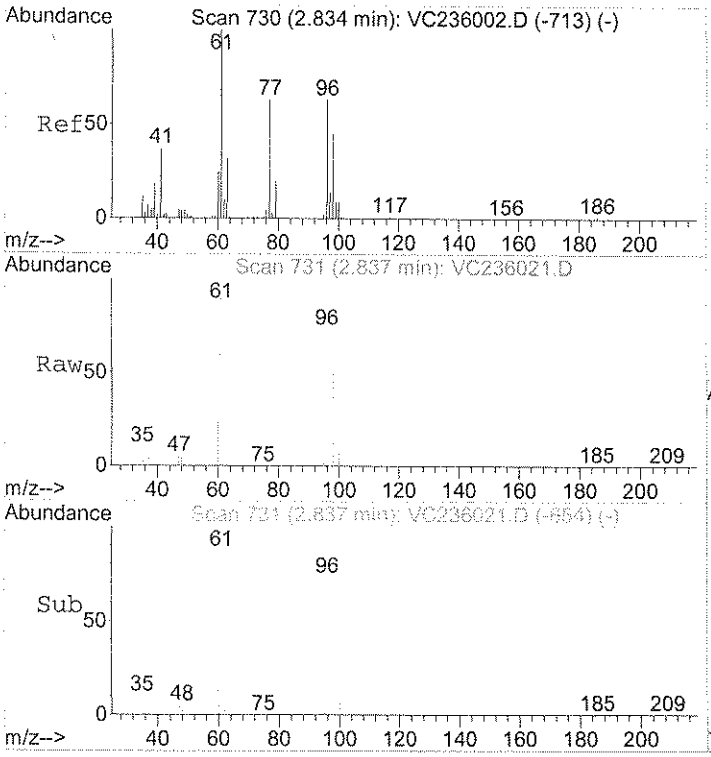


#29
DI ISOPROYL ETHER
Concen: 0.10 UG/L m
RT: 2.39 min Scan# 569
Delta R.T. -0.01 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 45 Resp: 1362

Ion	Ratio	Lower	Upper
45	100		
87	0.0	20.2	30.4#

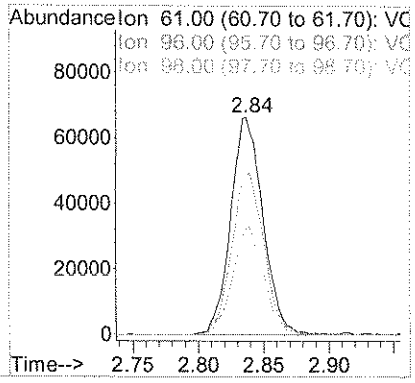


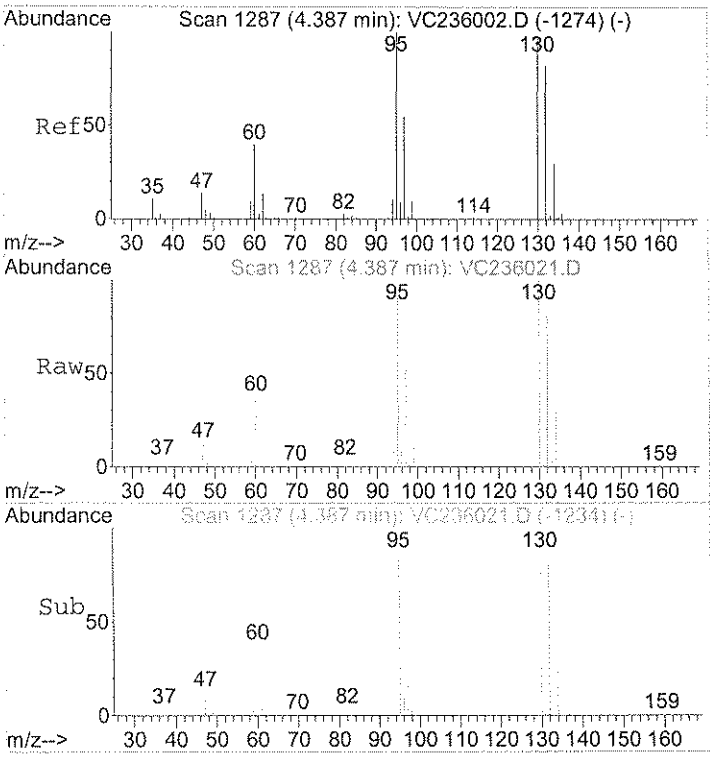


#33
CIS-1,2-DICHLOROETHENE
Concen: 16.12 UG/L
RT: 2.84 min Scan# 731
Delta R.T. 0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 61 Resp: 114755

Ion	Ratio	Lower	Upper
61	100		
96	74.0	53.0	79.6
98	47.6	33.9	50.9

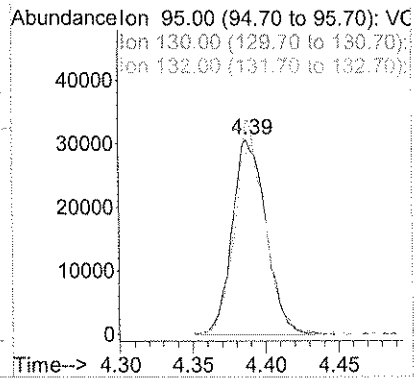


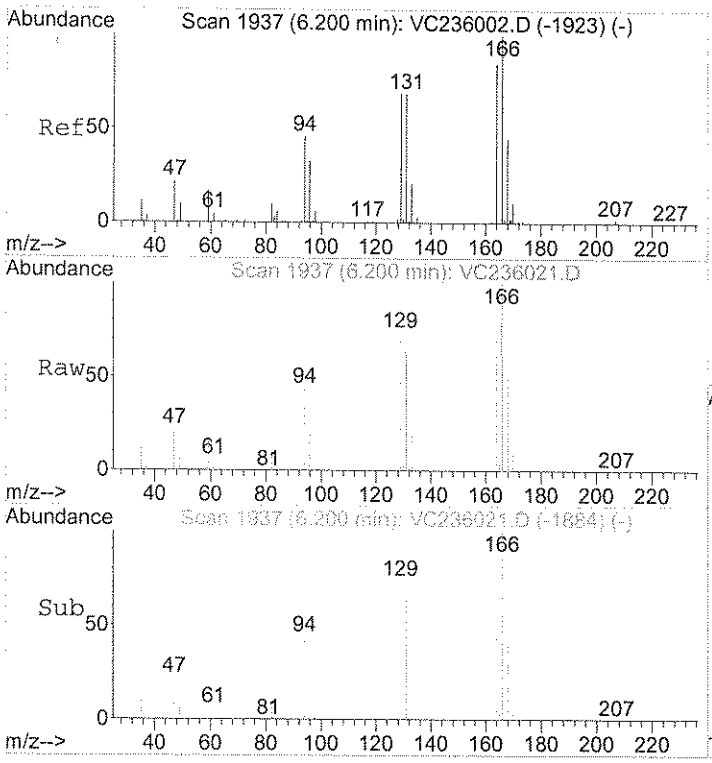


#51
TRICHLOROETHENE
Concen: 10.65 UG/L
RT: 4.39 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

Tgt Ion: 95 Resp: 49966

Ion	Ratio	Lower	Upper
95	100		
130	98.4	77.3	115.9
132	92.9	74.7	112.1

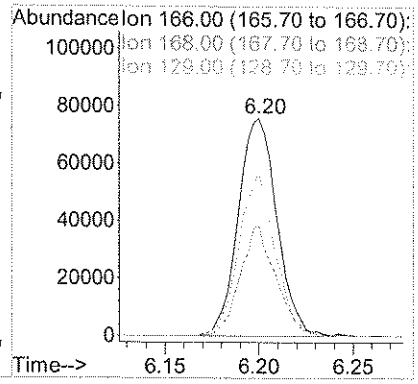




#66
TETRACHLOROETHENE
Concen: 21.68 UG/L
RT: 6.20 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VC236021.D
Acq: 24 Aug 2011 11:54 pm

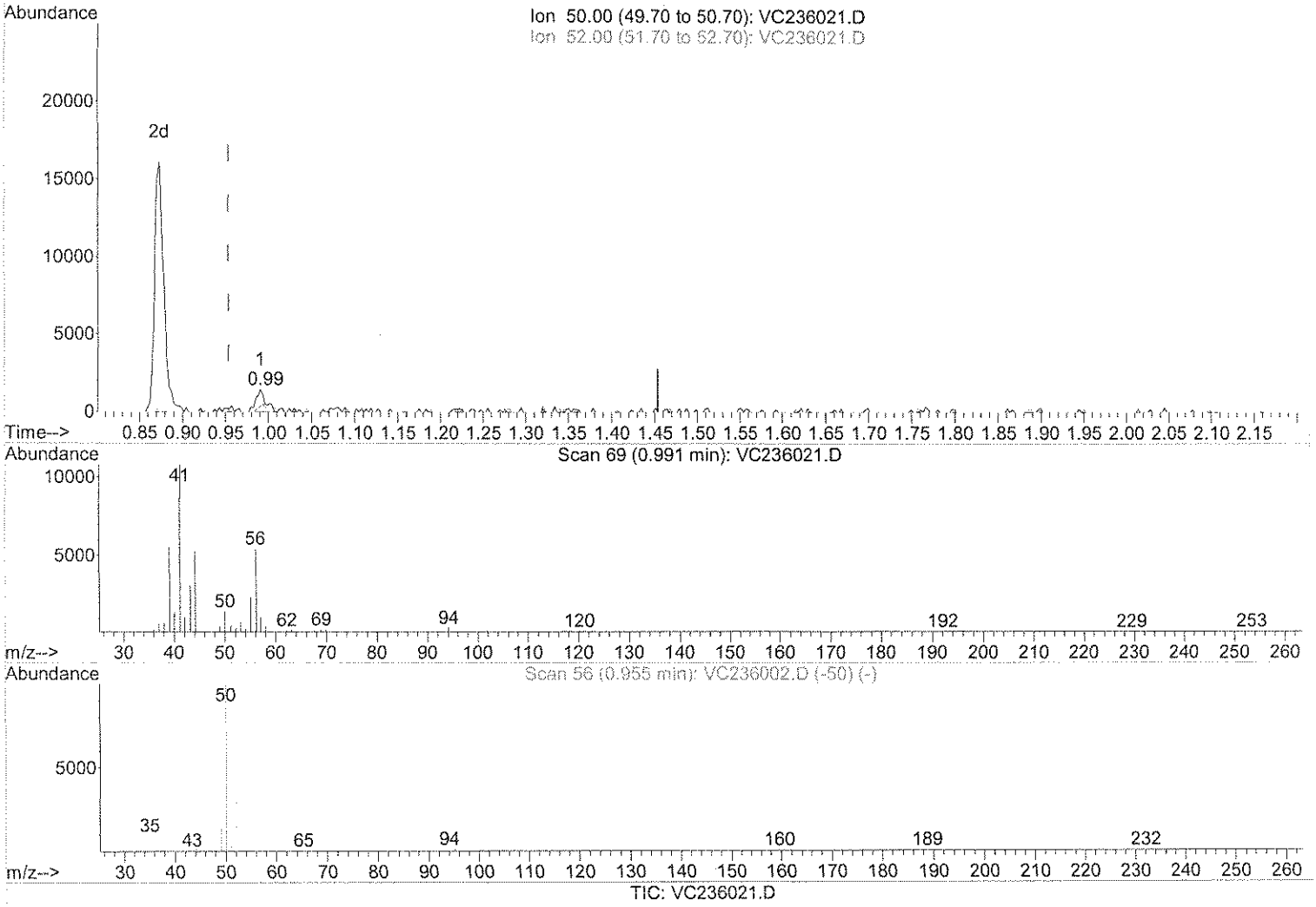
Tgt Ion:166 Resp: 108696

Ion	Ratio	Lower	Upper
166	100		
168	46.4	38.1	57.1
129	69.6	53.6	80.4



Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 07:35:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



(5) CHLOROMETHANE (P)

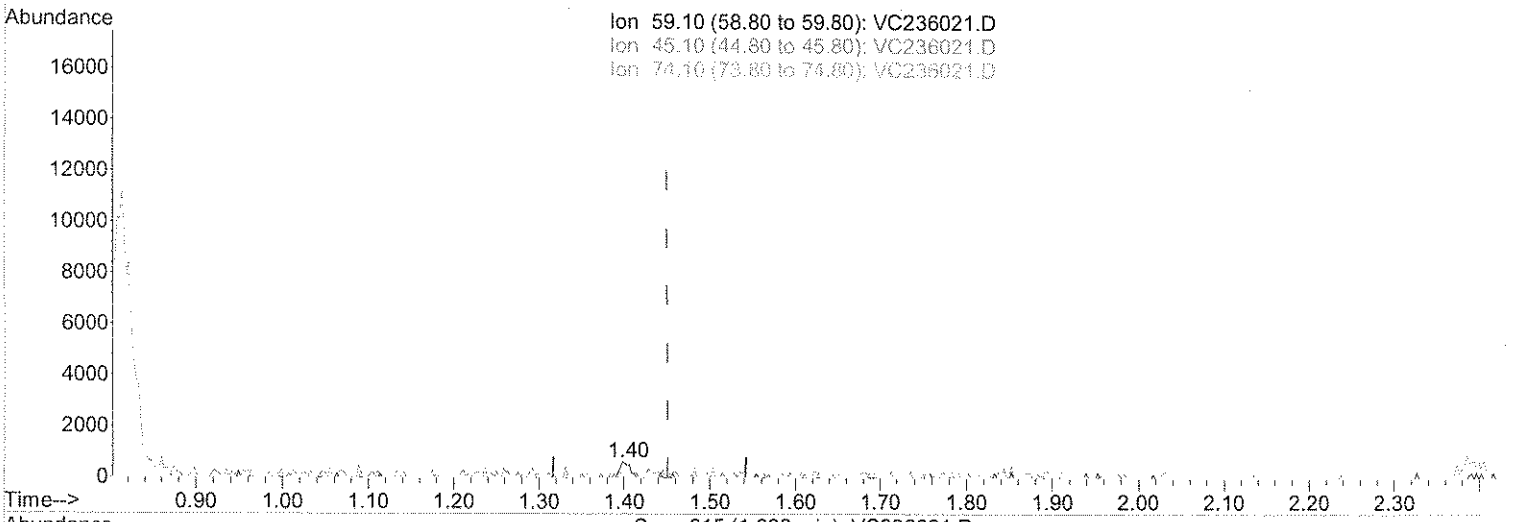
0.991min (+0.037) 0.26UG/L

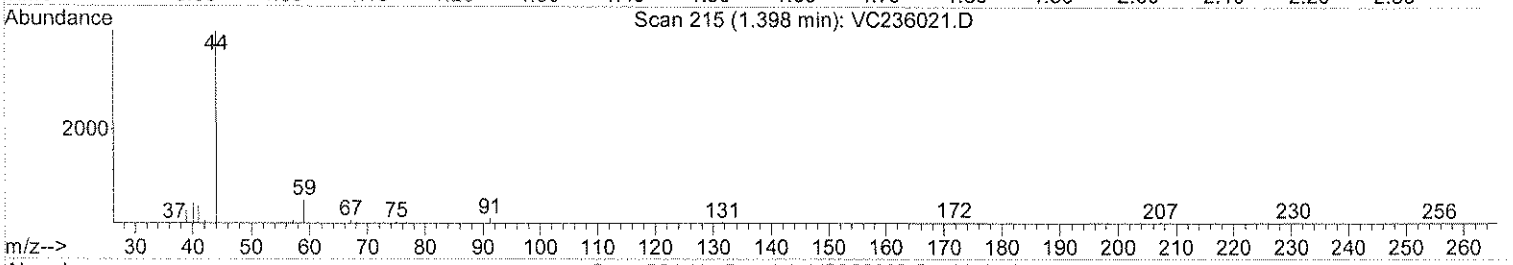
response 1180

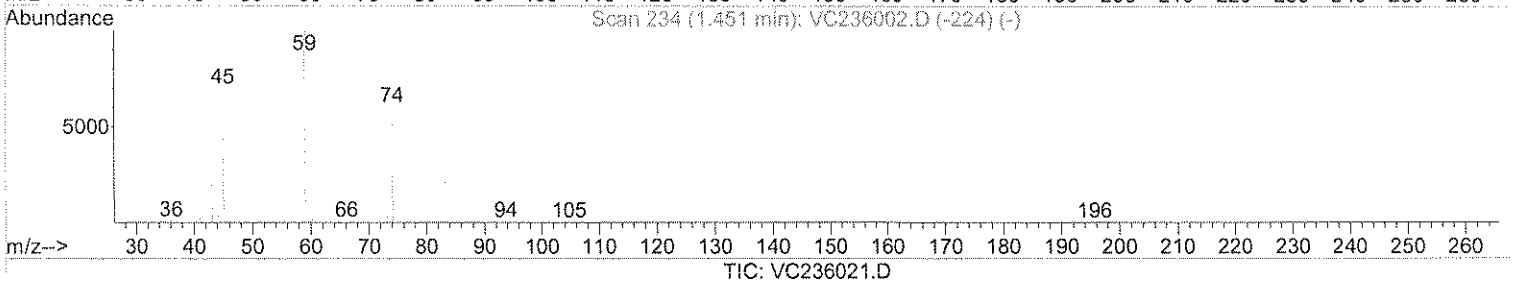
Ion	Exp%	Act%
50.00	100	100
52.00	32.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 07:35:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236021.D

(12) DI ETHYL ETHER

1.398min (-0.053) 0.21UG/L

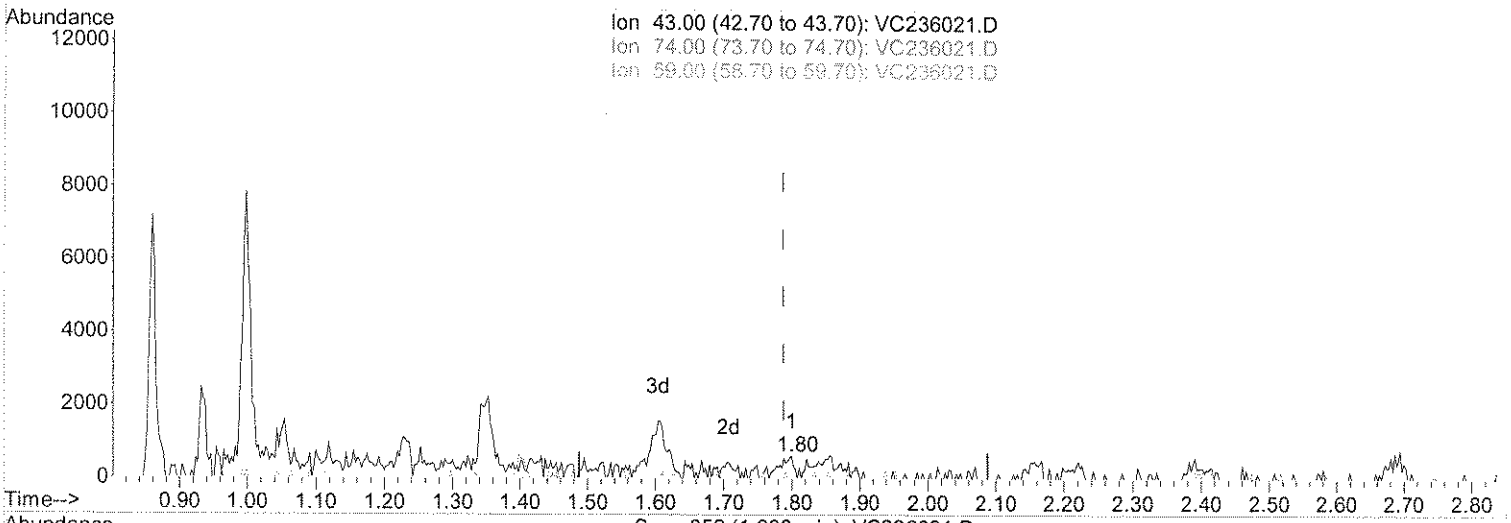
response 500

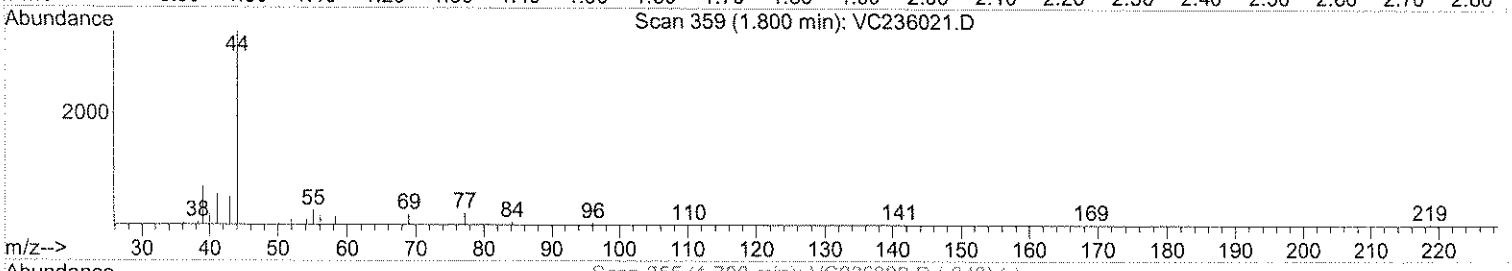
Ion	Exp%	Act%
59.10	100	100
45.10	78.90	0.00#
74.10	66.20	0.00#
0.00	0.00	0.00

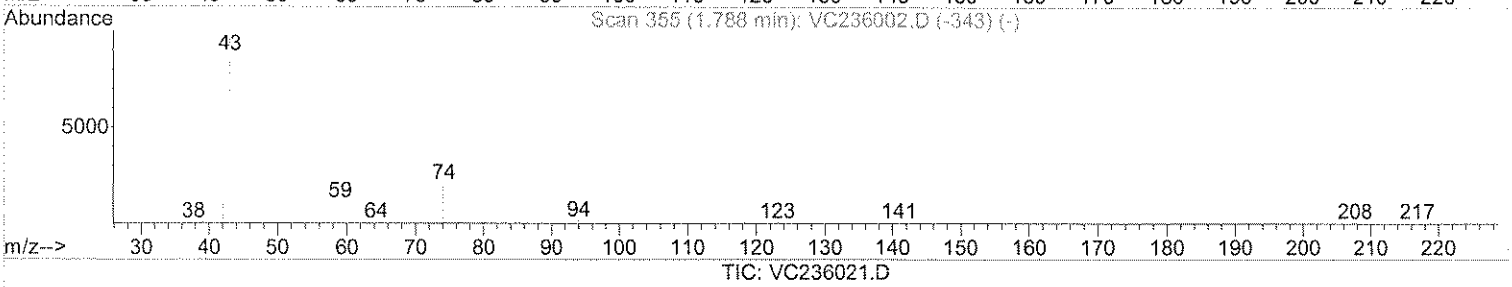
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 07:35:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236021.D

(20) METHYL ACETATE

1.800min (+0.011) 0.17UG/L

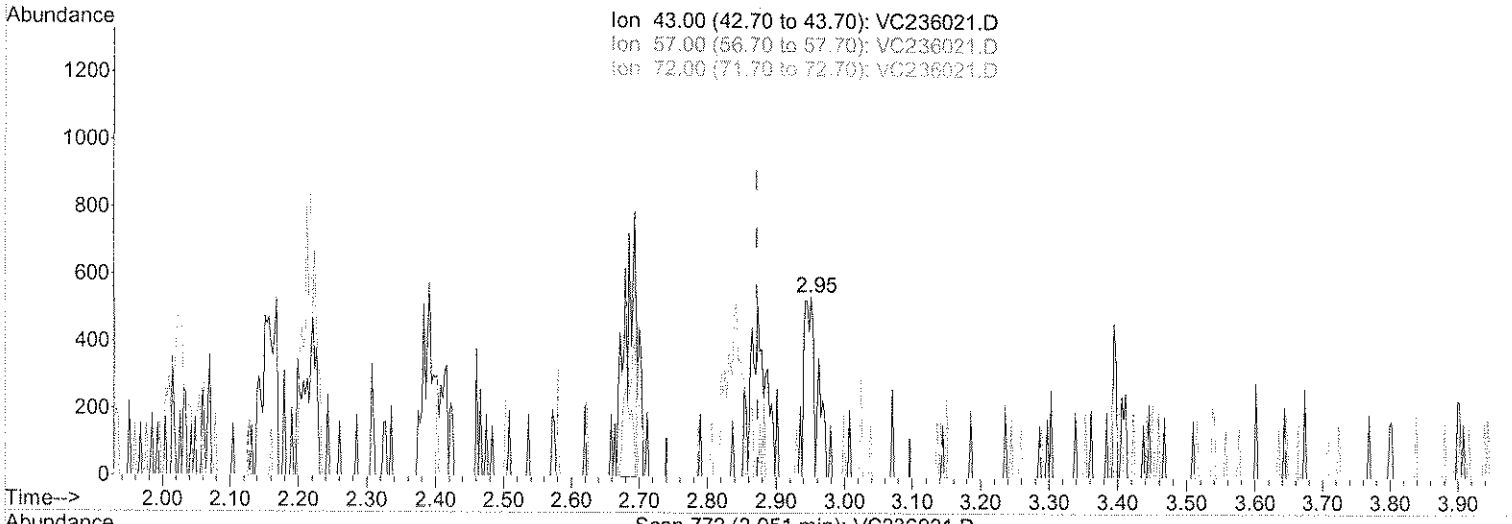
response 865

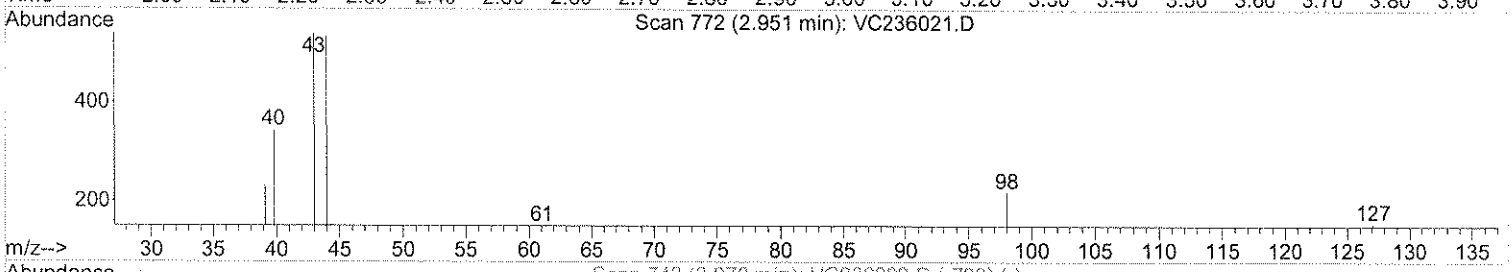
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

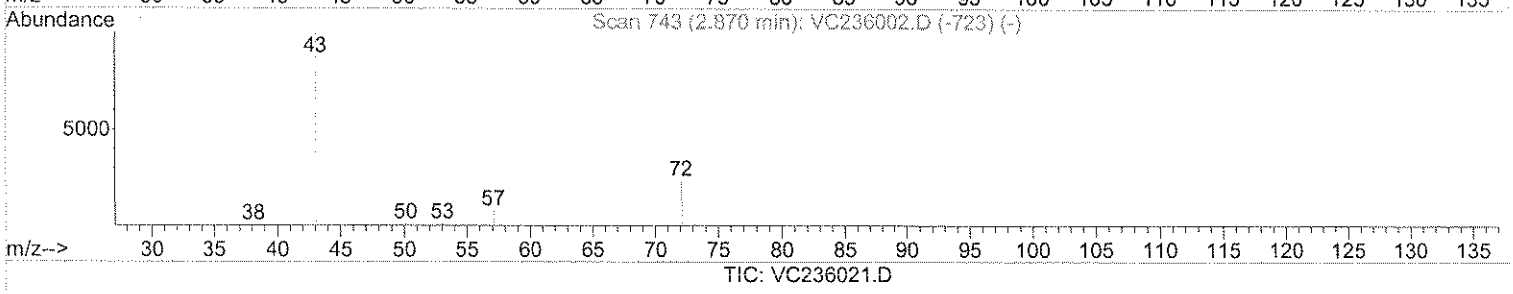
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 07:35:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236021.D

(31) 2-BUTANONE

2.951min (+0.078) 0.32UG/L

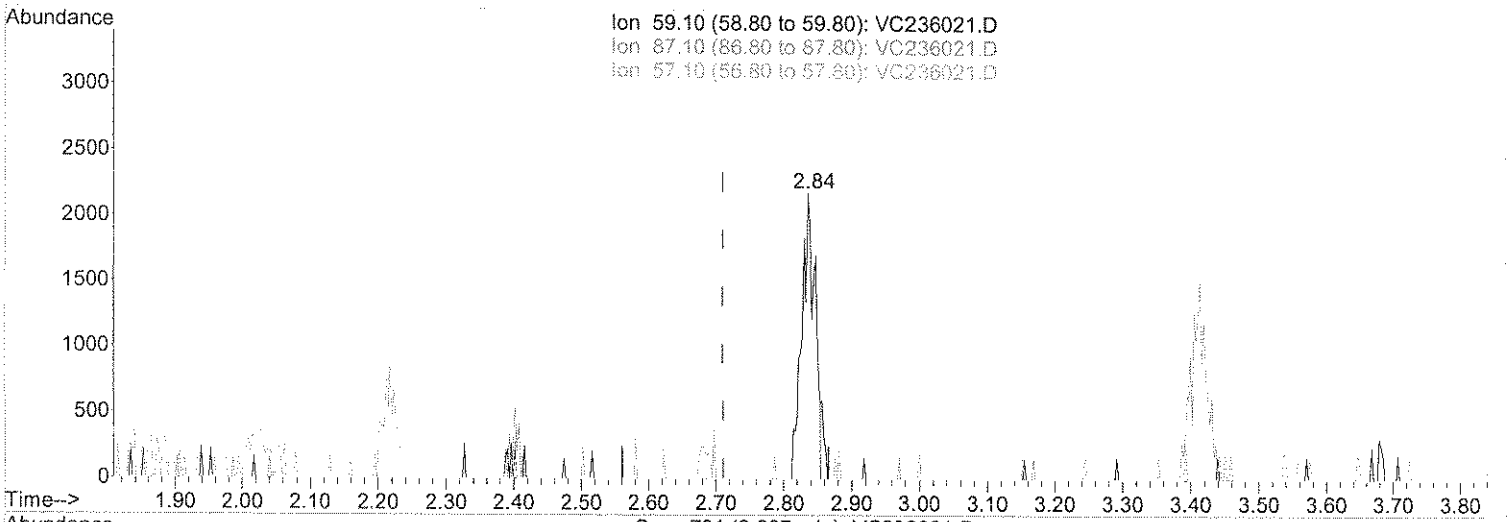
response 521

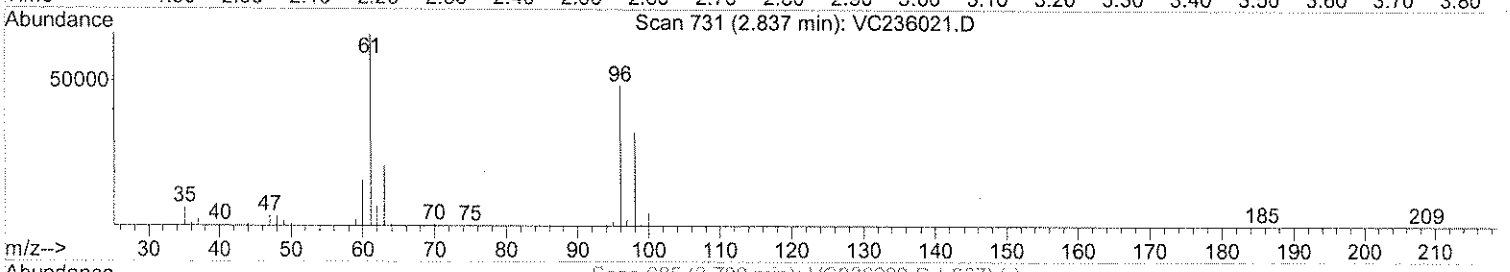
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00#
72.00	23.60	0.00#
0.00	0.00	0.00

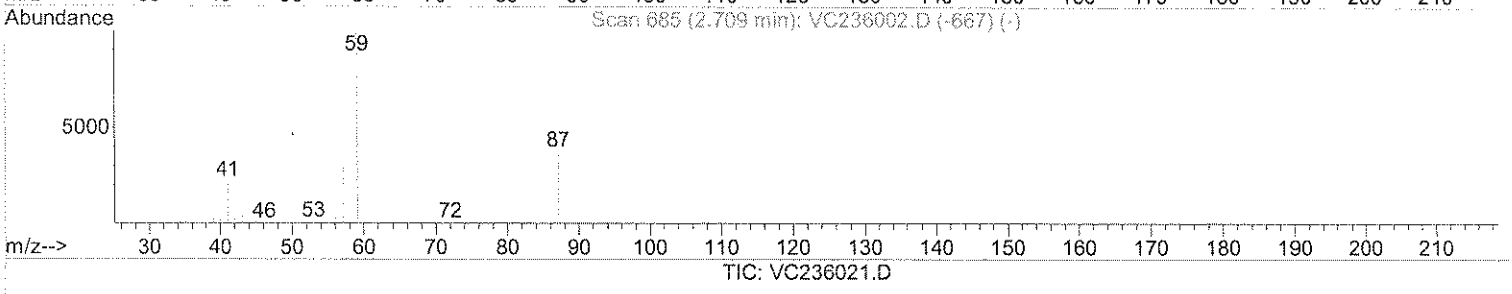
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 07:35:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236021.D

(32) T-BUTYL ETHYL ETHER

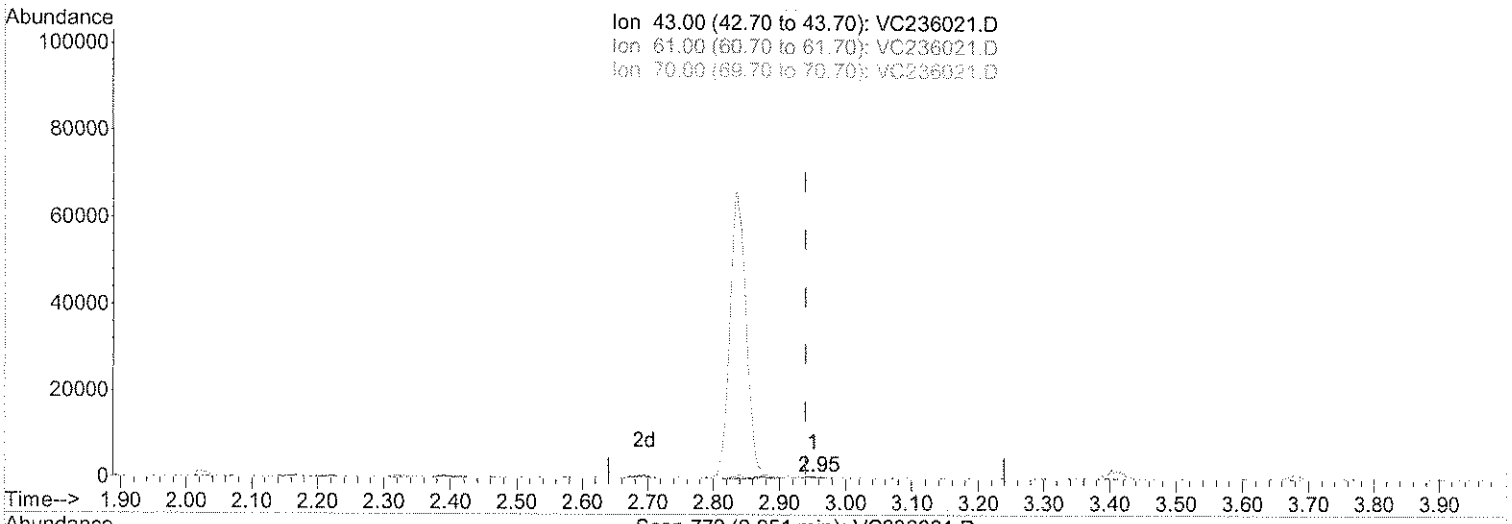
2.837min (+0.126) 0.21UG/L

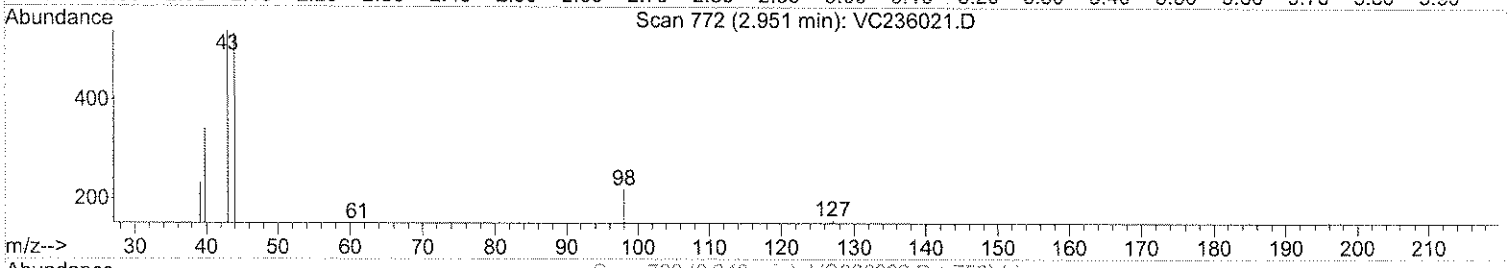
response 2935

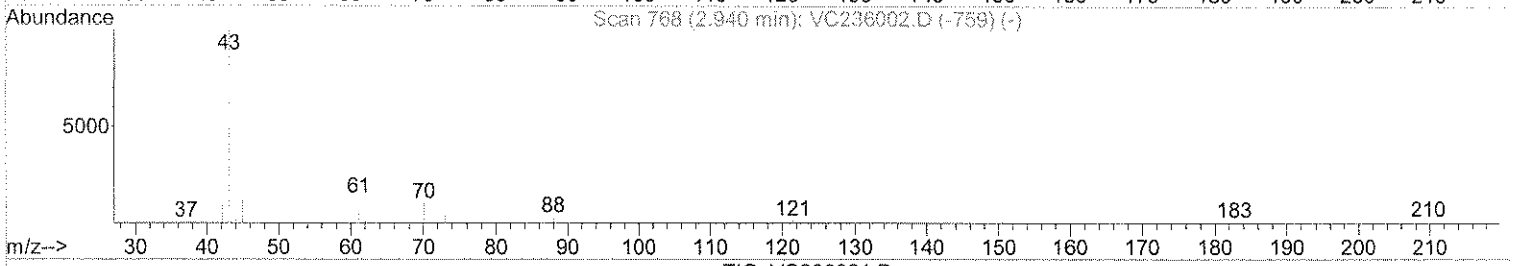
Ion	Exp%	Act%
59.10	100	100
87.10	39.00	0.00#
57.10	28.20	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 07:35:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236021.D

(35) ETHYL ACETATE

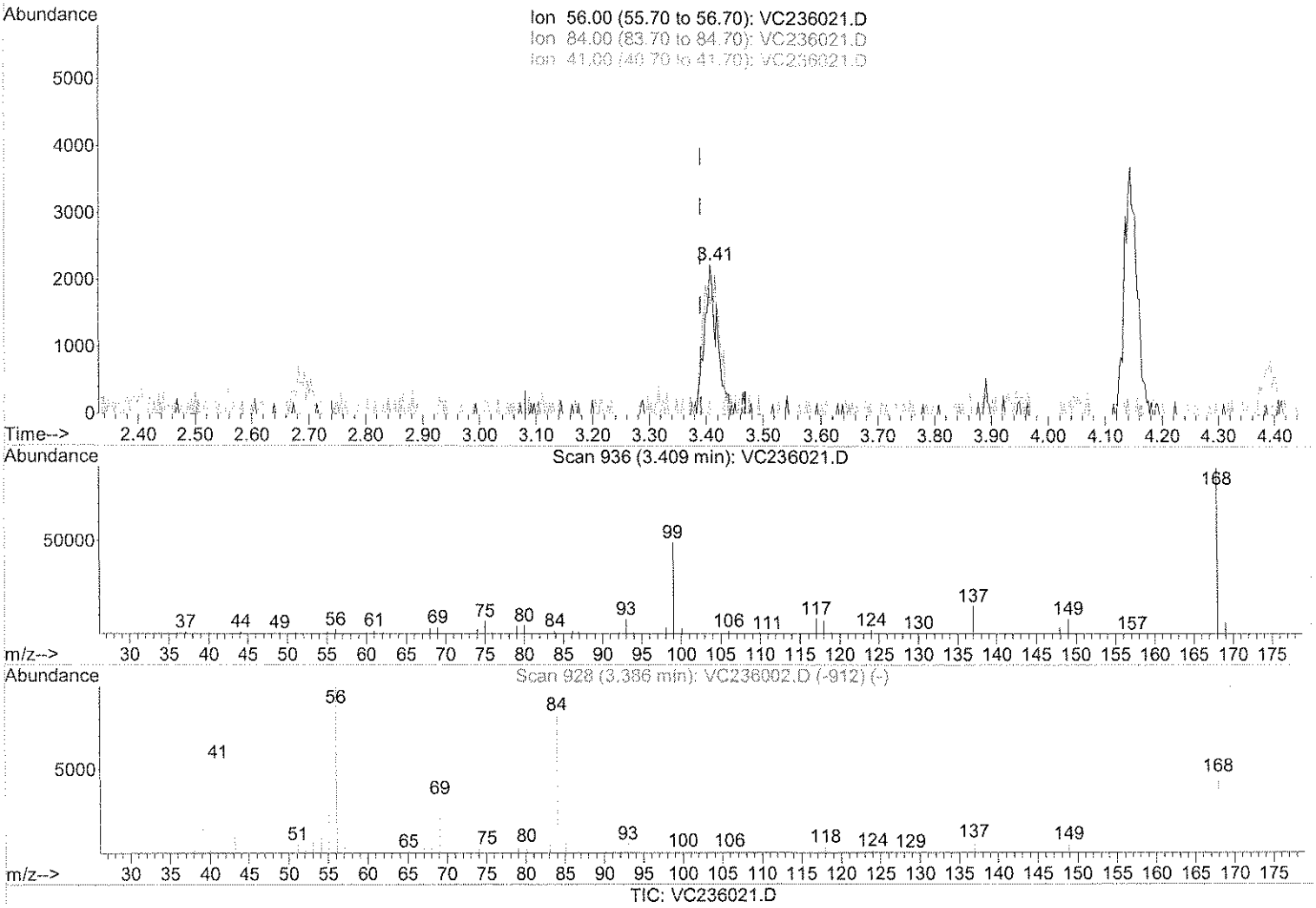
2.951min (+0.011) 0.12UG/L

response 521

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 07:35:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



(42) CYCLOHEXANE

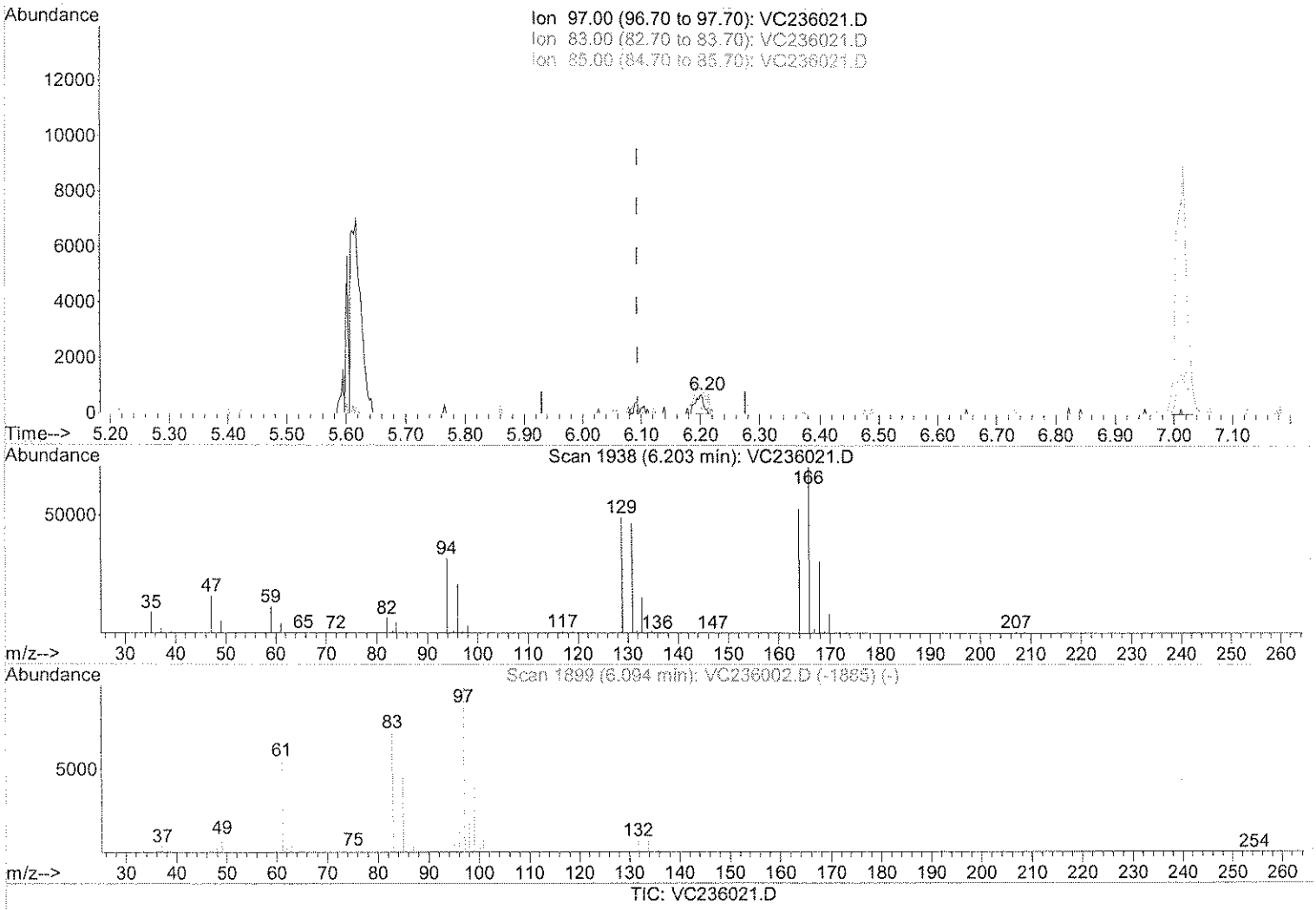
3.409min (+0.017) 0.57UG/L

response 3470

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	78.33
41.00	62.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 07:35:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236021.D

(64) 1,1,2-TRICHLOROETHANE

6.203min (+0.109) 0.18UG/L

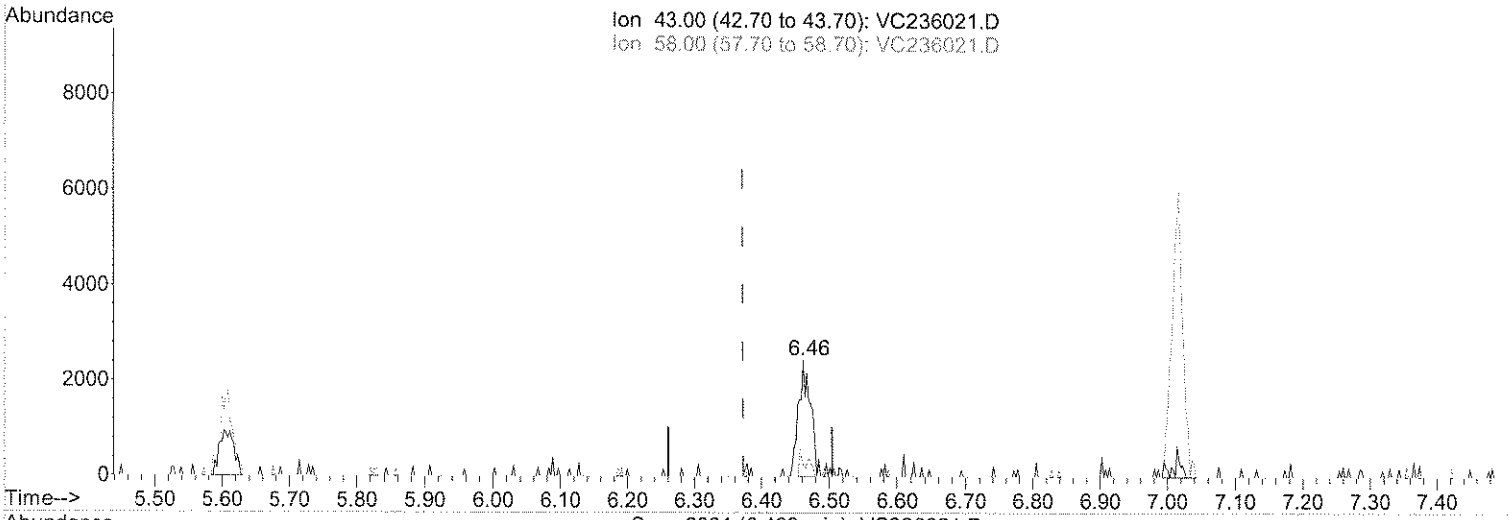
response 708

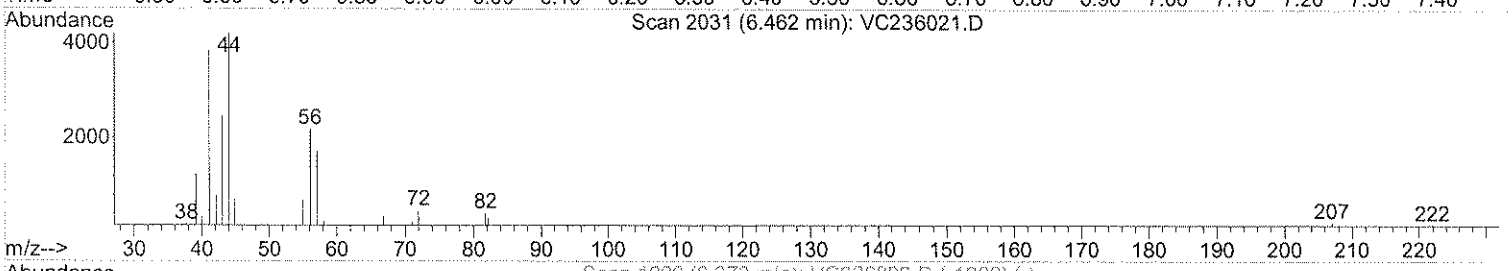
Ion	Exp%	Act%
97.00	100	100
83.00	85.10	220.90#
85.00	53.70	0.00#
0.00	0.00	0.00

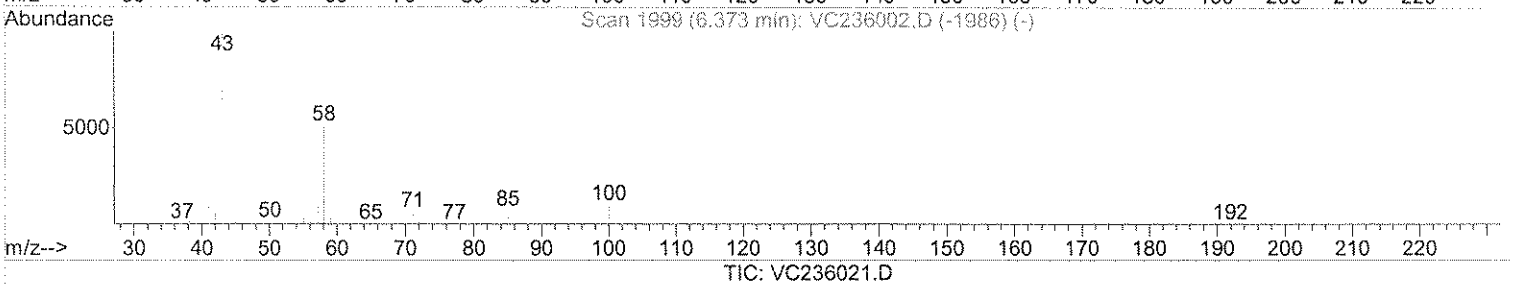
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236021.D
Acq On : 24 Aug 2011 11:54 pm
Operator :
Sample : 11H0909-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 25 07:35:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236021.D

(65) 2-HEXANONE

6.462min (+0.089) 1.23UG/L

response 3060

Ion	Exp%	Act%
43.00	100	100
58.00	51.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-03	File ID:	VC236013.D
Sampled:	08/19/11 09:55	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 19:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-03	File ID:	VC236013.D
Sampled:	08/19/11 09:55	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 19:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.8	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-03	File ID:	VC236013.D
Sampled:	08/19/11 09:55	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 19:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	80	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	8.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-03	File ID:	VC236013.D
Sampled:	08/19/11 09:55	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 19:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

Quant Time: Aug 25 10:45:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

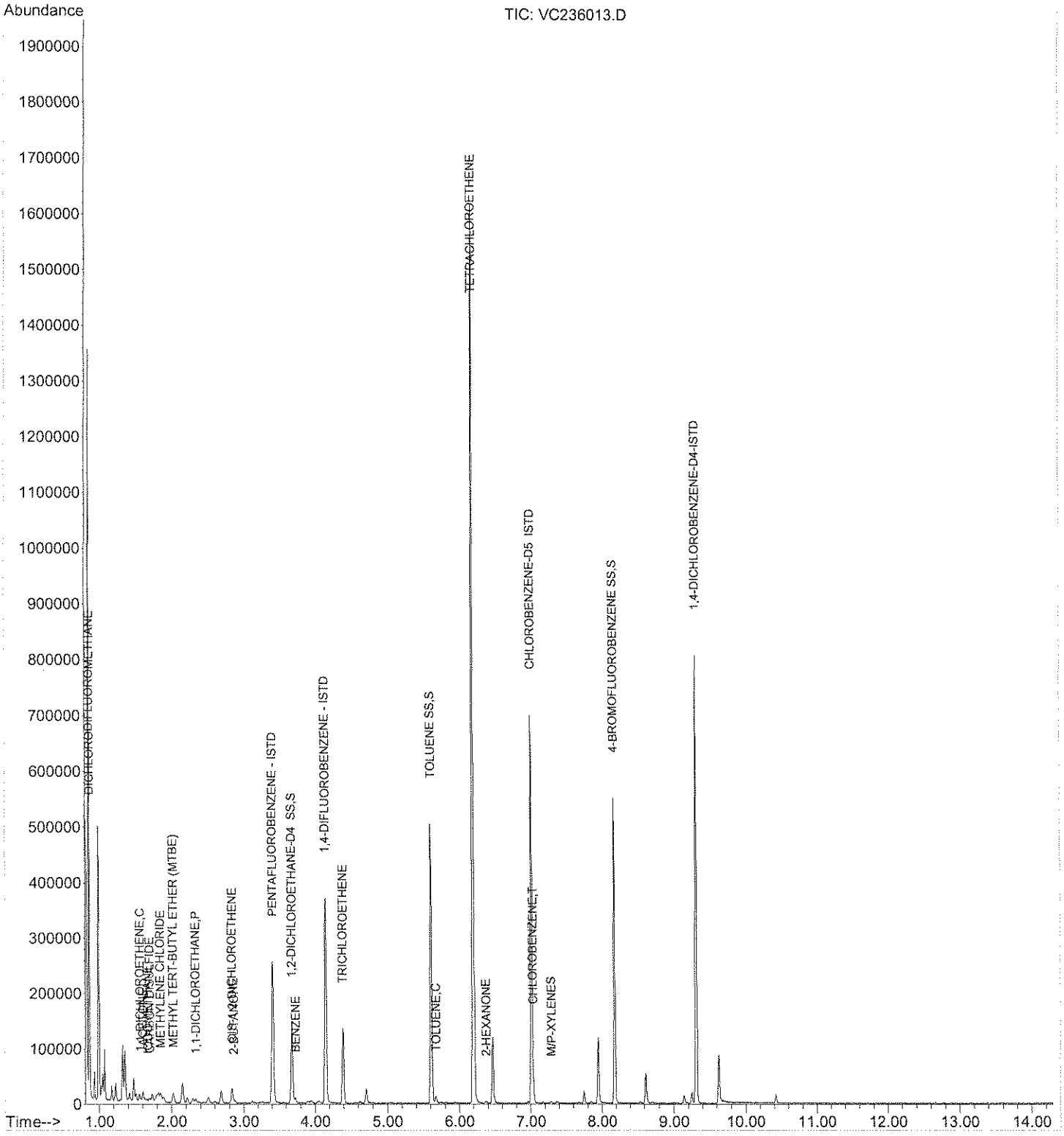
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	173609	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	271199	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.02	82	175761	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	179125	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	95734	26.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.24%				
49) TOLUENE SS	5.61	98	277538	25.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.48%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	140583	24.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	1444	0.25	UG/L	#	42
14) ACETONE	1.60	43	10031	10.75	UG/L		91
15) 1,1-DICHLOROETHENE	1.57	61	644	0.12	UG/L	#	61
17) IODOMETHANE	1.67	142	549	0.11	UG/L	#	35
23) METHYLENE CHLORIDE	1.85	49	3519	0.70	UG/L		97
24) CARBON DISULFIDE	1.69	76	1208	0.13	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.02	73	9411	0.76	UG/L	#	27
27) 1,1-DICHLOROETHANE	2.33	63	1370m	0.18	UG/L		
31) 2-BUTANONE	2.87	43	6691m	4.08	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.84	61	12894	1.80	UG/L	#	87
45) BENZENE	3.72	78	6175	0.38	UG/L	#	1
51) TRICHLOROETHENE	4.39	95	40003	8.52	UG/L		97
61) TOLUENE	5.67	91	6470	0.36	UG/L		98
65) 2-HEXANONE	6.38	43	1912	0.77	UG/L	#	82
66) TETRACHLOROETHENE	6.20	166	399816	79.74	UG/L		97
72) CHLOROBENZENE	7.04	112	11503	0.94	UG/L		95
75) M/P-XYLENES	7.29	91	1692m	0.10	UG/L		

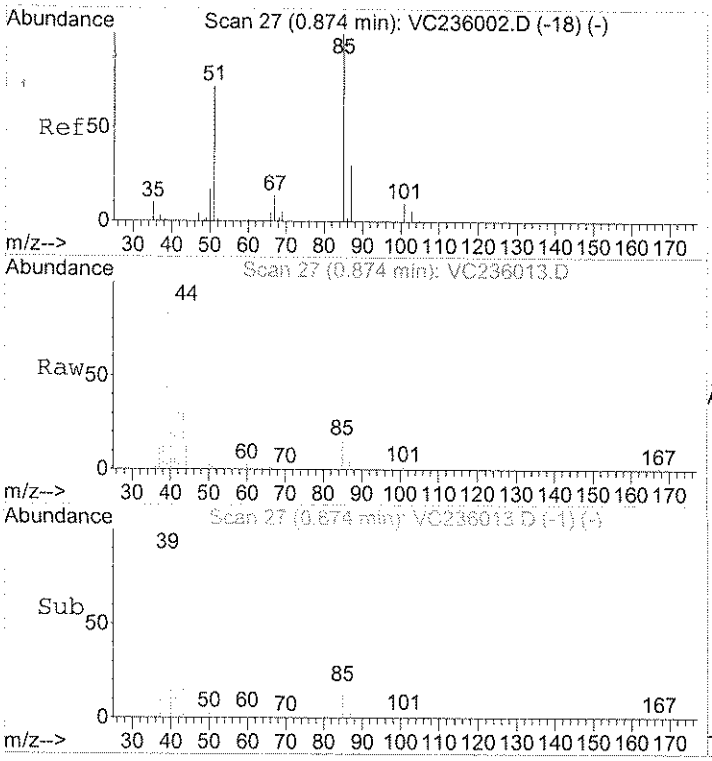
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 10:45:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

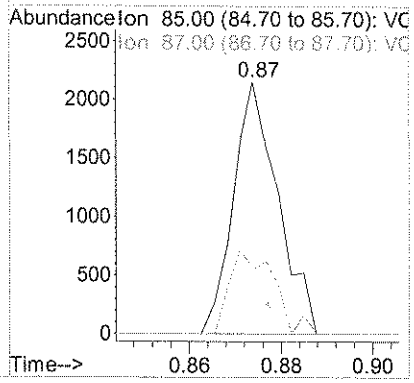


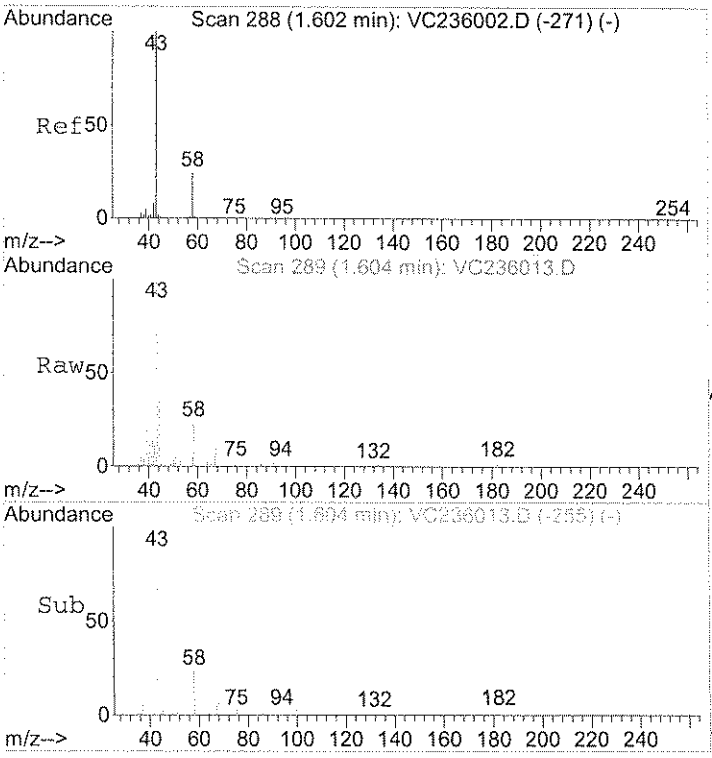


#3
DICHLORODIFLUOROMETHANE
Concen: 0.25 UG/L
RT: 0.87 min Scan# 27
Delta R.T. 0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 85 Resp: 1444

Ion	Ratio	Lower	Upper
85	100		
87	0.0	26.2	39.4#

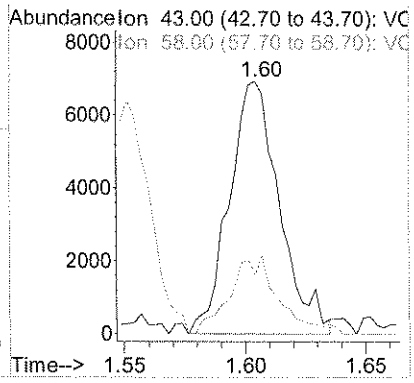


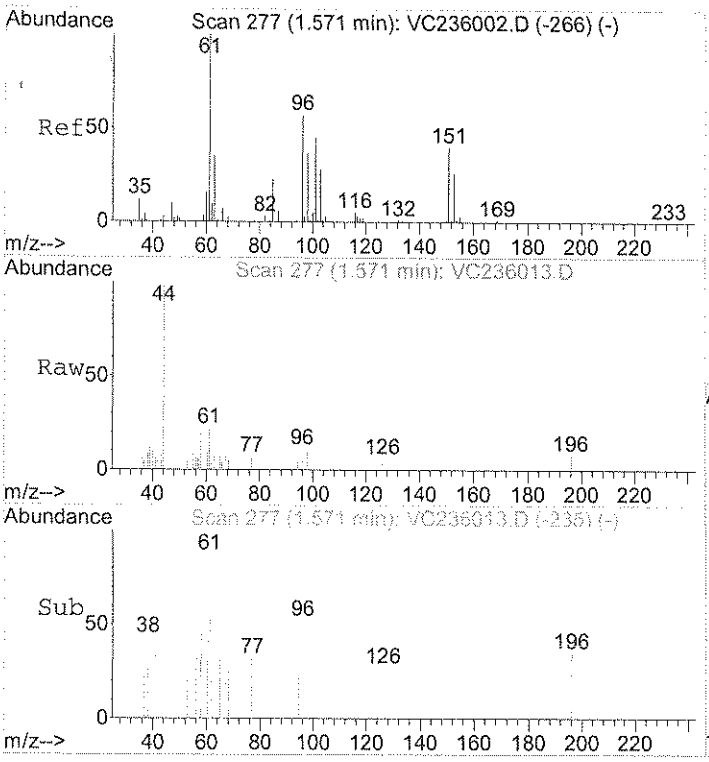


#14
ACETONE
Concen: 10.75 UG/L
RT: 1.60 min Scan# 289
Delta R.T. 0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 43 Resp: 10031

Ion	Ratio	Lower	Upper
43	100		
58	29.9	20.2	30.2

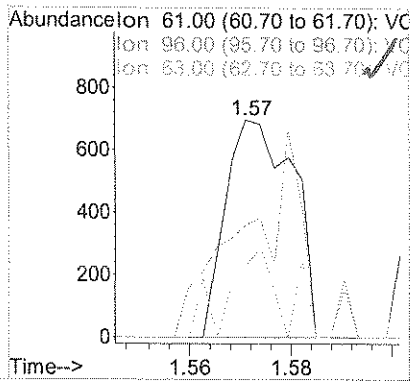


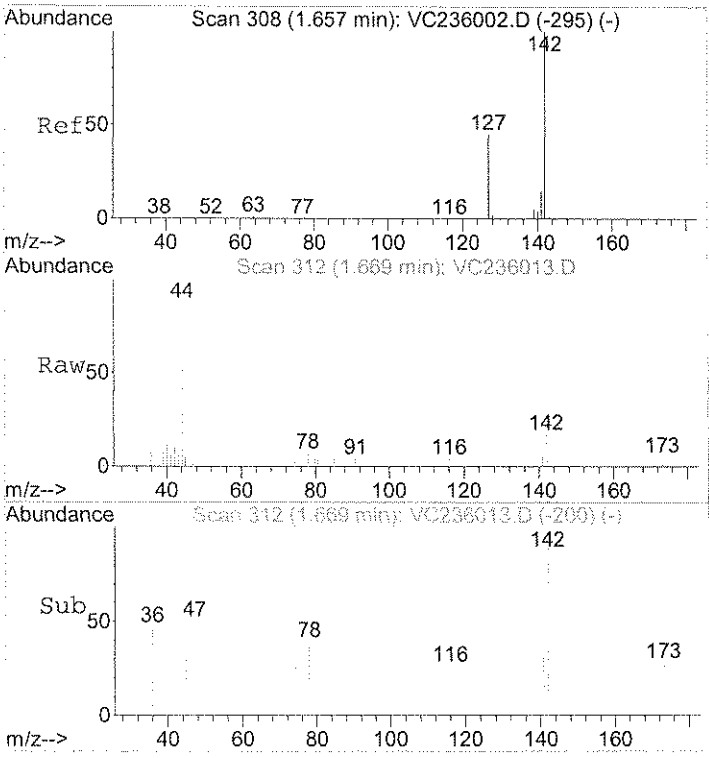


#15
1,1-DICHLOROETHENE
Concen: 0.12 UG/L
RT: 1.57 min Scan# 277
Delta R.T. -0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 61 Resp: 644

Ion	Ratio	Lower	Upper
61	100		
96	78.7	45.8	68.8#
63	0.0	25.5	38.3#

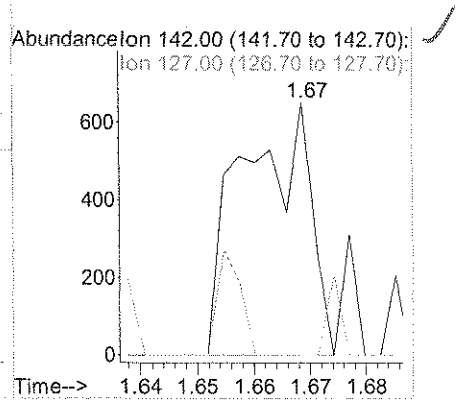


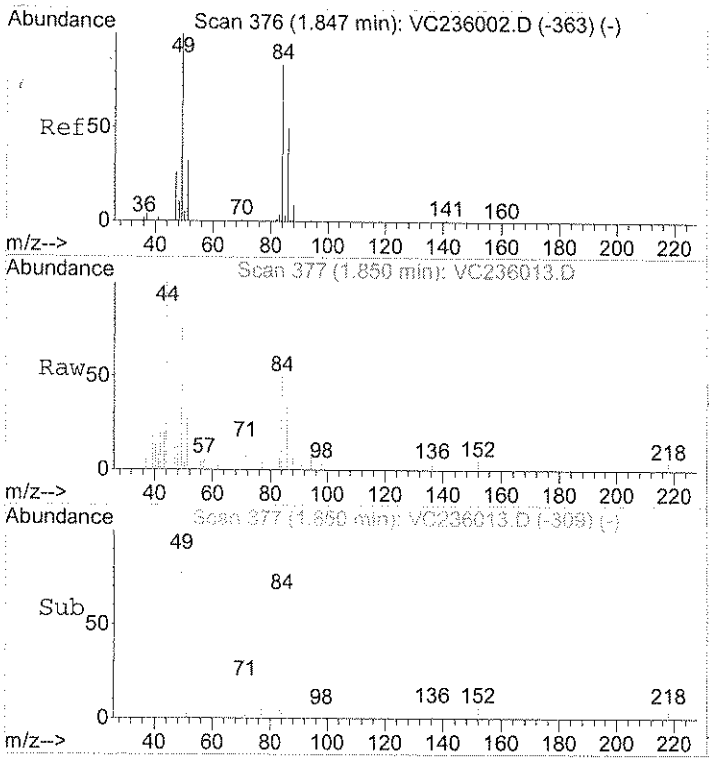


#17
IODOMETHANE
Concen: 0.11 UG/L
RT: 1.67 min Scan# 312
Delta R.T. 0.01 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion:142 Resp: 549

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.2	48.2#

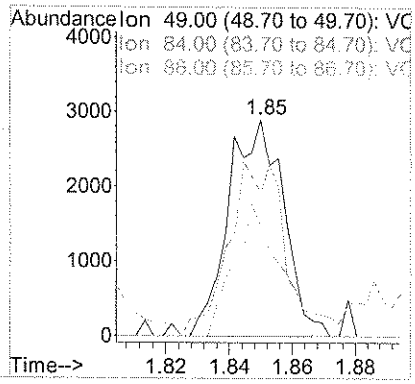


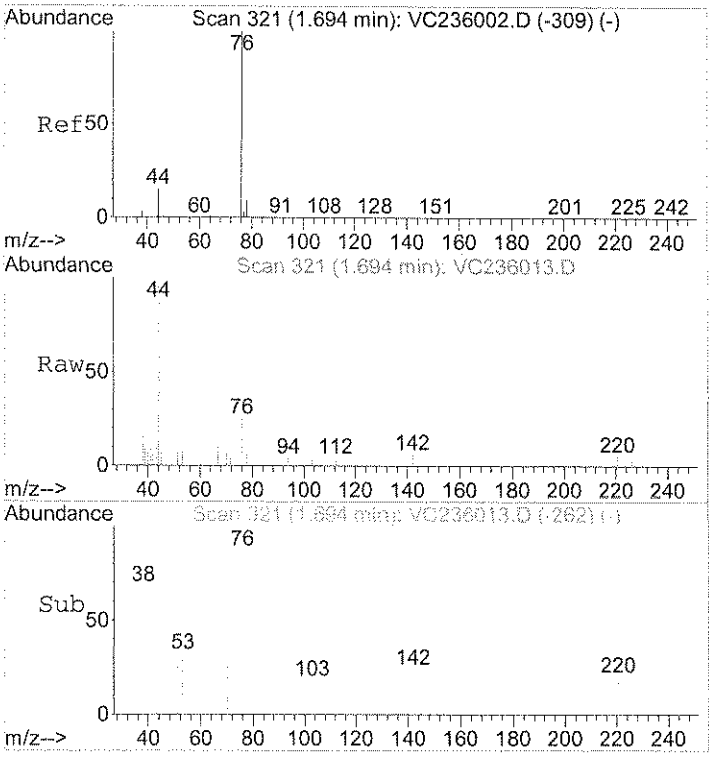


#23
METHYLENE CHLORIDE
Concen: 0.70 UG/L
RT: 1.85 min Scan# 377
Delta R.T. 0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 49 Resp: 3519

Ion	Ratio	Lower	Upper
49	100		
84	83.2	63.0	94.6
86	49.2	39.1	58.7

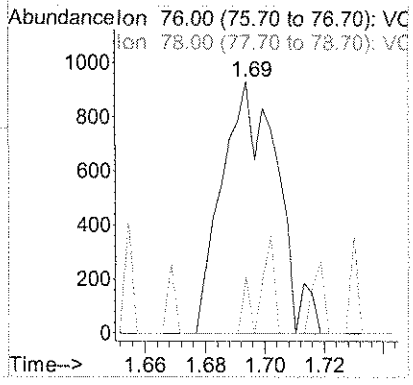


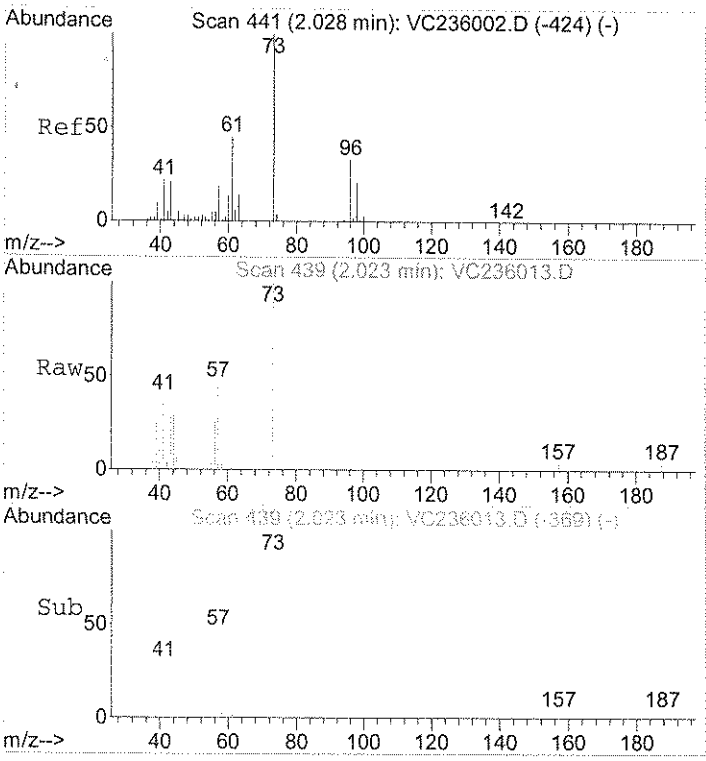


#24
CARBON DISULFIDE
Concen: 0.13 UG/L
RT: 1.69 min Scan# 321
Delta R.T. 0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 76 Resp: 1208

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

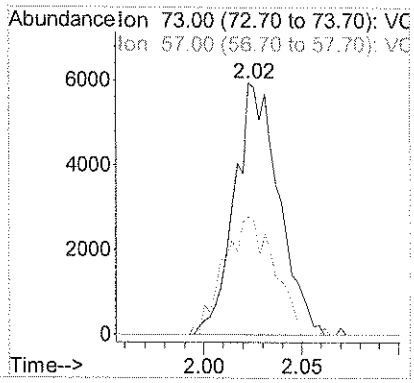


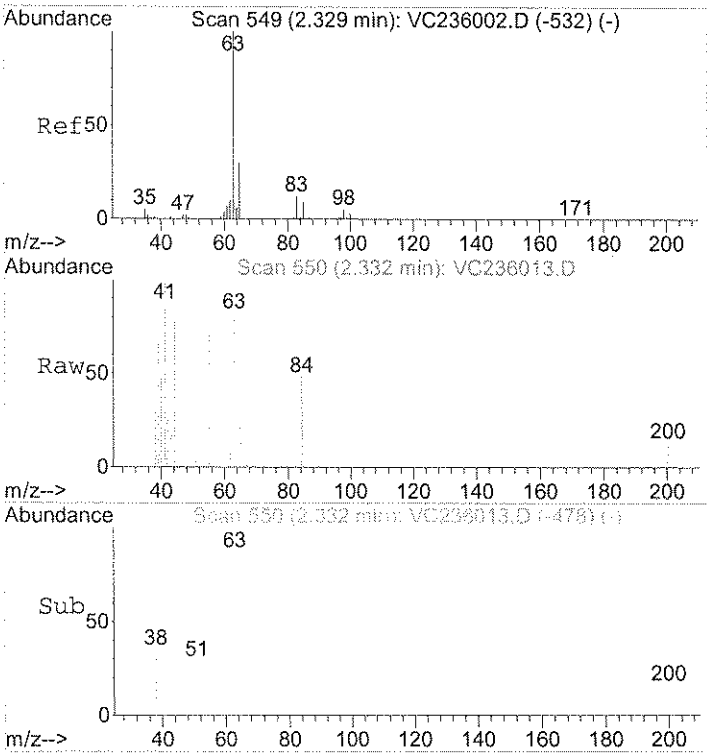


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.76 UG/L
RT: 2.02 min Scan# 439
Delta R.T. -0.01 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 73 Resp: 9411

Ion	Ratio	Lower	Upper
73	100		
57	53.1	15.8	23.8#

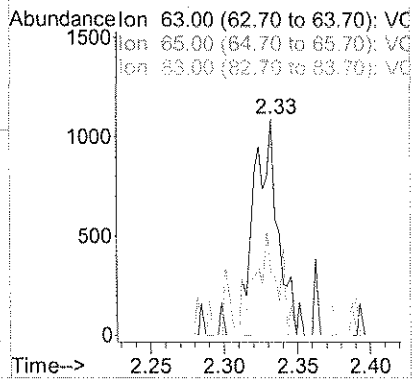


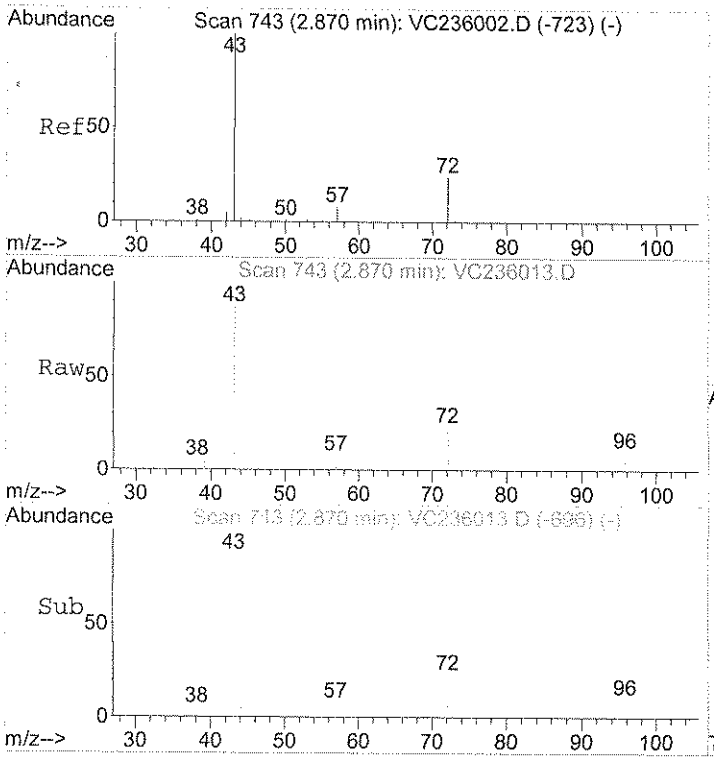


#27
1,1-DICHLOROETHANE
Concen: 0.18 UG/L m
RT: 2.33 min Scan# 550
Delta R.T. 0.01 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 63 Resp: 1370

Ion	Ratio	Lower	Upper
63	100		
65	43.6	25.2	37.8#
83	0.0	11.3	16.9#

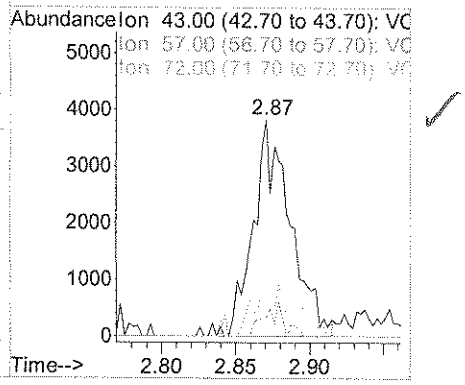


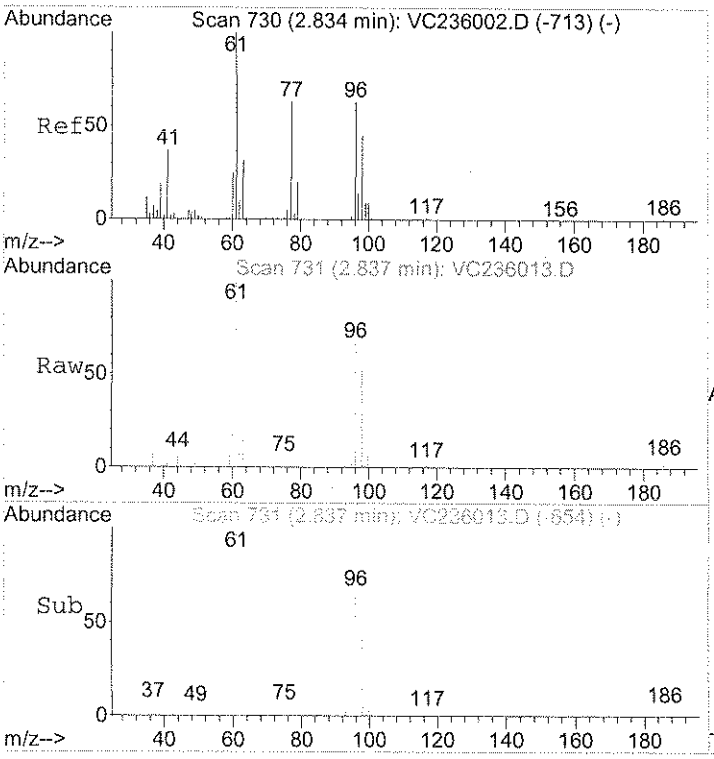


#31
2-BUTANONE
Concen: 4.08 UG/L m
RT: 2.87 min Scan# 743
Delta R.T. -0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 43 Resp: 6691

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	18.6	18.9	28.3#

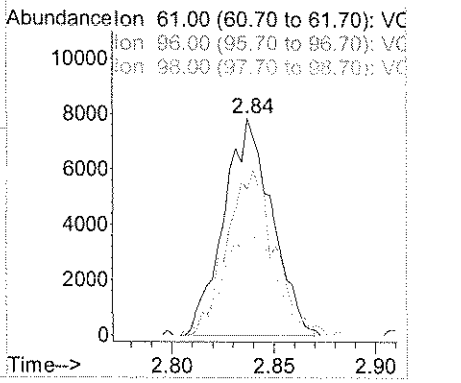


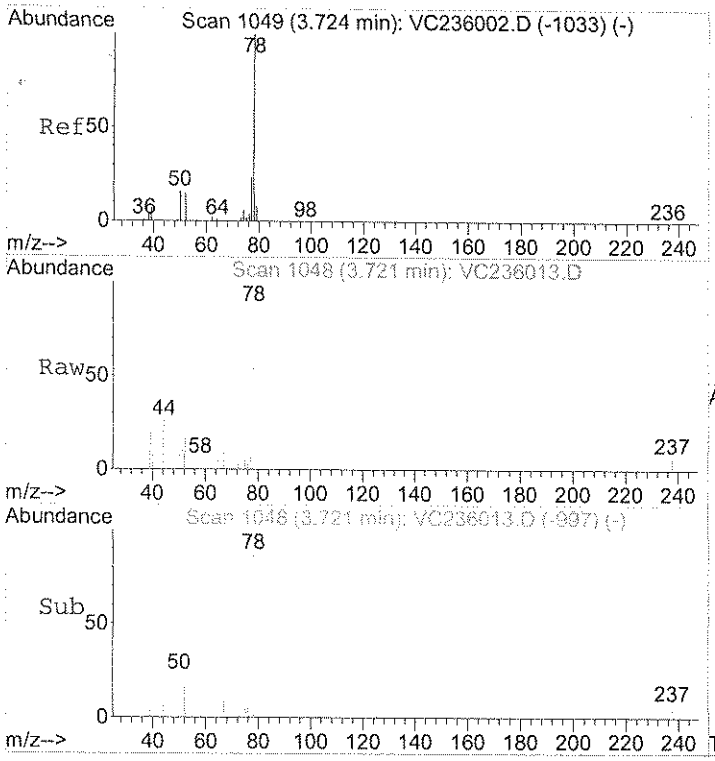


#33
CIS-1,2-DICHLOROETHENE
Concen: 1.80 UG/L
RT: 2.84 min Scan# 731
Delta R.T. 0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 61 Resp: 12894

Ion	Ratio	Lower	Upper
61	100		
96	75.4	53.0	79.6
98	51.9	33.9	50.9#

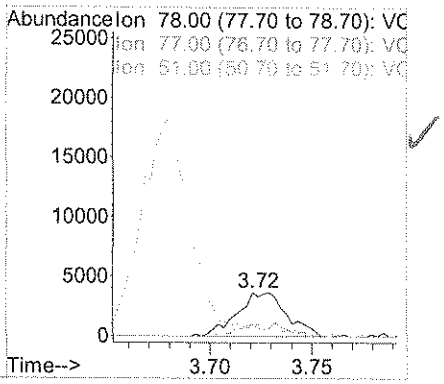


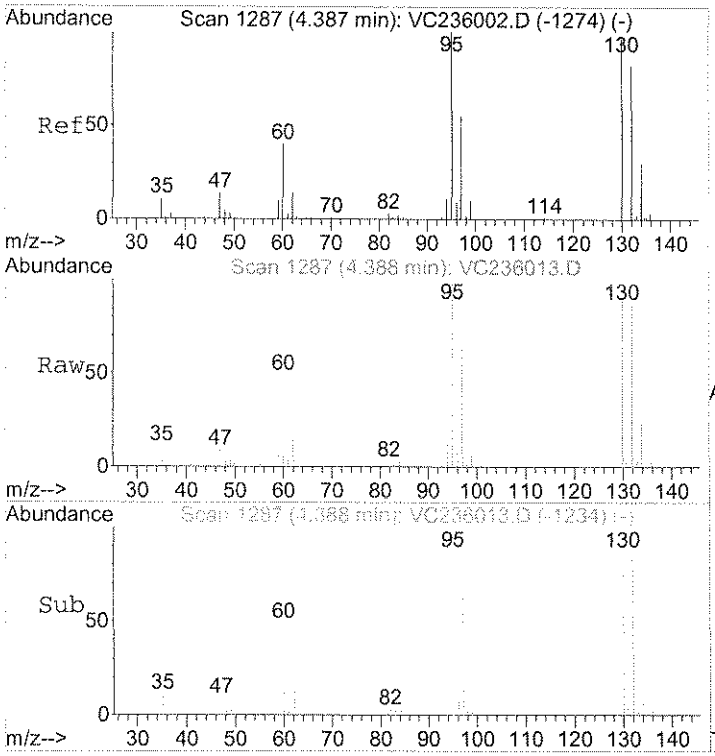


#45
BENZENE
Concen: 0.38 UG/L
RT: 3.72 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 78 Resp: 6175

Ion	Ratio	Lower	Upper
78	100		
77	13.8	18.6	28.0#
51	493.4	17.1	25.7#

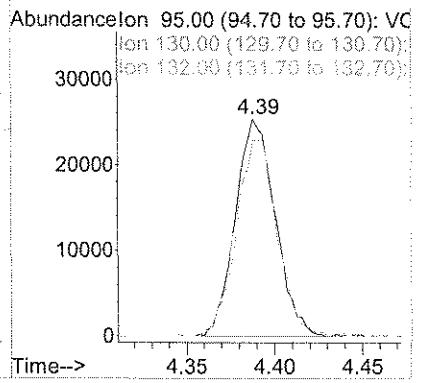


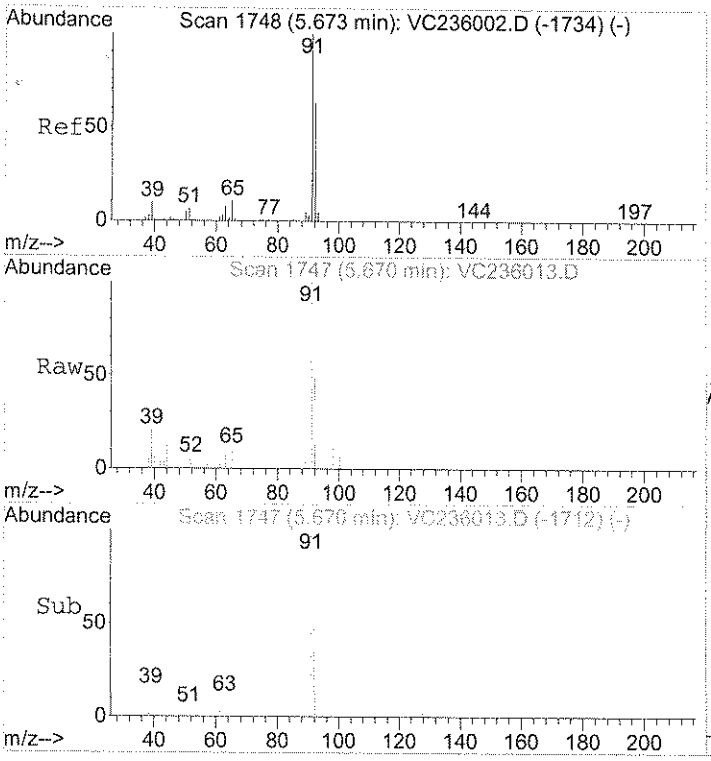


#51
TRICHLOROETHENE
Concen: 8.52 UG/L
RT: 4.39 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 95 Resp: 40003

Ion	Ratio	Lower	Upper
95	100		
130	94.6	77.3	115.9
132	89.7	74.7	112.1

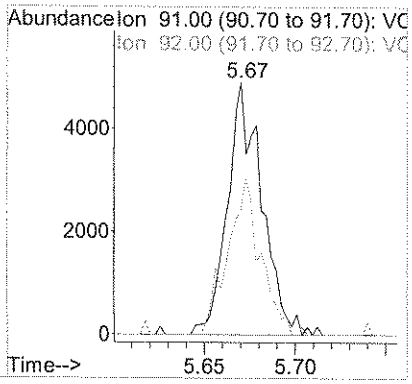


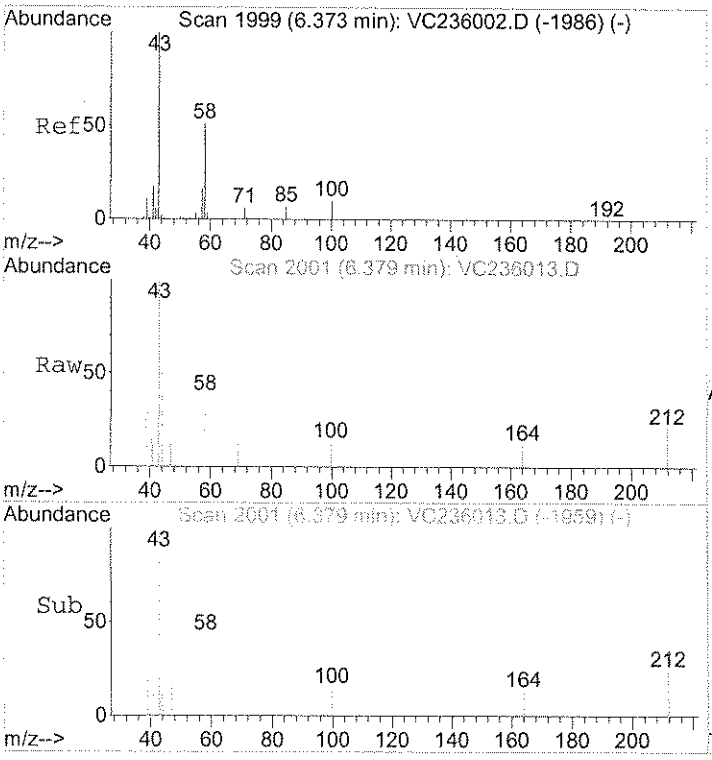


#61
TOLUENE
Concen: 0.36 UG/L
RT: 5.67 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 91 Resp: 6470

Ion	Ratio	Lower	Upper
91	100		
92	59.0	48.2	72.2

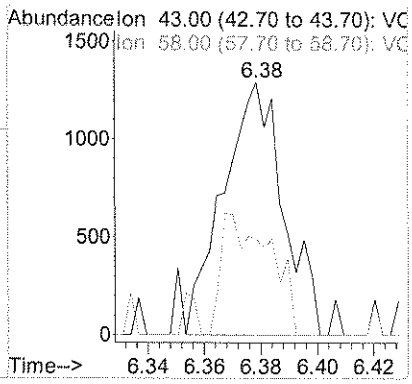


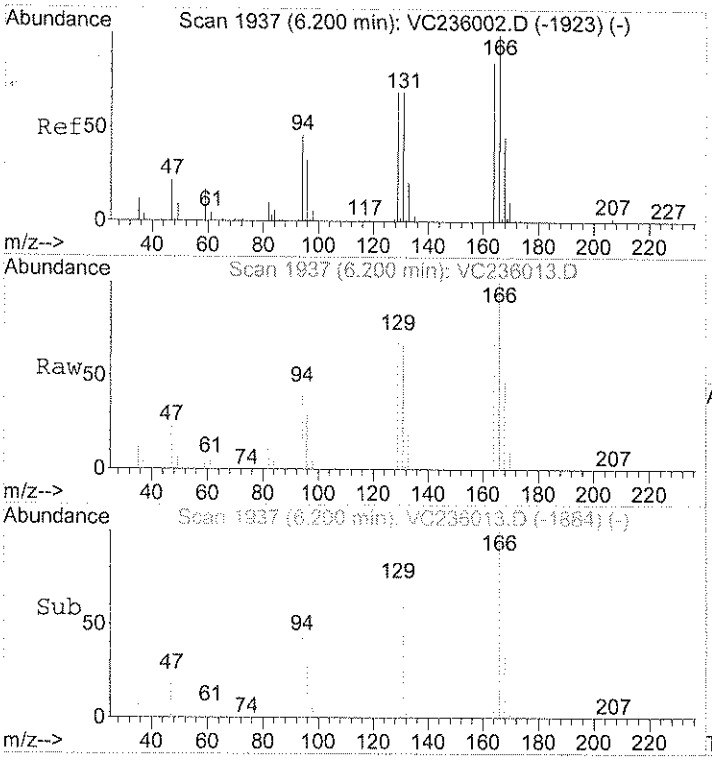


#65
2-HEXANONE
Concen: 0.77 UG/L
RT: 6.38 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 43 Resp: 1912

Ion	Ratio	Lower	Upper
43	100		
58	39.3	41.4	62.2#

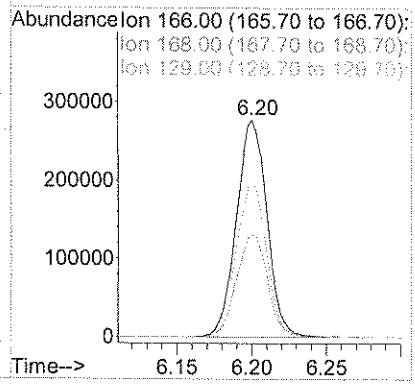


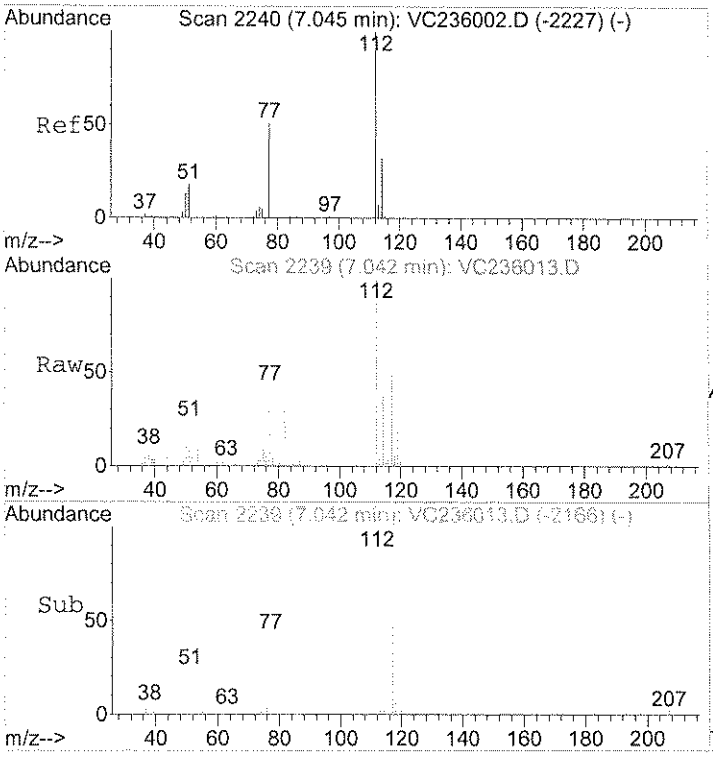


#66
TETRACHLOROETHENE
Concen: 79.74 UG/L
RT: 6.20 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion:166 Resp: 399816

Ion	Ratio	Lower	Upper
166	100		
168	47.9	38.1	57.1
129	71.0	53.6	80.4

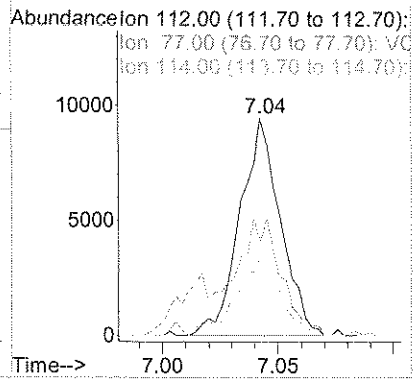


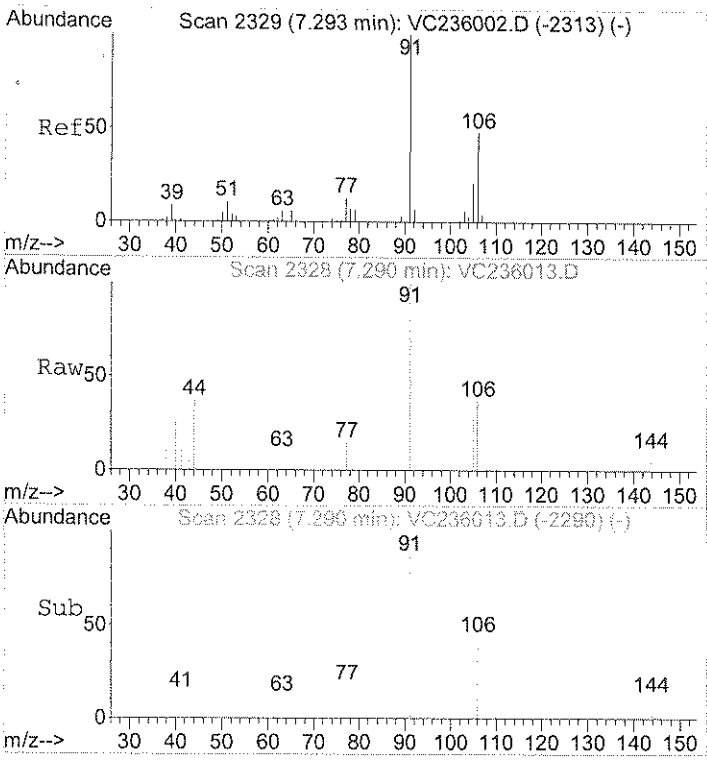


#72
CHLOROBENZENE
Concen: 0.94 UG/L
RT: 7.04 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion:112 Resp: 11503

Ion	Ratio	Lower	Upper
112	100		
77	58.2	47.9	71.9
114	39.1	26.2	39.4

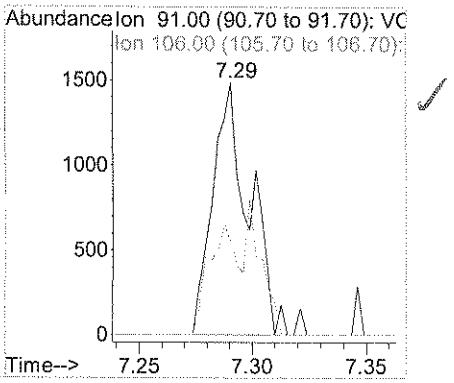




#75
M/P-XYLENES
Concen: 0.10 UG/L m
RT: 7.29 min Scan# 2328
Delta R.T. -0.00 min
Lab File: VC236013.D
Acq: 24 Aug 2011 7:52 pm

Tgt Ion: 91 Resp: 1692

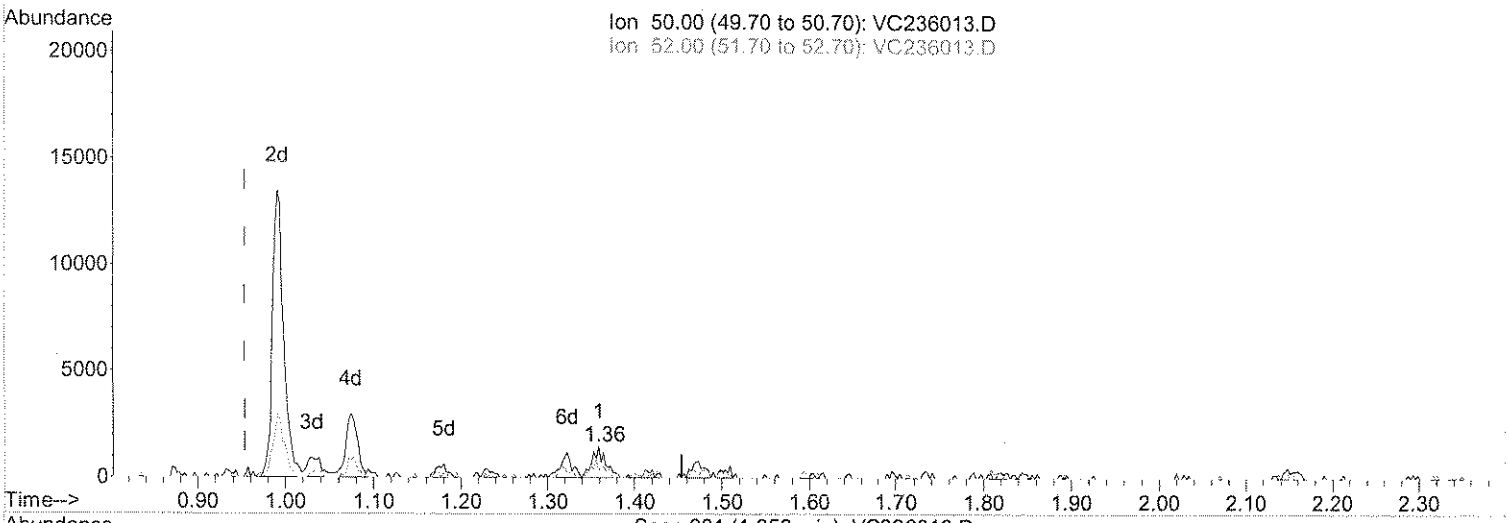
Ion	Ratio	Lower	Upper
91	100		
106	35.3	37.0	55.4#

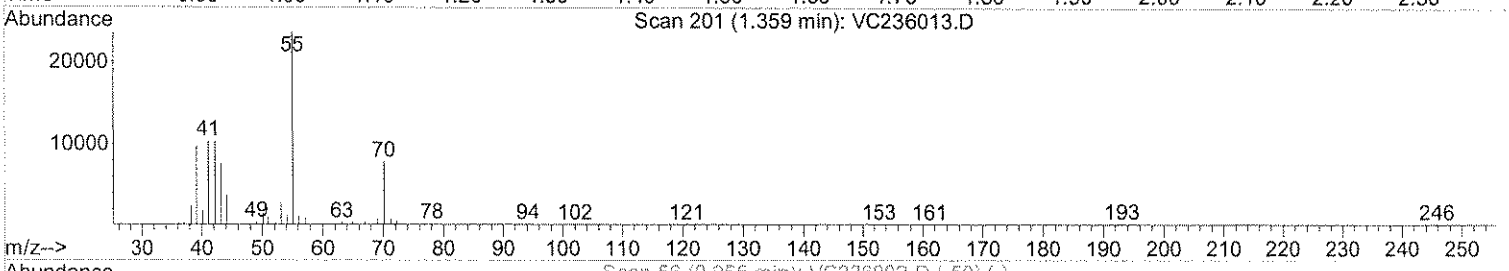


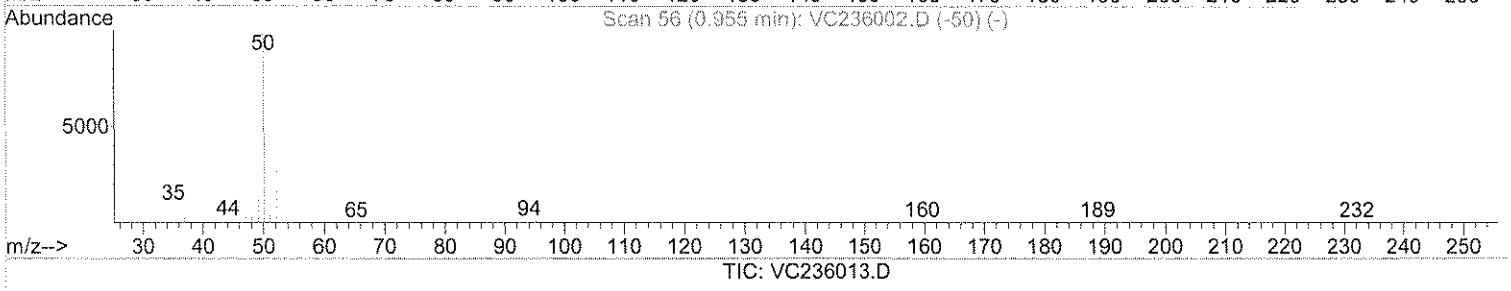
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236013.D

(5) CHLOROMETHANE (P)

1.359min (+0.405) 0.35UG/L

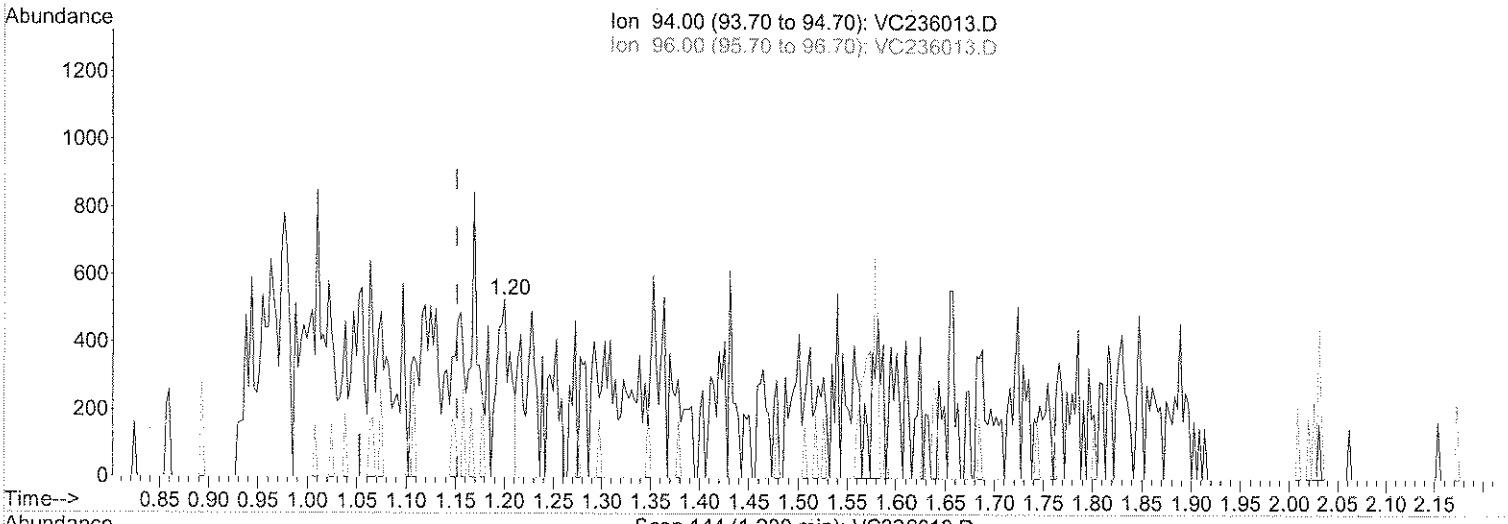
response 1567

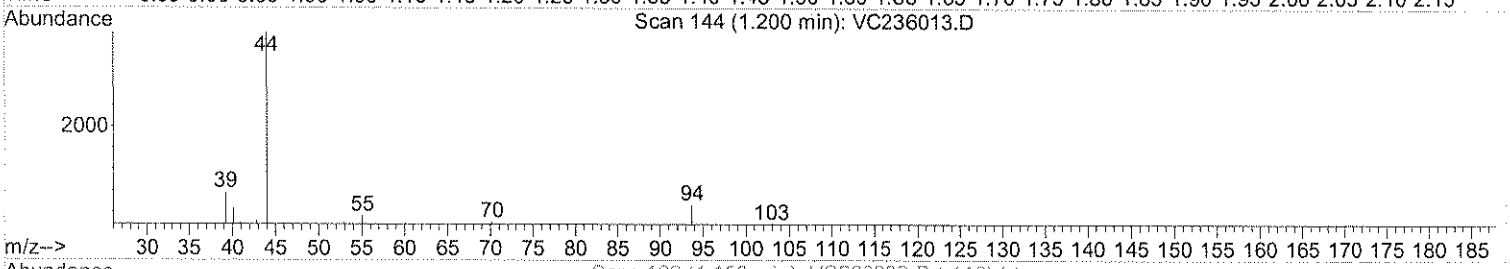
Ion	Exp%	Act%
50.00	100	100
52.00	32.60	38.29
0.00	0.00	0.00
0.00	0.00	0.00

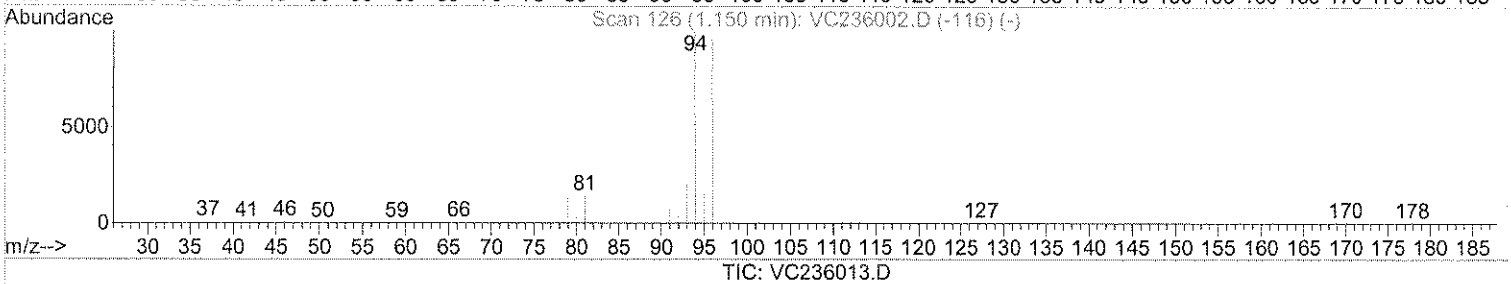
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236013.D

(7) BROMOMETHANE

1.200min (+0.048) 0.17UG/L

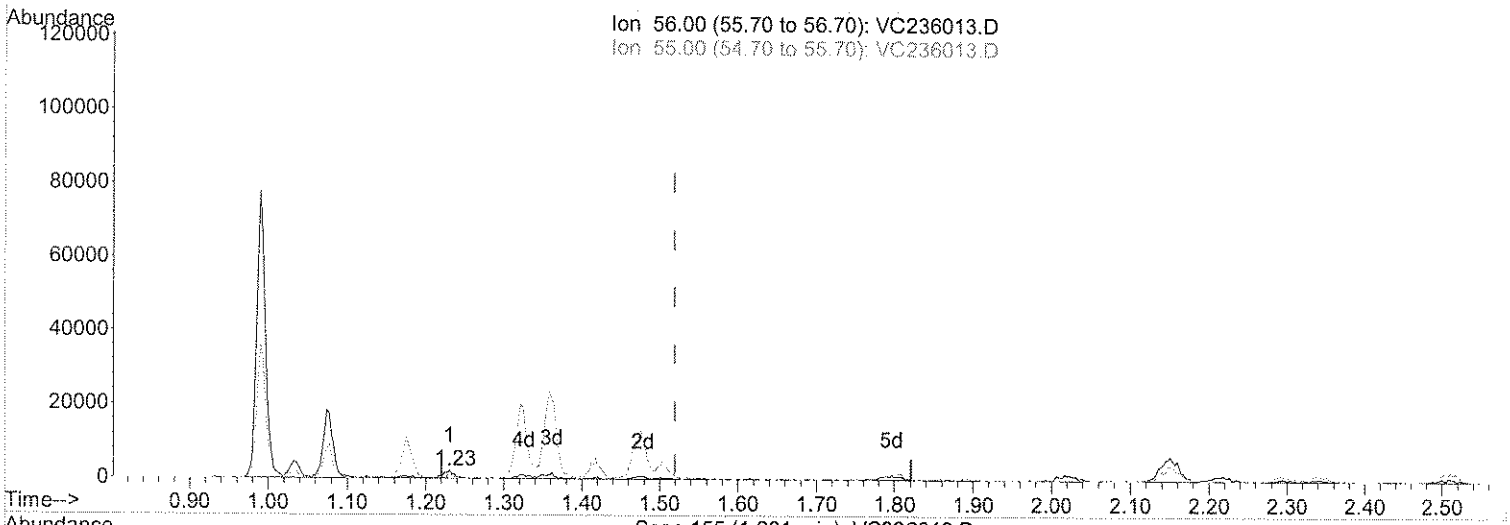
response 517

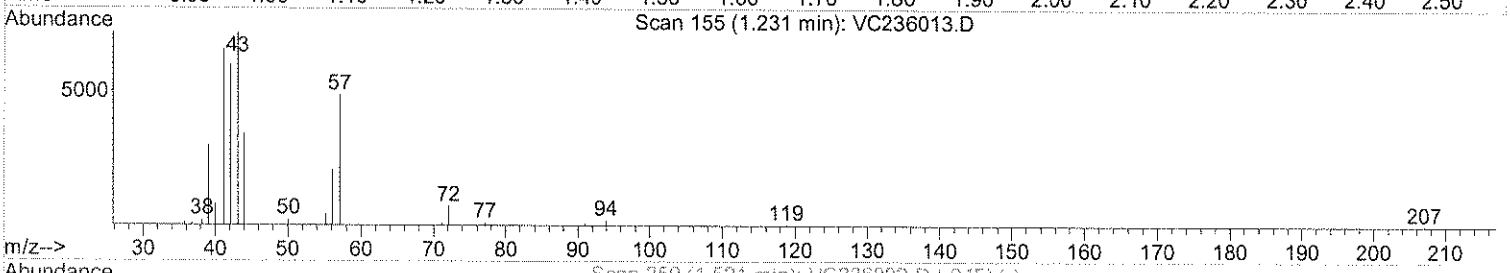
Ion	Exp%	Act%
94.00	100	100
96.00	93.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

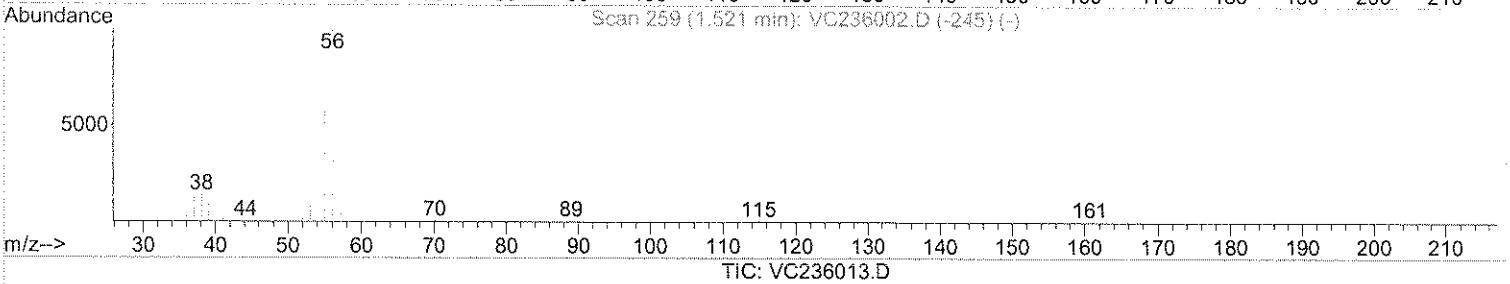
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236013.D

(13) ACROLEIN

1.231min (-0.290) 2.91UG/L

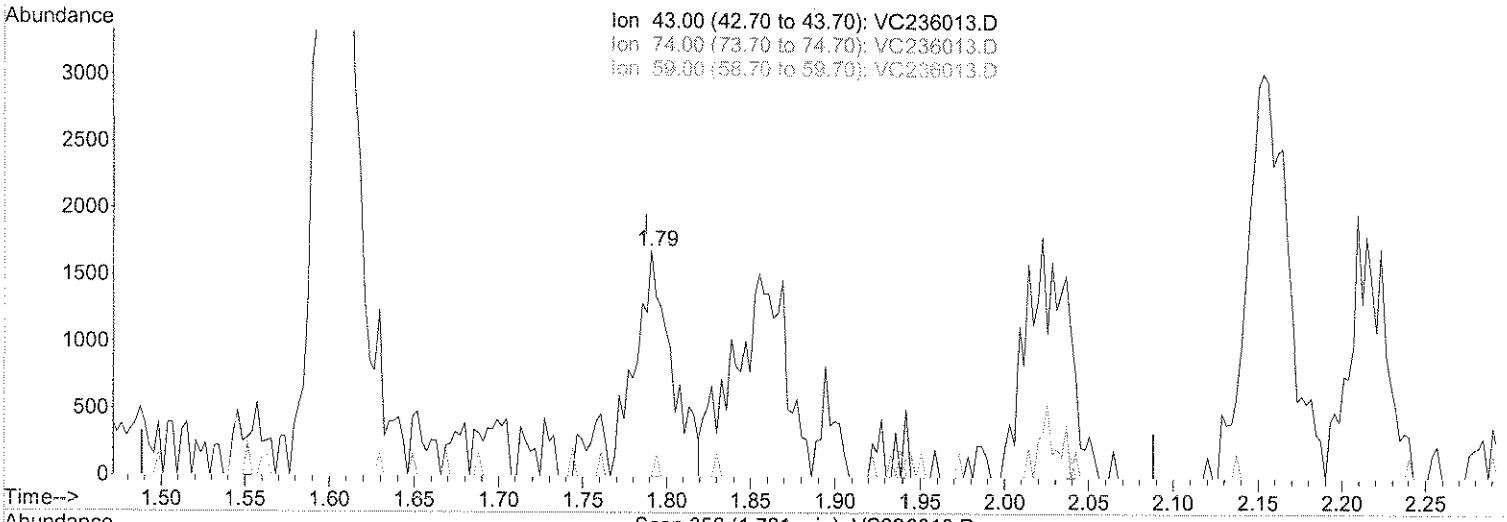
response 1031

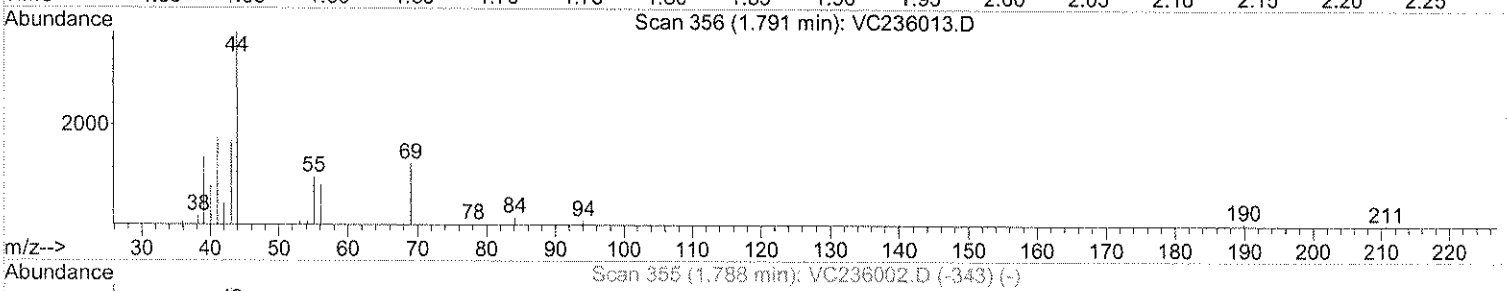
Ion	Exp%	Act%
56.00	100	100
55.00	75.70	71.29
0.00	0.00	0.00
0.00	0.00	0.00

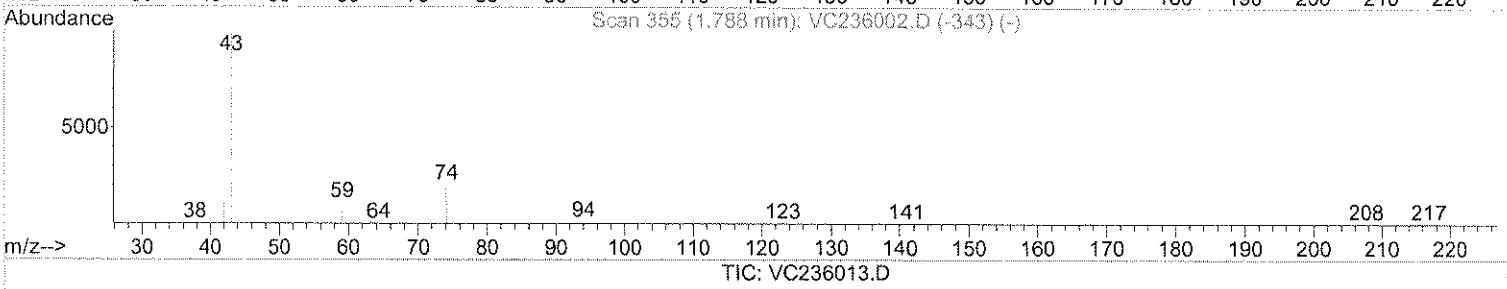
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236013.D

(20) METHYL ACETATE

1.791min (+0.003) 0.49UG/L

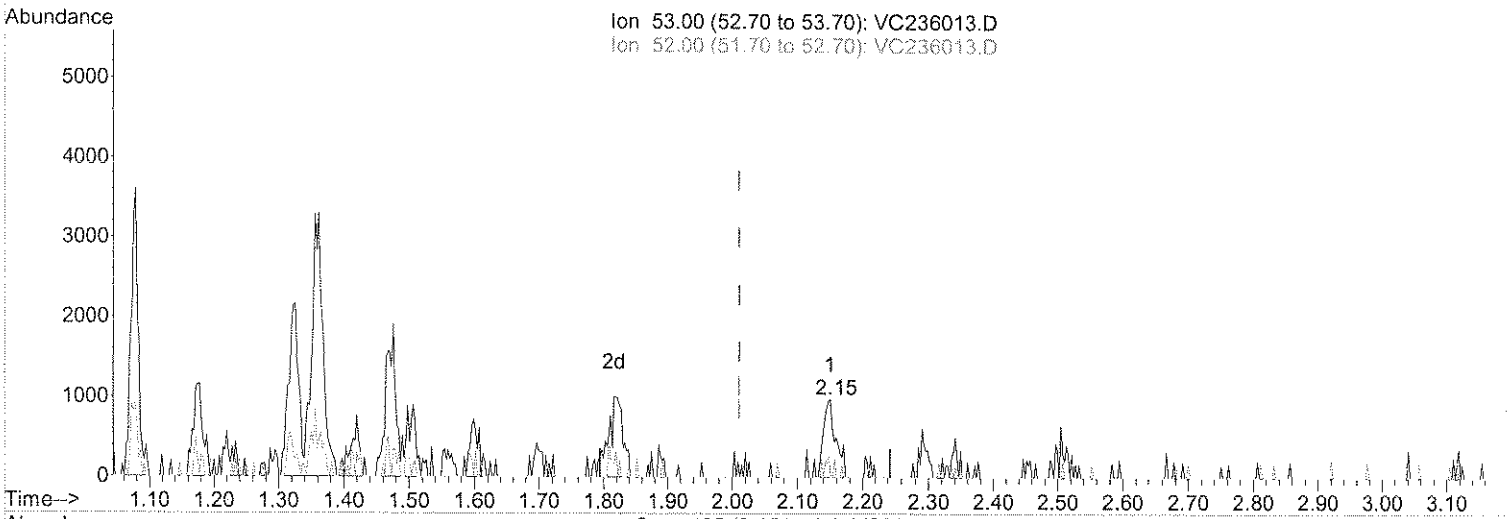
response 2555

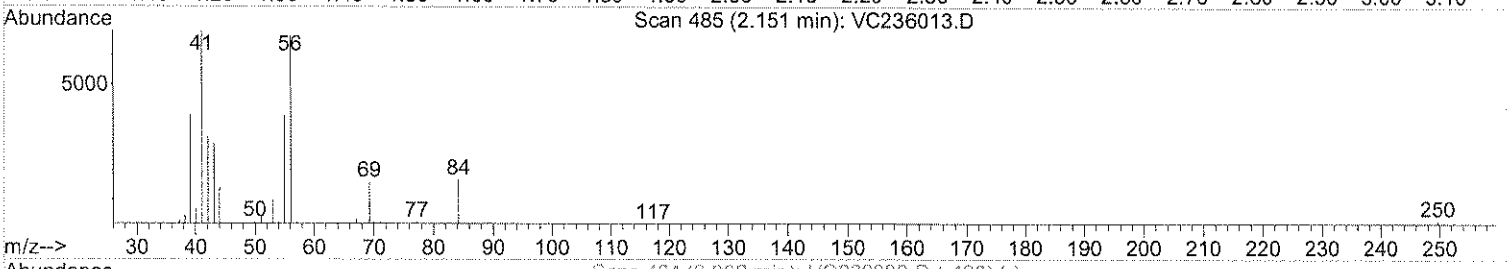
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

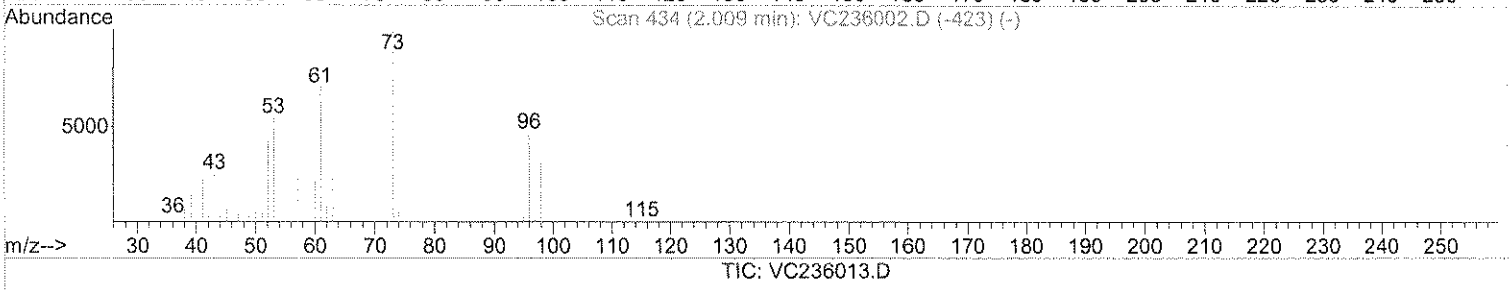
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236013.D

(22) ACRYLONITRILE

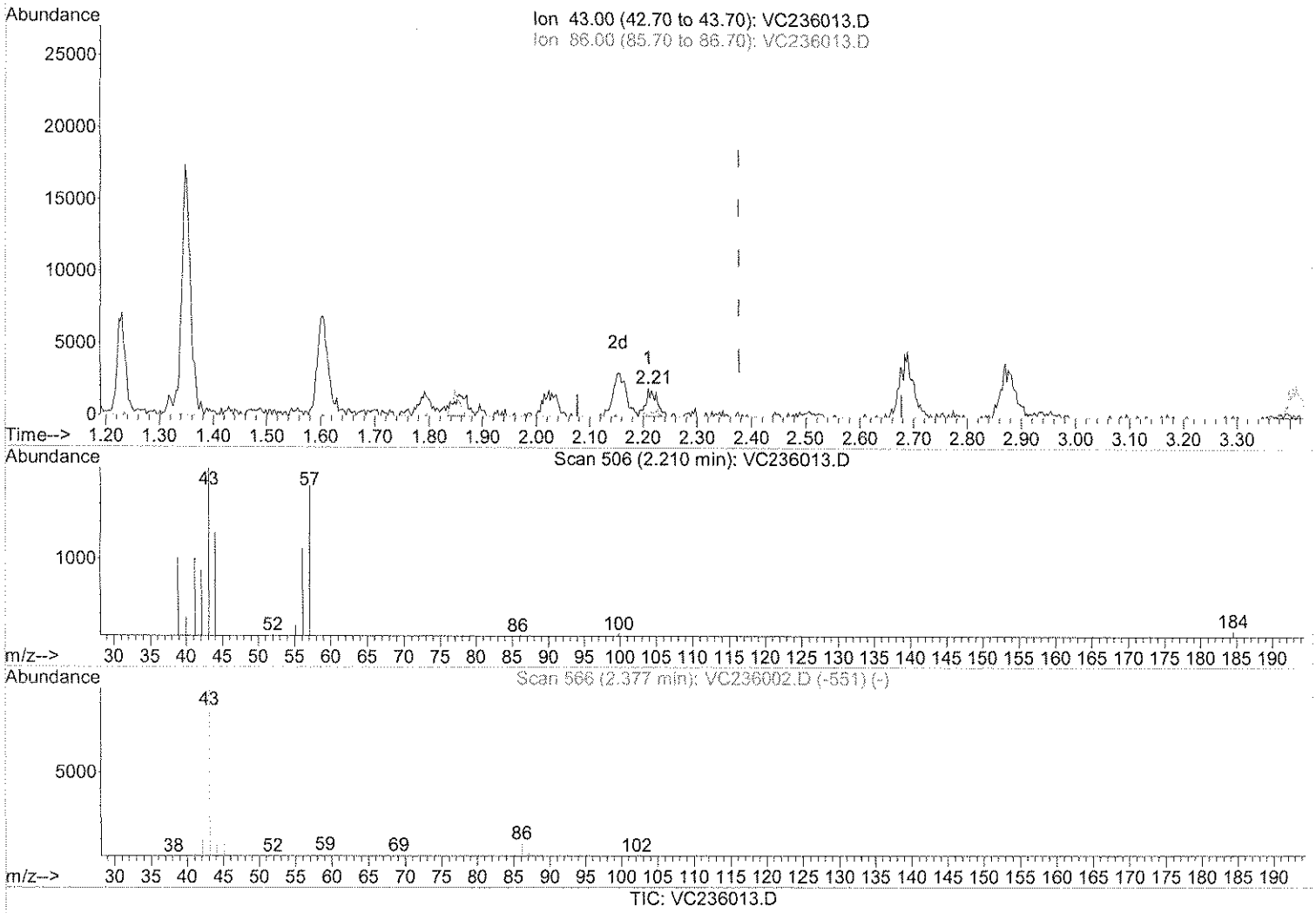
2.151min (+0.140) 0.88UG/L

response 1282

Ion	Exp%	Act%
53.00	100	100
52.00	80.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236013.D

(28) VINYL ACETATE

2.210min (-0.167) 0.35UG/L

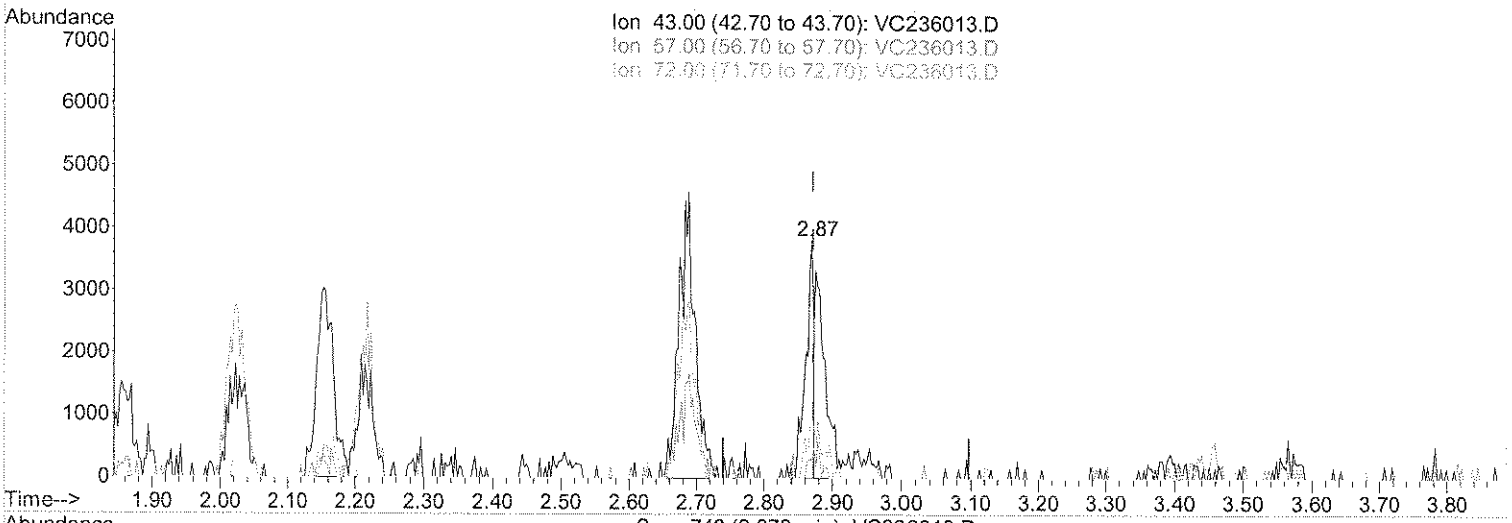
response 2749

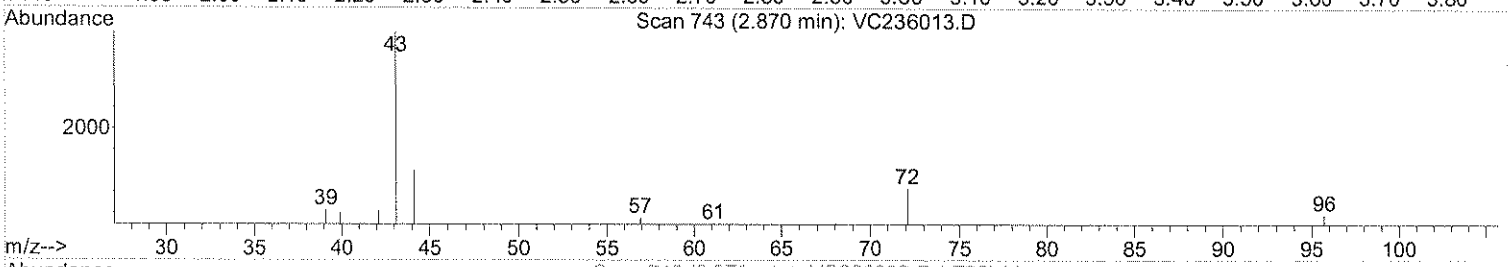
Ion	Exp%	Act%
43.00	100	100
86.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

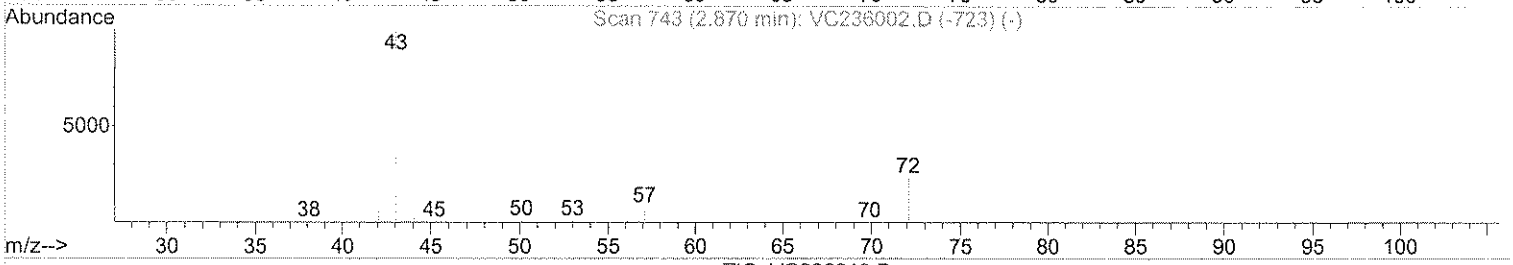
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TiC: VC236013.D

(31) 2-BUTANONE

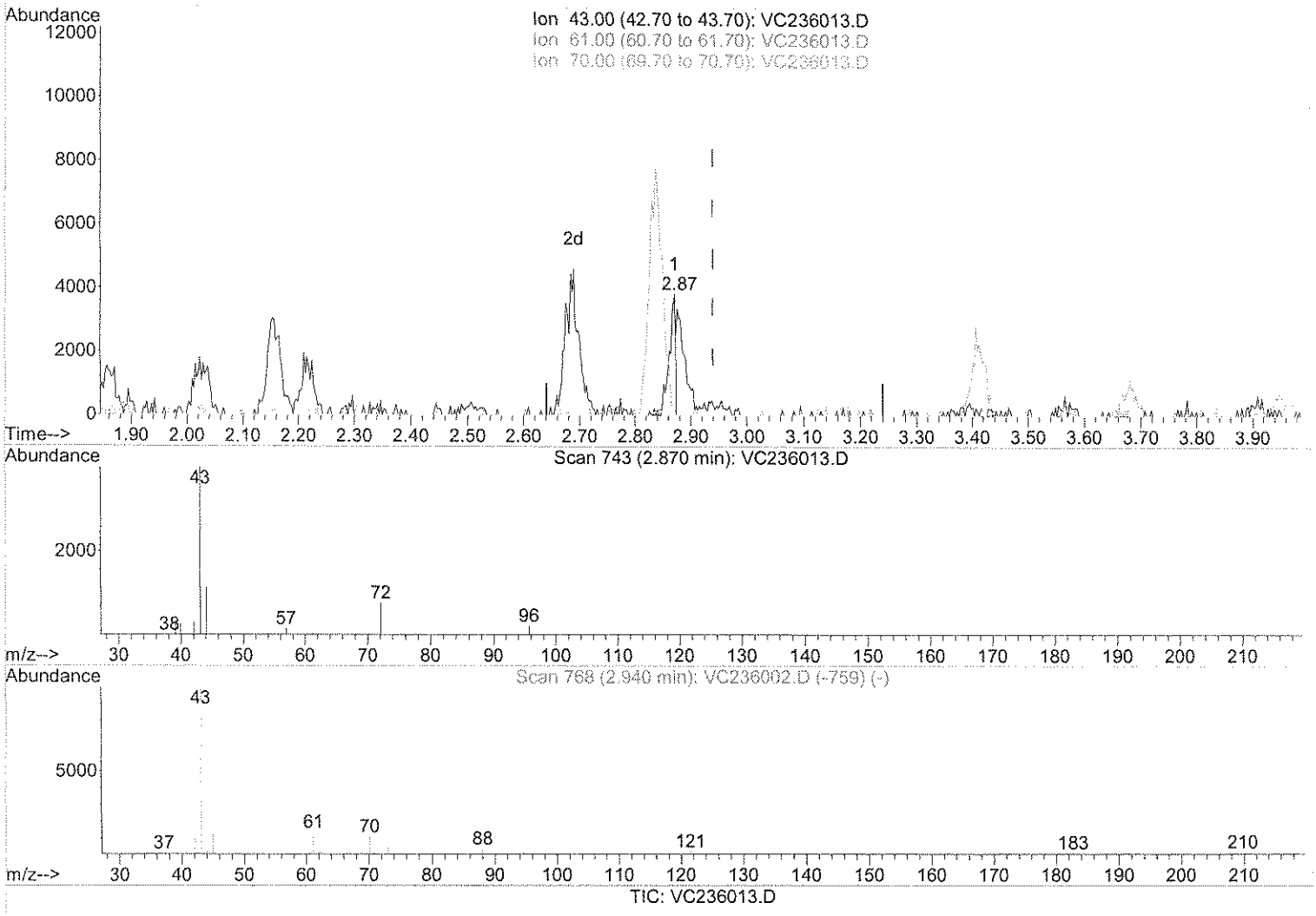
2.870min (-0.003) 1.88UG/L

response 3078

Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00#
72.00	23.60	40.38#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236013.D

(35) ETHYL ACETATE

2.870min (-0.070) 0.69UG/L

response 3078

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	418.91#
70.00	9.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
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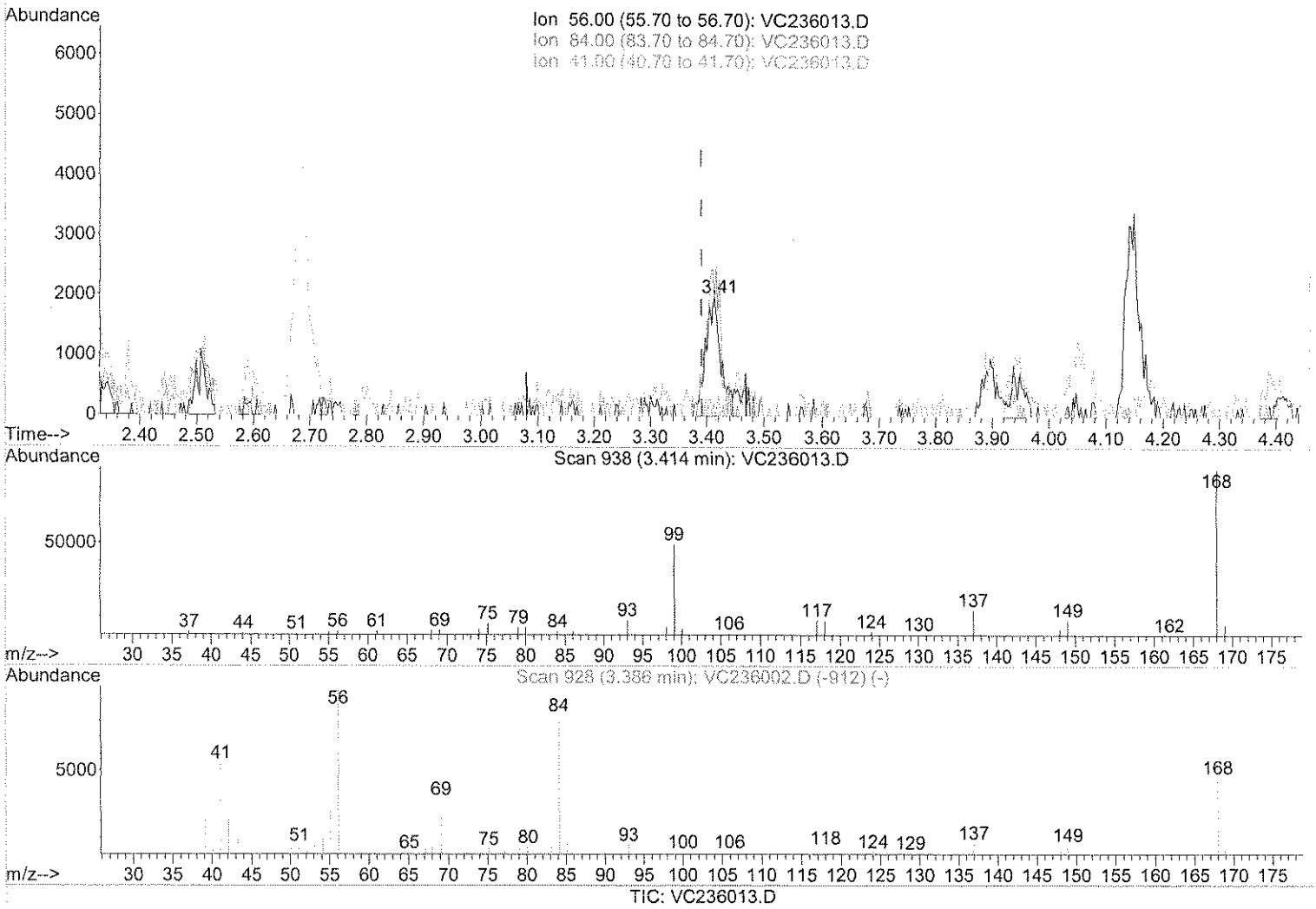


TIC: VC236013.D

(42) CYCLOHEXANE

3.414min (+0.022) 0.60UG/L

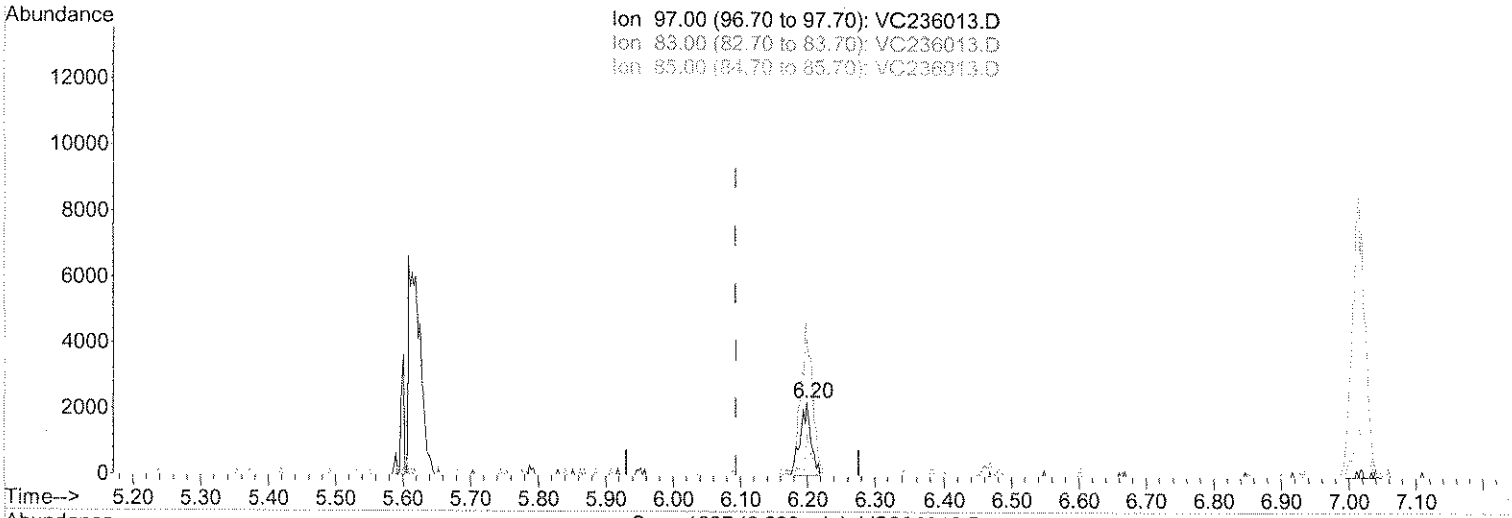
response 3693

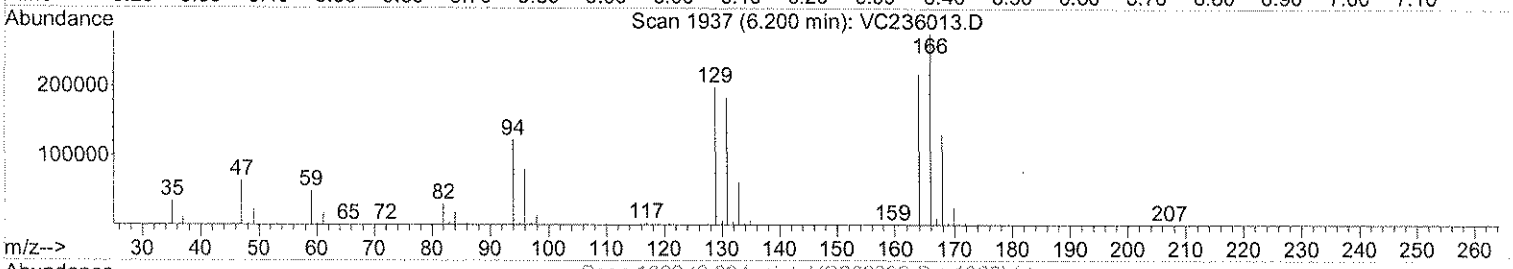
Ion	Exp%	Act%
56.00	100	100
84.00	92.50	112.02#
41.00	62.90	0.00#
0.00	0.00	0.00

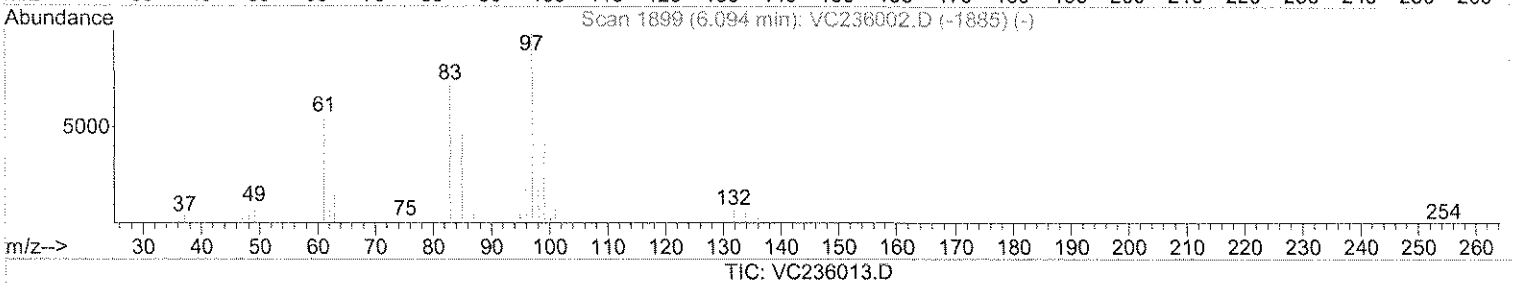
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236013.D

(64) 1,1,2-TRICHLOROETHANE

6.200min (+0.106) 0.65UG/L

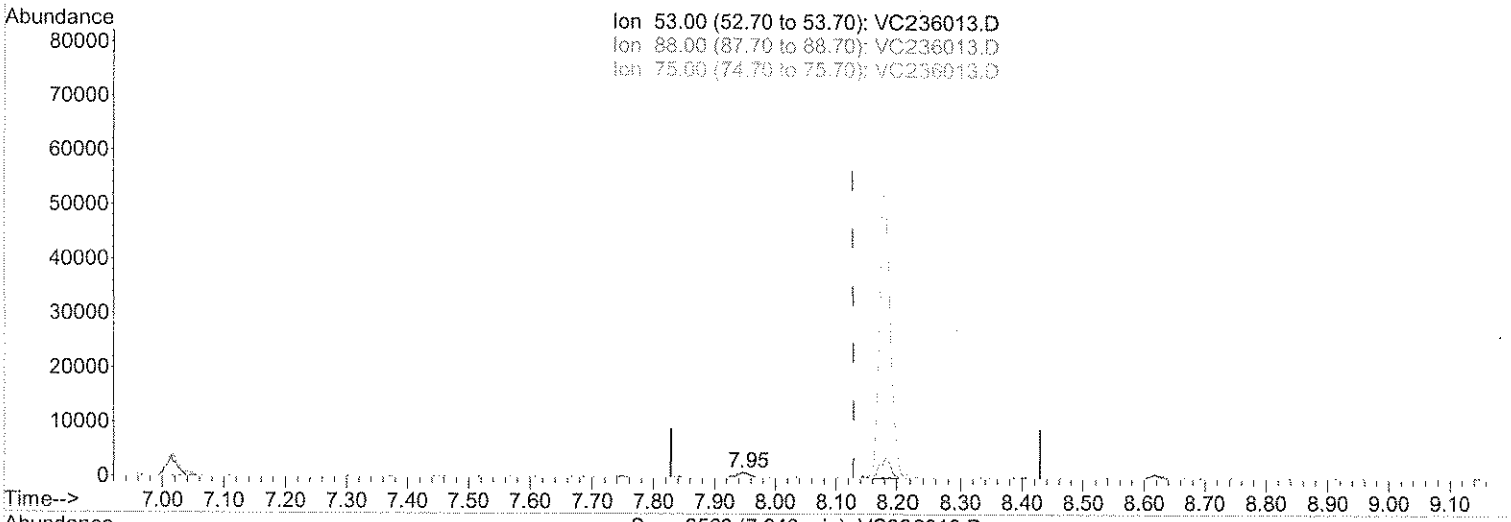
response 2572

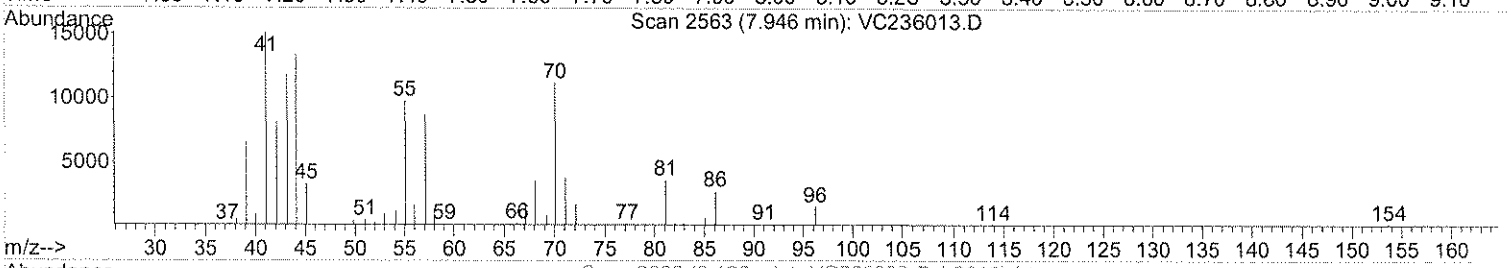
Ion	Exp%	Act%
97.00	100	100
83.00	85.10	228.69#
85.00	53.70	34.10#
0.00	0.00	0.00

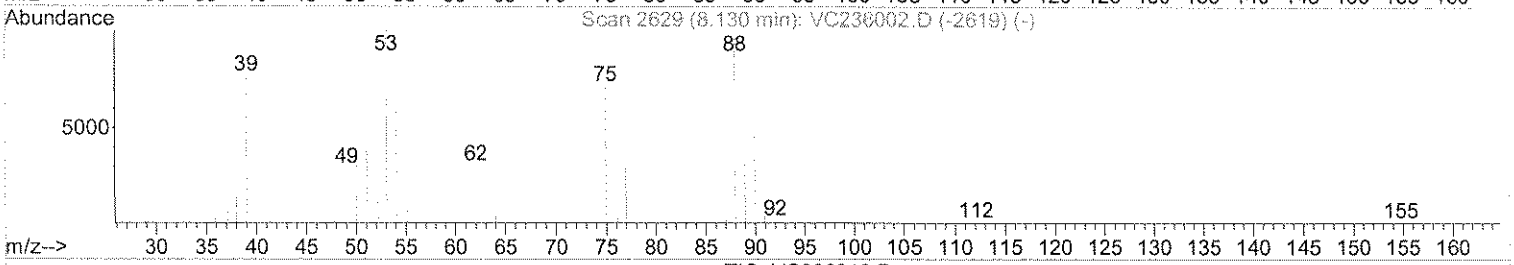
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236013.D

(80) CIS-1,4-DICHLORO-2-BUTENE

7.946min (-0.183) 1.06UG/L

response 1422

Ion	Exp%	Act%
53.00	100	100
88.00	127.40	0.00#
75.00	99.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236013.D
Acq On : 24 Aug 2011 7:52 pm
Operator :
Sample : 11H0909-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 25 07:33:47 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
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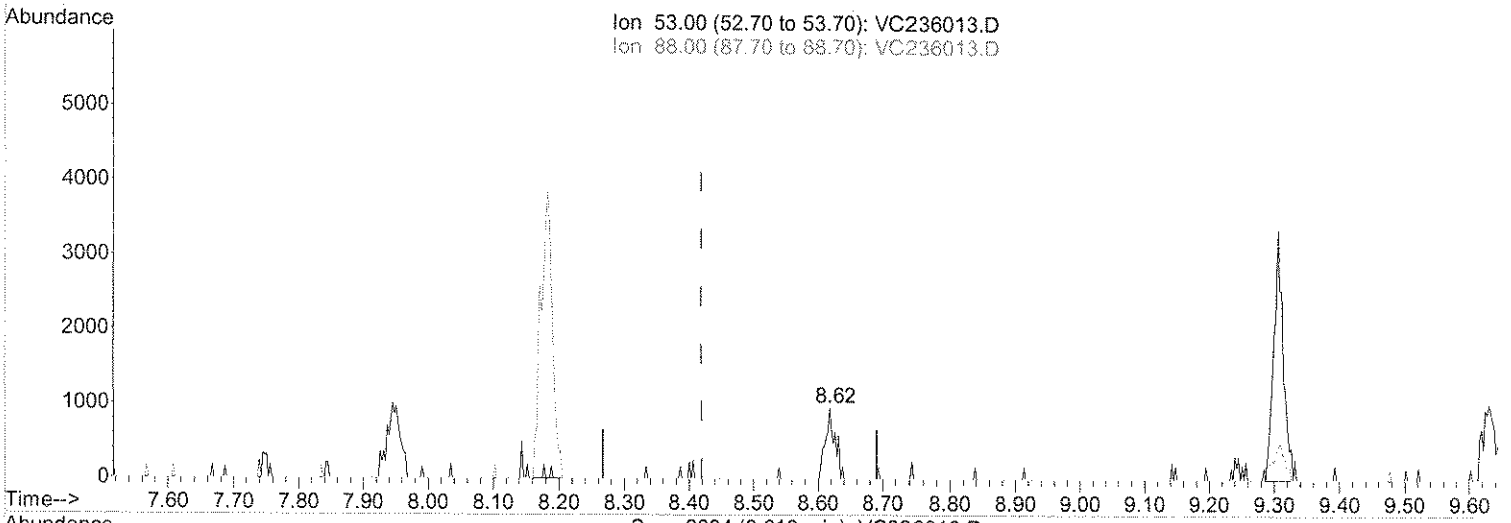

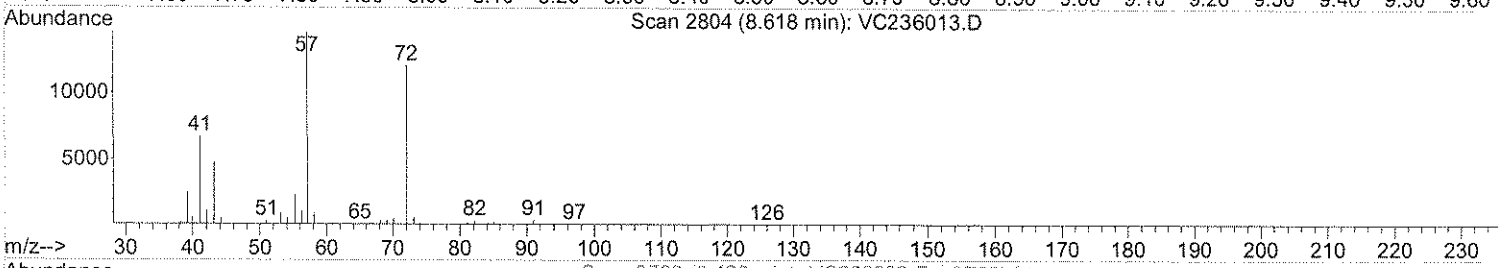

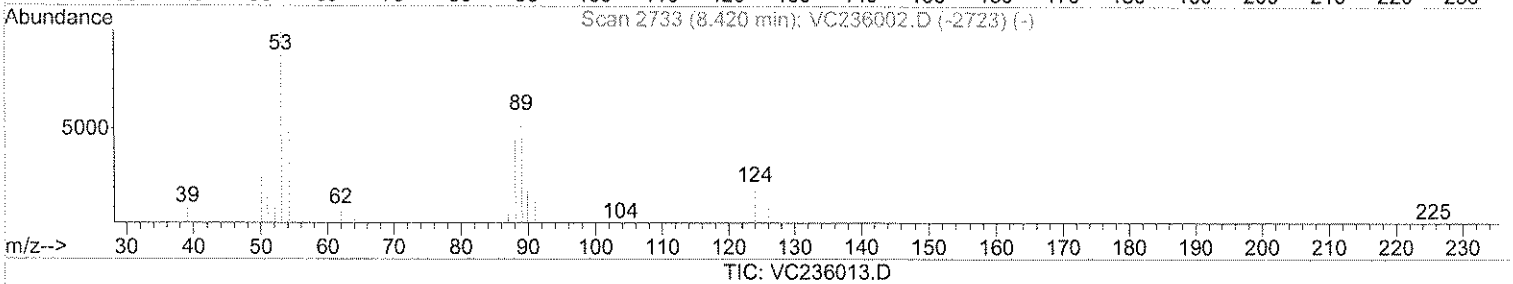

TIC: VC236013.D

(82) 1,4-DICHLORO-2-BUTENE(TRANS)

8.618min (+0.198) 0.68UG/L

response 1008

Ion	Exp%	Act%
53.00	100	100
88.00	58.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-150/Q

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-04	File ID:	VC236014.D
Sampled:	08/19/11 09:55	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 20:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-150/Q

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-04	File ID:	VC236014.D
Sampled:	08/19/11 09:55	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 20:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.6	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-150/Q

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-04	File ID:	VC236014.D
Sampled:	08/19/11 09:55	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 20:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	86	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	7.0	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-150/Q

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-04	File ID:	VC236014.D
Sampled:	08/19/11 09:55	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 20:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 10:48:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	167354	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	261668	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	166482	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	176943	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	91200	25.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.04%				
49) TOLUENE SS	5.61	98	270436	25.88	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.52%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	136058	24.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	867	0.16	UG/L	#	42
11) ETHANOL	1.63	45	958	Below Cal		#	1
14) ACETONE	1.60	43	11018	12.25	UG/L		99
15) 1,1-DICHLOROETHENE	1.57	61	845	0.16	UG/L	#	30
23) METHYLENE CHLORIDE	1.85	49	3860	0.80	UG/L		96
24) CARBON DISULFIDE	1.69	76	929	0.10	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	10051	0.84	UG/L	#	44
27) 1,1-DICHLOROETHANE	2.32	63	1211m	0.16	UG/L		
31) 2-BUTANONE	2.87	43	6645m	4.21	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.83	61	10998	1.59	UG/L		93
45) BENZENE	3.73	78	7038	0.45	UG/L	#	92
51) TRICHLOROETHENE	4.39	95	31711	7.00	UG/L		97
61) TOLUENE	5.68	91	7344	0.42	UG/L	#	53
65) 2-HEXANONE	6.37	43	1875	0.78	UG/L	#	83
66) TETRACHLOROETHENE	6.20	166	414154	85.61	UG/L		98
72) CHLOROBENZENE	7.04	112	11321	0.97	UG/L	#	75

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

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Operator :
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Misc :
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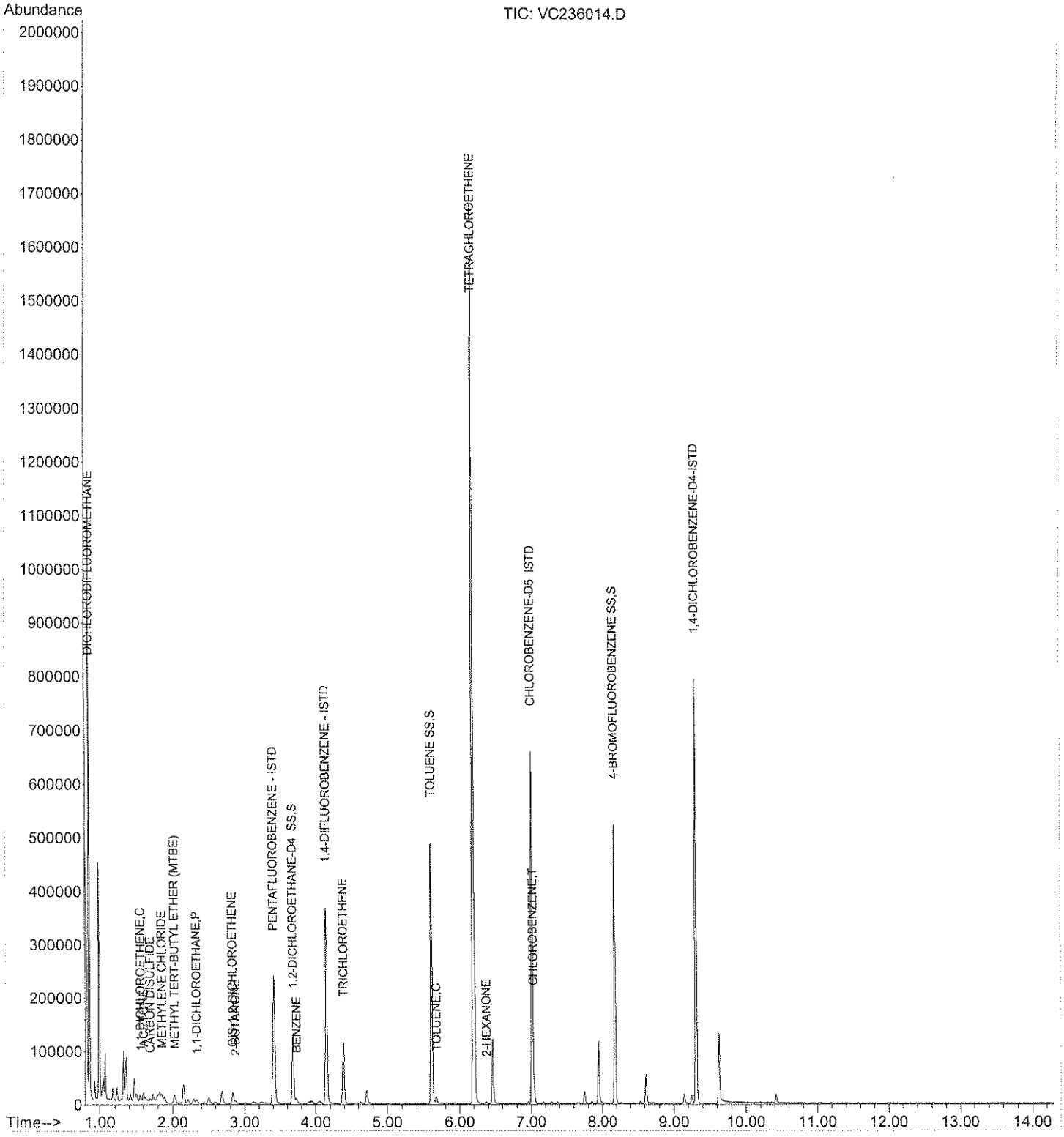
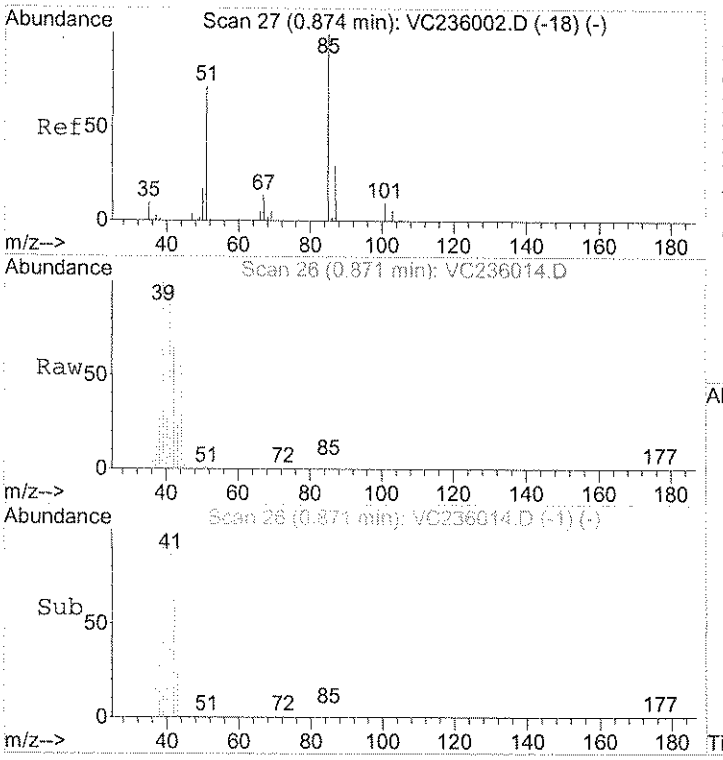
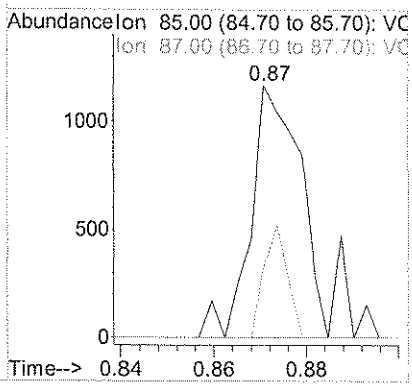


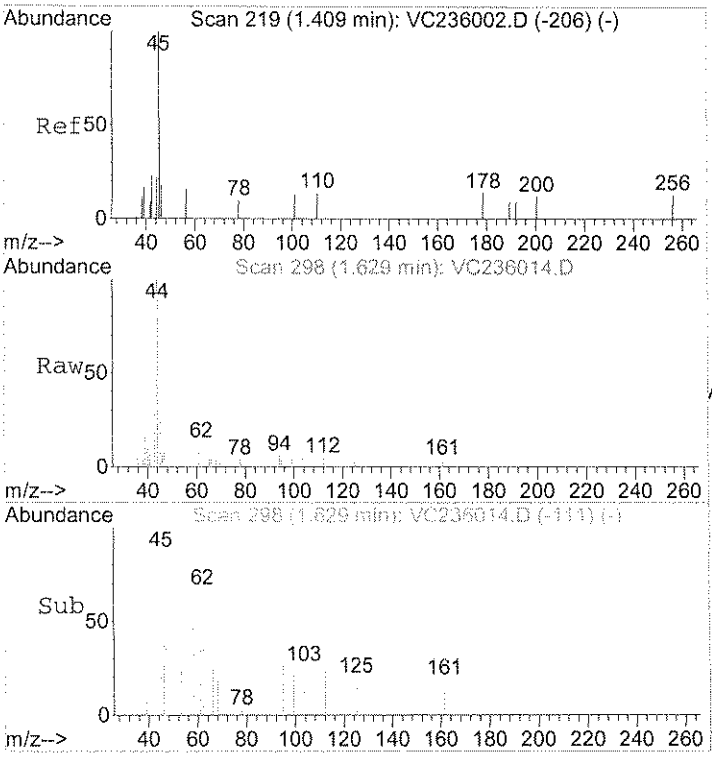


#3
DICHLORODIFLUOROMETHANE
Concen: 0.16 UG/L
RT: 0.87 min Scan# 26
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 85 Resp: 867

Ion	Ratio	Lower	Upper
85	100		
87	0.0	26.2	39.4#

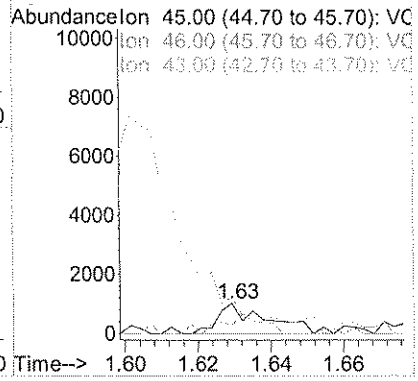


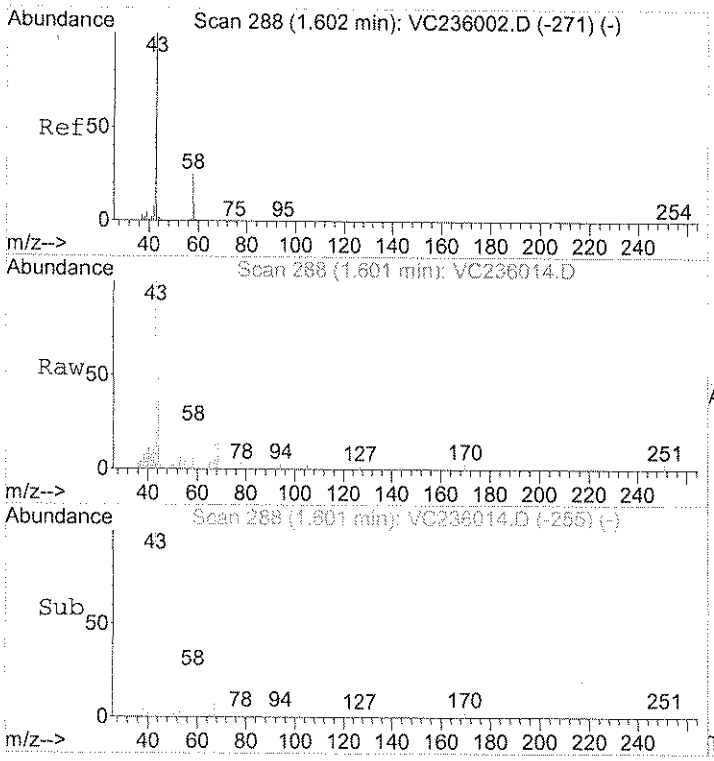


#11
ETHANOL
Concen: Below Cal
RT: 1.63 min Scan# 298
Delta R.T. 0.22 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 45 Resp: 958

Ion	Ratio	Lower	Upper
45	100		
46	54.5	30.7	46.1#
43	1150.1	17.5	26.3#

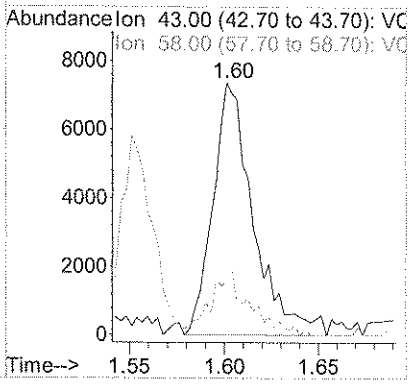


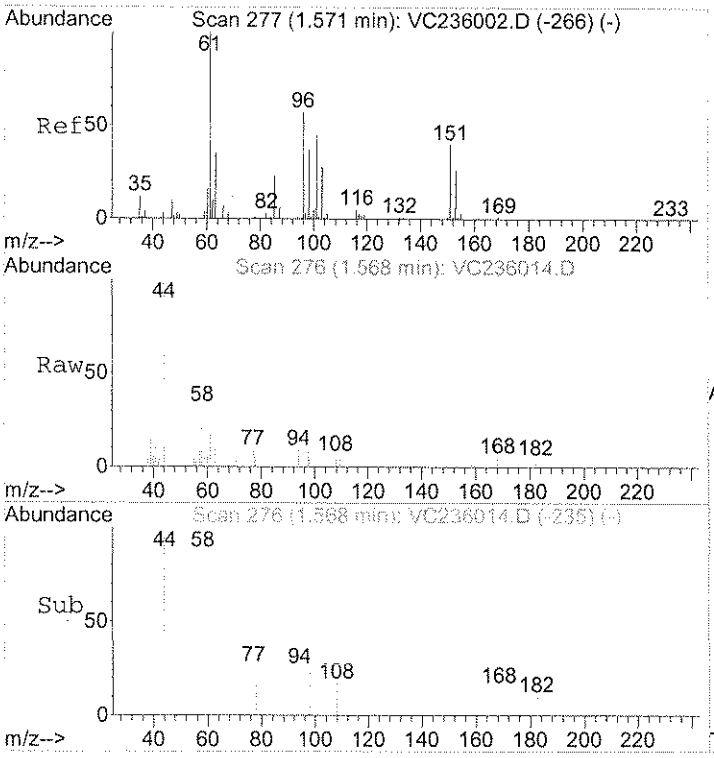


#14
ACETONE
Concen: 12.25 UG/L
RT: 1.60 min Scan# 288
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 43 Resp: 11018

Ion	Ratio	Lower	Upper
43	100		
58	24.7	20.2	30.2

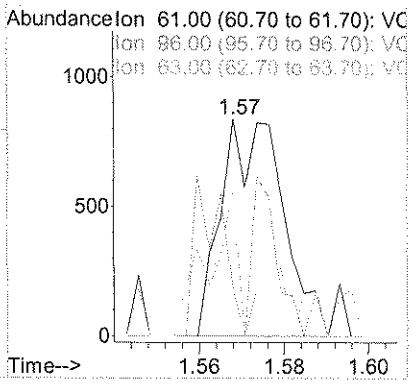


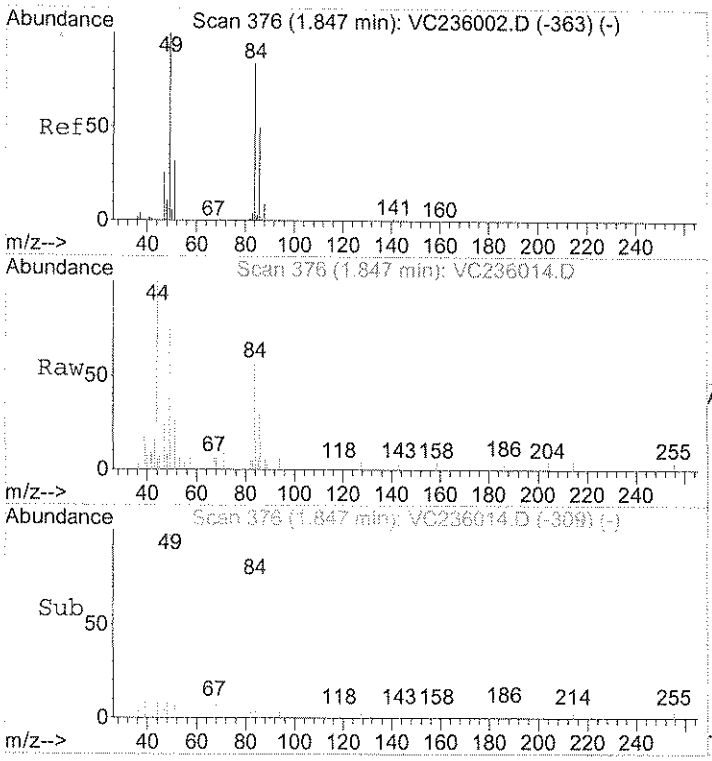


#15
1,1-DICHLOROETHENE
Concen: 0.16 UG/L
RT: 1.57 min Scan# 276
Delta R.T. -0.01 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 61 Resp: 845

Ion	Ratio	Lower	Upper
61	100		
96	0.0	45.8	68.8#
63	0.0	25.5	38.3#

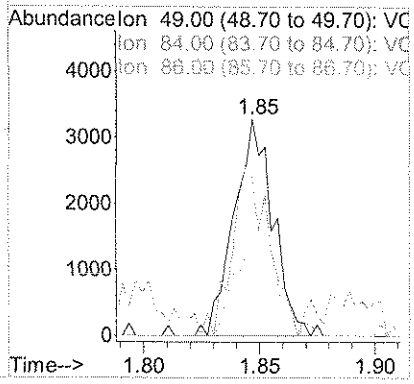


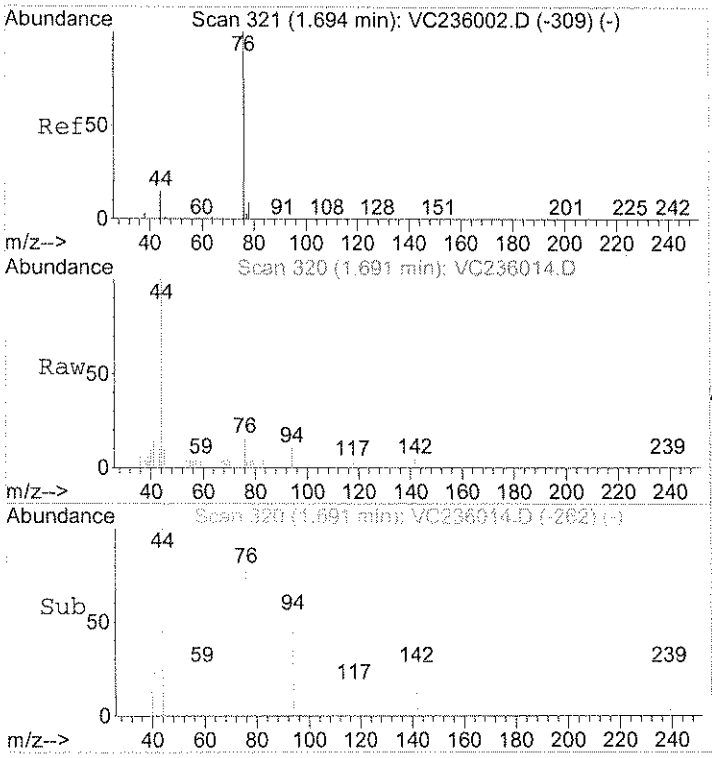


#23
METHYLENE CHLORIDE
Concen: 0.80 UG/L
RT: 1.85 min Scan# 376
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 49 Resp: 3860

Ion	Ratio	Lower	Upper
49	100		
84	74.3	63.0	94.6
86	46.9	39.1	58.7

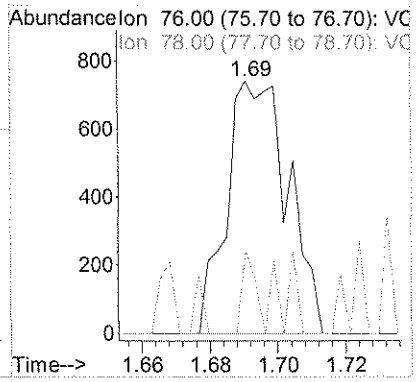


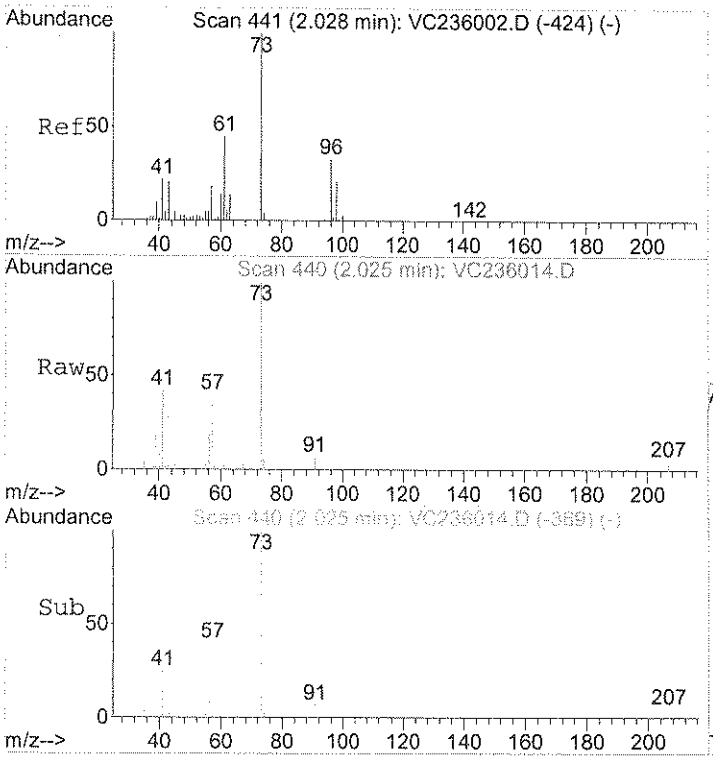


#24
CARBON DISULFIDE
Concen: 0.10 UG/L
RT: 1.69 min Scan# 320
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 76 Resp: 929

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

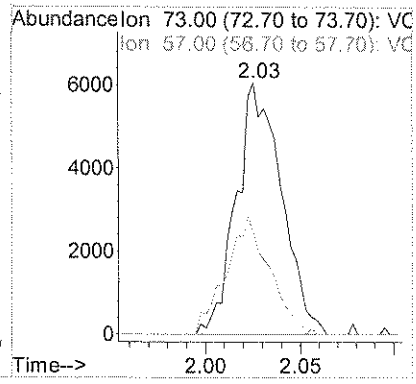


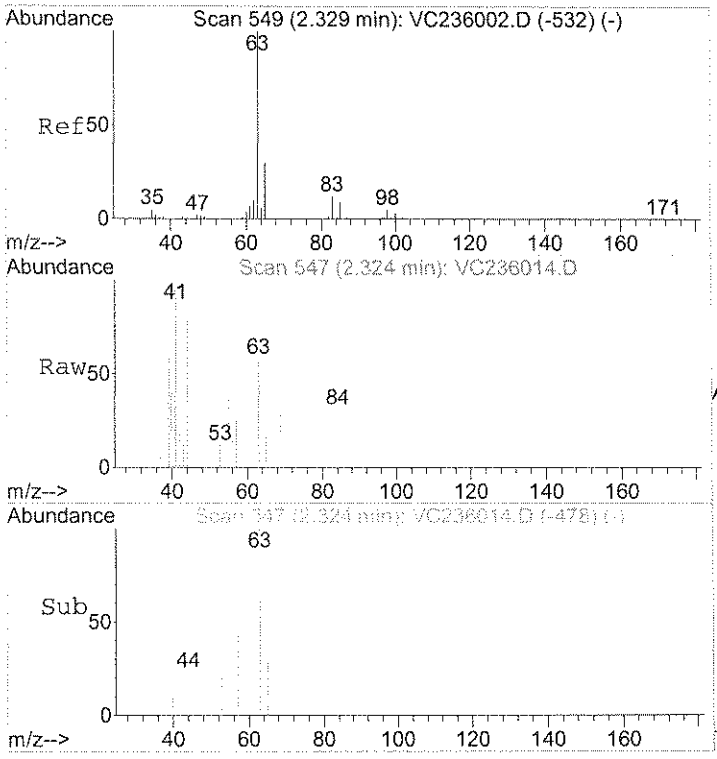


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.84 UG/L
RT: 2.03 min Scan# 440
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 73 Resp: 10051

Ion	Ratio	Lower	Upper
73	100		
57	45.4	15.8	23.8#

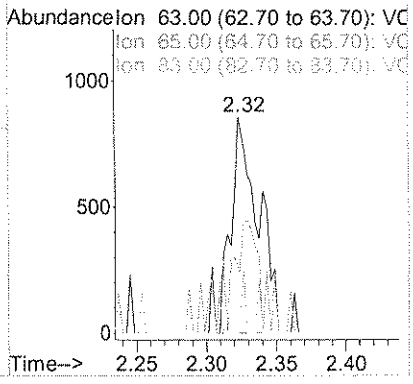


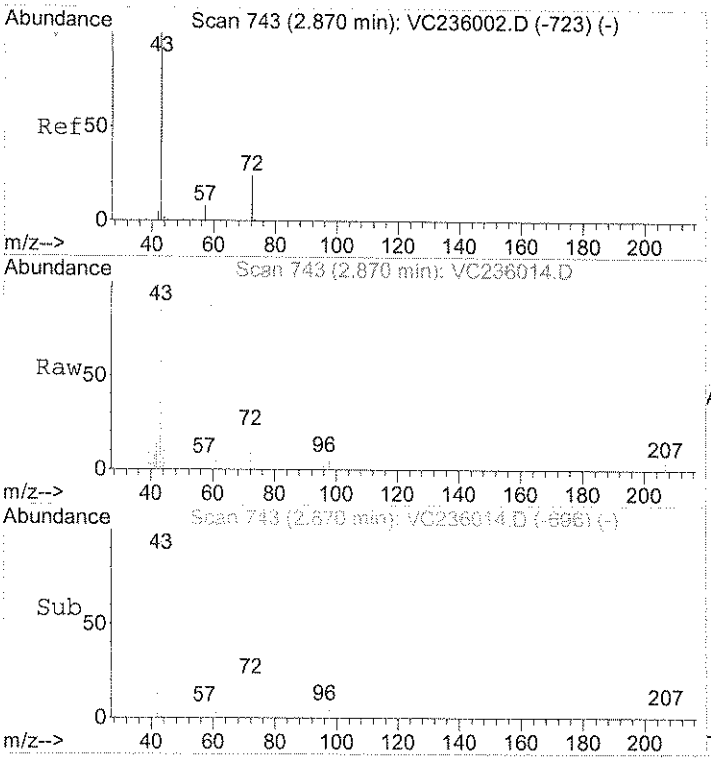


#27
1,1-DICHLOROETHANE
Concen: 0.16 UG/L m
RT: 2.32 min Scan# 547
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 63 Resp: 1211

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.2	37.8#
83	0.0	11.3	16.9#

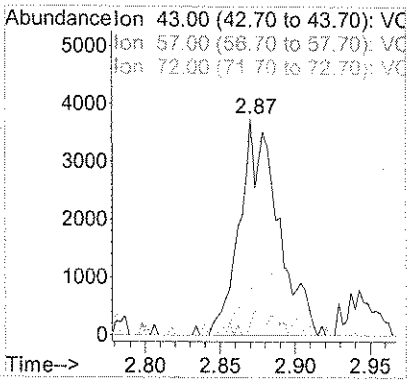


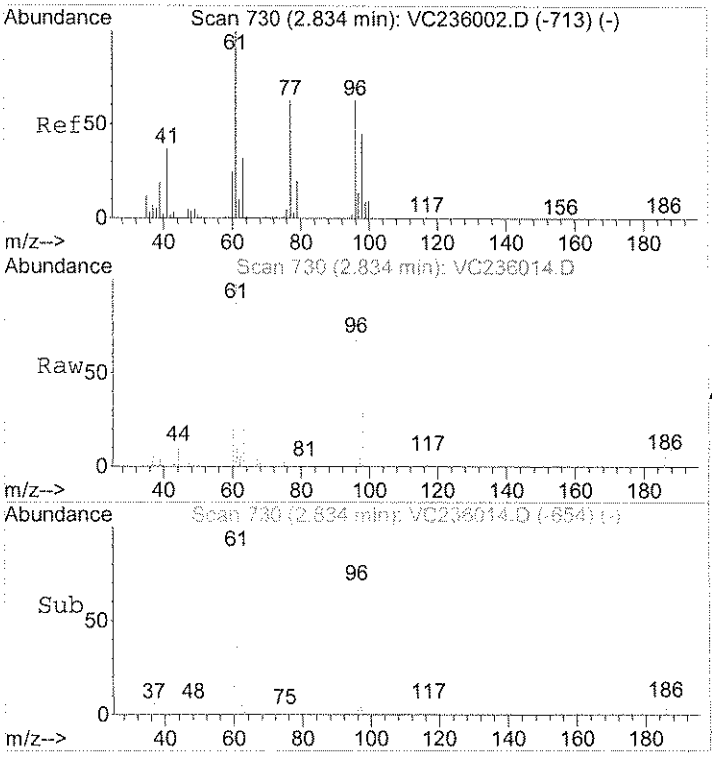


#31
2-BUTANONE
Concen: 4.21 UG/L m
RT: 2.87 min Scan# 743
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 43 Resp: 6645

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	13.7	18.9	28.3#

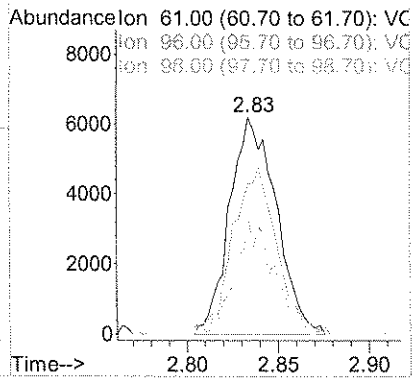


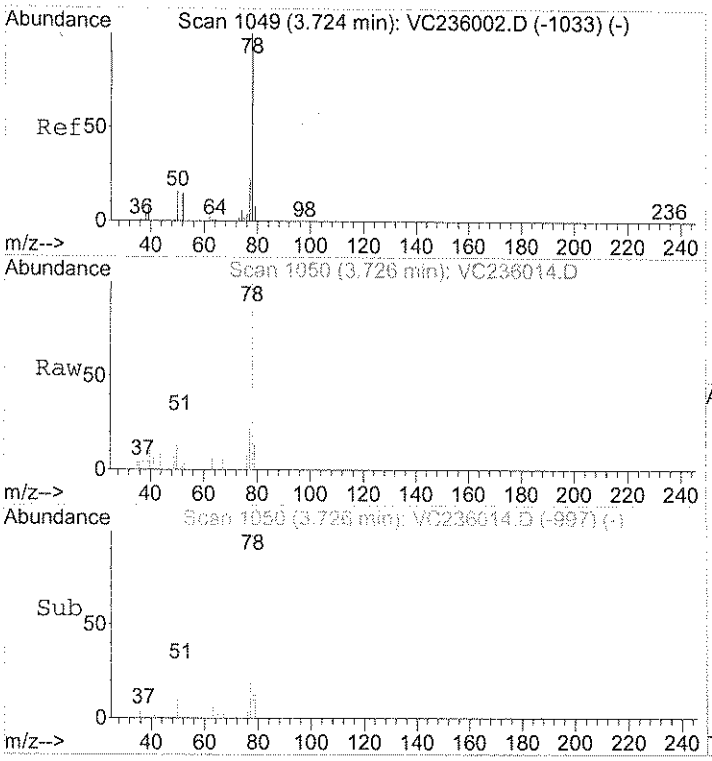


#33
CIS-1,2-DICHLOROETHENE
Concen: 1.59 UG/L
RT: 2.83 min Scan# 730
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 61 Resp: 10998

Ion	Ratio	Lower	Upper
61	100		
96	72.9	53.0	79.6
98	45.2	33.9	50.9

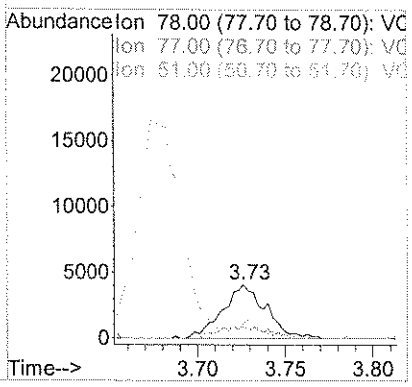


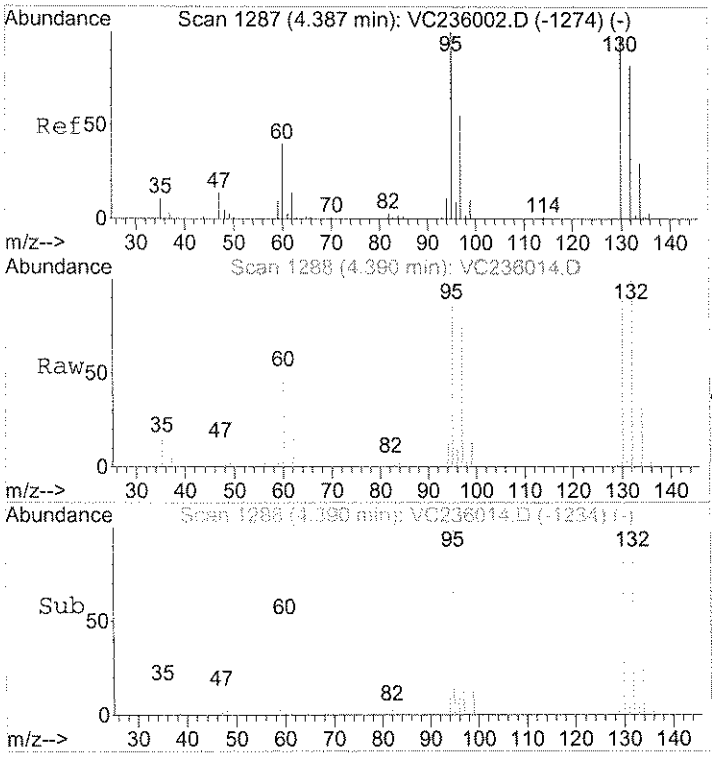


#45
BENZENE
Concen: 0.45 UG/L
RT: 3.73 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 78 Resp: 7038

Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.6	28.0
51	14.7	17.1	25.7#

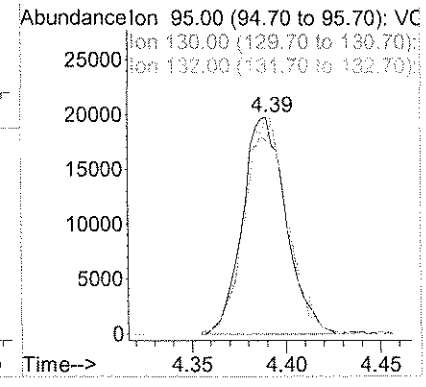


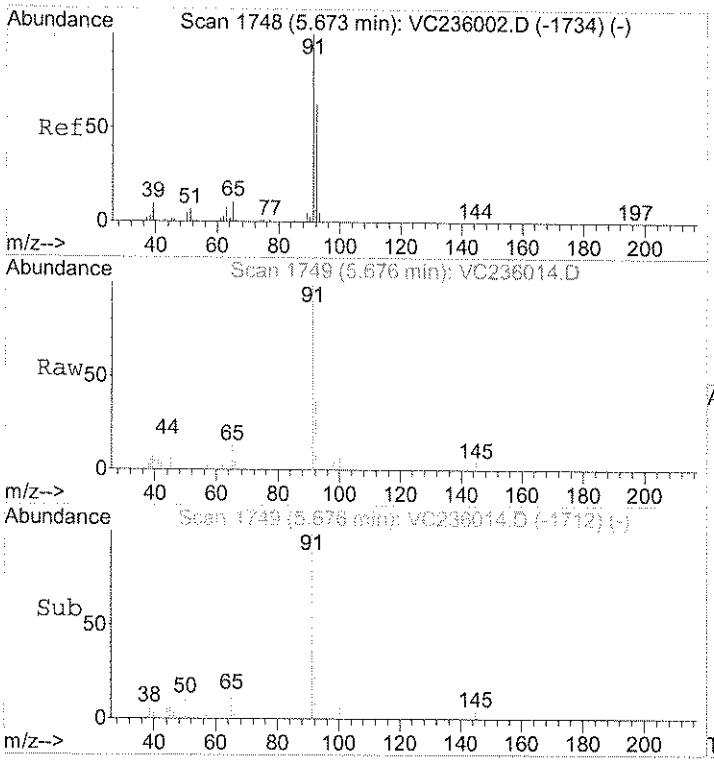


#51
TRICHLOROETHENE
Concen: 7.00 UG/L
RT: 4.39 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 95 Resp: 31711

Ion	Ratio	Lower	Upper
95	100		
130	96.4	77.3	115.9
132	99.8	74.7	112.1

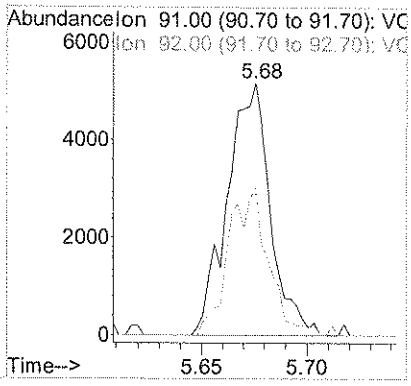


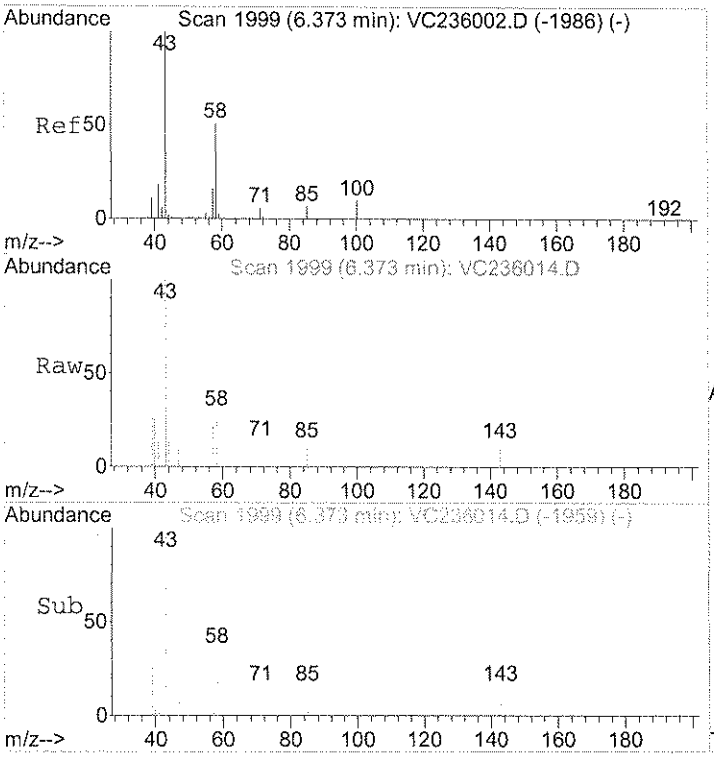


#61
TOLUENE
Concen: 0.42 UG/L
RT: 5.68 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 91 Resp: 7344

Ion	Ratio	Lower	Upper
91	100		
92	24.9	48.2	72.2#

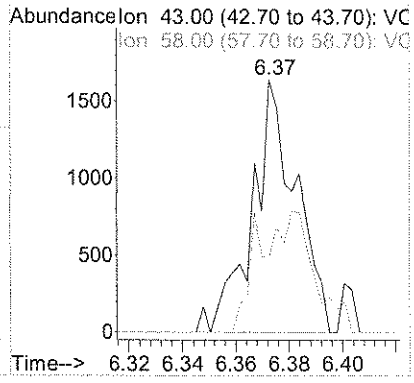


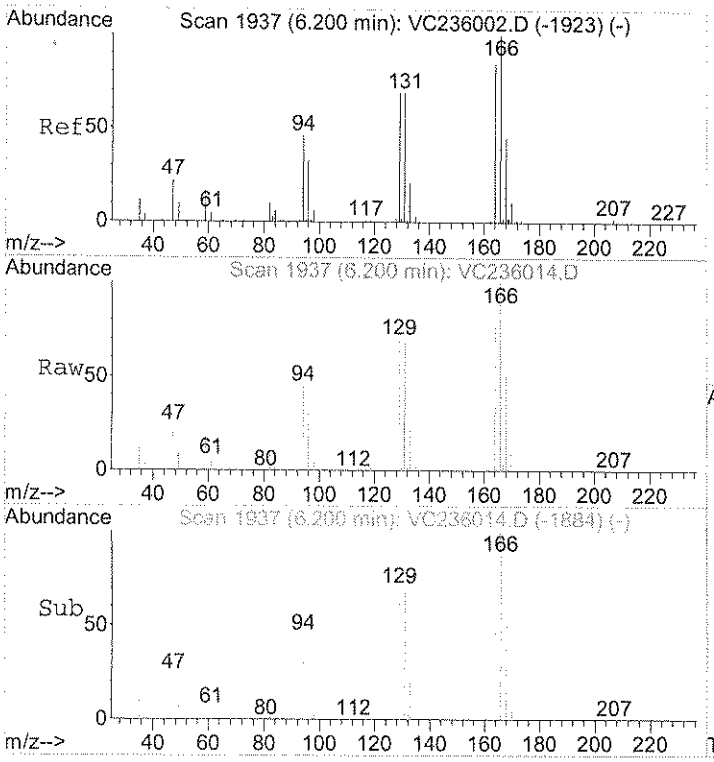


#65
2-HEXANONE
Concen: 0.78 UG/L
RT: 6.37 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion: 43 Resp: 1875

Ion	Ratio	Lower	Upper
43	100		
58	40.2	41.4	62.2#

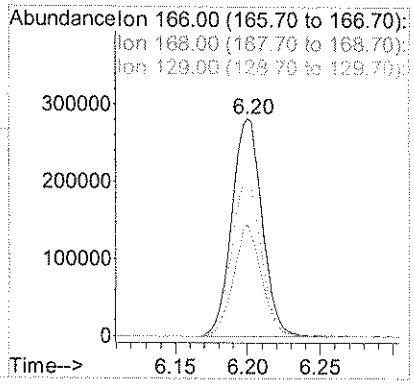


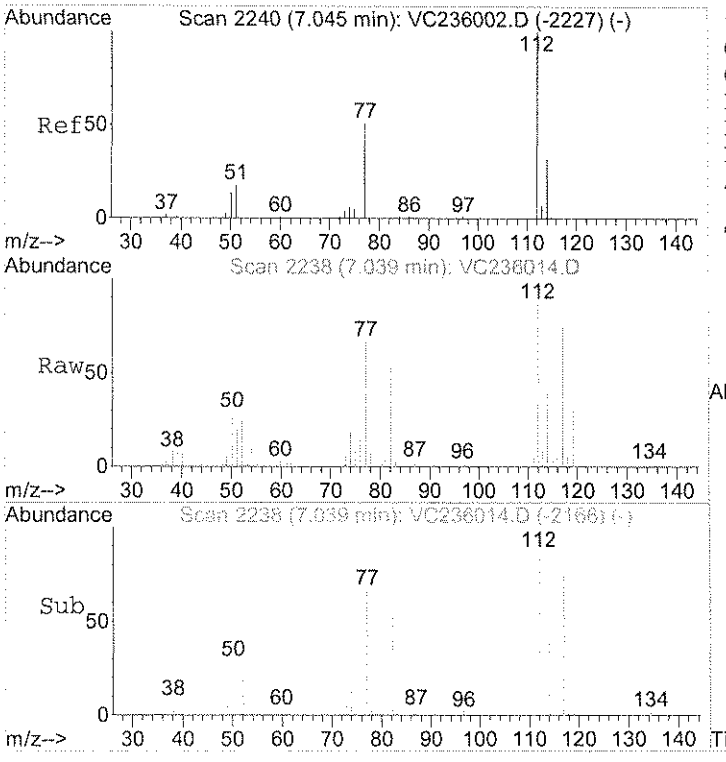


#66
TETRACHLOROETHENE
Concen: 85.61 UG/L
RT: 6.20 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion:166 Resp: 414154

Ion	Ratio	Lower	Upper
166	100		
168	47.4	38.1	57.1
129	70.0	53.6	80.4

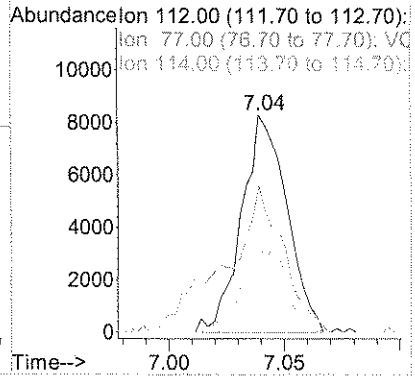




#72
CHLOROBENZENE
Concen: 0.97 UG/L
RT: 7.04 min Scan# 2238
Delta R.T. -0.01 min
Lab File: VC236014.D
Acq: 24 Aug 2011 8:22 pm

Tgt Ion:112 Resp: 11321

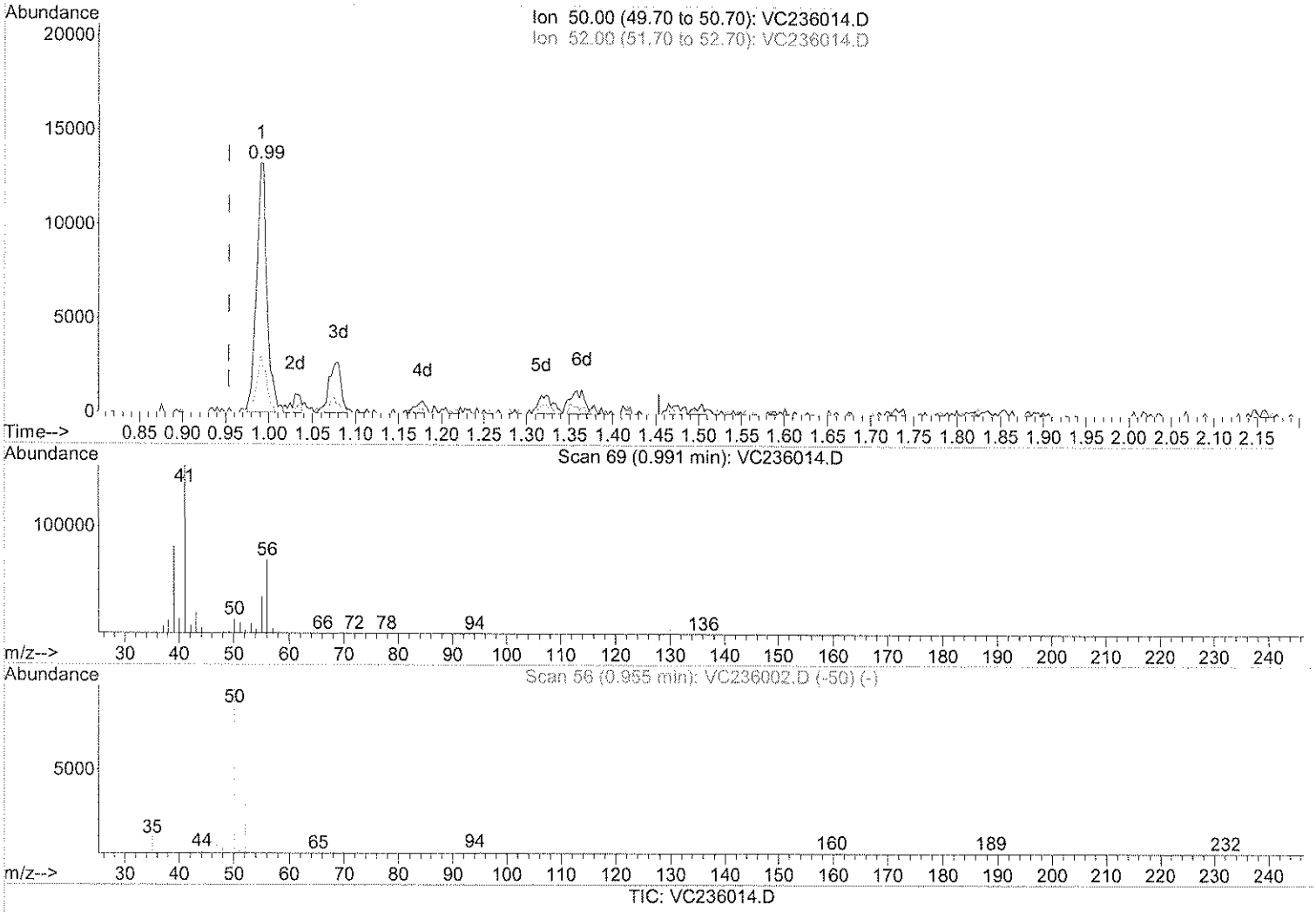
Ion	Ratio	Lower	Upper
112	100		
77	86.0	47.9	71.9#
114	37.6	26.2	39.4



Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236014.D

(5) CHLOROMETHANE (P)

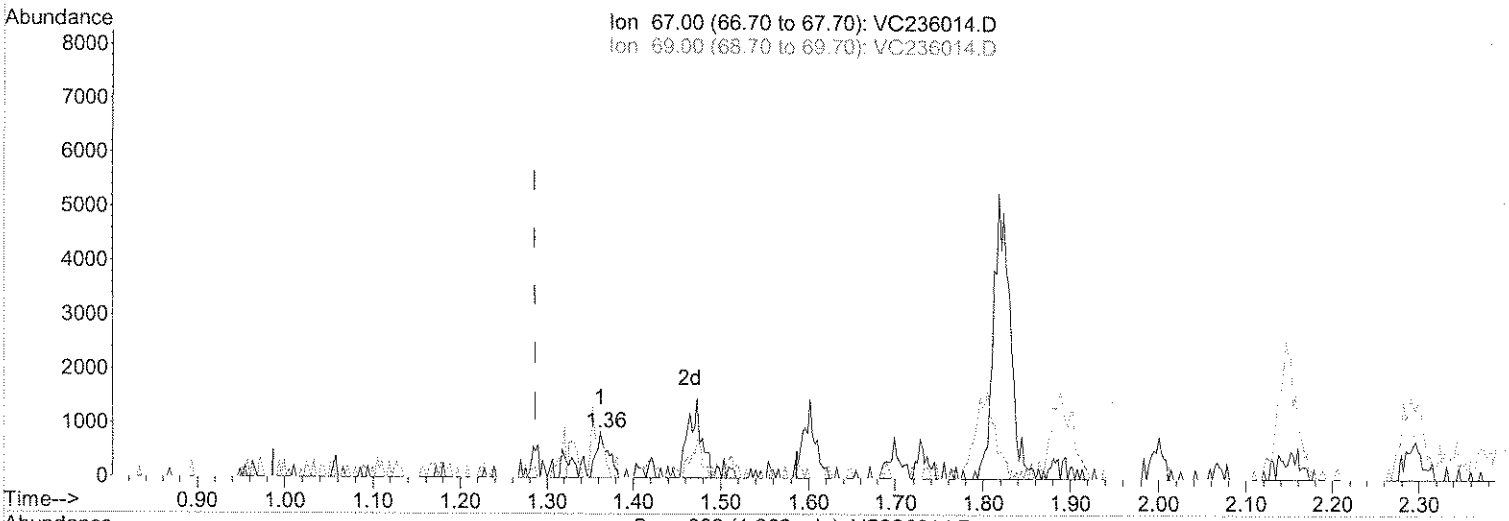
0.991min (+0.037) 2.62UG/L

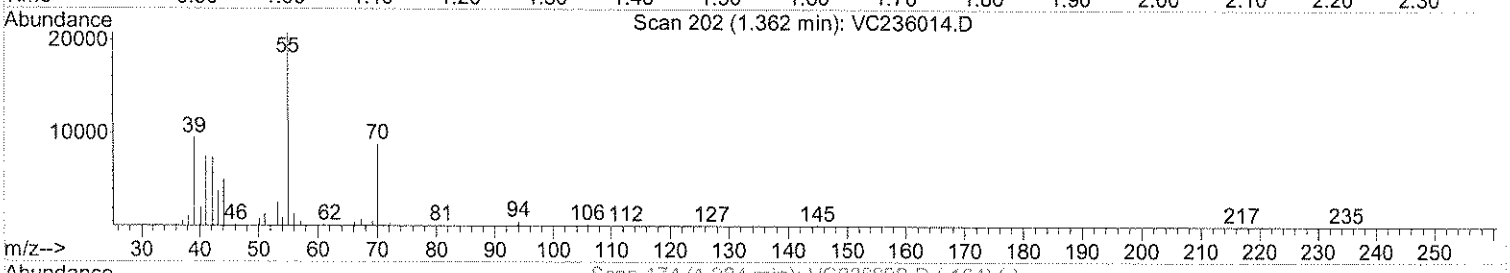
response 11356

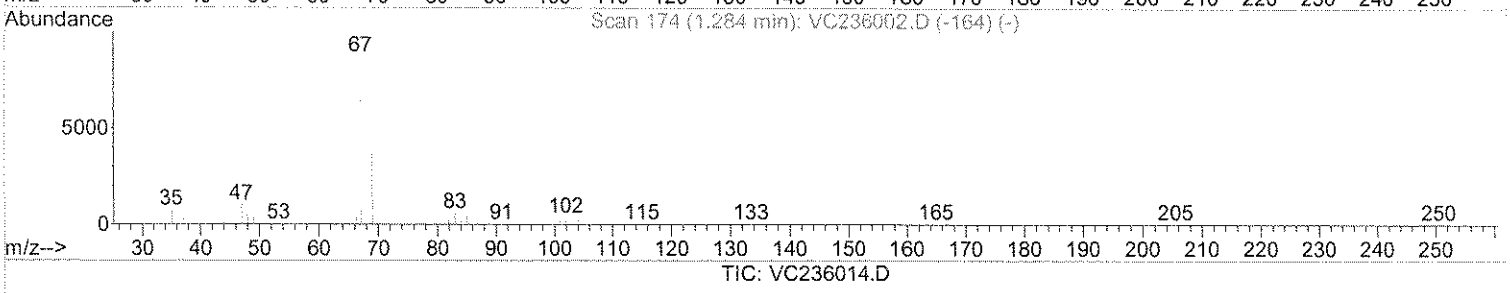
Ion	Exp%	Act%
50.00	100	100
52.00	32.60	20.86#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236014.D

(9) FLUORODICHLOROMETHANE

1.362min (+0.075) 0.12UG/L

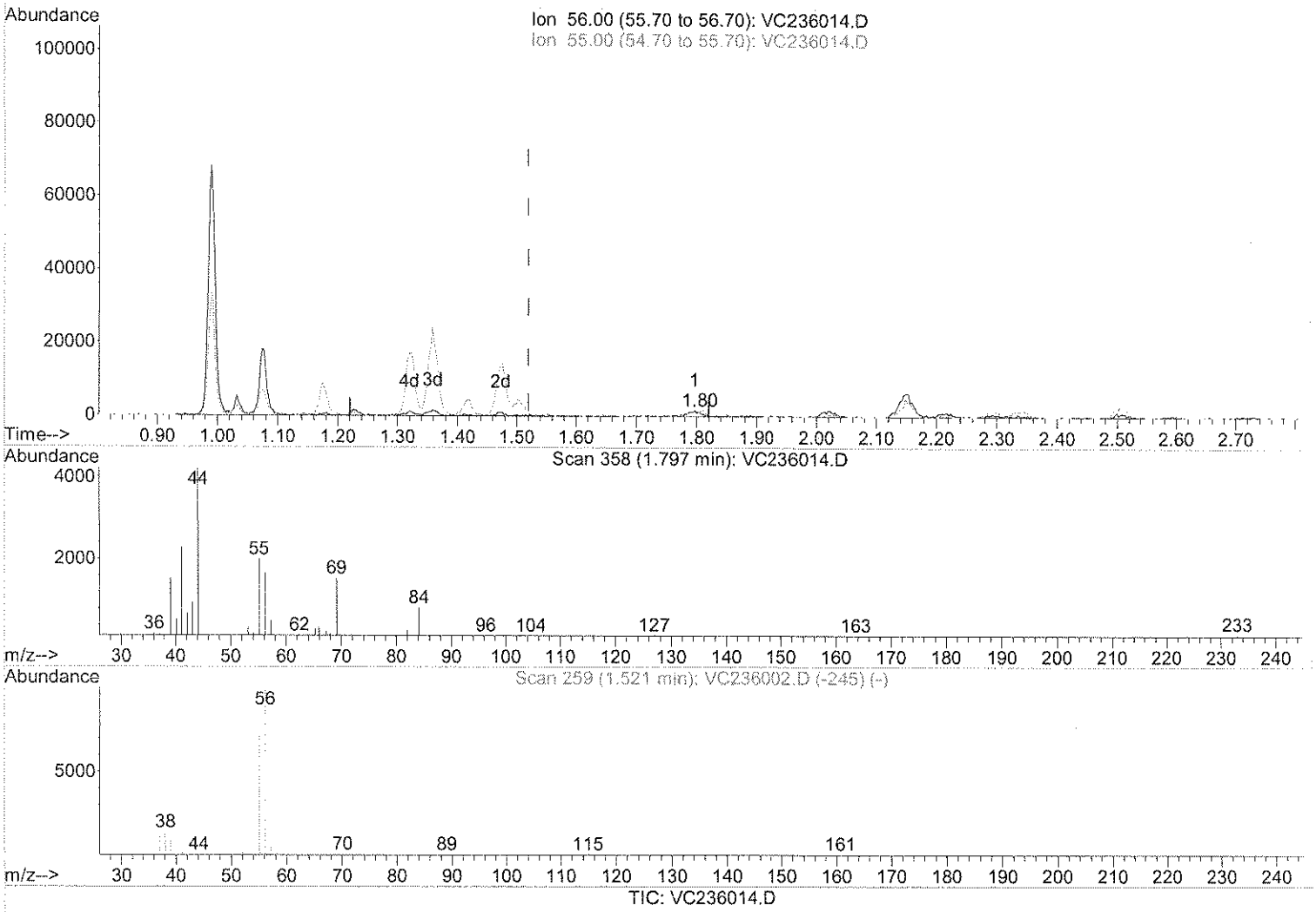
response 829

Ion	Exp%	Act%
67.00	100	100
69.00	32.30	110.86#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



(13) ACROLEIN

1.797min (+0.276) 6.97UG/L

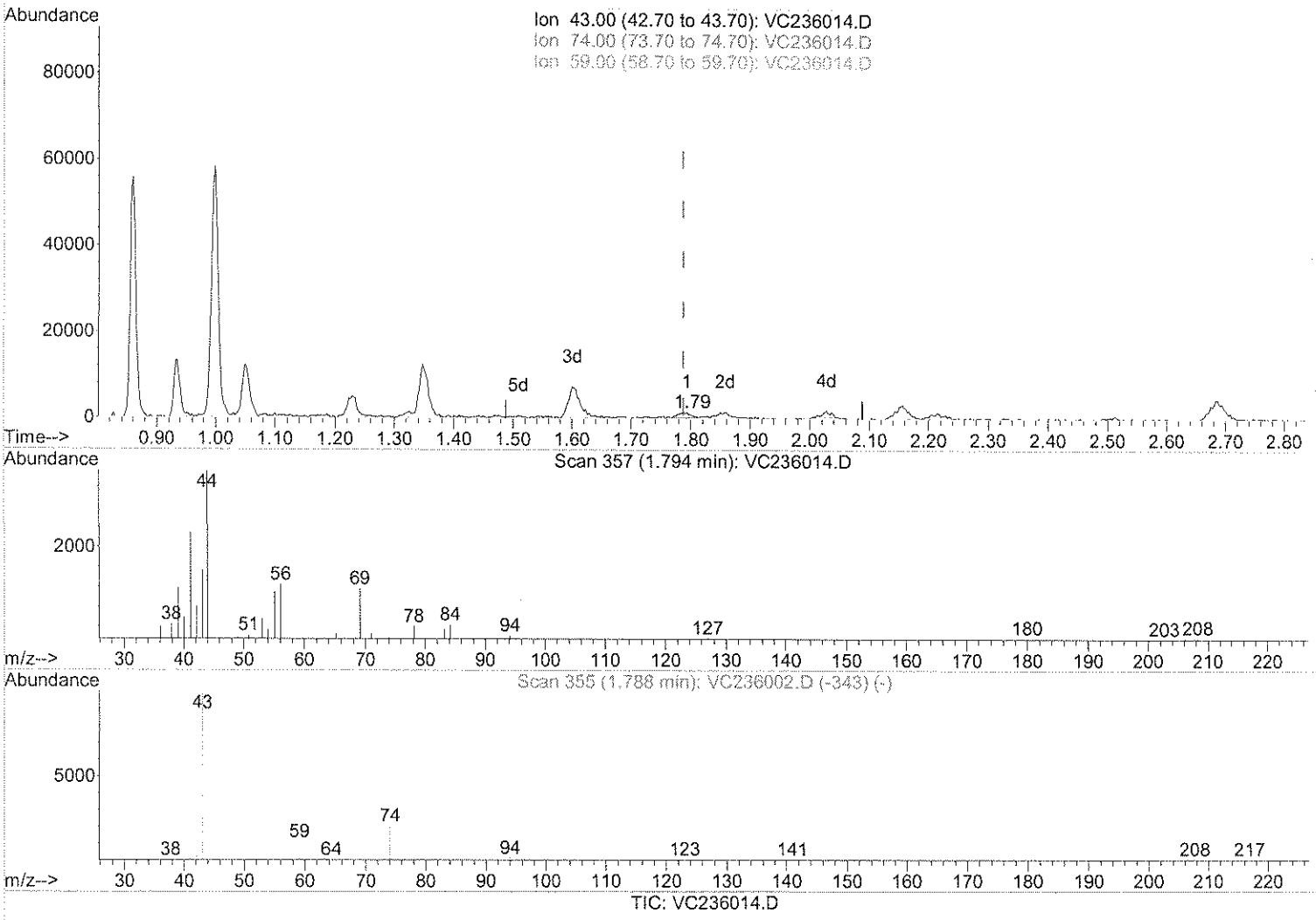
response 2377

Ion	Exp%	Act%
56.00	100	100
55.00	75.70	65.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



(20) METHYL ACETATE

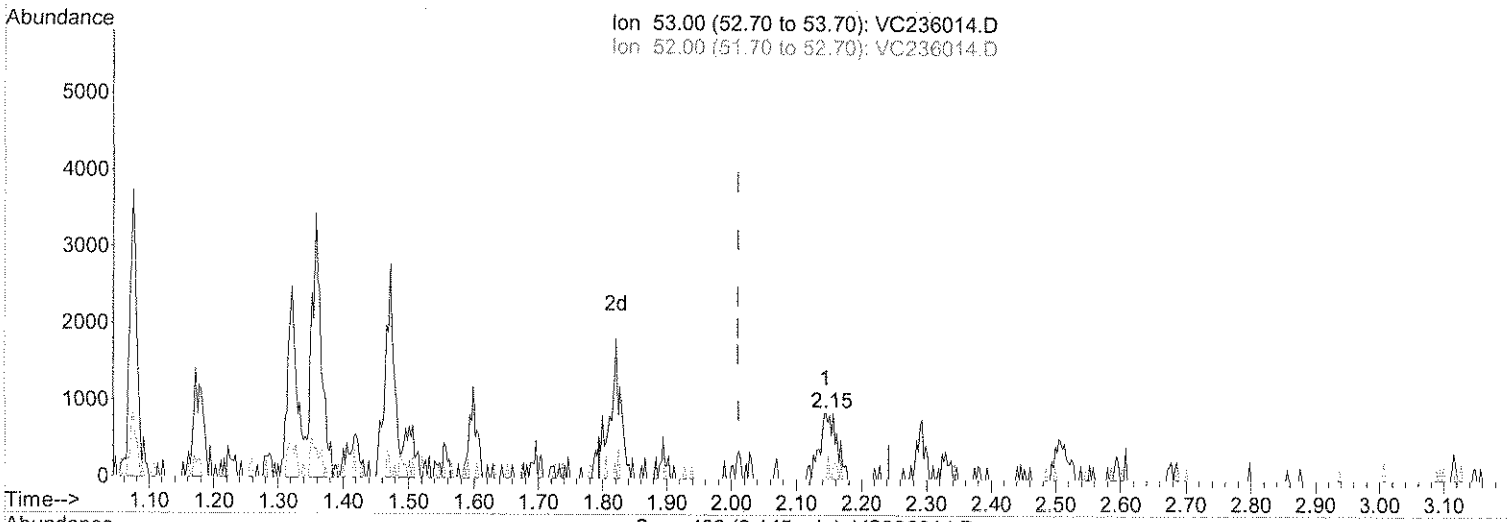
1.794min (+0.006) 0.34UG/L

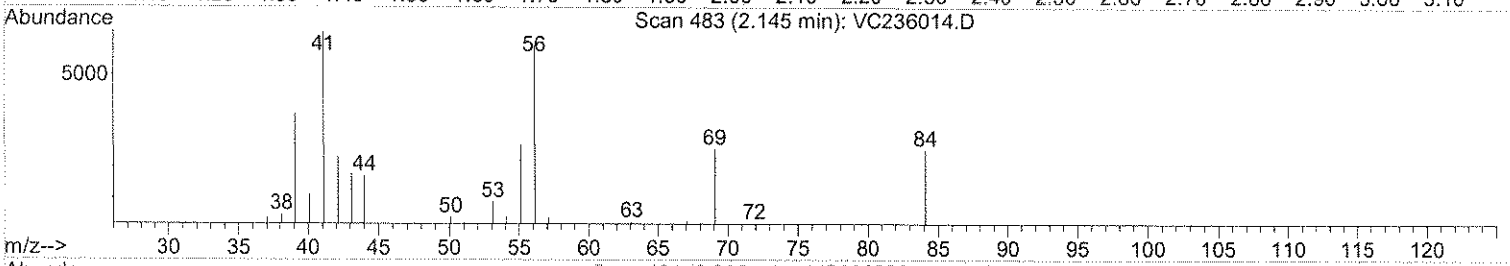
response 1681

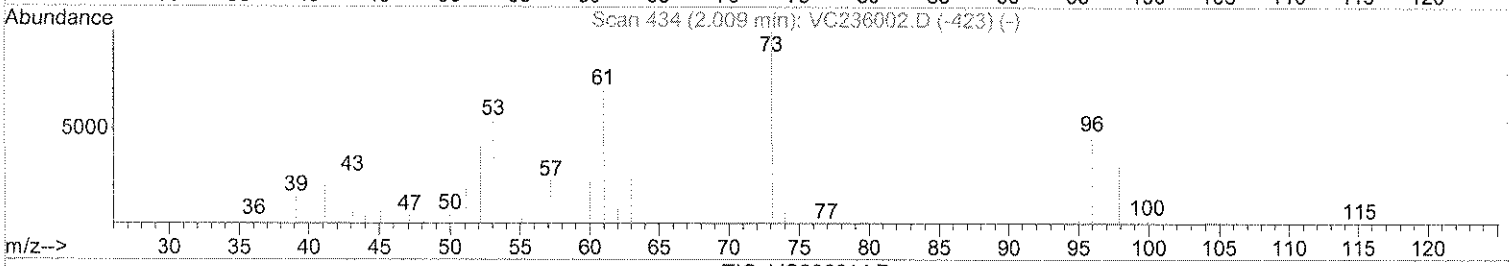
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236014.D

(22) ACRYLONITRILE

2.145min (+0.134) 1.14UG/L

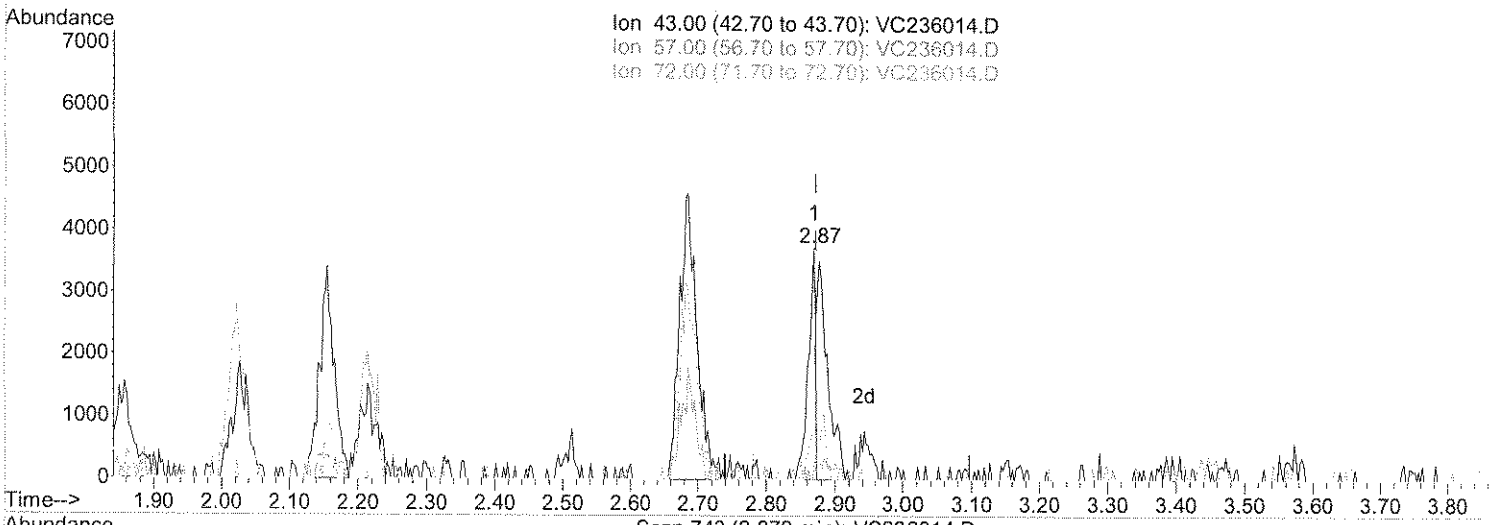
response 1615

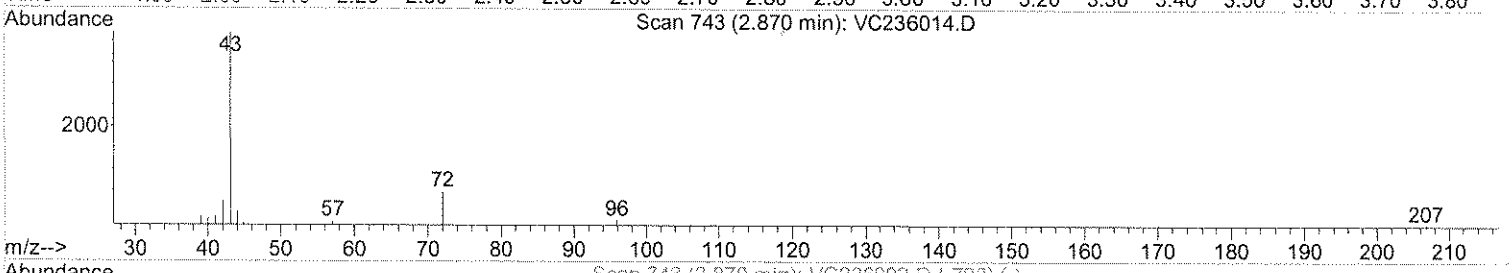
Ion	Exp%	Act%
53.00	100	100
52.00	80.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

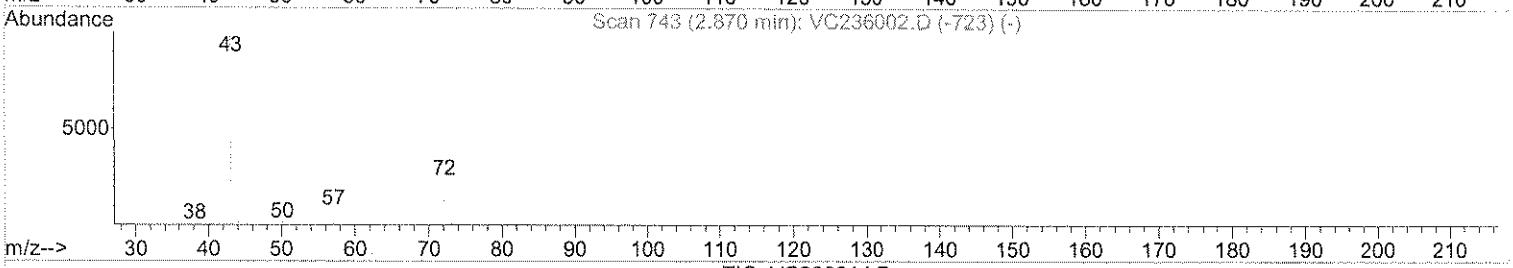
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236014.D

(31) 2-BUTANONE

2.870min (-0.003) 1.77UG/L

response 2799

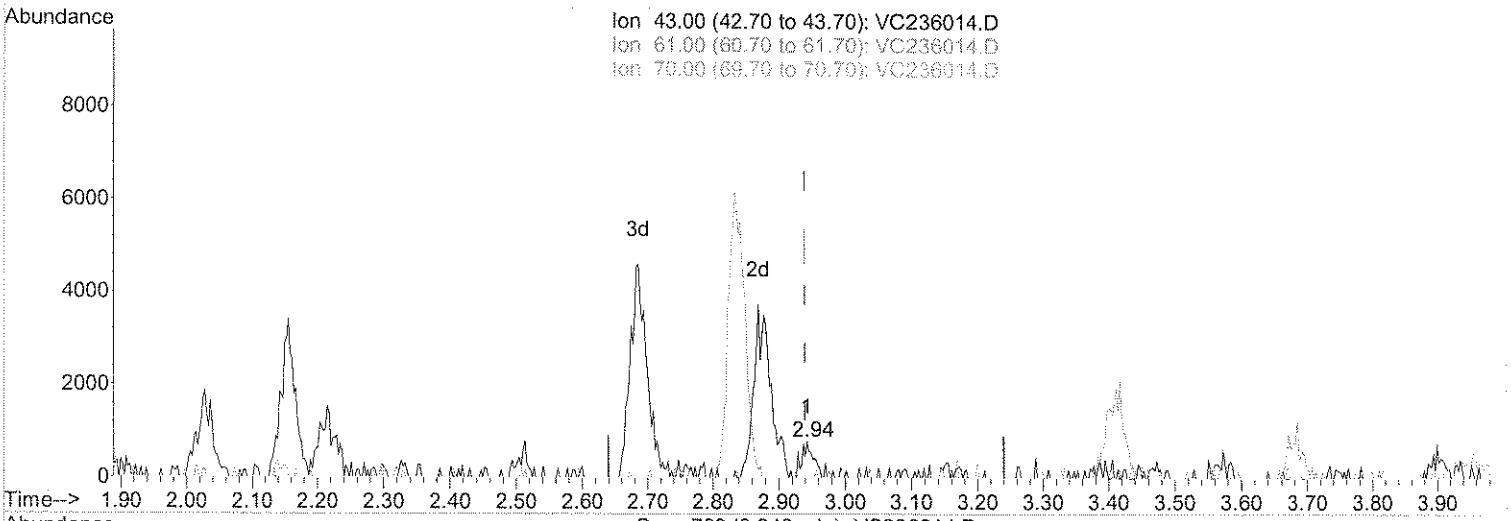
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00#
72.00	23.60	32.55#
0.00	0.00	0.00

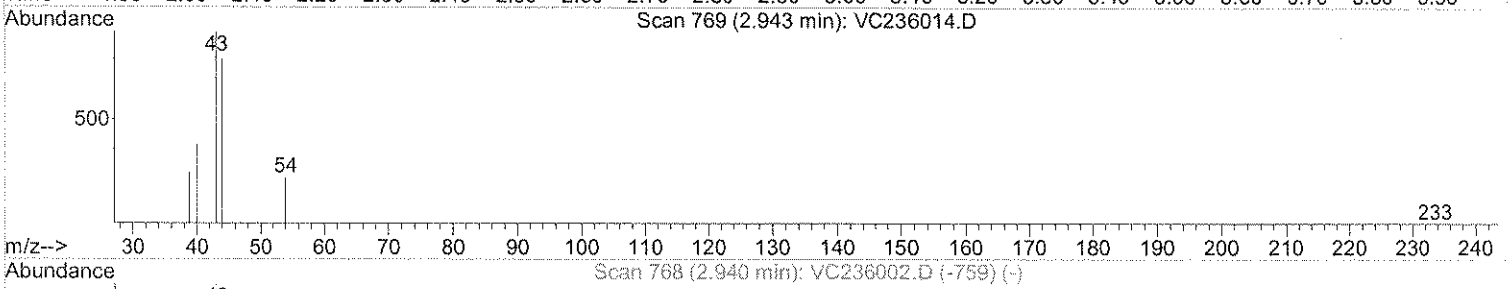
3

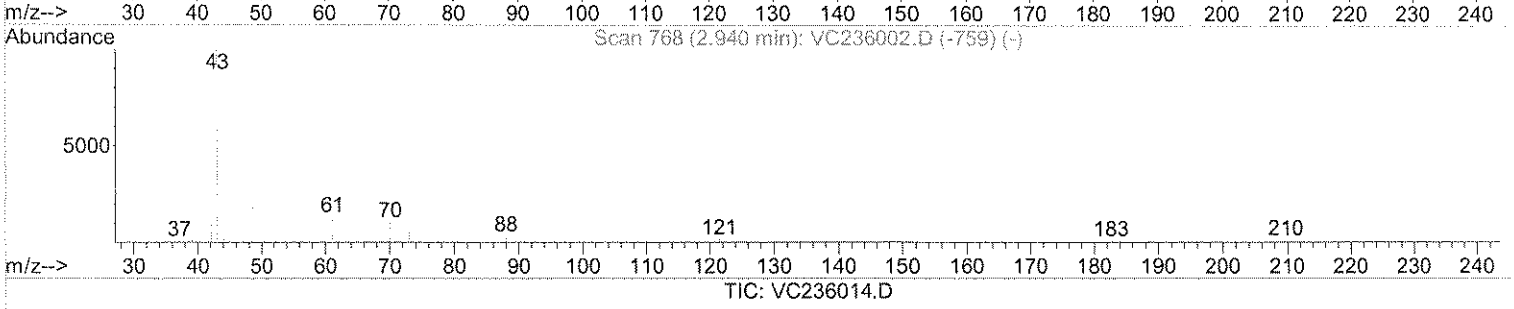
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236014.D

(35) ETHYL ACETATE

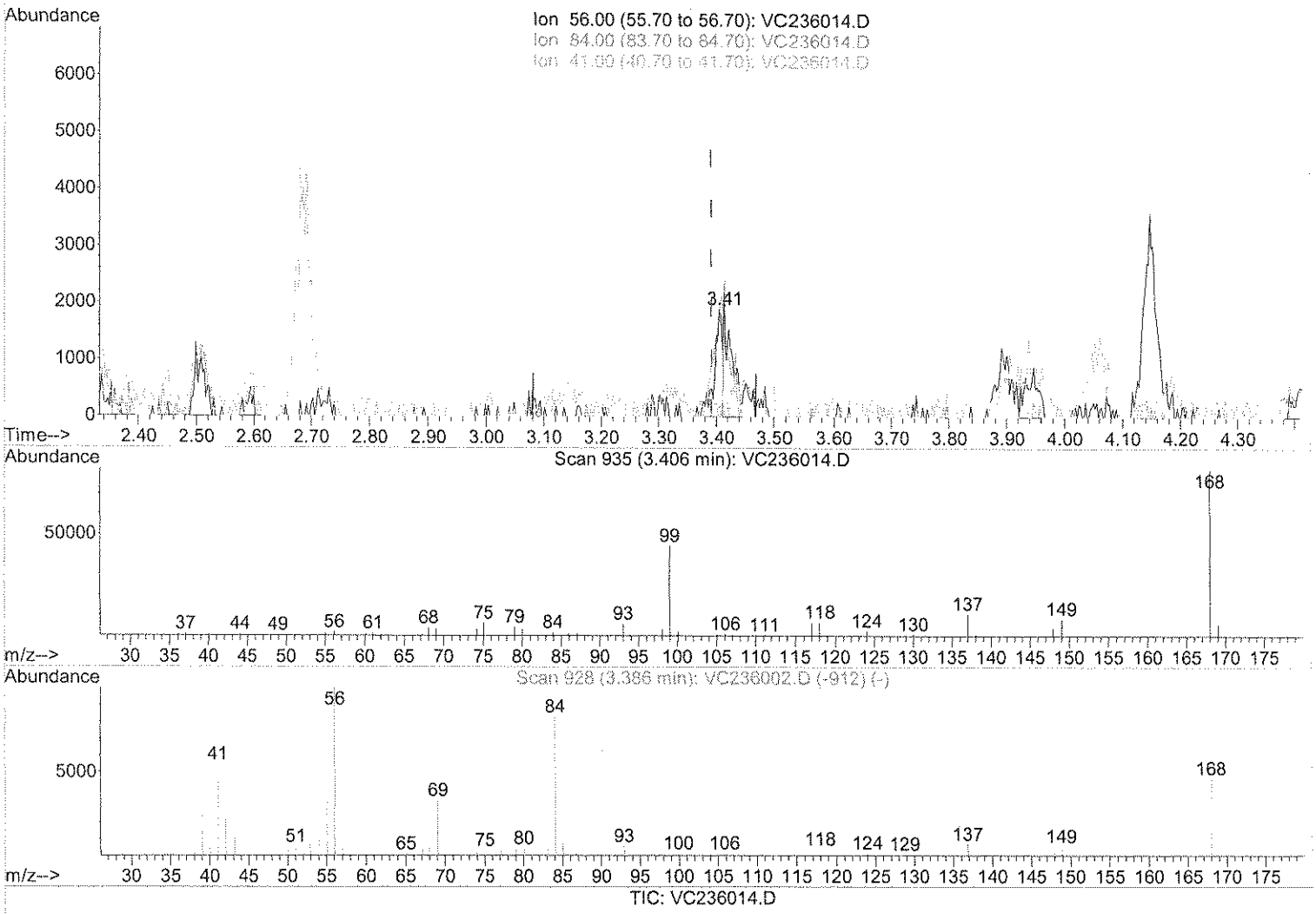
2.943min (+0.003) 0.23UG/L

response 974

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236014.D

(42) CYCLOHEXANE

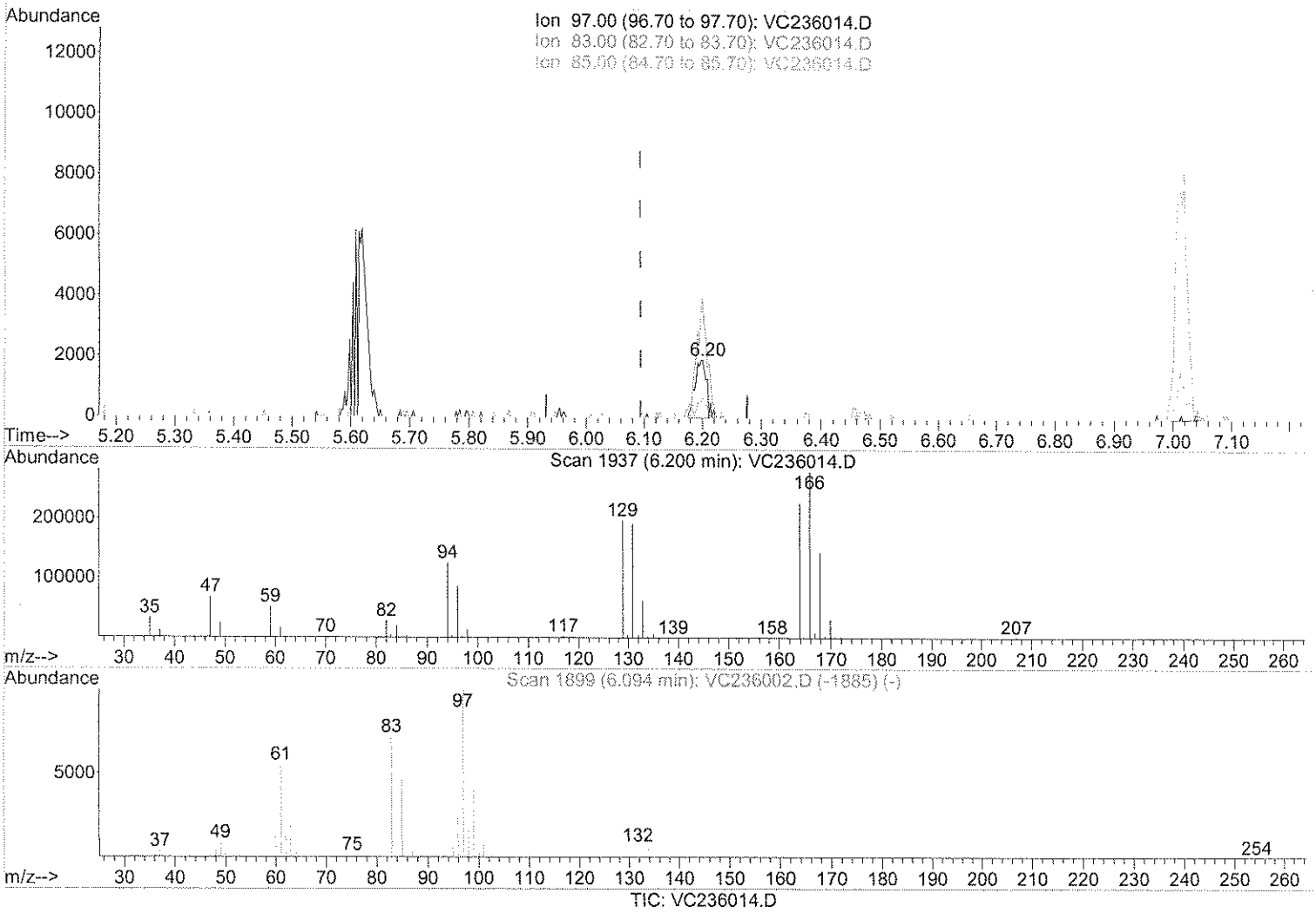
3.406min (+0.014) 0.31UG/L

response 1842

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	186.05#
41.00	62.90	34.85#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236014.D

(64) 1,1,2-TRICHLOROETHANE

6.200min (+0.106) 0.70UG/L

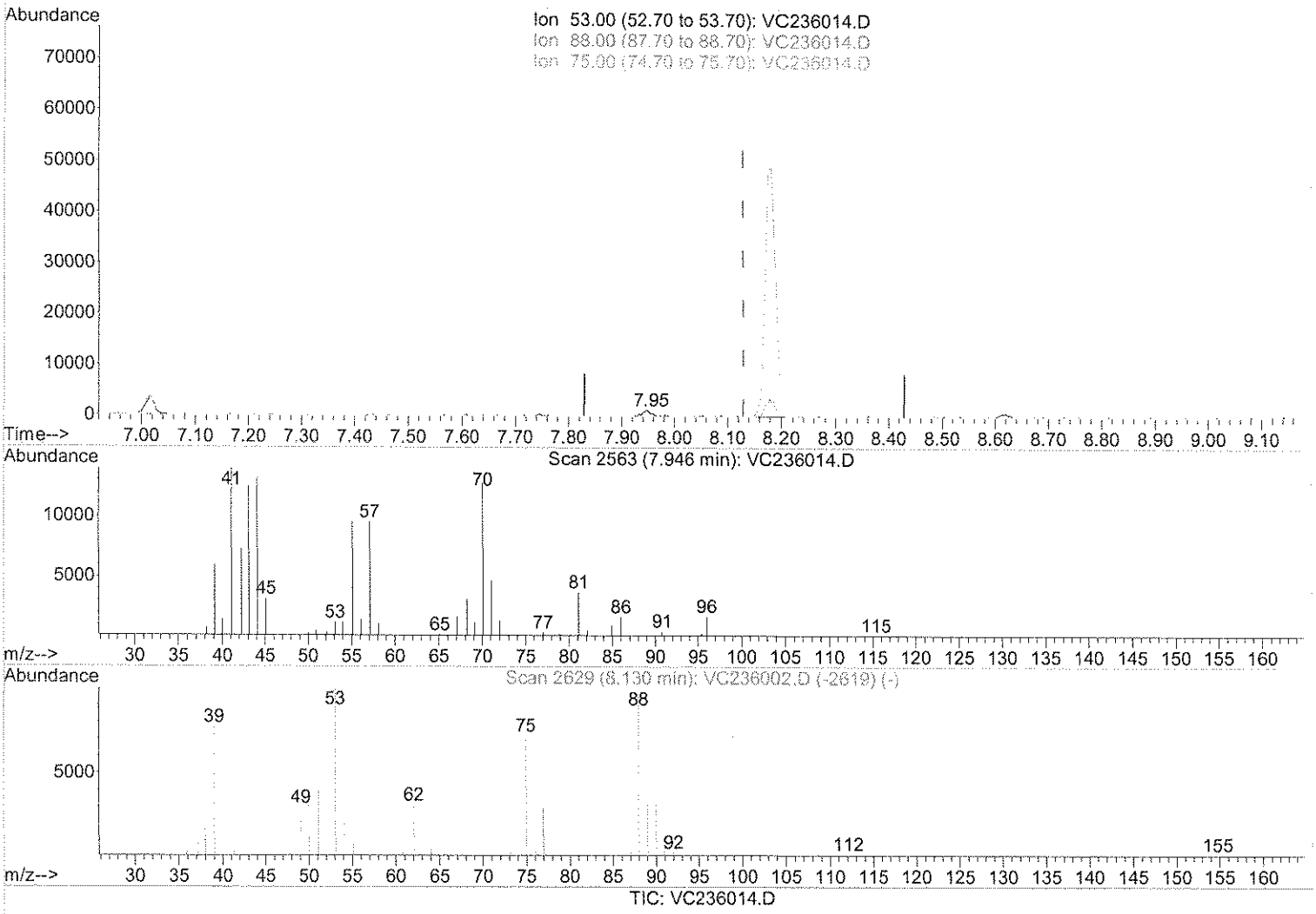
response 2672

Ion	Exp%	Act%
97.00	100	100
83.00	85.10	192.14#
85.00	53.70	25.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236014.D

(80) CIS-1,4-DICHLORO-2-BUTENE

7.946min (-0.183) 1.17UG/L

response 1484

Ion	Exp%	Act%
53.00	100	100
88.00	127.40	0.00#
75.00	99.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236014.D
Acq On : 24 Aug 2011 8:22 pm
Operator :
Sample : 11H0909-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 25 07:34:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
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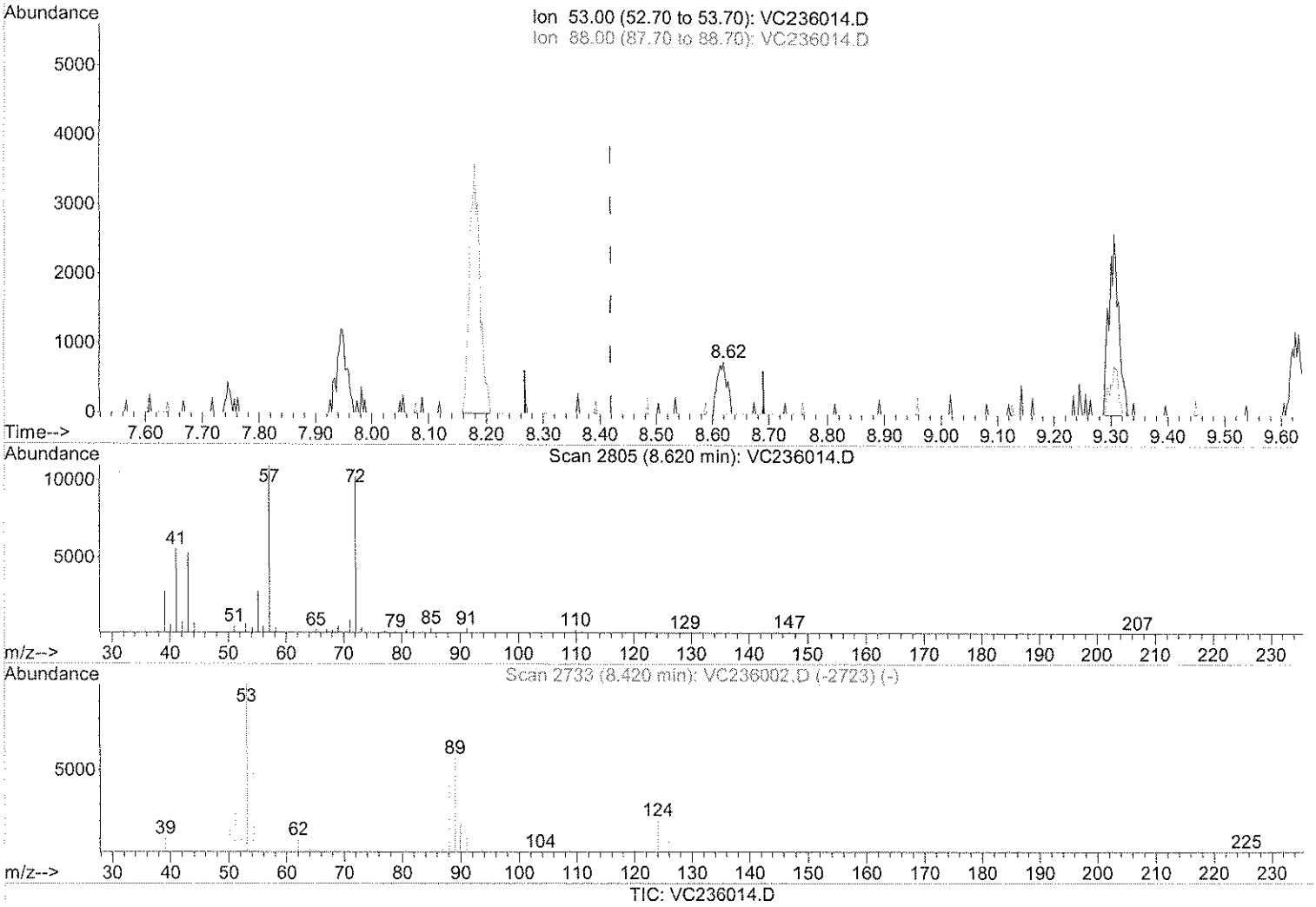

TIC: VC236014.D

(82) 1,4-DICHLORO-2-BUTENE(TRANS)

8.620min (+0.201) 0.66UG/L

response 924

Ion	Exp%	Act%
53.00	100	100
88.00	58.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-05	File ID:	VC236015.D
Sampled:	08/19/11 12:00	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 20:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-05	File ID:	VC236015.D
Sampled:	08/19/11 12:00	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 20:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	4.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-05	File ID:	VC236015.D
Sampled:	08/19/11 12:00	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 20:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	18	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	2.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-05	File ID:	VC236015.D
Sampled:	08/19/11 12:00	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 20:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc
ALS Vial : 34 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

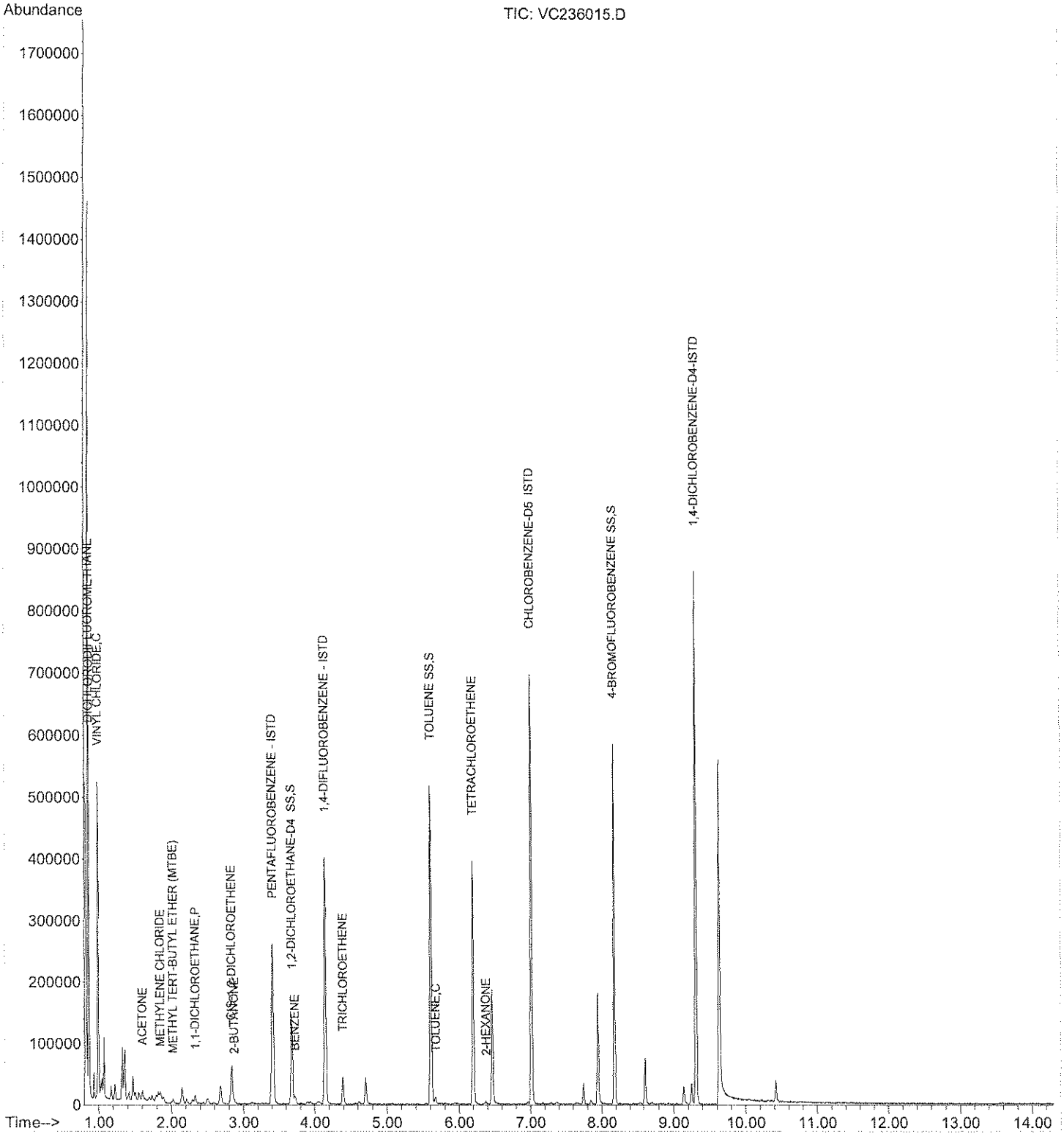
Quant Time: Aug 25 10:52:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

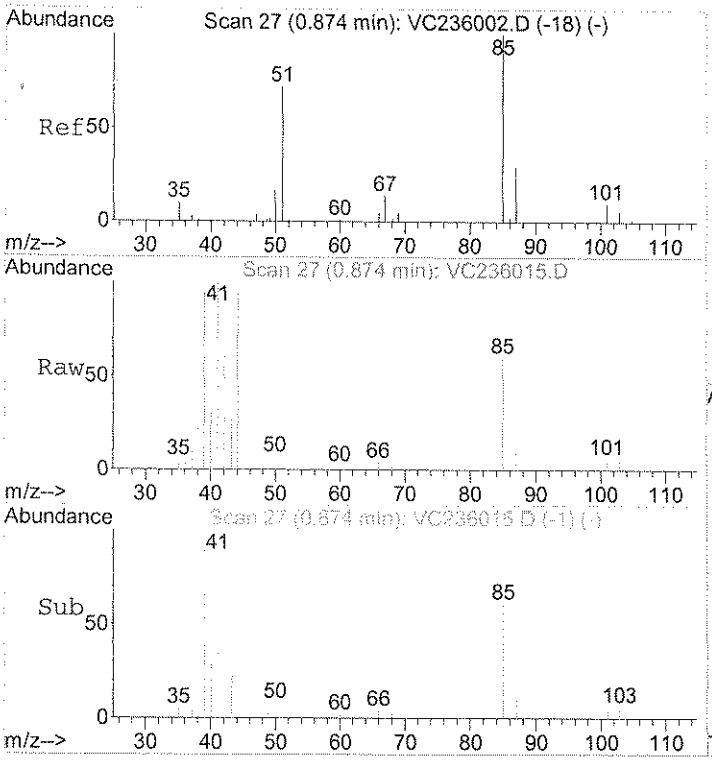
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	178089	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	287753	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	182327	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	189770	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	97674	25.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.68%				
49) TOLUENE SS	5.61	98	288047	25.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.24%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	147431	24.57	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.28%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	6133	1.06	UG/L		99
6) VINYL CHLORIDE	1.00	62	1453	0.31	UG/L	#	71
11) ETHANOL	1.64	45	643	Below Cal		#	1
14) ACETONE	1.61	43	13420	14.02	UG/L		99
23) METHYLENE CHLORIDE	1.85	49	4541	0.89	UG/L		99
25) METHYL TERT-BUTYL ETHER (M	2.03	73	2679m	0.21	UG/L		
27) 1,1-DICHLOROETHANE	2.32	63	7643m	0.97	UG/L		
31) 2-BUTANONE	2.88	43	7625	4.54	UG/L	#	92
33) CIS-1,2-DICHLOROETHENE	2.84	61	31184	4.24	UG/L		89
45) BENZENE	3.72	78	9867	0.59	UG/L	#	93
51) TRICHLOROETHENE	4.39	95	12707	2.55	UG/L		96
61) TOLUENE	5.68	91	6509	0.34	UG/L		100
65) 2-HEXANONE	6.38	43	2573	0.97	UG/L	#	63
66) TETRACHLOROETHENE	6.20	166	97417	18.31	UG/L		98

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

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 10:52:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

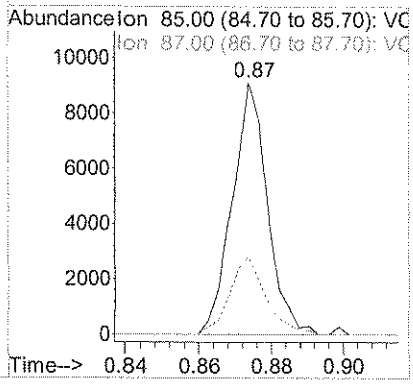


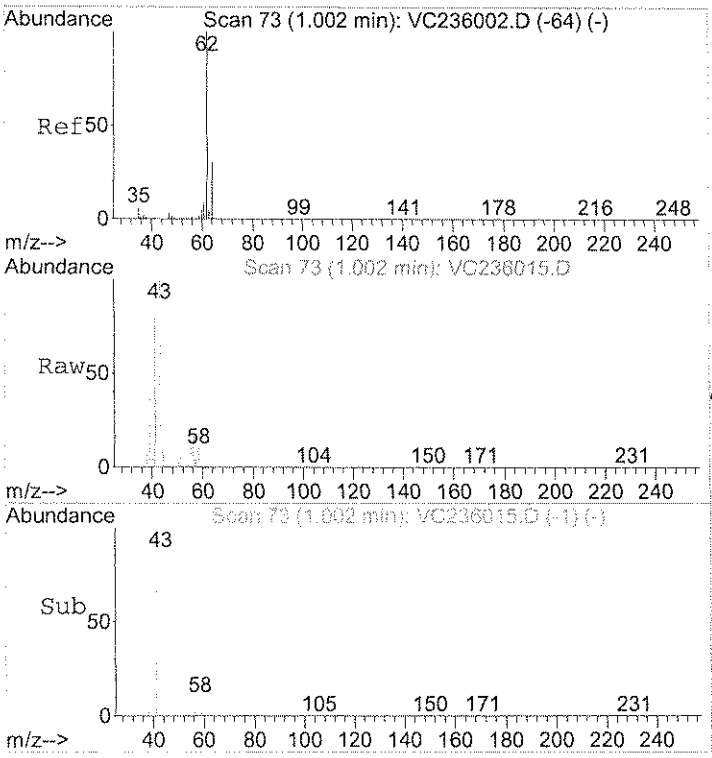


#3
DICHLORODIFLUOROMETHANE
Concen: 1.06 UG/L
RT: 0.87 min Scan# 27
Delta R.T. 0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 85 Resp: 6133

Ion	Ratio	Lower	Upper
85	100		
87	32.0	26.2	39.4

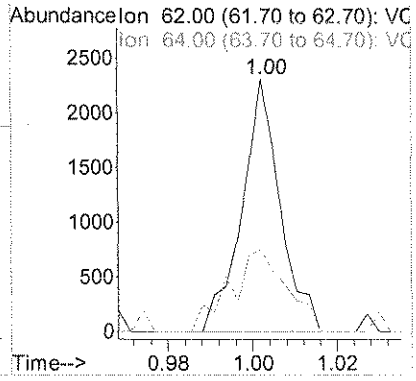


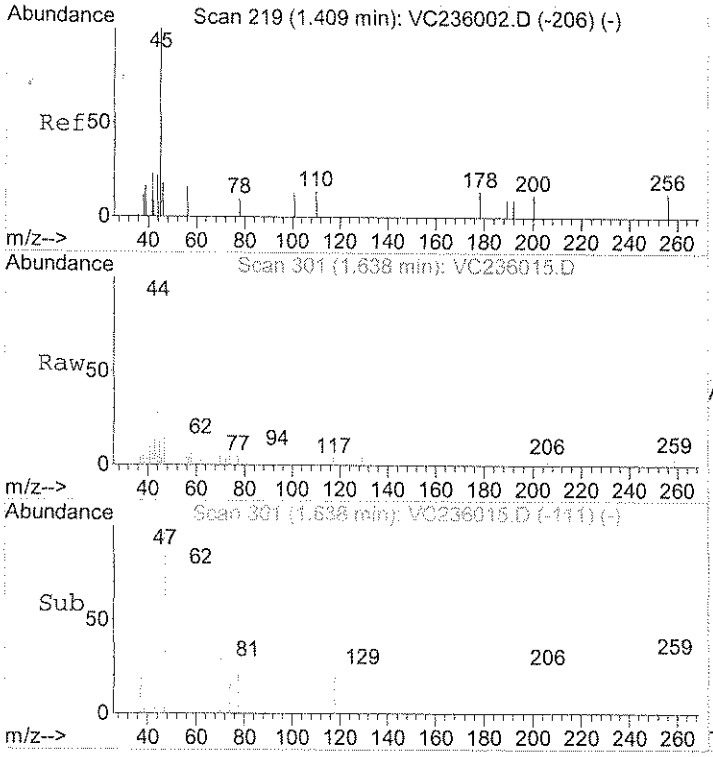


#6
VINYL CHLORIDE
Concen: 0.31 UG/L
RT: 1.00 min Scan# 73
Delta R.T. 0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 62 Resp: 1453

Ion	Ratio	Lower	Upper
62	100		
64	48.2	25.6	38.4#

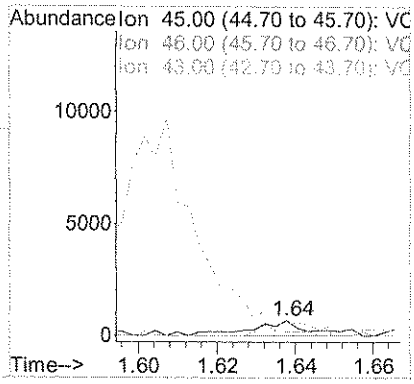


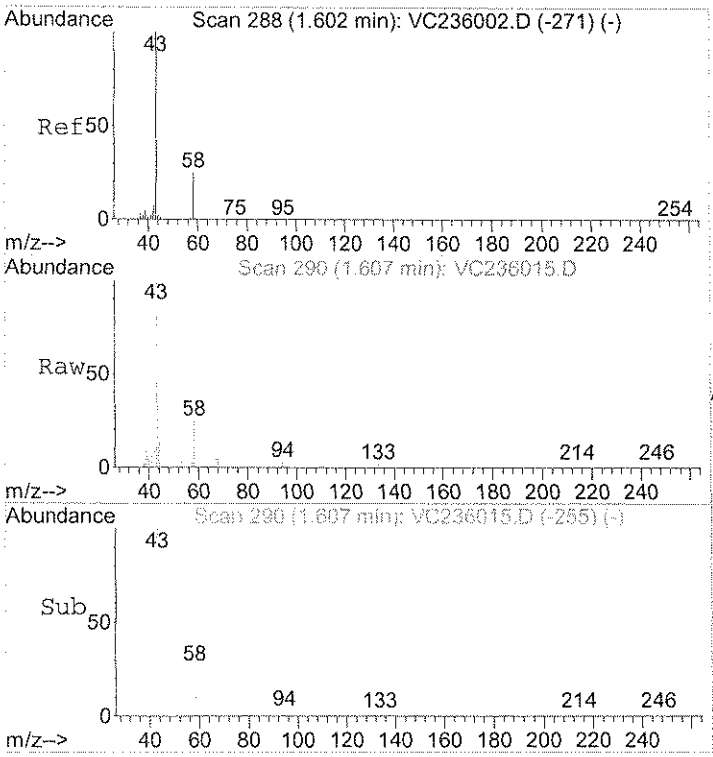


#11
ETHANOL
Concen: Below Cal
RT: 1.64 min Scan# 301
Delta R.T. 0.23 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 45 Resp: 643

Ion	Ratio	Lower	Upper
45	100		
46	0.0	30.7	46.1#
43	2087.1	17.5	26.3#

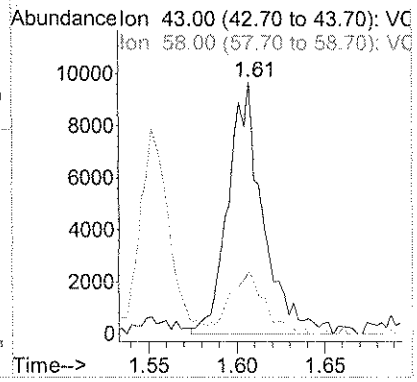


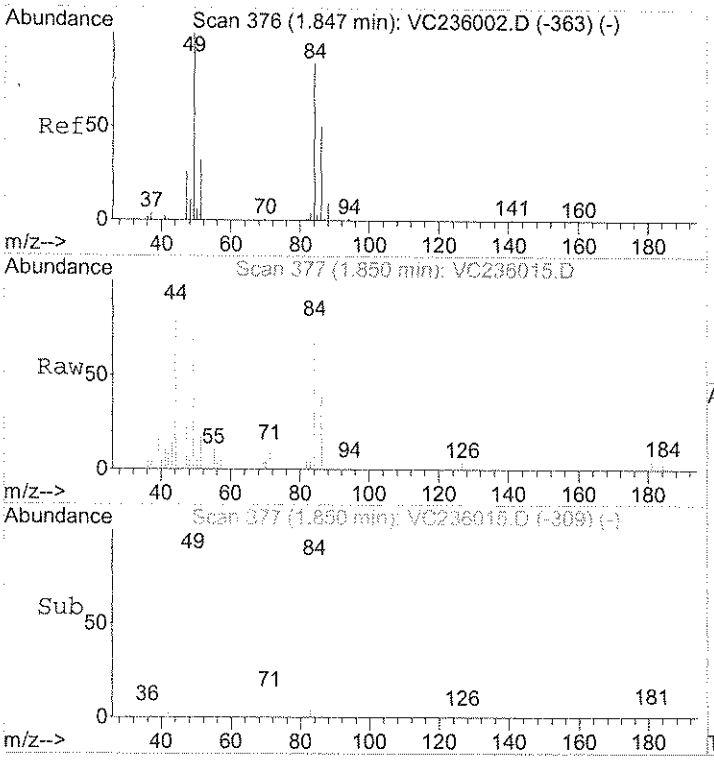


#14
ACETONE
Concen: 14.02 UG/L
RT: 1.61 min Scan# 290
Delta R.T. 0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 43 Resp: 13420

Ion	Ratio	Lower	Upper
43	100		
58	24.7	20.2	30.2

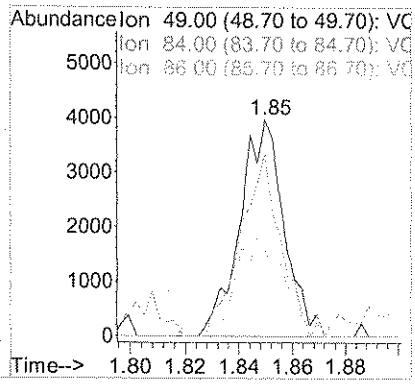


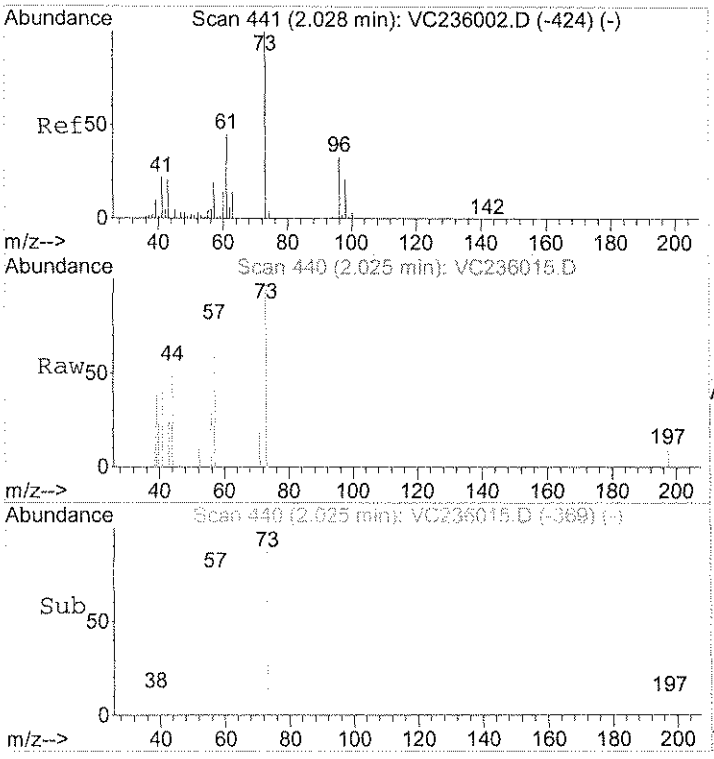


#23
METHYLENE CHLORIDE
Concen: 0.89 UG/L
RT: 1.85 min Scan# 377
Delta R.T. 0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 49 Resp: 4541

Ion	Ratio	Lower	Upper
49	100		
84	77.8	63.0	94.6
86	49.7	39.1	58.7

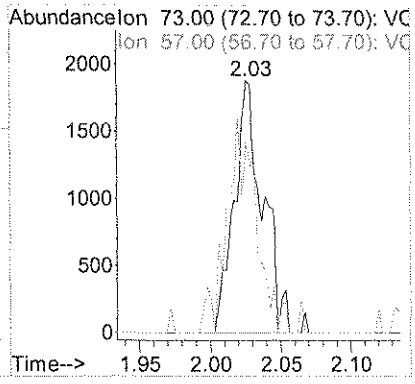


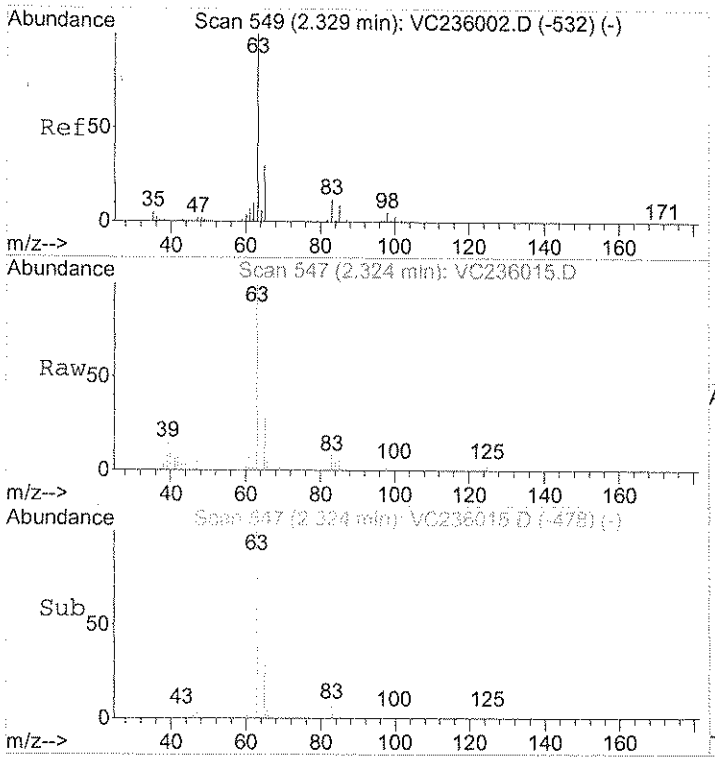


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.21 UG/L m
RT: 2.03 min Scan# 440
Delta R.T. -0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 73 Resp: 2679

Ion	Ratio	Lower	Upper
73	100		
57	42.6	15.8	23.8#

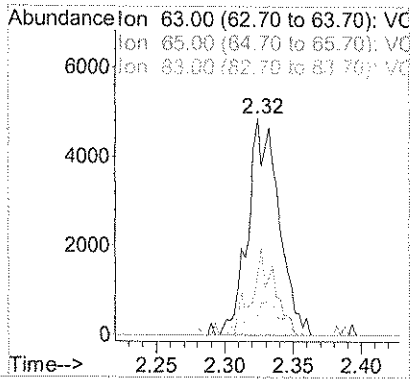


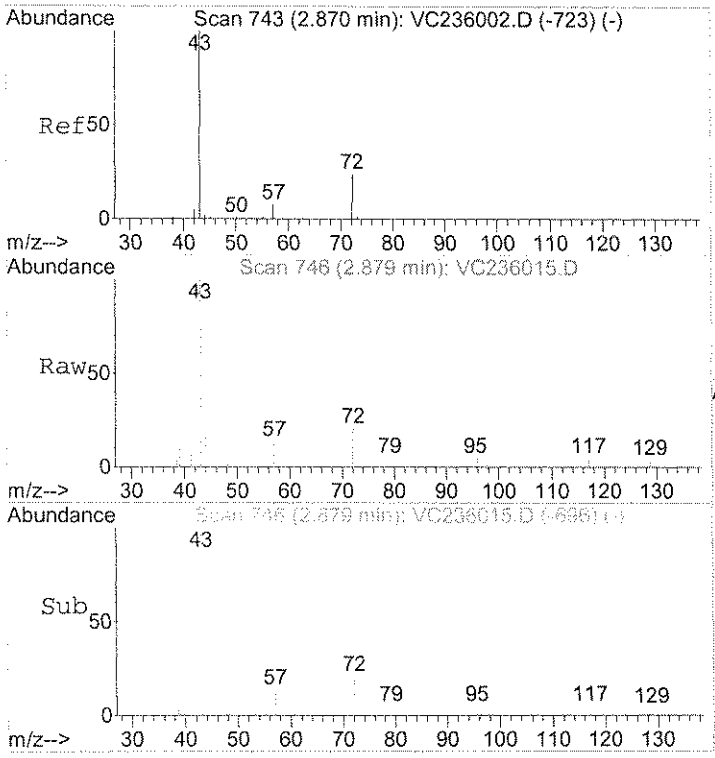


#27
1,1-DICHLOROETHANE
Concen: 0.97 UG/L m
RT: 2.32 min Scan# 547
Delta R.T. -0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 63 Resp: 7643

Ion	Ratio	Lower	Upper
63	100		
65	23.8	25.2	37.8#
83	13.8	11.3	16.9

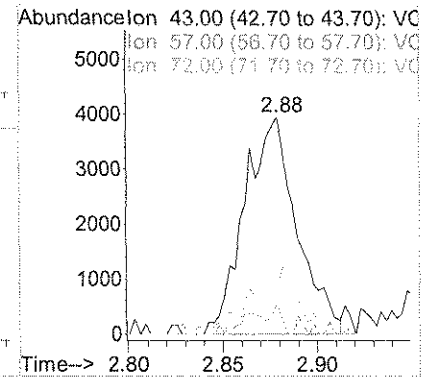


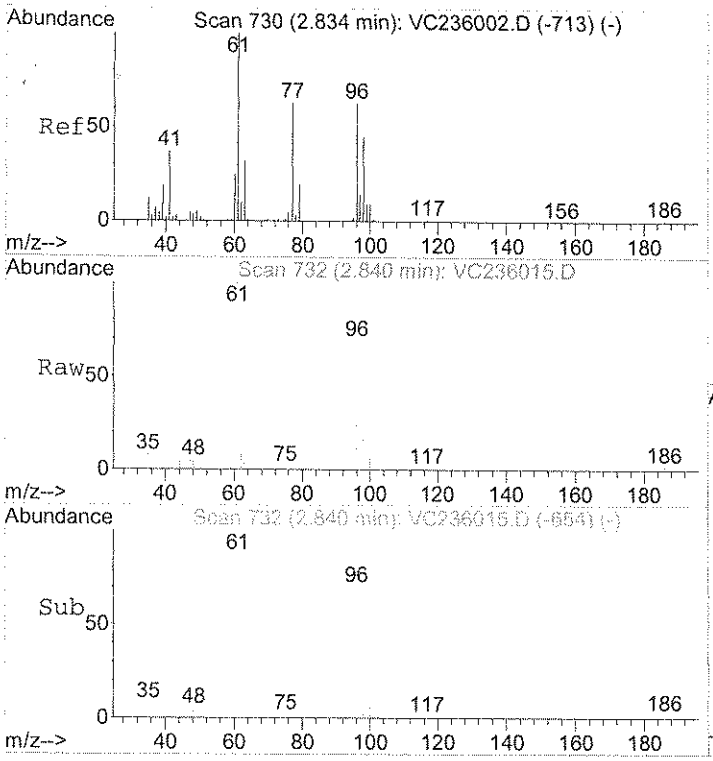


#31
2-BUTANONE
Concen: 4.54 UG/L
RT: 2.88 min Scan# 746
Delta R.T. 0.01 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 43 Resp: 7625

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	25.5	18.9	28.3

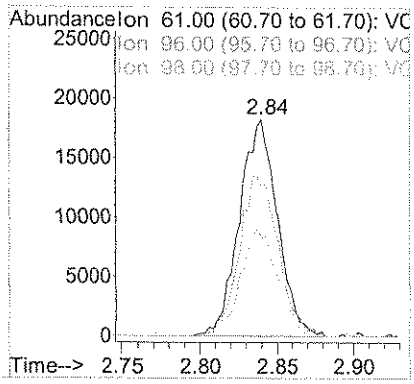


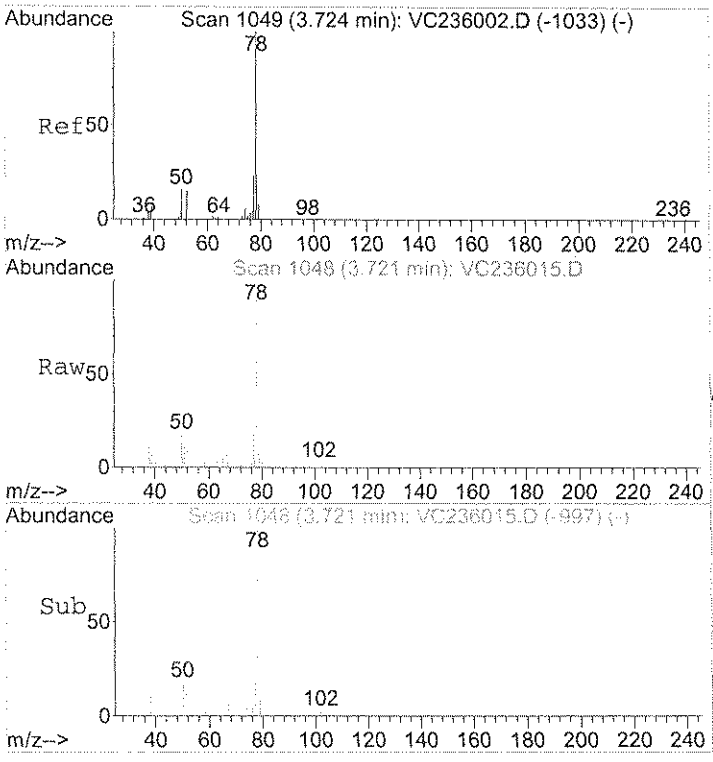


#33
CIS-1,2-DICHLOROETHENE
Concen: 4.24 UG/L
RT: 2.84 min Scan# 732
Delta R.T. 0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 61 Resp: 31184

Ion	Ratio	Lower	Upper
61	100		
96	75.3	53.0	79.6
98	49.0	33.9	50.9

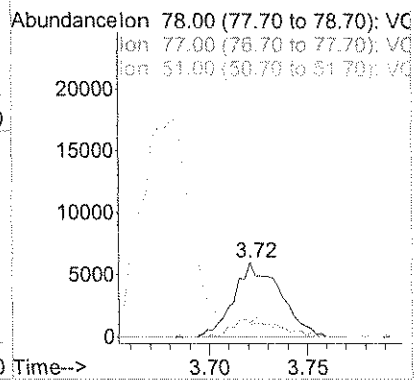


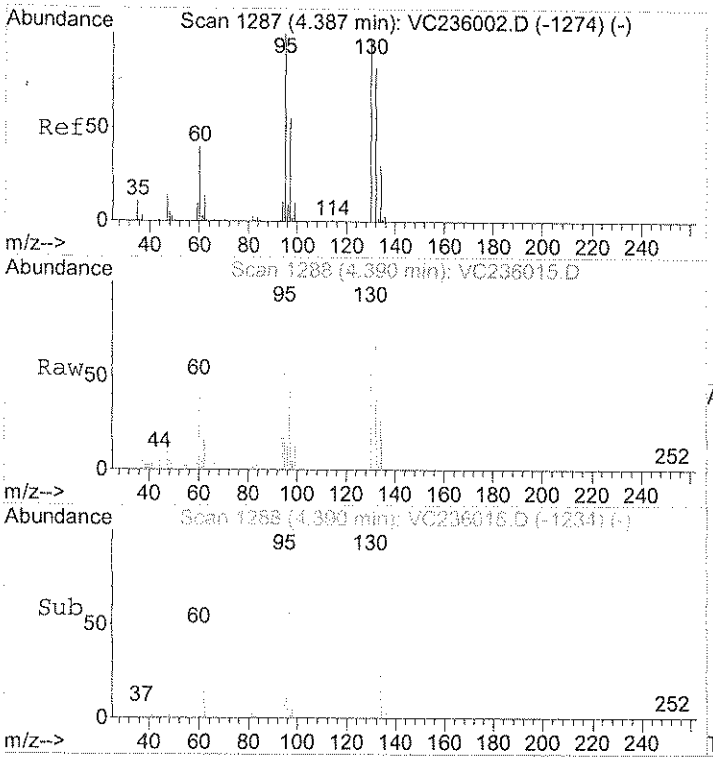


#45
BENZENE
Concen: 0.59 UG/L
RT: 3.72 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 78 Resp: 9867

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0
51	14.8	17.1	25.7#

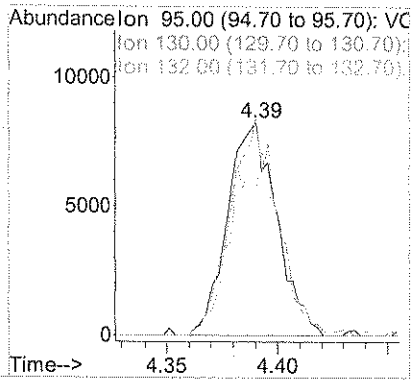


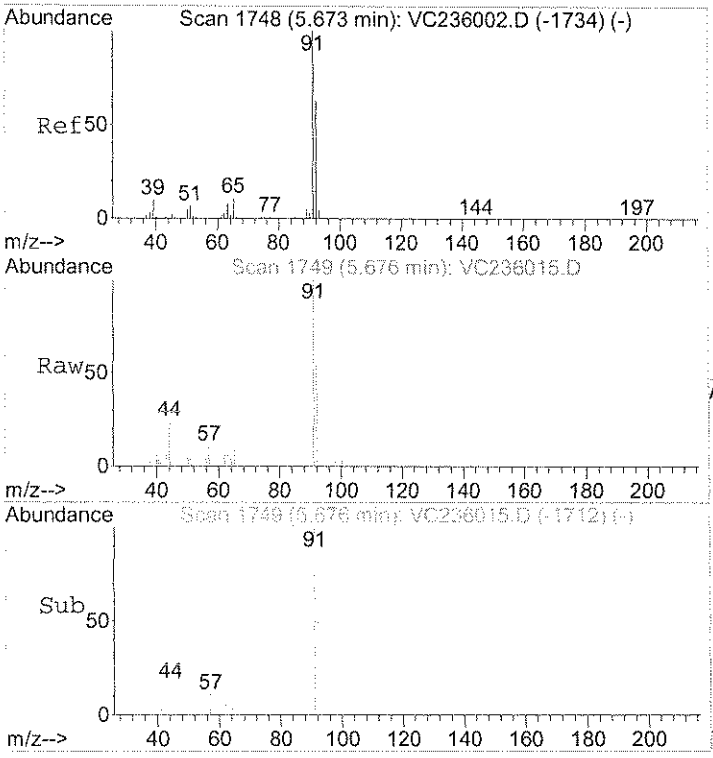


#51
TRICHLOROETHENE
Concen: 2.55 UG/L
RT: 4.39 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 95 Resp: 12707

Ion	Ratio	Lower	Upper
95	100		
130	98.1	77.3	115.9
132	87.0	74.7	112.1

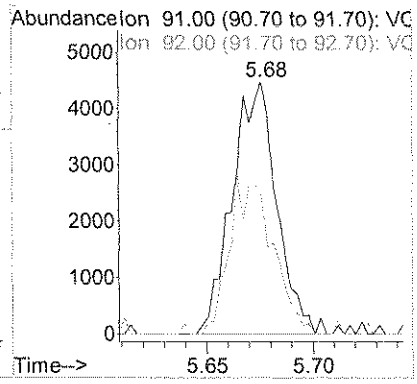


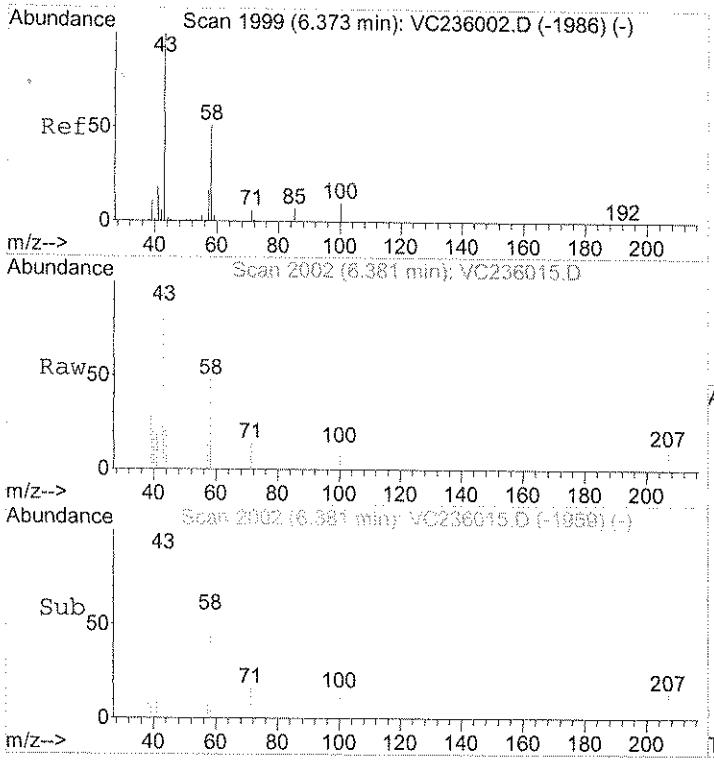


#61
TOLUENE
Concen: 0.34 UG/L
RT: 5.68 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 91 Resp: 6509

Ion	Ratio	Lower	Upper
91	100		
92	59.9	48.2	72.2

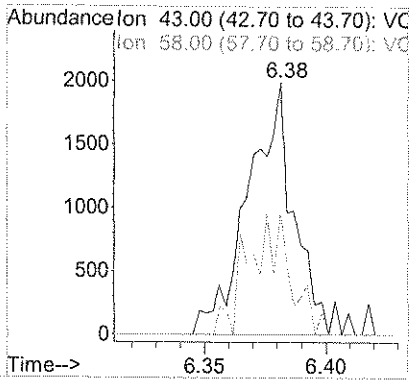


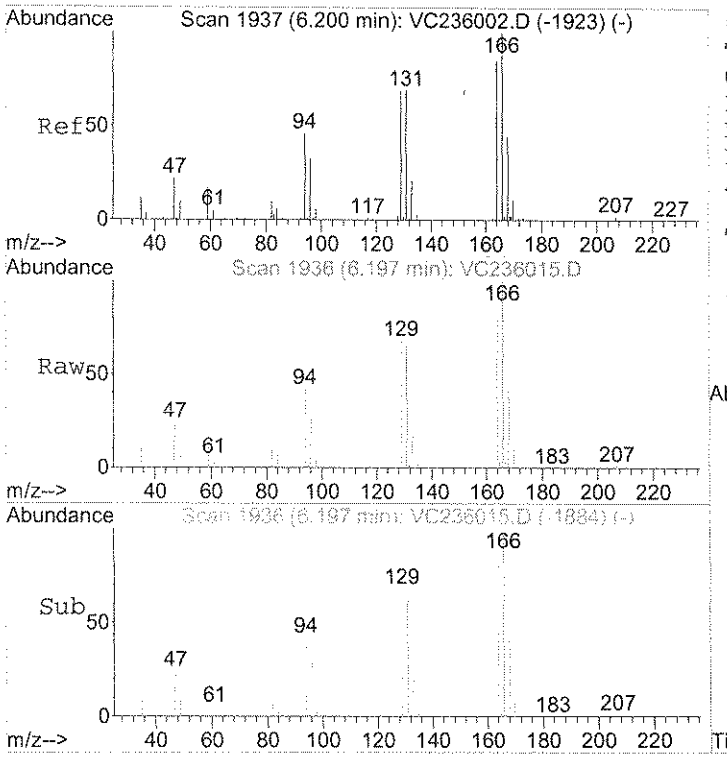


#65
2-HEXANONE
Concen: 0.97 UG/L
RT: 6.38 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

Tgt Ion: 43 Resp: 2573

Ion	Ratio	Lower	Upper
43	100		
58	26.2	41.4	62.2#

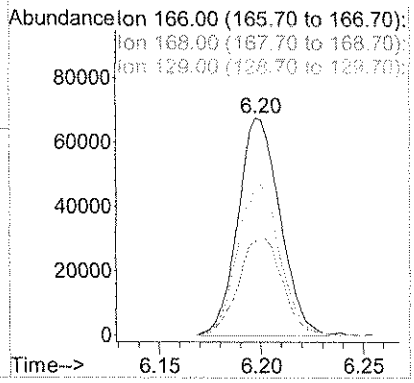




#66
TETRACHLOROETHENE
Concen: 18.31 UG/L
RT: 6.20 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VC236015.D
Acq: 24 Aug 2011 8:52 pm

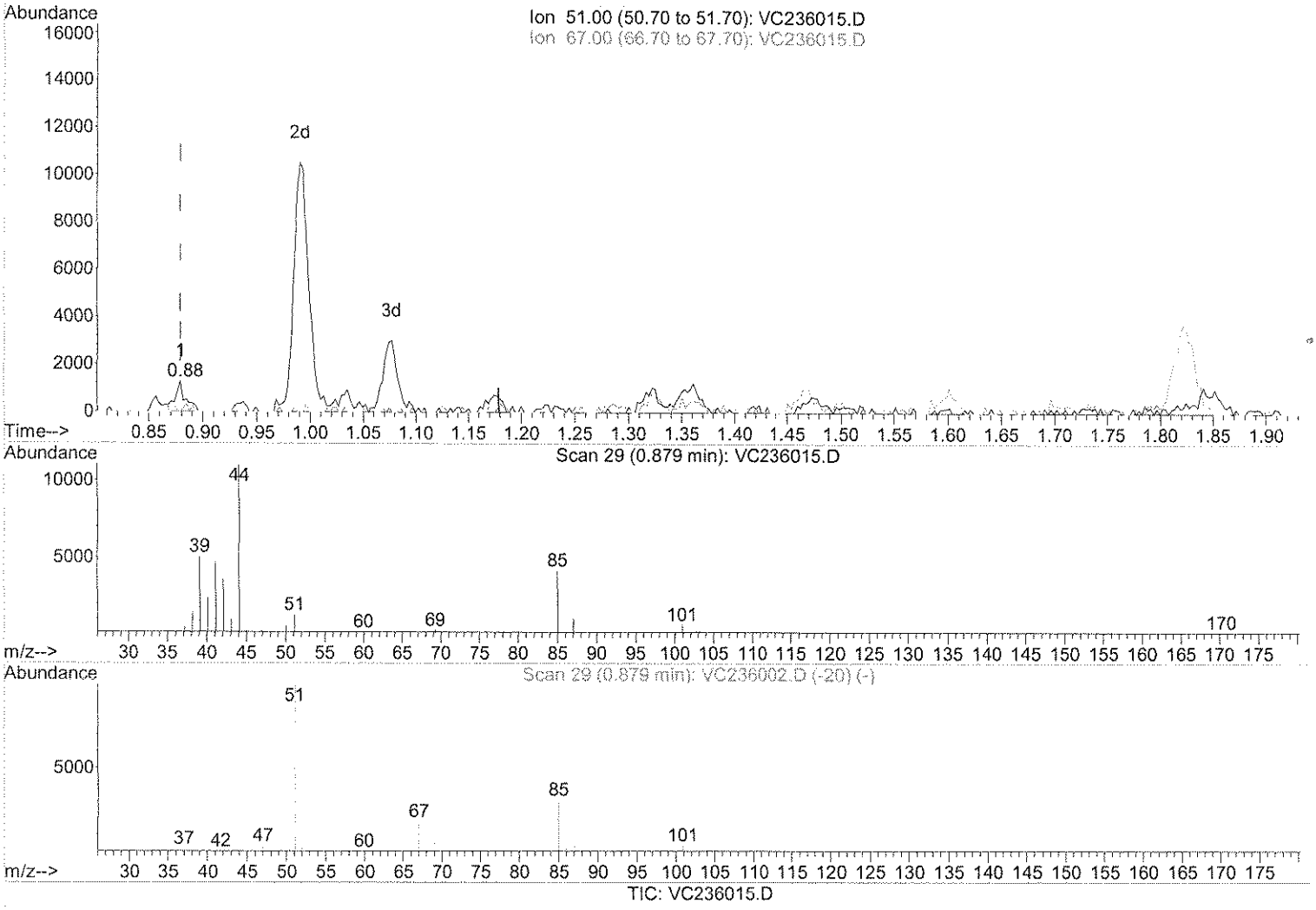
Tgt Ion:166 Resp: 97417

Ion	Ratio	Lower	Upper
166	100		
168	47.0	38.1	57.1
129	69.6	53.6	80.4



Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236015.D

(4) DIFLUOROCHLOROMETHANE

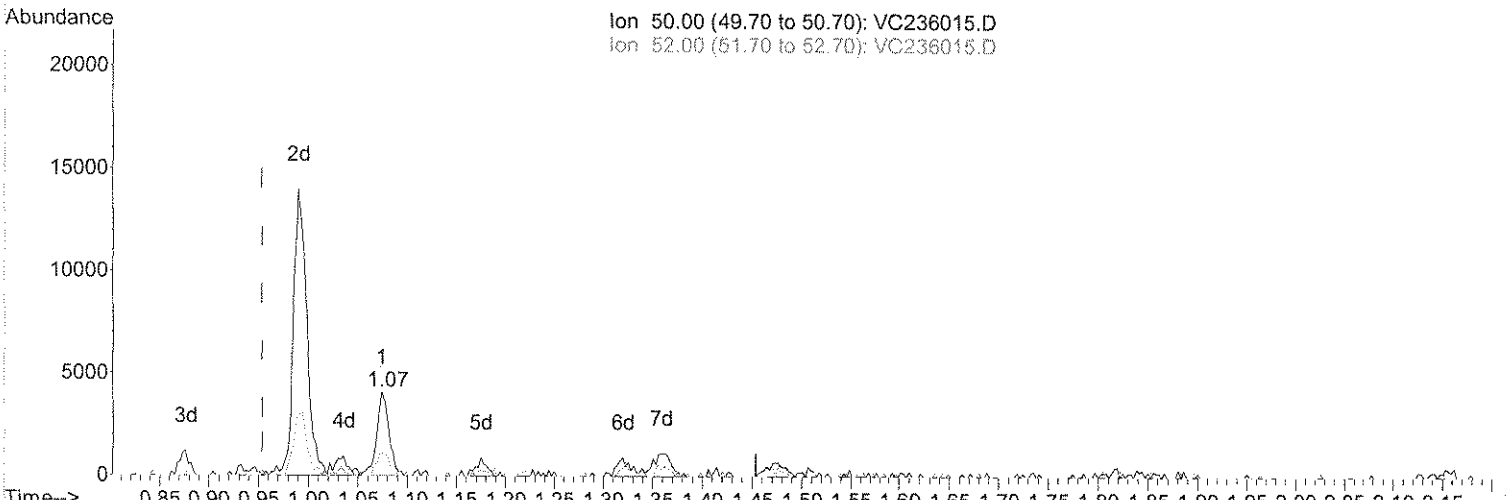
0.879min (+0.000) 0.13UG/L

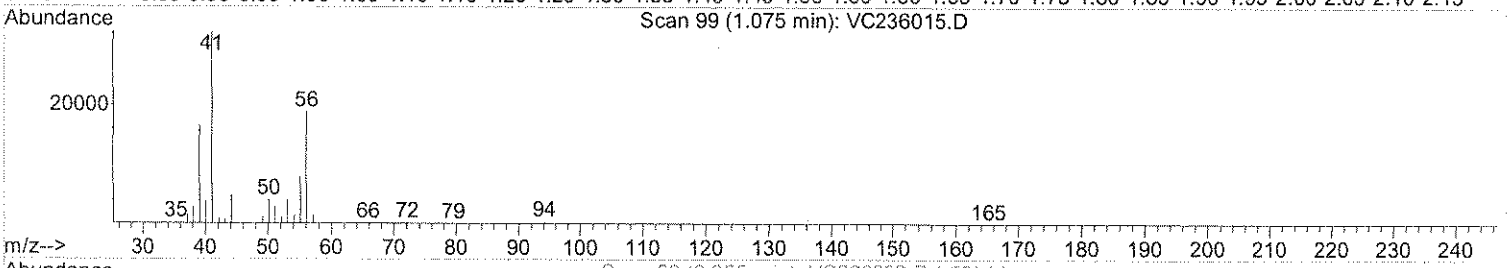
response 830

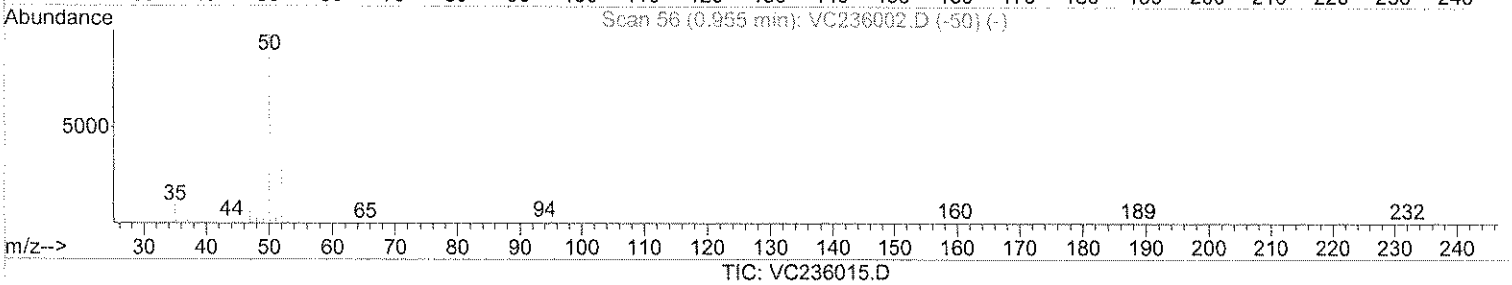
Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







(5) CHLOROMETHANE (P)

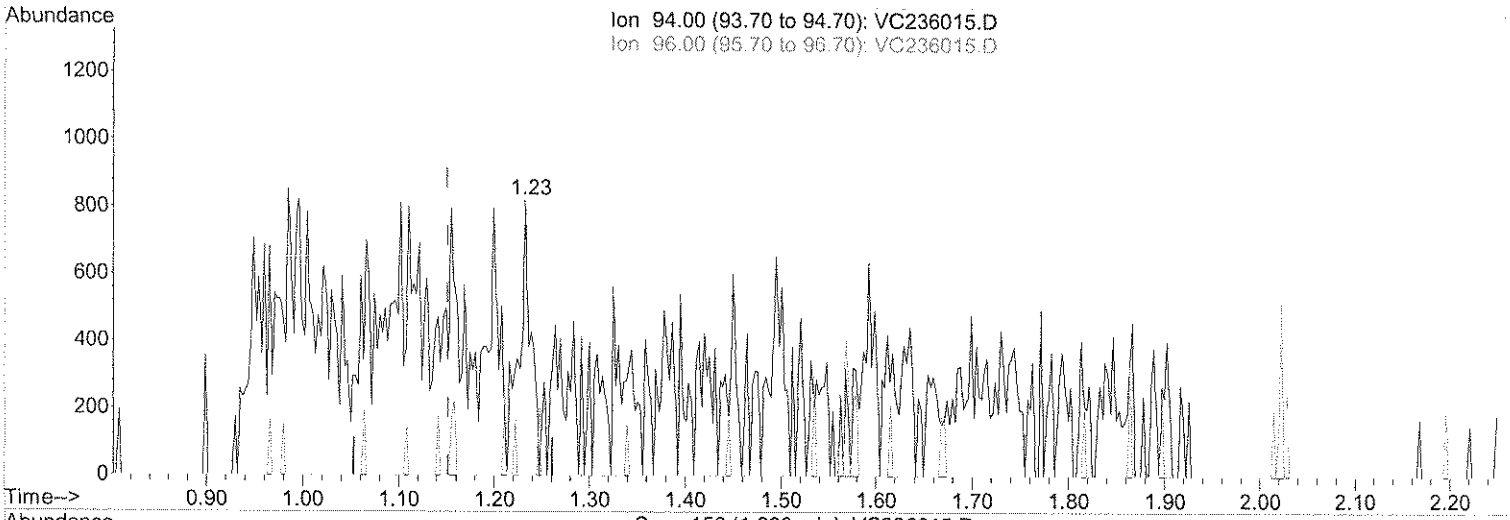
1.075min (+0.121) 0.78UG/L

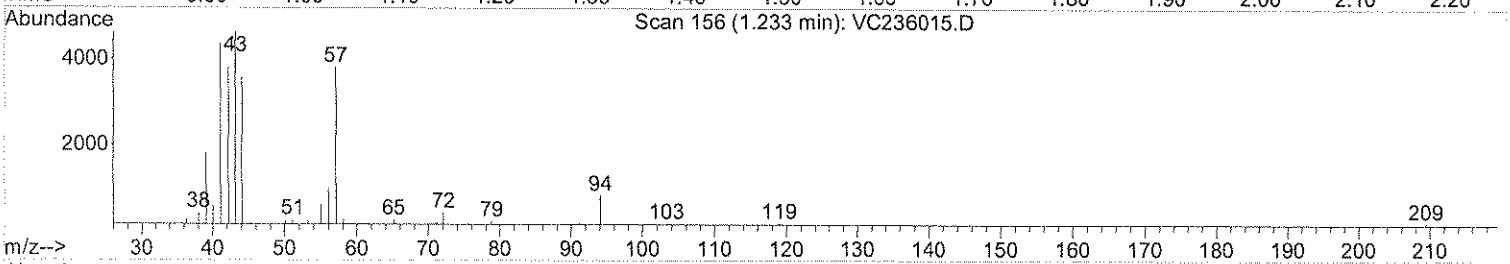
response 3579

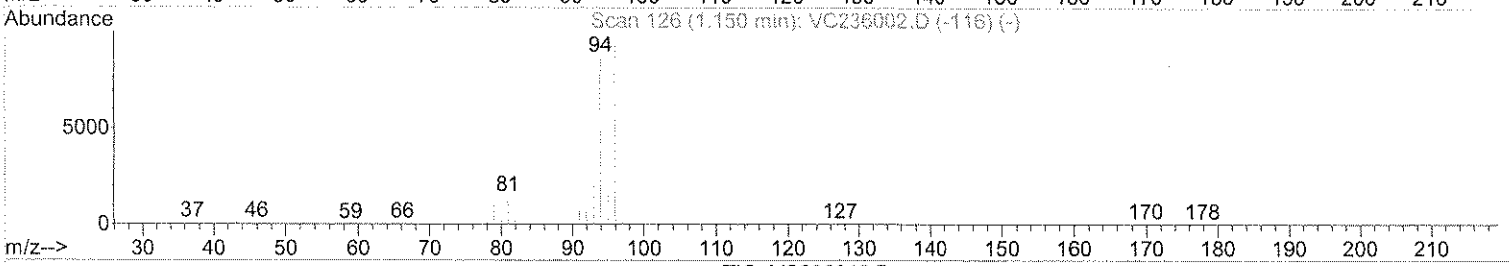
Ion	Exp%	Act%
50.00	100	100
52.00	32.60	29.42
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236015.D

(7) BROMOMETHANE

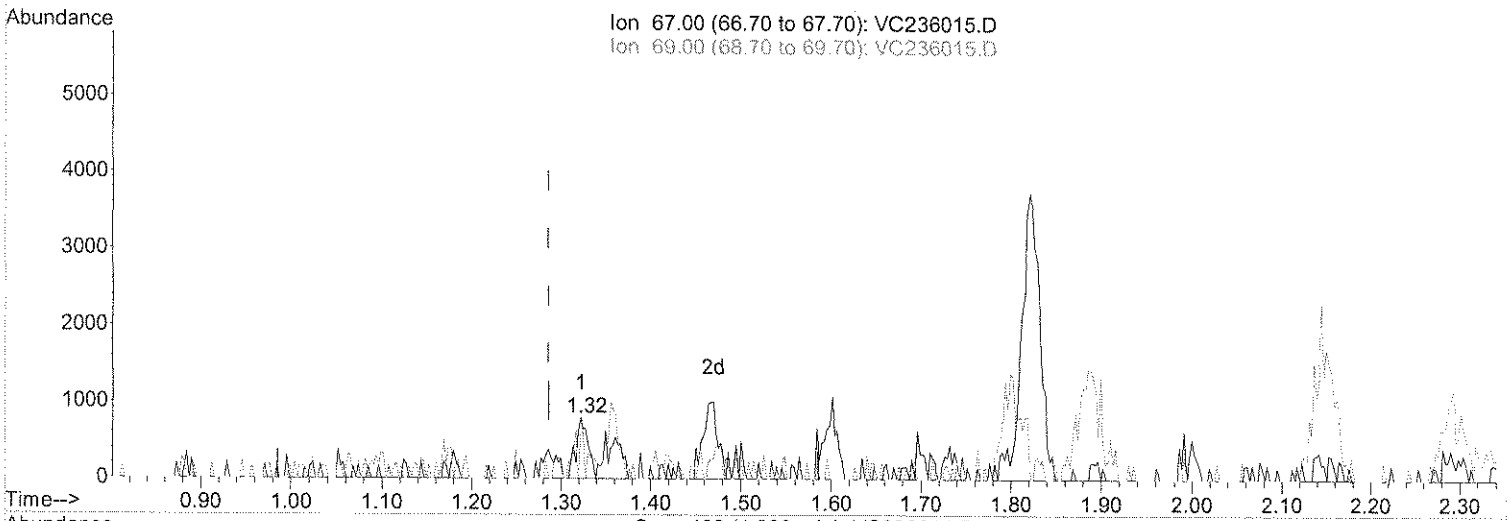
1.233min (+0.081) 0.23UG/L

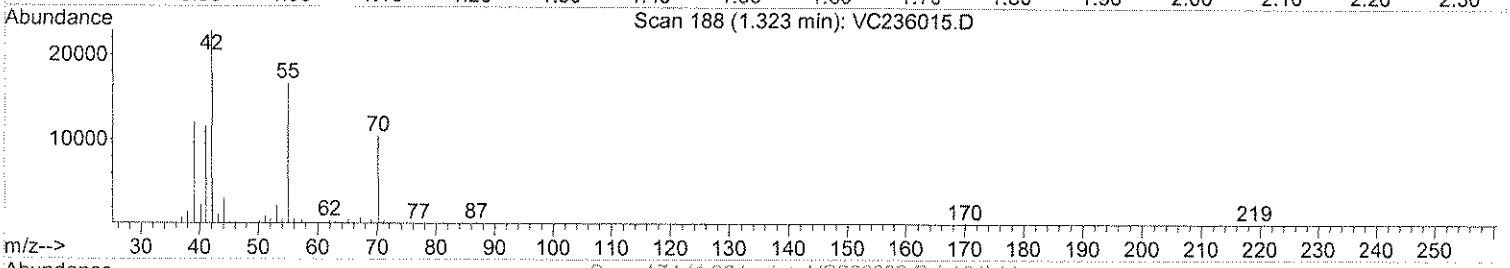
response 714

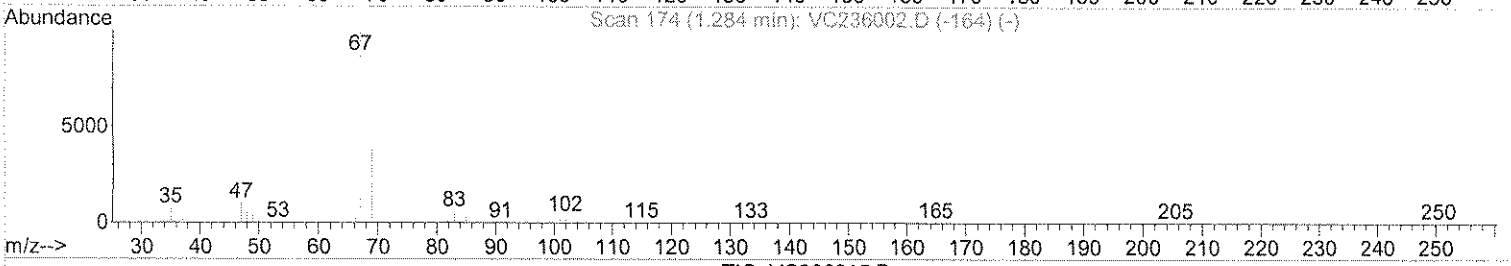
Ion	Exp%	Act%
94.00	100	100
96.00	93.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236015.D

(9) FLUORODICHLOROMETHANE

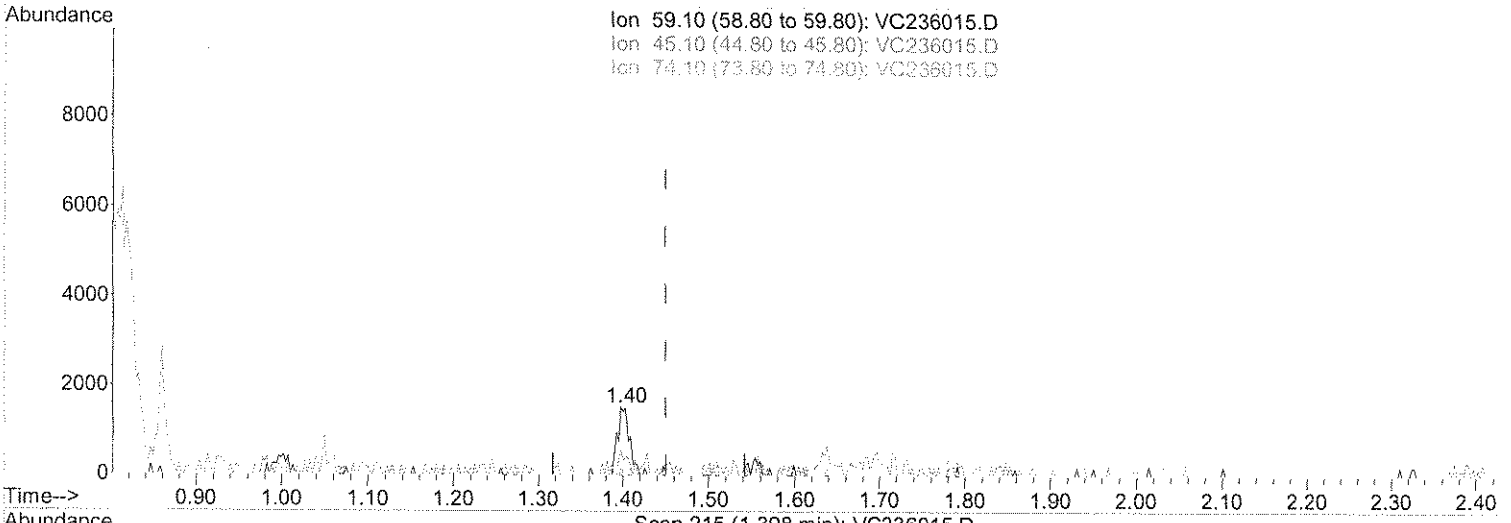
1.323min (+0.036) 0.11UG/L

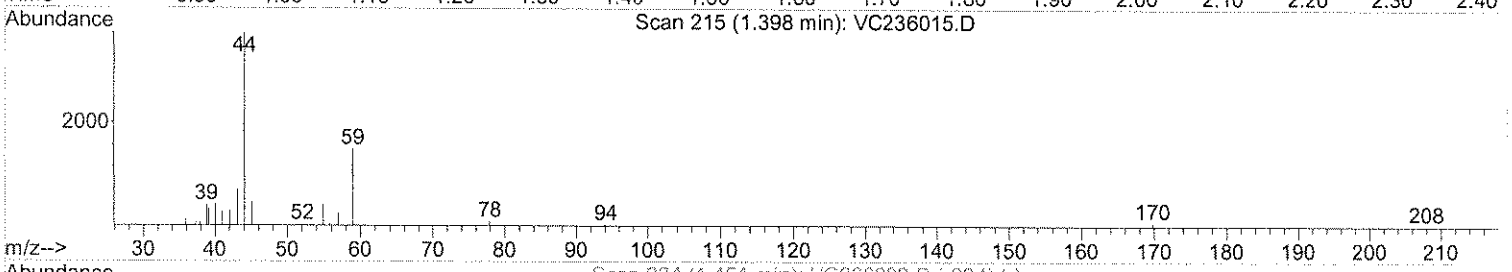
response 772

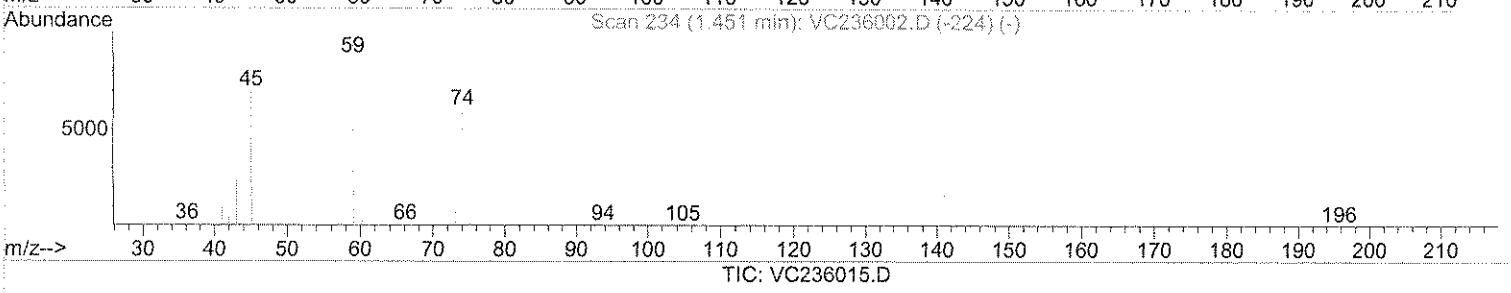
Ion	Exp%	Act%
67.00	100	100
69.00	32.30	119.69#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







(12) DI ETHYL ETHER

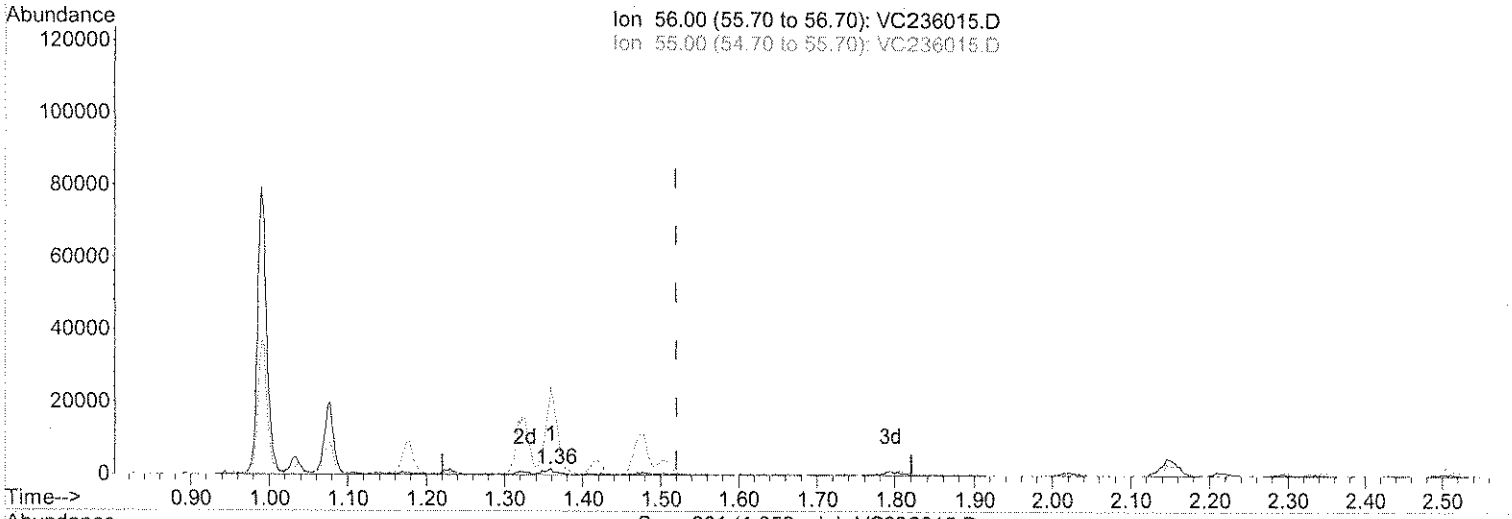
1.398min (-0.053) 0.60UG/L

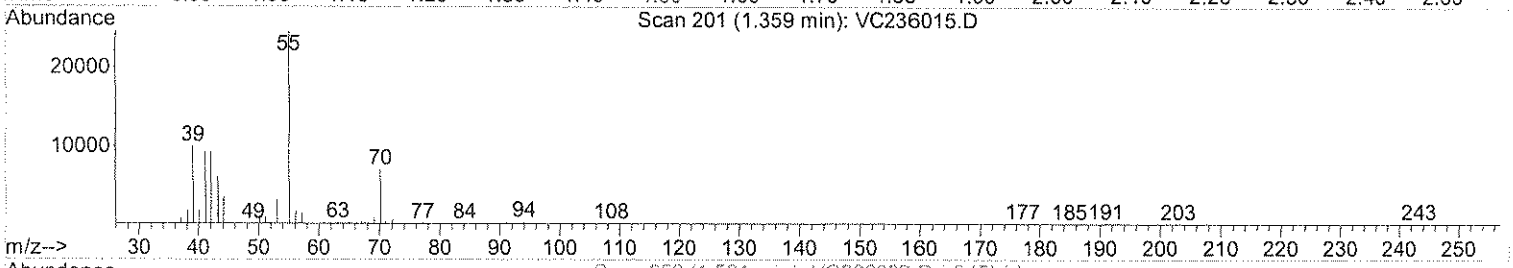
response 1491

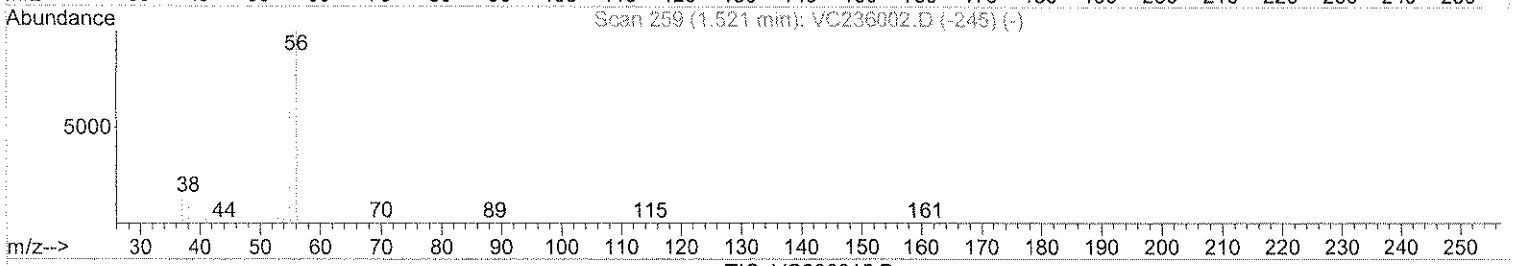
Ion	Exp%	Act%
59.10	100	100
45.10	78.90	0.00#
74.10	66.20	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236015.D

(13) ACROLEIN

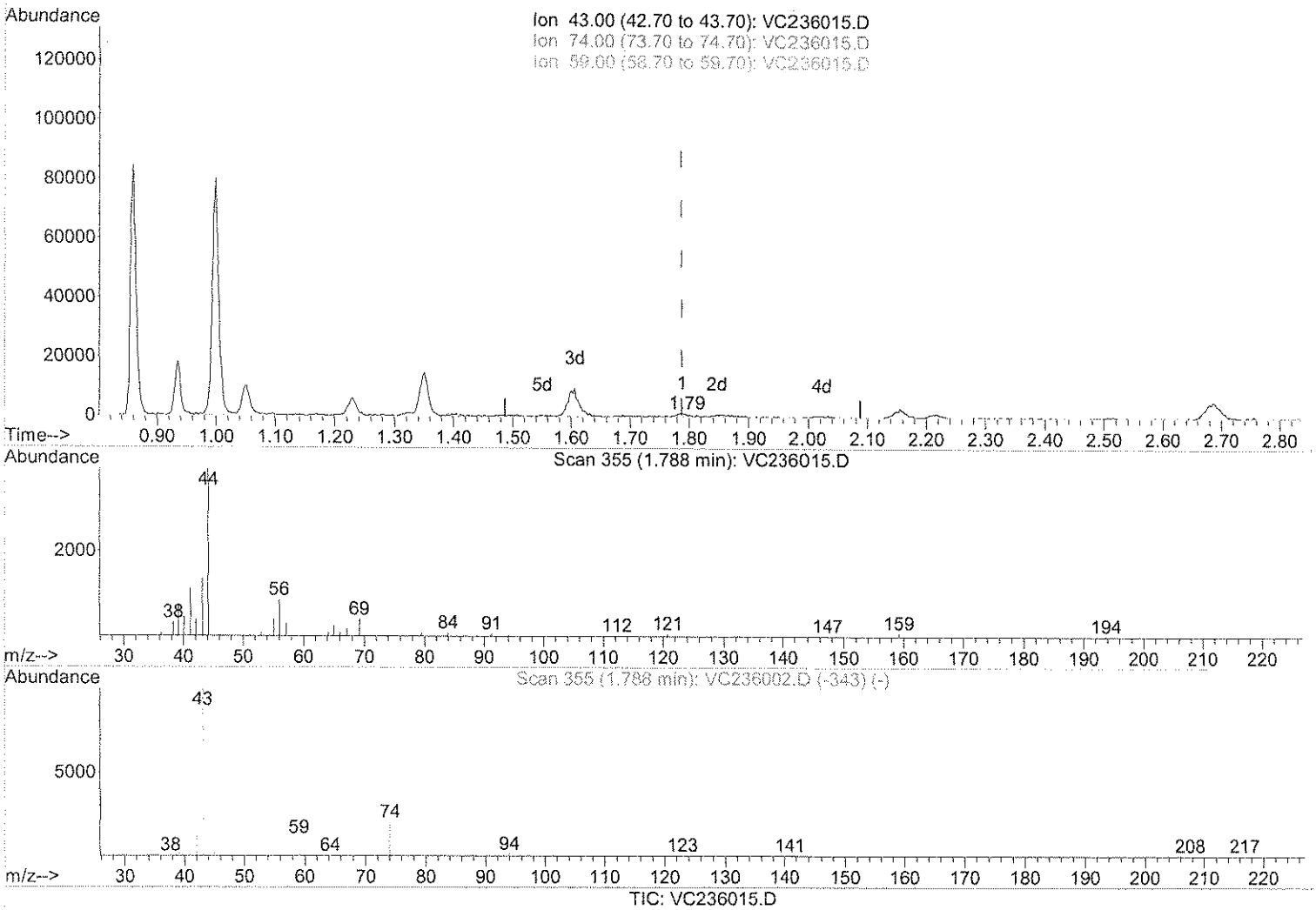
1.359min (-0.162) 5.48UG/L

response 1989

Ion	Exp%	Act%
56.00	100	100
55.00	75.70	1278.98#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236015.D

(20) METHYL ACETATE

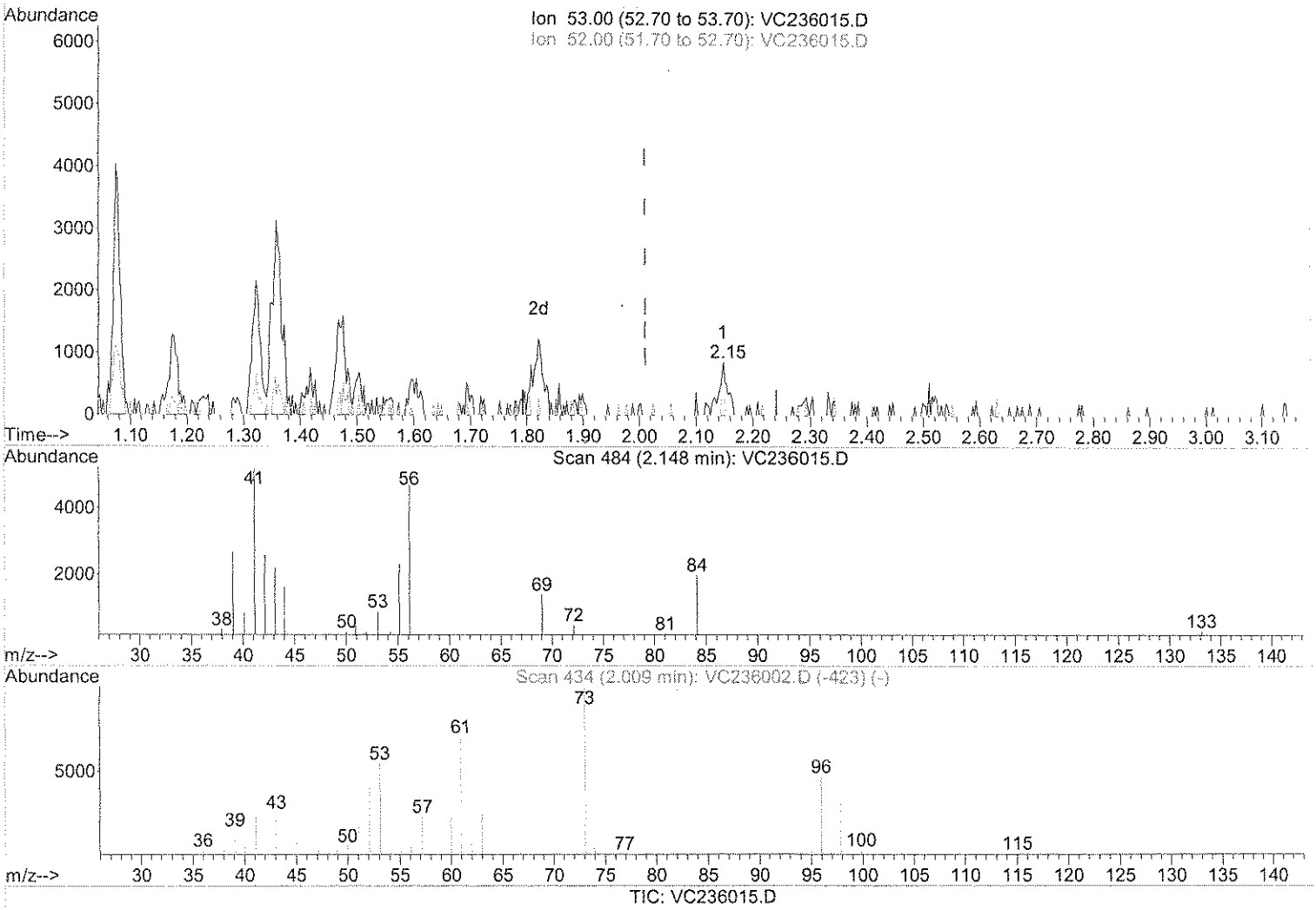
1.788min (+0.000) 0.39UG/L

response 2062

Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236015.D

(22) ACRYLONITRILE

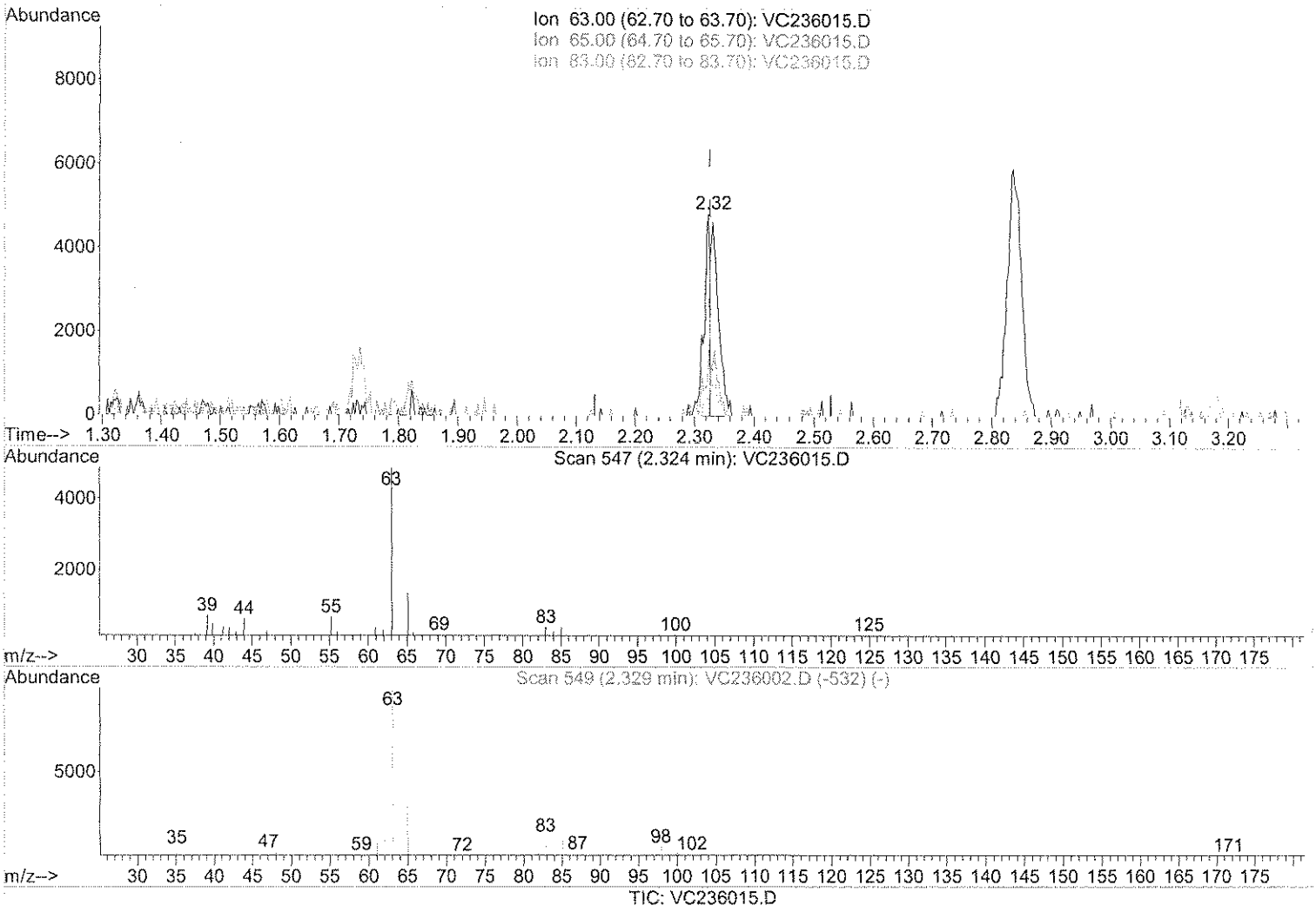
2.148min (+0.137) 0.61UG/L

response 923

Ion	Exp%	Act%
53.00	100	100
52.00	80.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



(27) 1,1-DICHLOROETHANE (P)

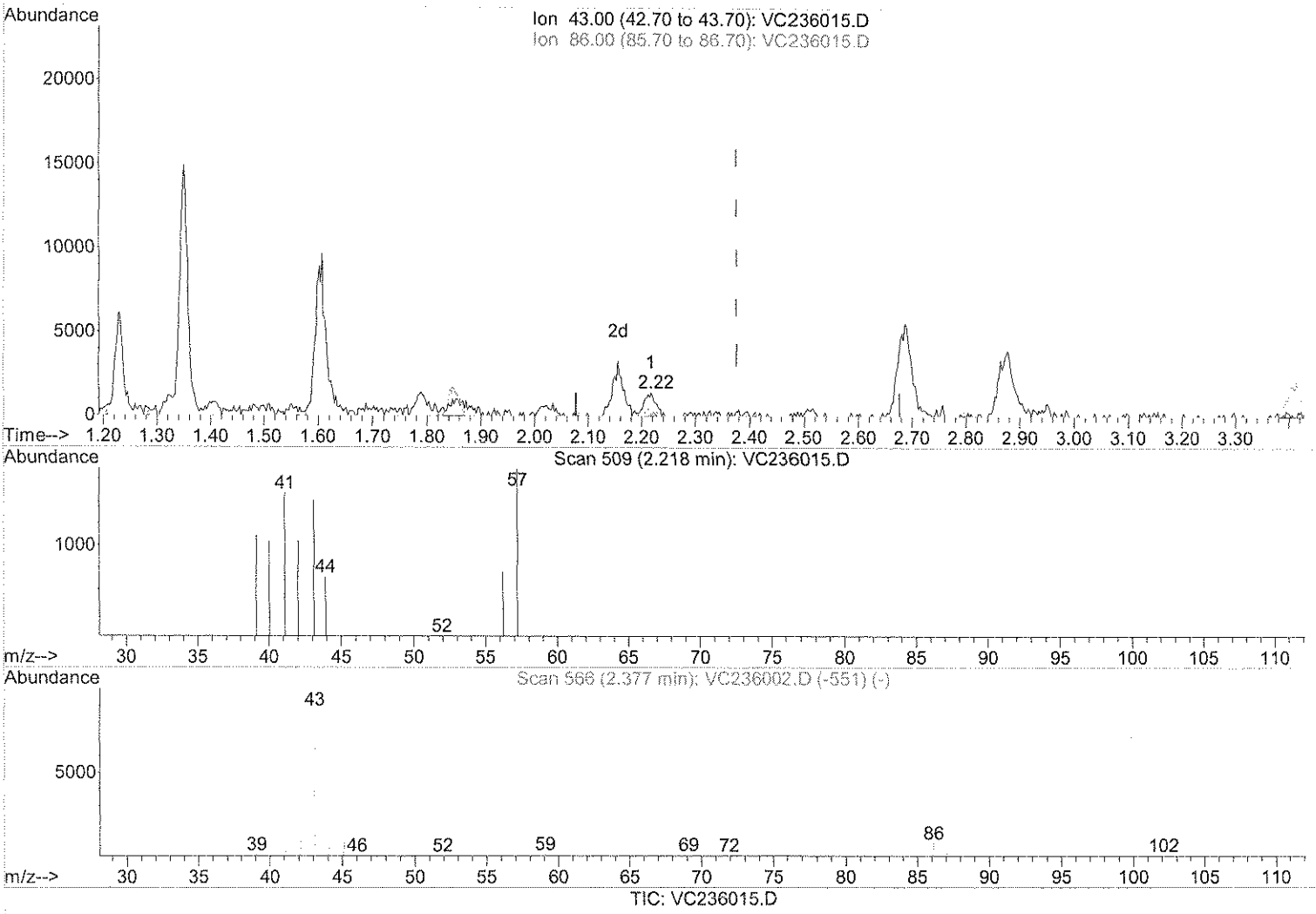
2.324min (-0.003) 0.45UG/L

response 3519

Ion	Exp%	Act%
63.00	100	100
65.00	31.50	51.61#
83.00	14.10	29.87#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236015.D

(28) VINYL ACETATE

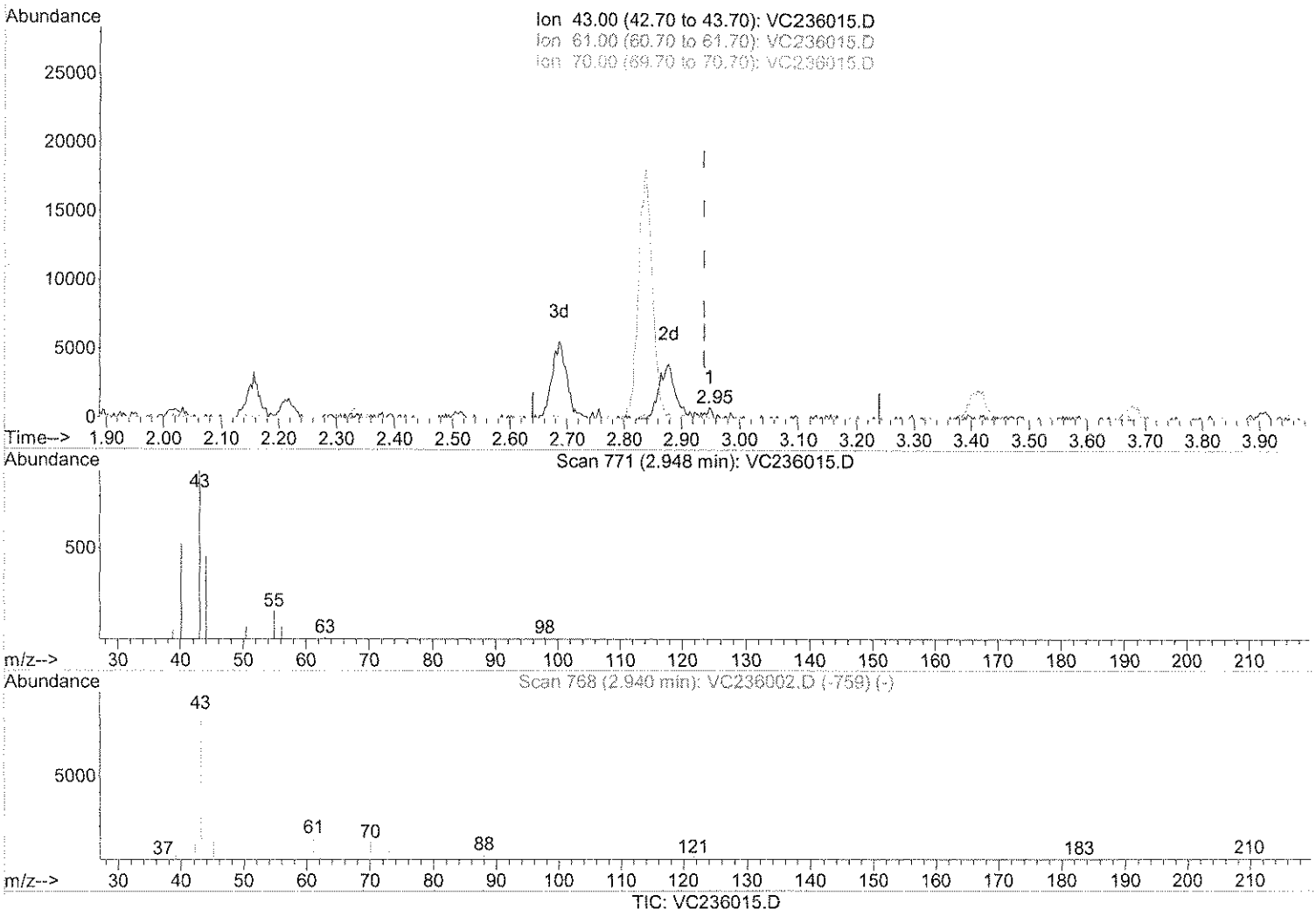
2.218min (-0.159) 0.26UG/L

response 2073

Ion	Exp%	Act%
43.00	100	100
86.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236015.D

(35) ETHYL ACETATE

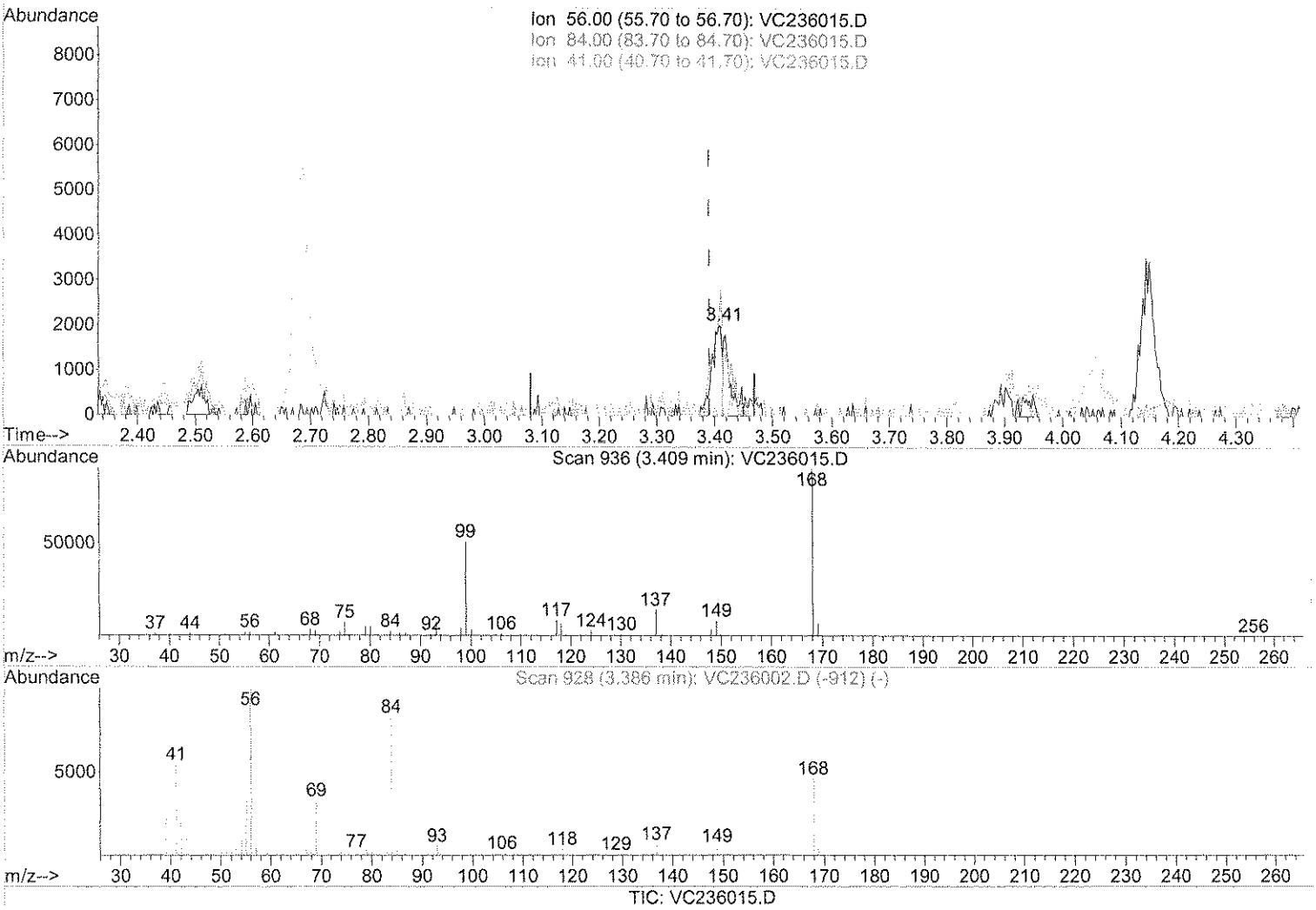
2.948min (+0.008) 0.14UG/L

response 621

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236015.D

(42) CYCLOHEXANE

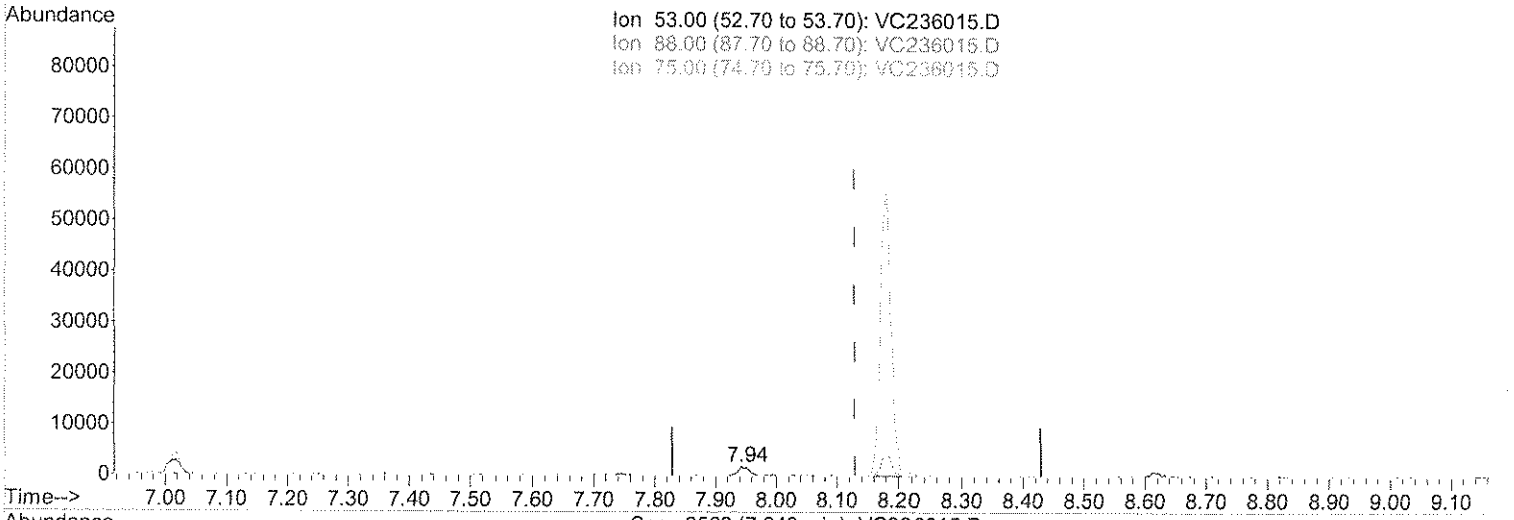
3.409min (+0.017) 0.39UG/L

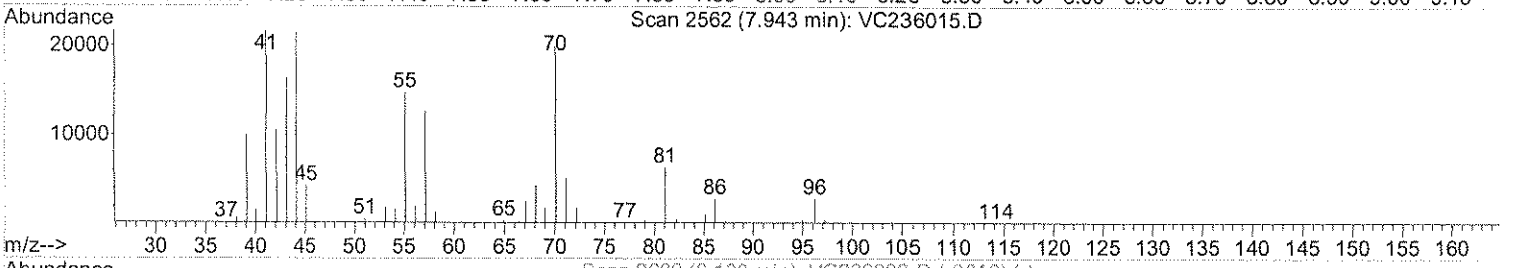
response 2468

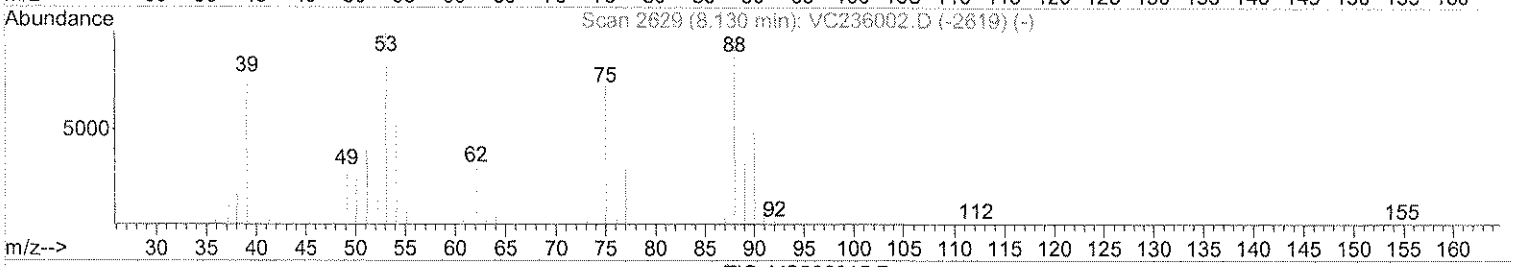
Ion	Exp%	Act%
56.00	100	100
84.00	92.50	176.58#
41.00	62.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236015.D

(80) CIS-1,4-DICHLORO-2-BUTENE

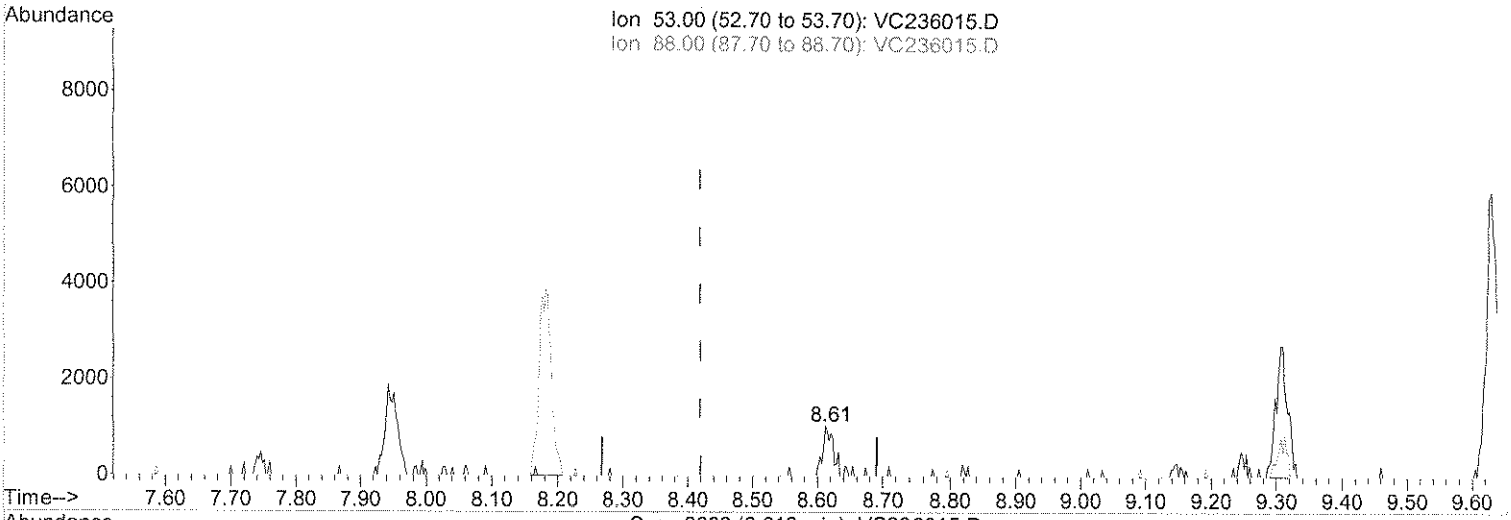
7.943min (-0.186) 1.75UG/L

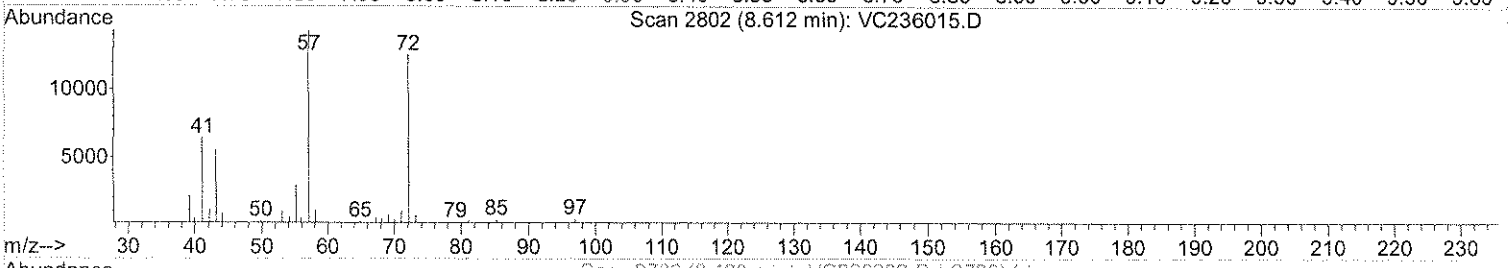
response 2438

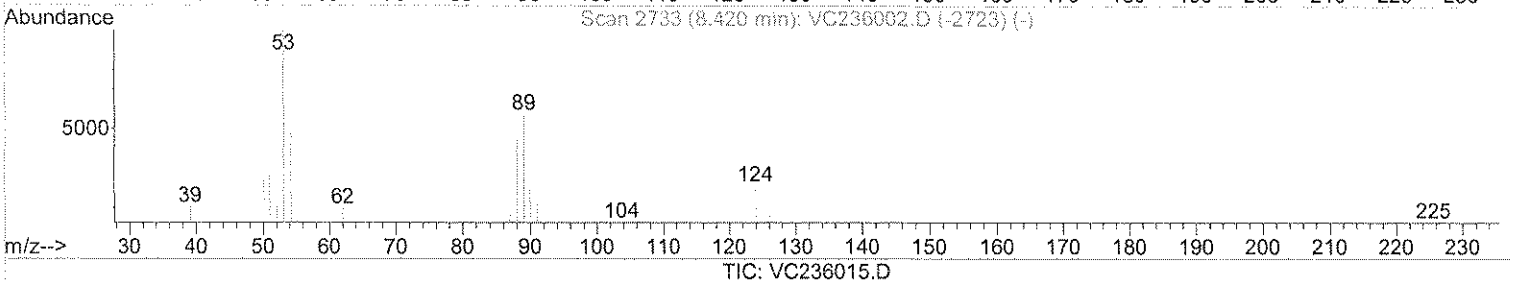
Ion	Exp%	Act%
53.00	100	100
88.00	127.40	0.00#
75.00	99.60	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236015.D
Acq On : 24 Aug 2011 8:52 pm
Operator :
Sample : 11H0909-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 25 07:34:17 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236015.D

(82) 1,4-DICHLORO-2-BUTENE(TRANS)

8.612min (+0.192) 0.76UG/L

response 1161

Ion	Exp%	Act%
53.00	100	100
88.00	58.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW17-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-06	File ID:	VC236016.D
Sampled:	08/19/11 14:45	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 21:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW17-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-06	File ID:	VC236016.D
Sampled:	08/19/11 14:45	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 21:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	2.9	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	16	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-06	File ID:	VC236016.D
Sampled:	08/19/11 14:45	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 21:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	88	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	19	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW17-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-06	File ID:	VC236016.D
Sampled:	08/19/11 14:45	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 21:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 10:57:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

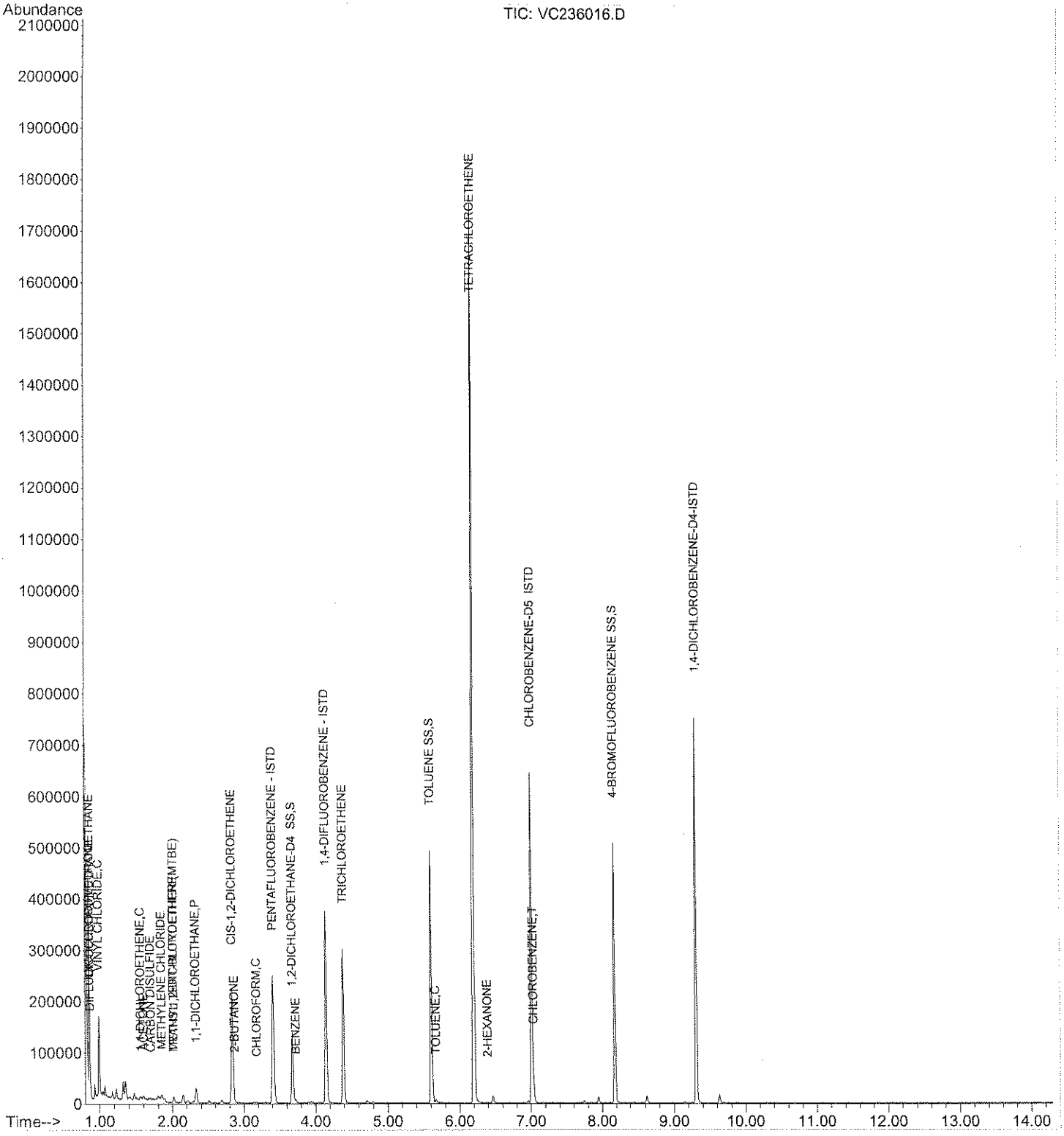
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	166582	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	263634	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	169753	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	169184	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	90532	25.69	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.76%			
49) TOLUENE SS	5.61	98	269355	25.58	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.32%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	132615	23.74	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.96%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	10348	1.90	UG/L	96
4) DIFLUOROCHLOROMETHANE	0.88	51	963	0.16	UG/L #	58
6) VINYL CHLORIDE	1.00	62	3328	0.77	UG/L	92
14) ACETONE	1.60	43	5259	5.87	UG/L #	90
15) 1,1-DICHLOROETHENE	1.57	61	1259	0.24	UG/L #	45
23) METHYLENE CHLORIDE	1.85	49	2719m	0.57	UG/L	
24) CARBON DISULFIDE	1.70	76	1245	0.14	UG/L #	100
25) METHYL TERT-BUTYL ETHER (M	2.02	73	2574m	0.22	UG/L	
26) TRANS 1,2-DICHLOROETHENE	2.02	61	2123	0.38	UG/L #	72
27) 1,1-DICHLOROETHANE	2.33	63	21404	2.90	UG/L #	85
31) 2-BUTANONE	2.88	43	2526m	1.61	UG/L	
33) CIS-1,2-DICHLOROETHENE	2.84	61	110350	16.05	UG/L	91
40) CHLOROFORM	3.17	83	1130m	0.14	UG/L	
45) BENZENE	3.73	78	5148	0.33	UG/L #	67
51) TRICHLOROETHENE	4.39	95	86759	19.02	UG/L	99
61) TOLUENE	5.67	91	3199	0.18	UG/L	97
65) 2-HEXANONE	6.39	43	539	0.22	UG/L #	26
66) TETRACHLOROETHENE	6.20	166	428296	87.87	UG/L	98
72) CHLOROBENZENE	7.04	112	11474	0.97	UG/L	100

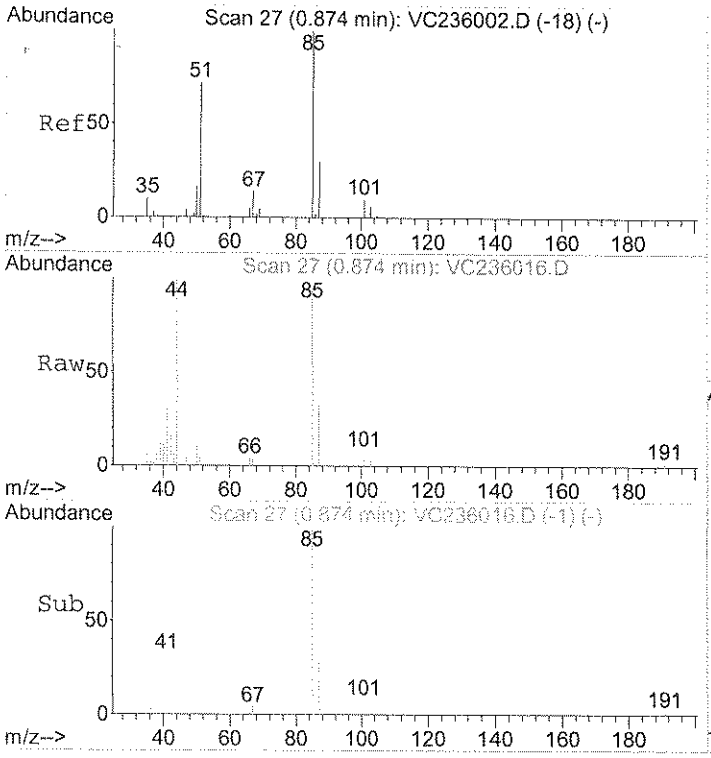
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 10:57:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

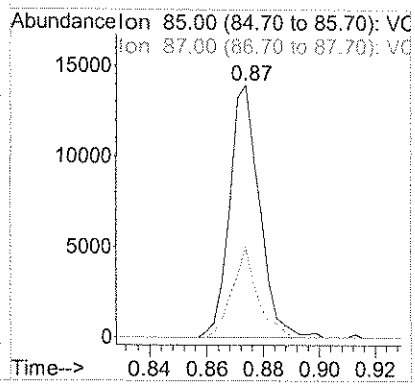


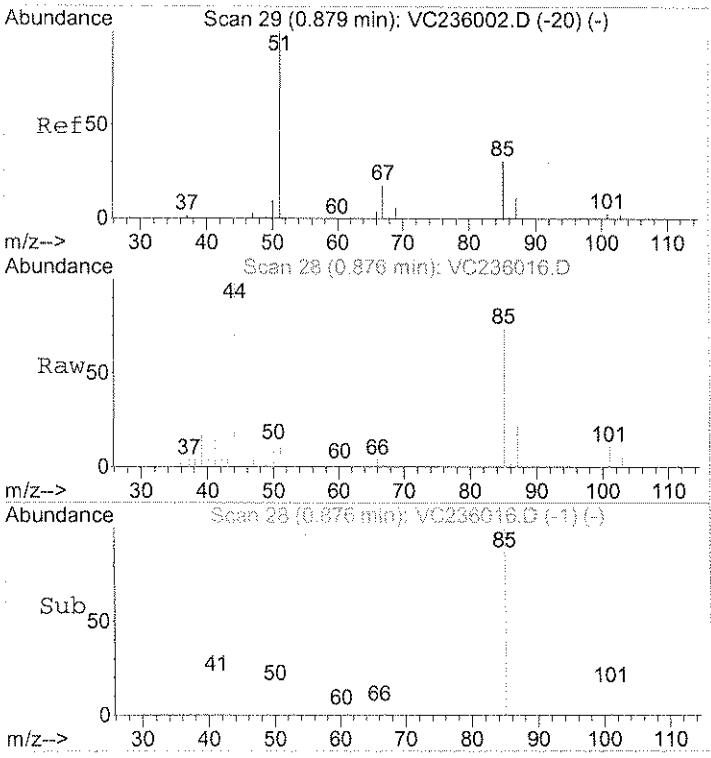


#3
DICHLORODIFLUOROMETHANE
Concen: 1.90 UG/L
RT: 0.87 min Scan# 27
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 85 Resp: 10348

Ion	Ratio	Lower	Upper
85	100		
87	30.4	26.2	39.4

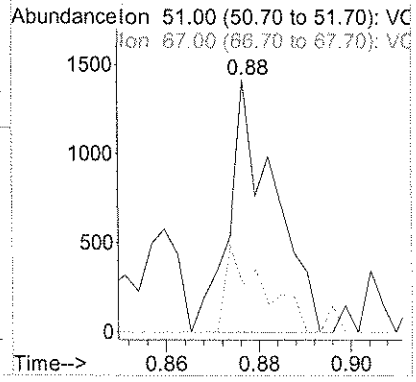


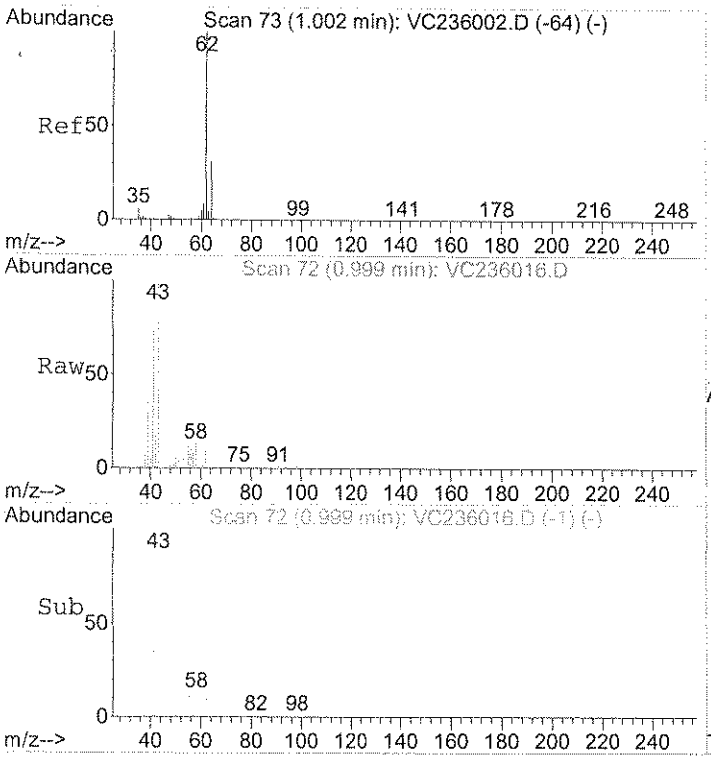


#4
DIFLUOROCHLOROMETHANE
Concen: 0.16 UG/L
RT: 0.88 min Scan# 28
Delta R.T. -0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 51 Resp: 963

Ion	Ratio	Lower	Upper
51	100		
67	0.0	15.2	22.8#

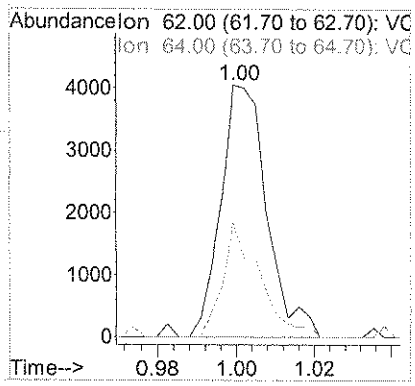


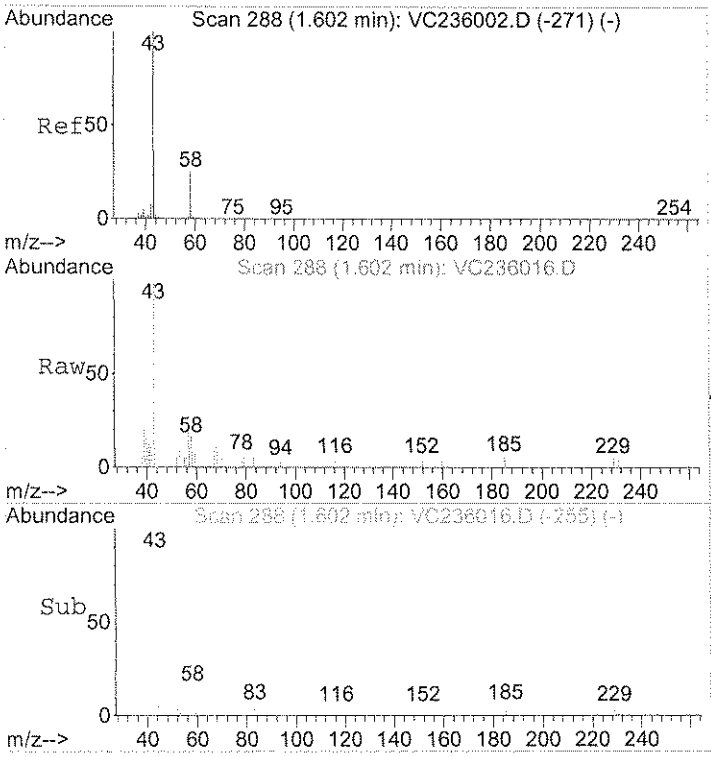


#6
VINYL CHLORIDE
Concen: 0.77 UG/L
RT: 1.00 min Scan# 72
Delta R.T. -0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 62 Resp: 3328

Ion	Ratio	Lower	Upper
62	100		
64	36.7	25.6	38.4

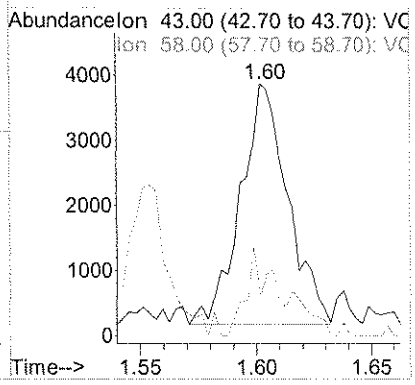


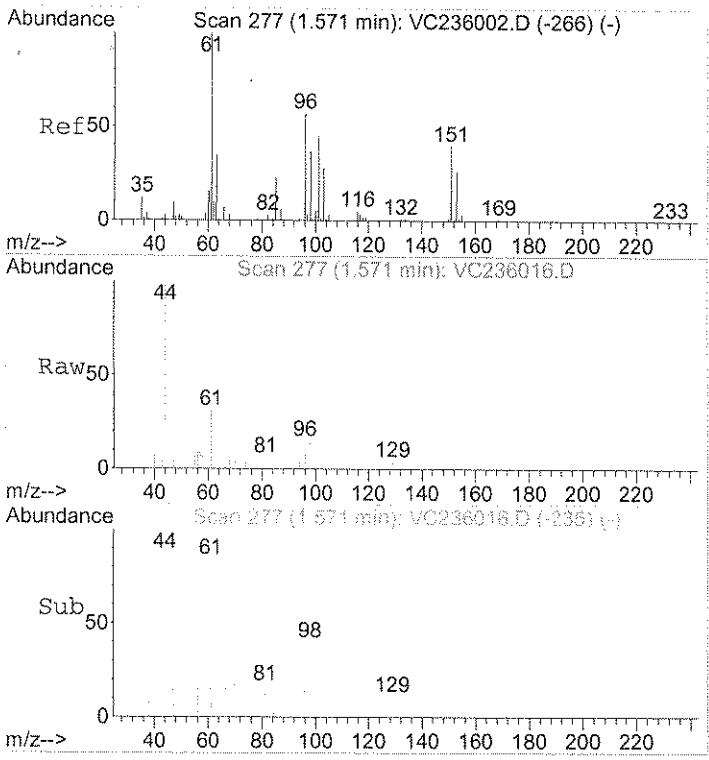


#14
ACETONE
Concen: 5.87 UG/L
RT: 1.60 min Scan# 288
Delta R.T. -0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 43 Resp: 5259

Ion	Ratio	Lower	Upper
43	100		
58	19.9	20.2	30.2#

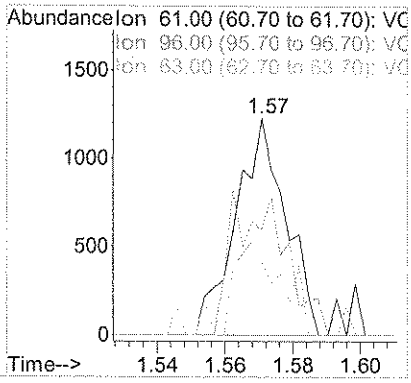


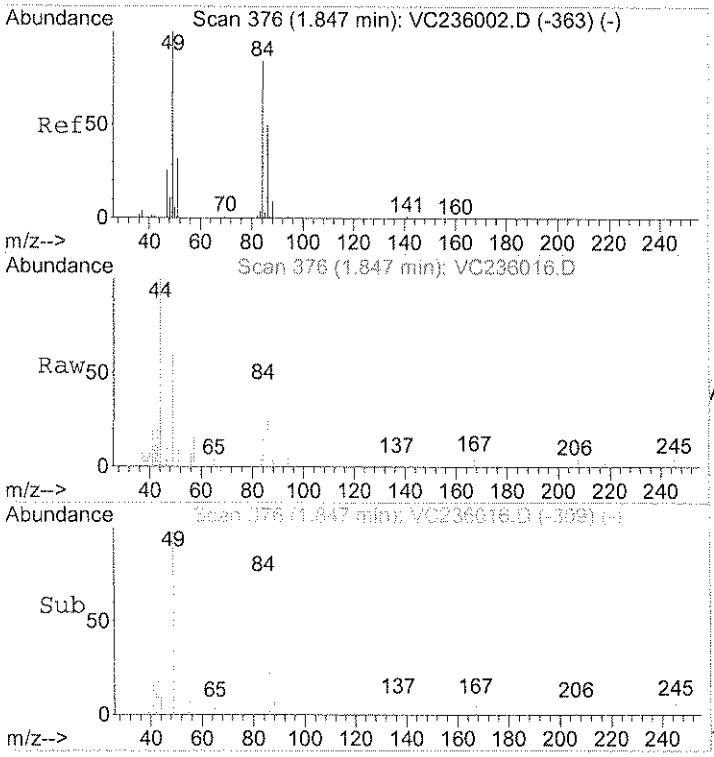


#15
1,1-DICHLOROETHENE
Concen: 0.24 UG/L
RT: 1.57 min Scan# 277
Delta R.T. -0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 61 Resp: 1259

Ion	Ratio	Lower	Upper
61	100		
96	0.0	45.8	68.8#
63	40.0	25.5	38.3#

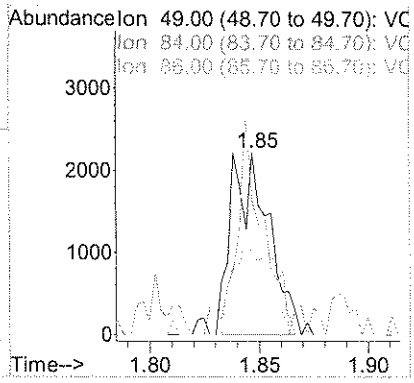


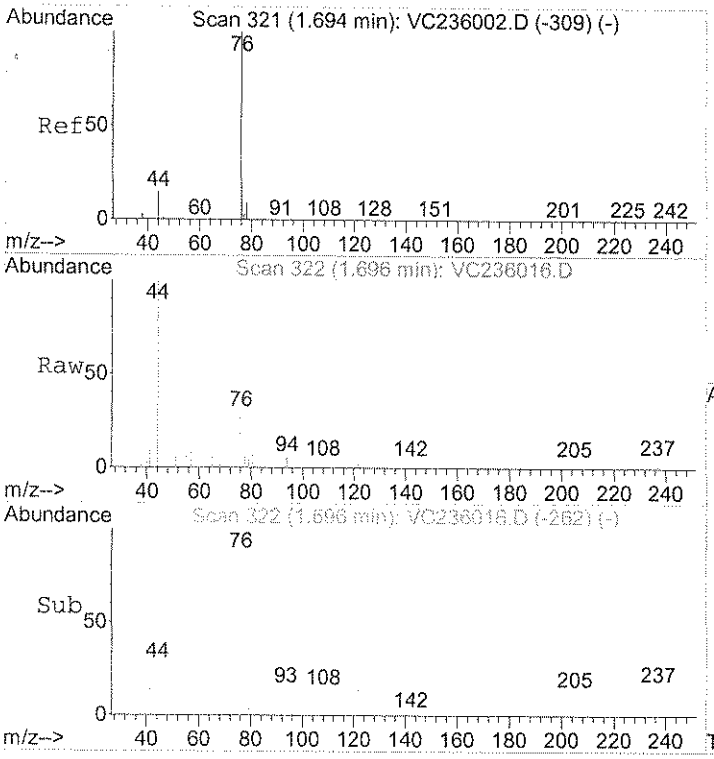


#23
METHYLENE CHLORIDE
Concen: 0.57 UG/L m
RT: 1.85 min Scan# 376
Delta R.T. -0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 49 Resp: 2719

Ion	Ratio	Lower	Upper
49	100		
84	80.7	63.0	94.6
86	33.4	39.1	58.7#

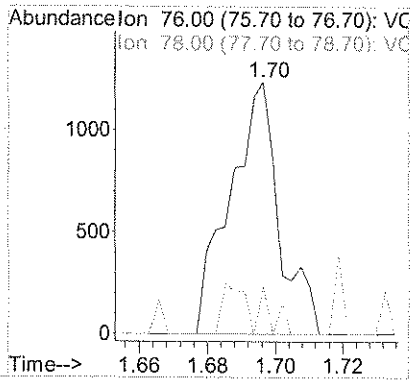


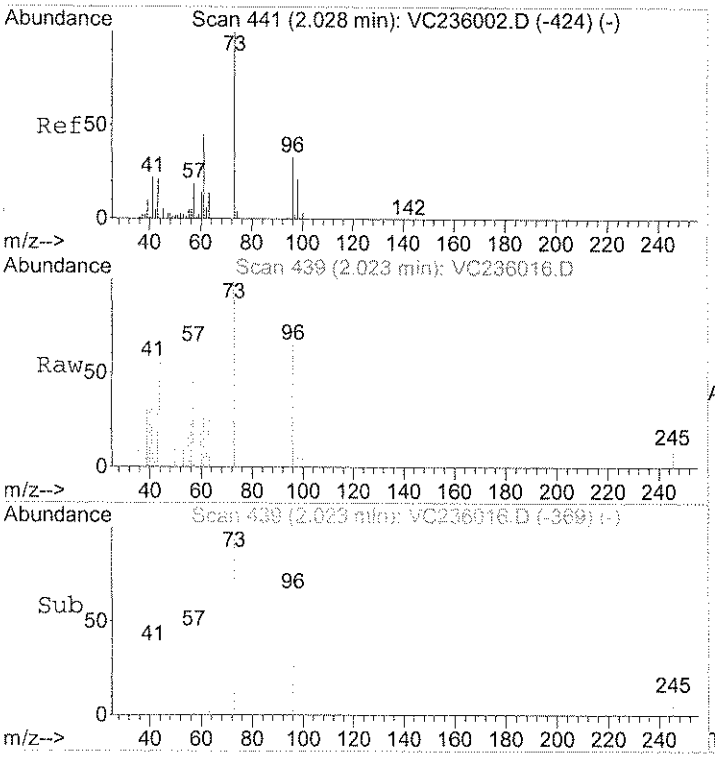


#24
CARBON DISULFIDE
Concen: 0.14 UG/L
RT: 1.70 min Scan# 322
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 76 Resp: 1245

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

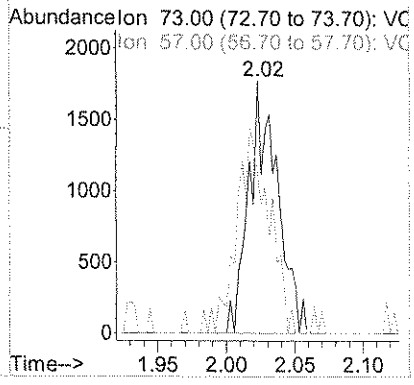


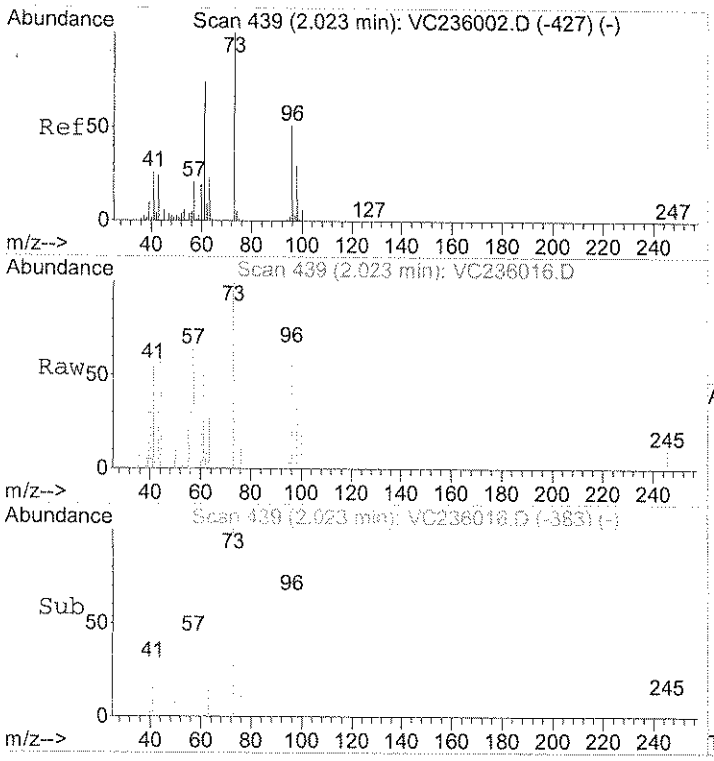


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.22 UG/L m
RT: 2.02 min Scan# 439
Delta R.T. -0.01 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 73 Resp: 2574

Ion	Ratio	Lower	Upper
73	100		
57	91.0	15.8	23.8#

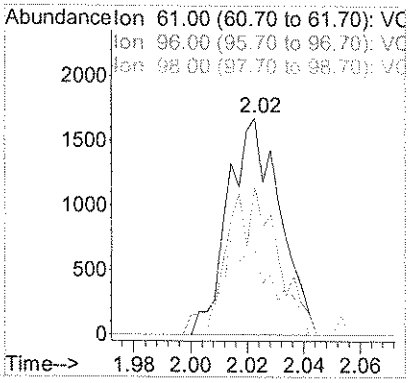


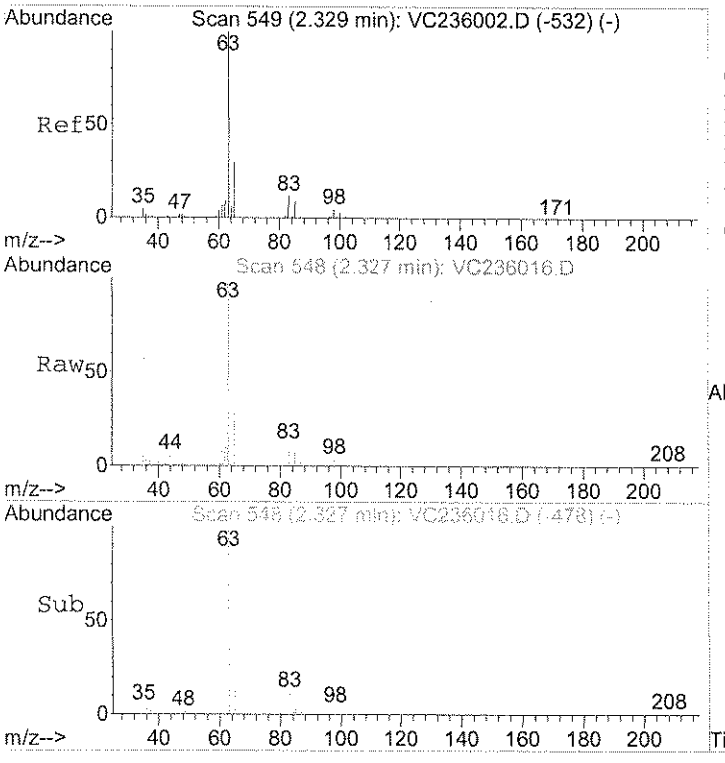


#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.38 UG/L
RT: 2.02 min Scan# 439
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 61 Resp: 2123

Ion	Ratio	Lower	Upper
61	100		
96	30.8	53.3	79.9#
98	41.1	34.0	51.0

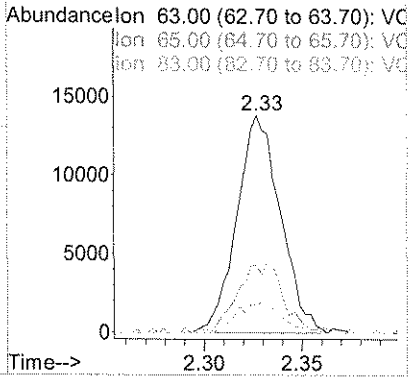


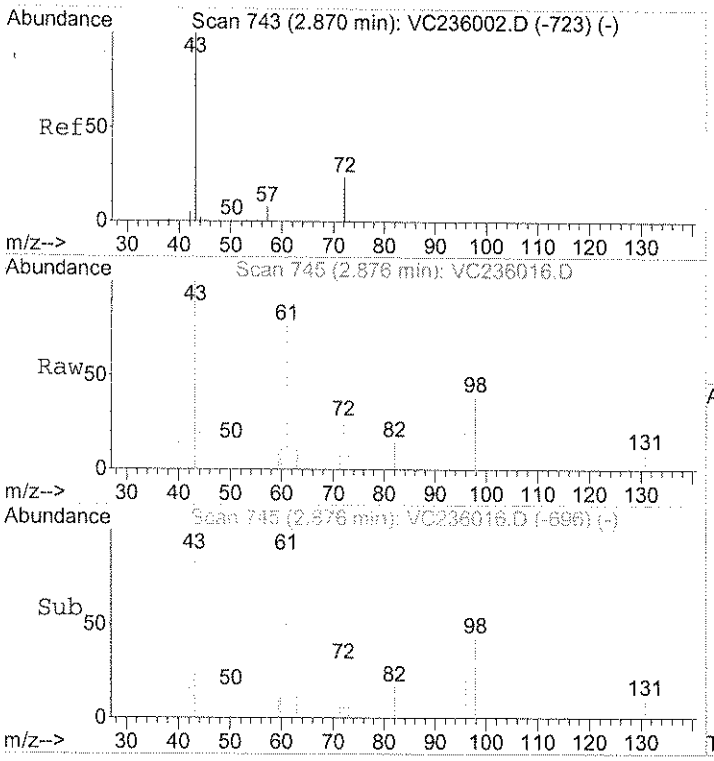


#27
1,1-DICHLOROETHANE
Concen: 2.90 UG/L
RT: 2.33 min Scan# 548
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 63 Resp: 21404

Ion	Ratio	Lower	Upper
63	100		
65	19.3	25.2	37.8#
83	14.2	11.3	16.9

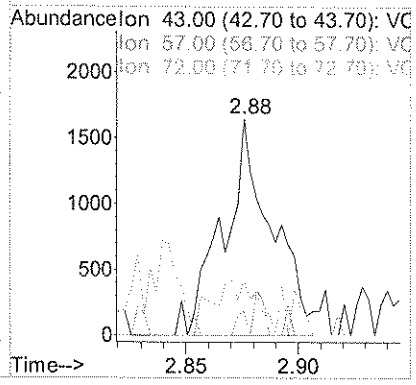


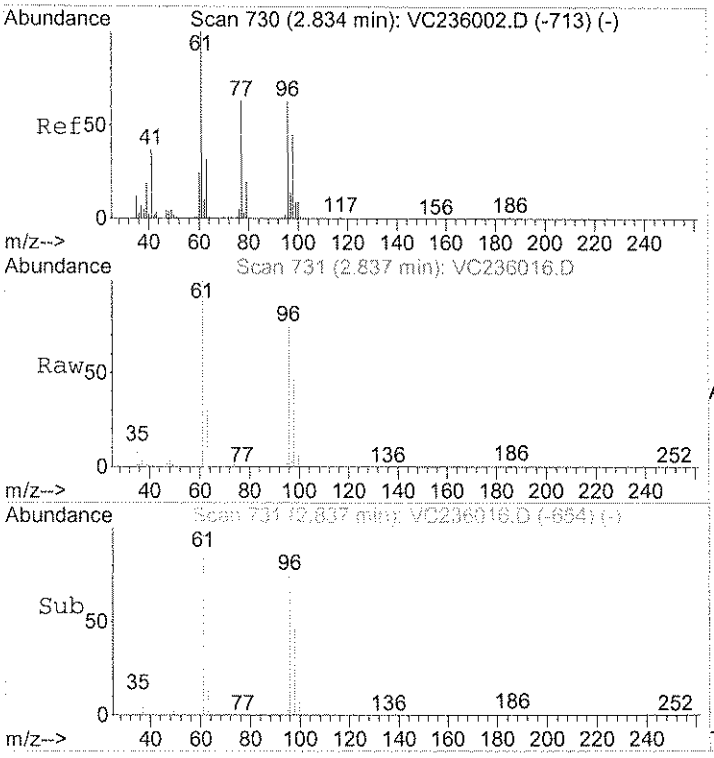


#31
2-BUTANONE
Concen: 1.61 UG/L m
RT: 2.88 min Scan# 745
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 43 Resp: 2526

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	0.0	18.9	28.3#

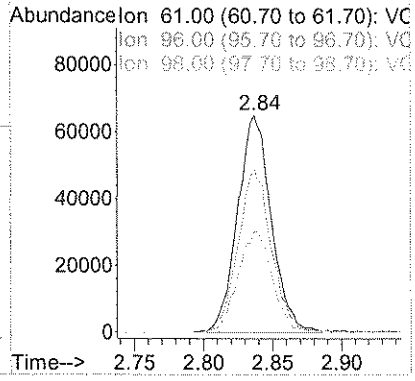


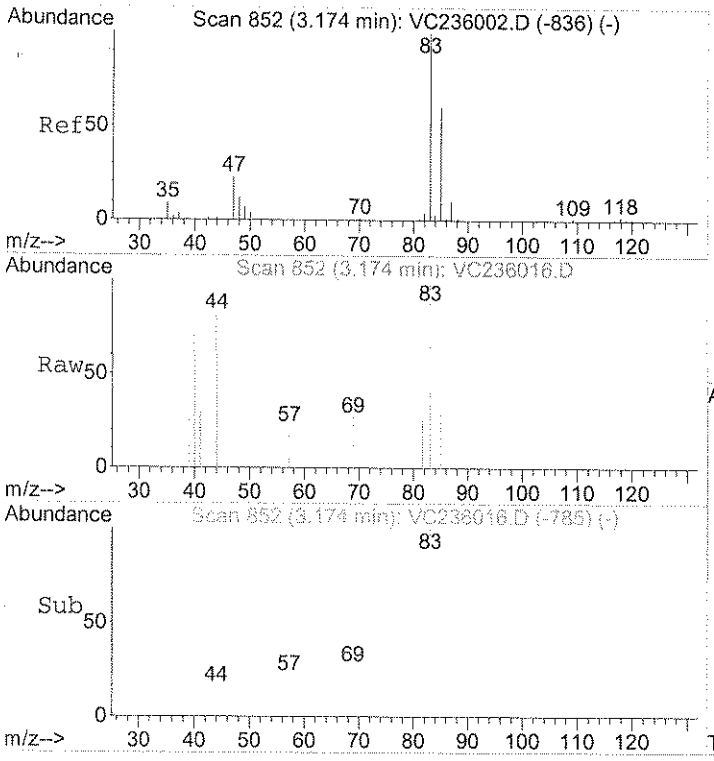


#33
CIS-1,2-DICHLOROETHENE
Concen: 16.05 UG/L
RT: 2.84 min Scan# 731
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 61 Resp: 110350

Ion	Ratio	Lower	Upper
61	100		
96	74.4	53.0	79.6
98	47.1	33.9	50.9

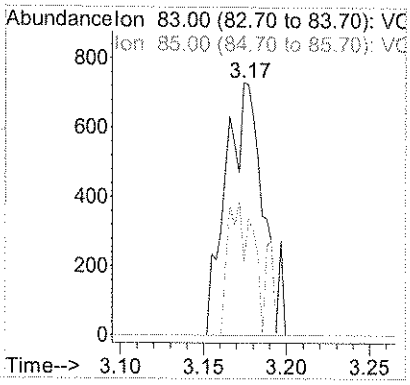


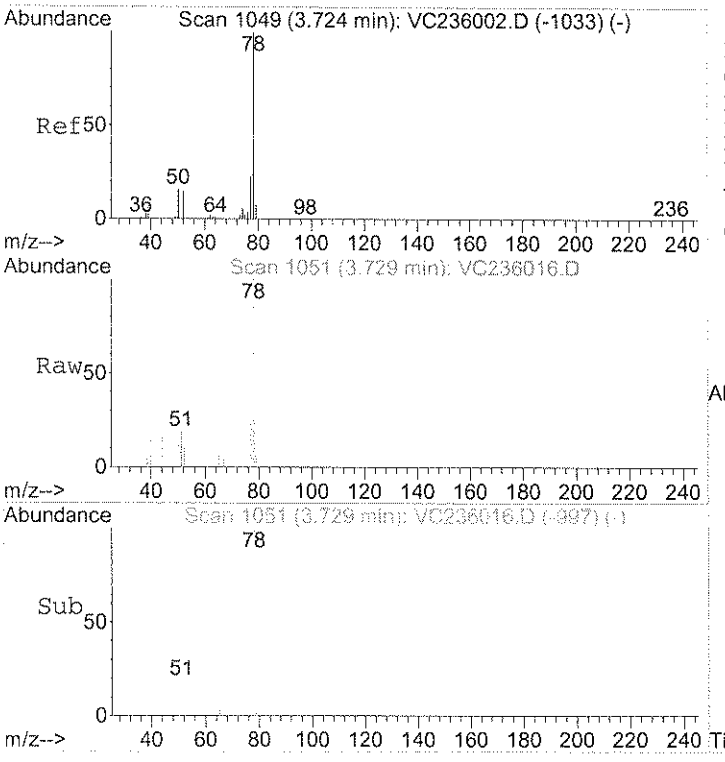


#40
CHLOROFORM
Concen: 0.14 UG/L m
RT: 3.17 min Scan# 852
Delta R.T. -0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 83 Resp: 1130

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.4	75.6#

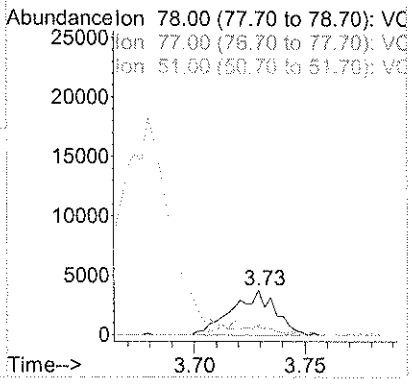


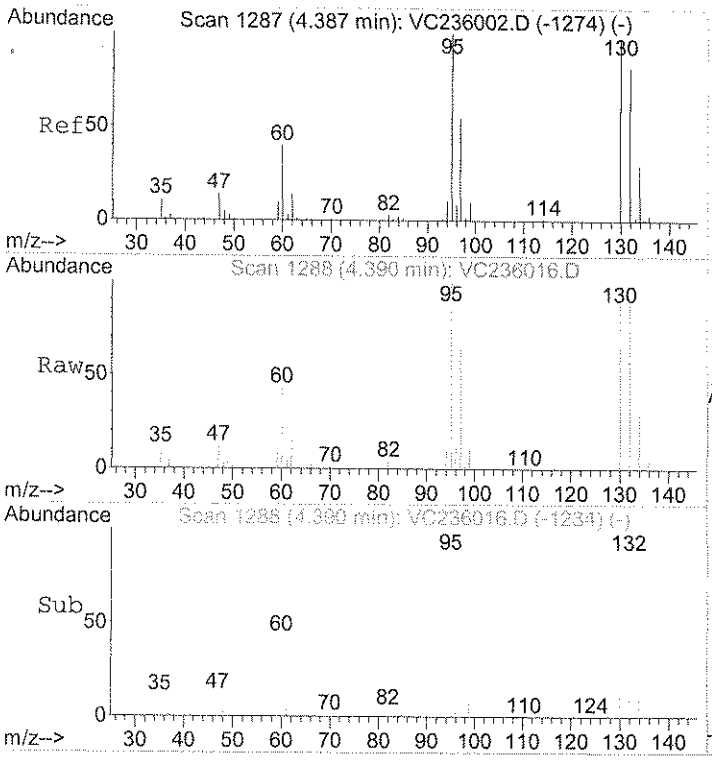


#45
BENZENE
Concen: 0.33 UG/L
RT: 3.73 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 78 Resp: 5148

Ion	Ratio	Lower	Upper
78	100		
77	12.5	18.6	28.0#
51	0.0	17.1	25.7#

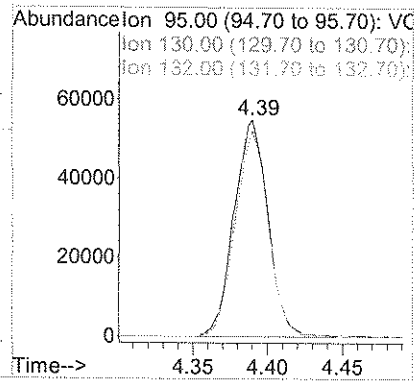


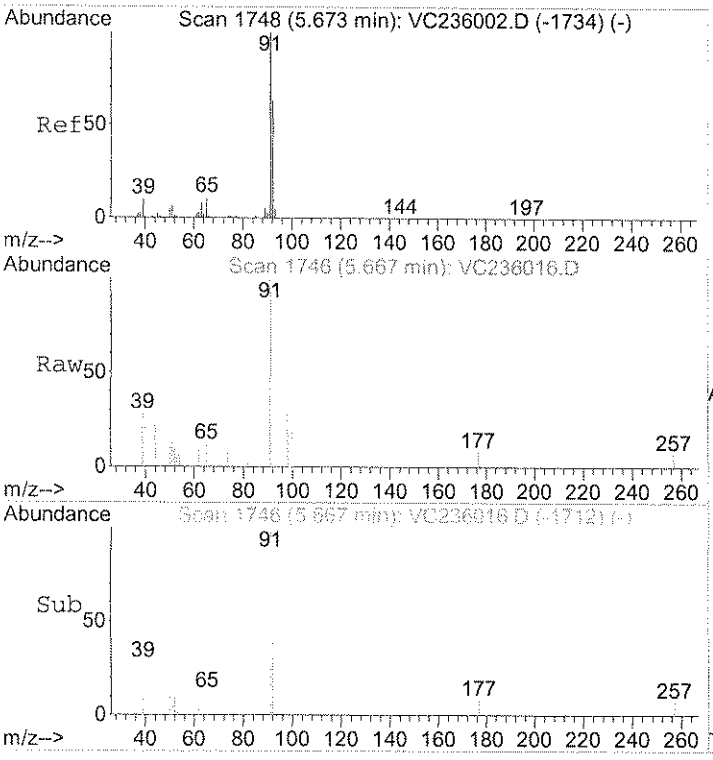


#51
TRICHLOROETHENE
Concen: 19.02 UG/L
RT: 4.39 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 95 Resp: 86759

Ion	Ratio	Lower	Upper
95	100		
130	95.2	77.3	115.9
132	92.1	74.7	112.1

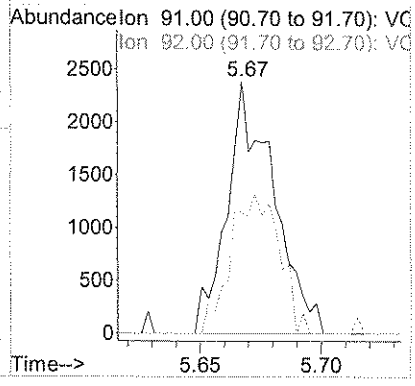


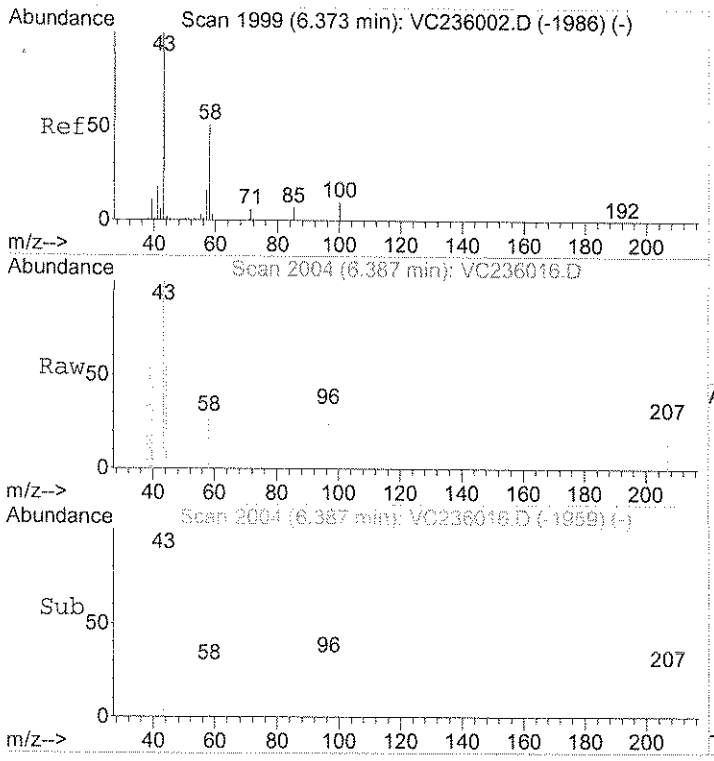


#61
TOLUENE
Concen: 0.18 UG/L
RT: 5.67 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 91 Resp: 3199

Ion	Ratio	Lower	Upper
91	100		
92	57.6	48.2	72.2

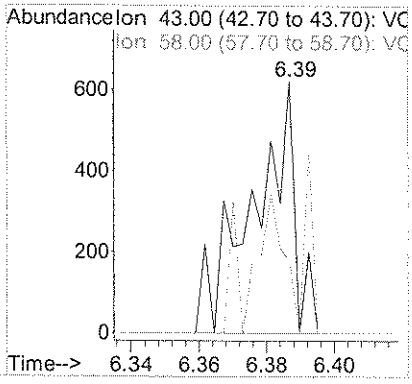


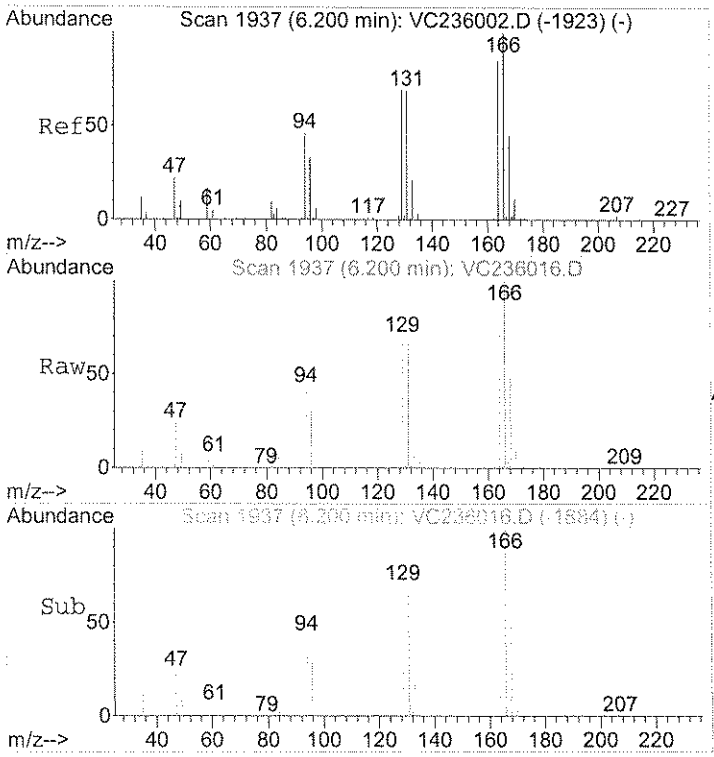


#65
2-HEXANONE
Concen: 0.22 UG/L
RT: 6.39 min Scan# 2004
Delta R.T. 0.01 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion: 43 Resp: 539

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.4	62.2#

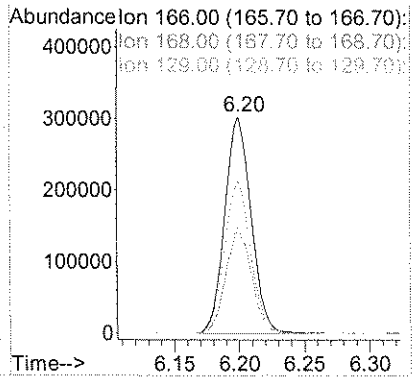


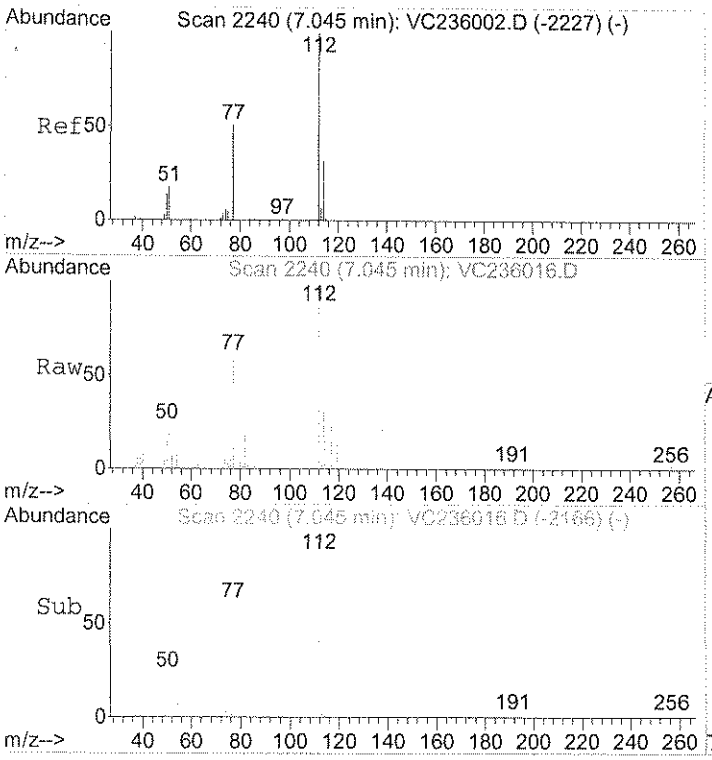


#66
TETRACHLOROETHENE
Concen: 87.87 UG/L
RT: 6.20 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

Tgt Ion:166 Resp: 428296

Ion	Ratio	Lower	Upper
166	100		
168	47.5	38.1	57.1
129	69.9	53.6	80.4

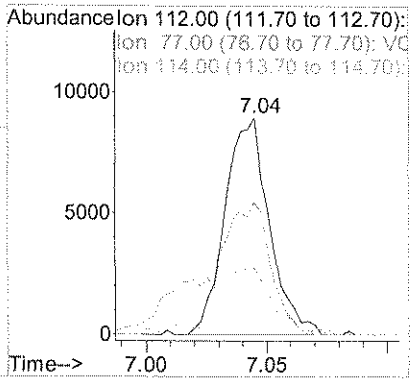




#72
CHLOROBENZENE
Concen: 0.97 UG/L
RT: 7.04 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VC236016.D
Acq: 24 Aug 2011 9:22 pm

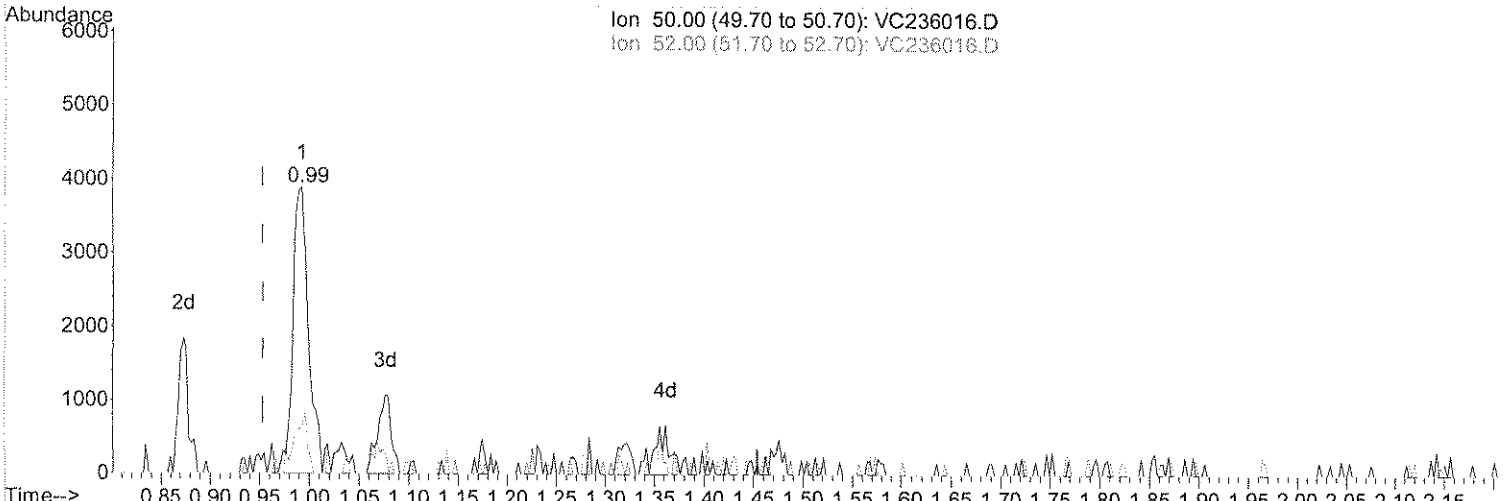
Tgt Ion:112 Resp: 11474

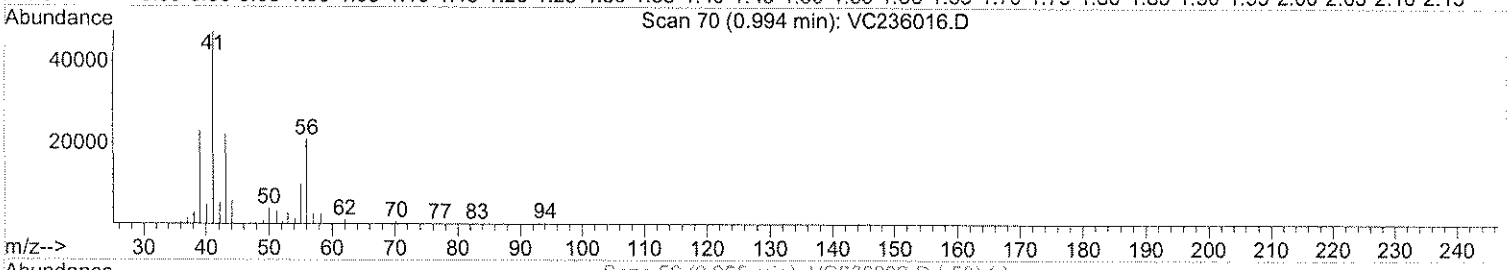
Ion	Ratio	Lower	Upper
112	100		
77	60.0	47.9	71.9
114	32.8	26.2	39.4

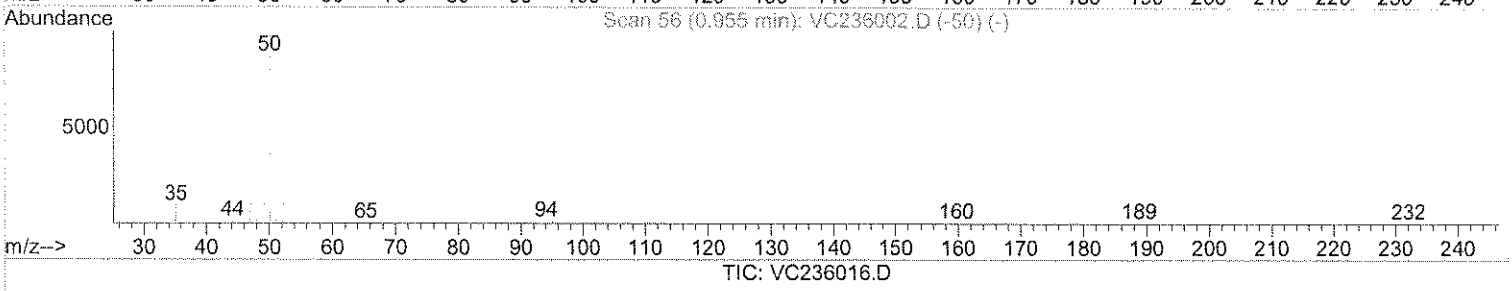


Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236016.D

(5) CHLOROMETHANE (P)

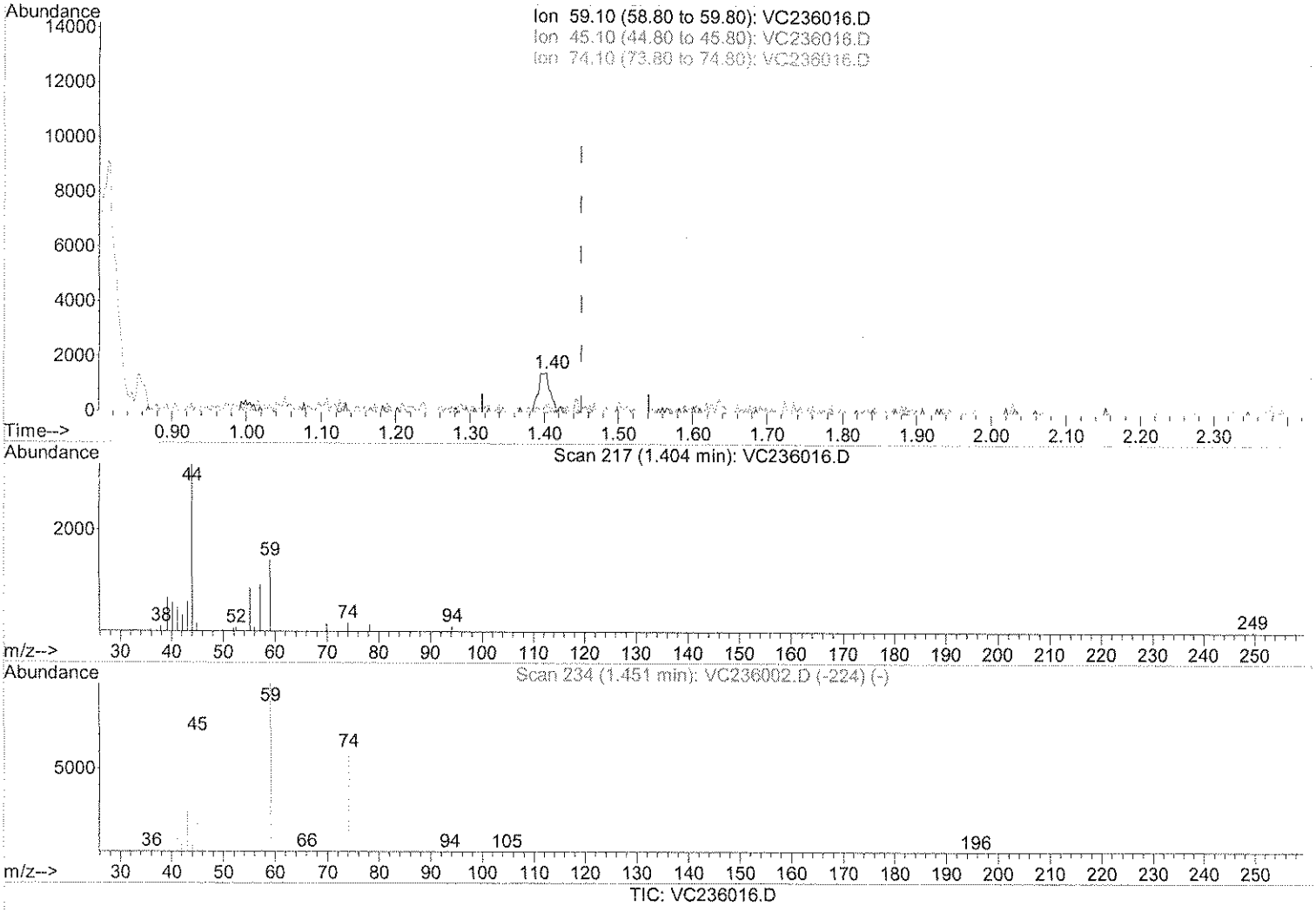
0.994min (+0.040) 1.00UG/L

response 4322

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	17.61#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236016.D

(12) DI ETHYL ETHER

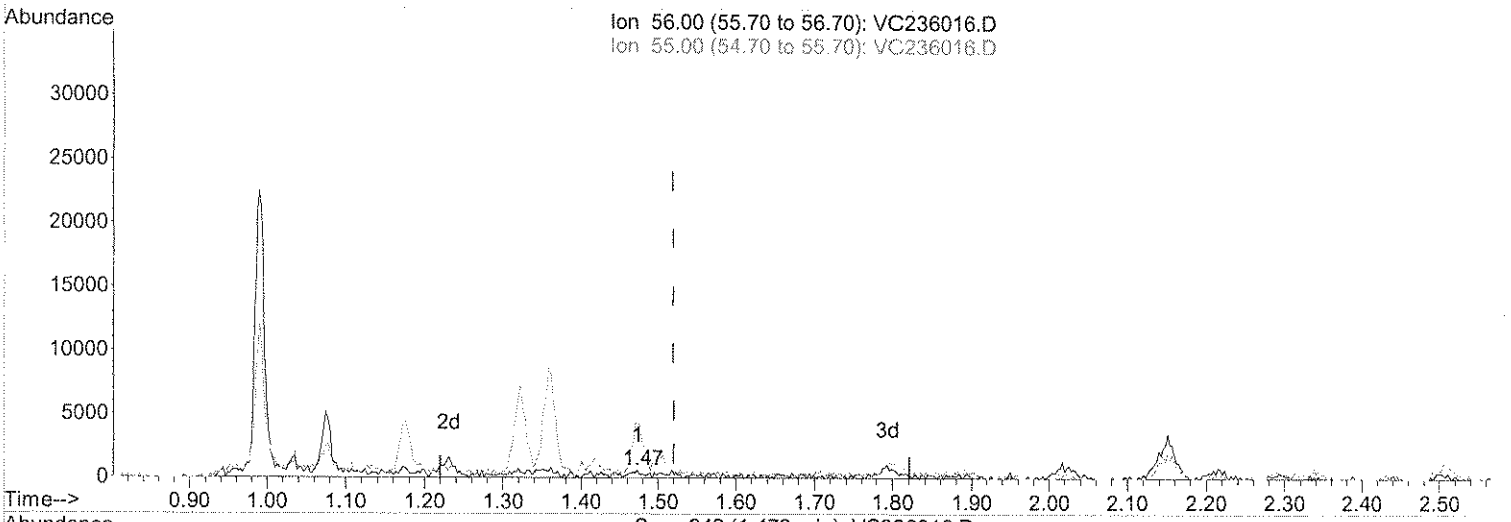
1.404min (-0.047) 0.72UG/L

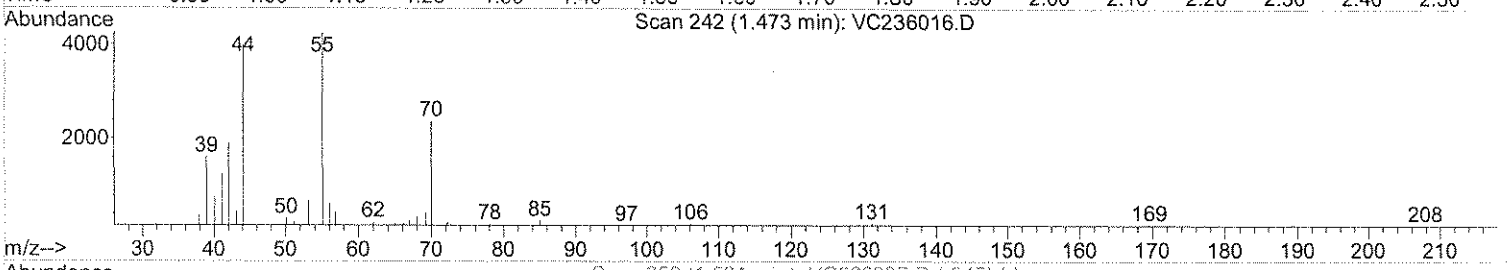
response 1686

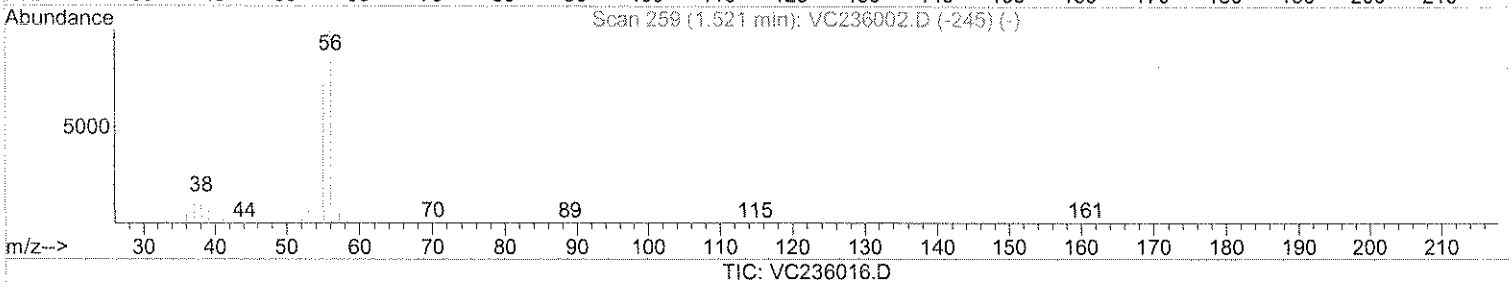
Ion	Exp%	Act%
59.10	100	100
45.10	78.90	0.00#
74.10	66.20	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236016.D

(13) ACROLEIN

1.473min (-0.047) 1.76UG/L

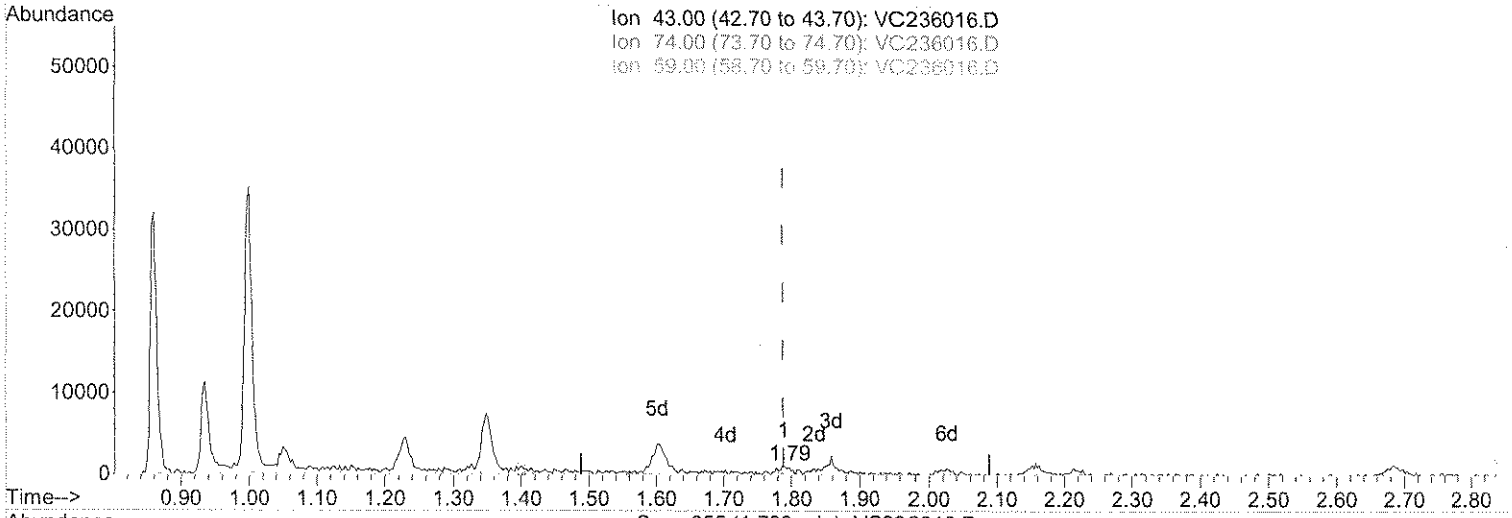
response 598

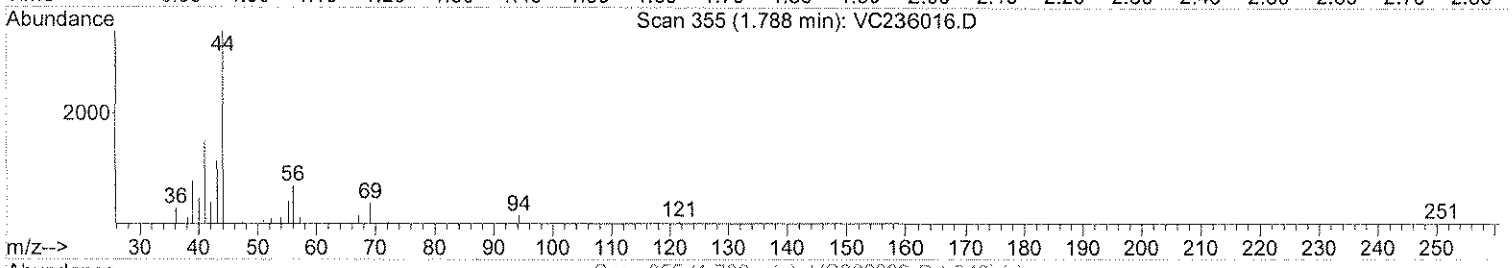
Ion	Exp%	Act%
56.00	100	100
55.00	75.70	664.05#
0.00	0.00	0.00
0.00	0.00	0.00

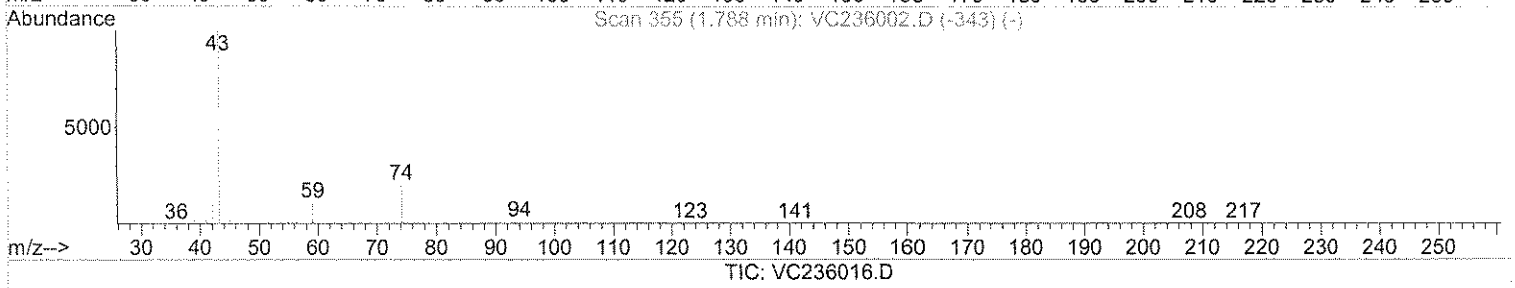
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236016.D

(20) METHYL ACETATE

1.788min (+0.000) 0.22UG/L

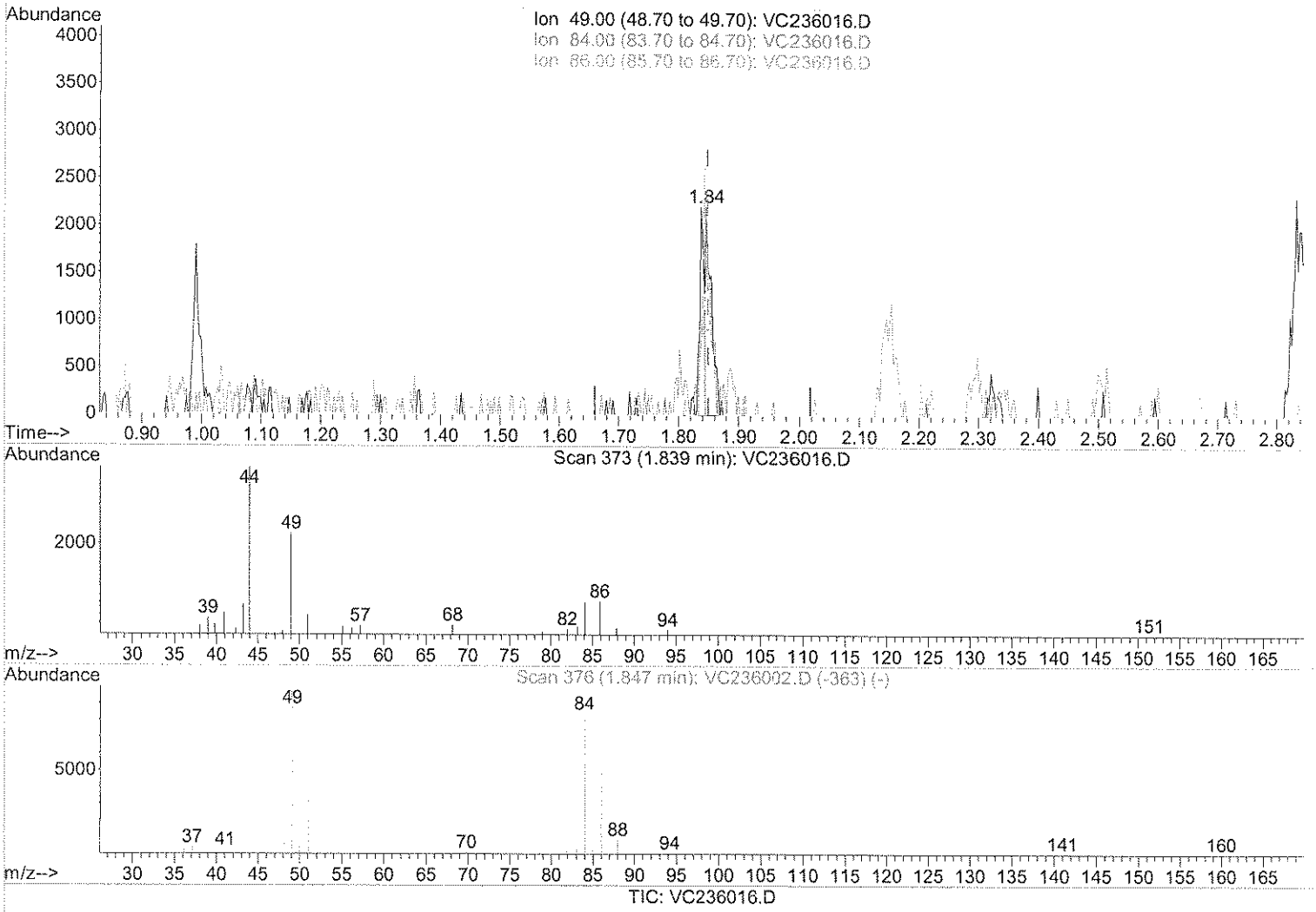
response 1077

Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236016.D

(23) METHYLENE CHLORIDE

1.839min (-0.011) 0.24UG/L

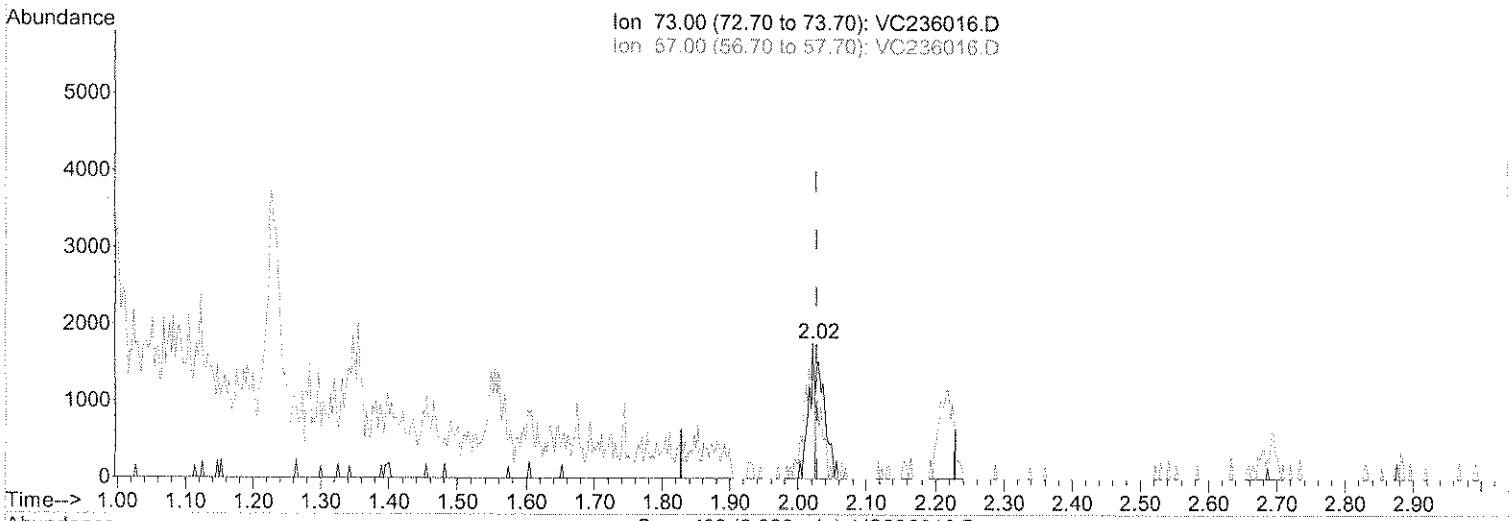
response 1152

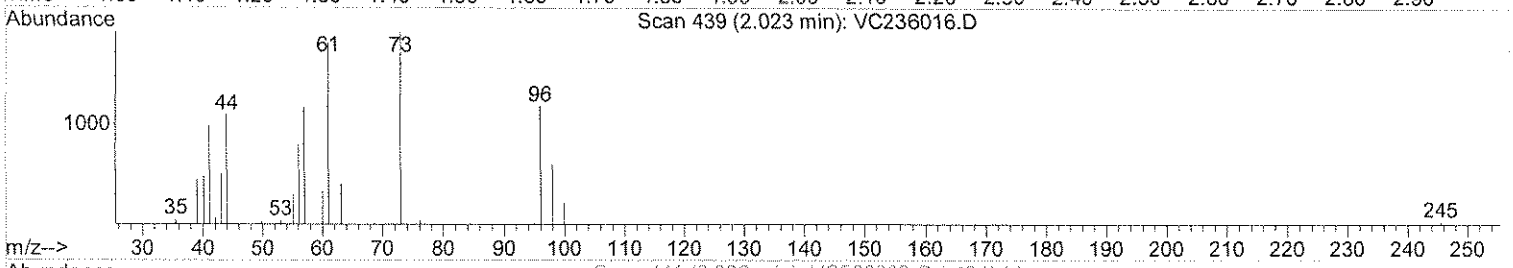
3

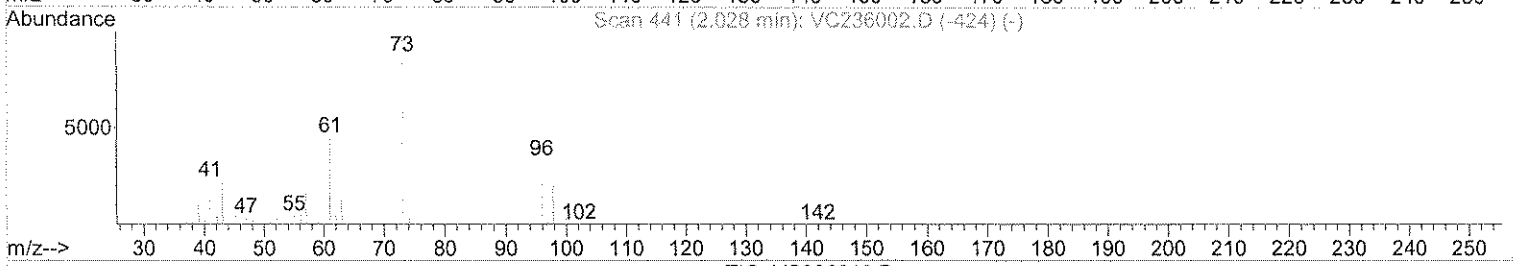
Ion	Exp%	Act%
49.00	100	100
84.00	78.80	190.54#
86.00	48.90	78.73#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236016.D

(25) METHYL TERT-BUTYL ETHER (MTBE)

2.023min (-0.006) 0.10UG/L

response 1196

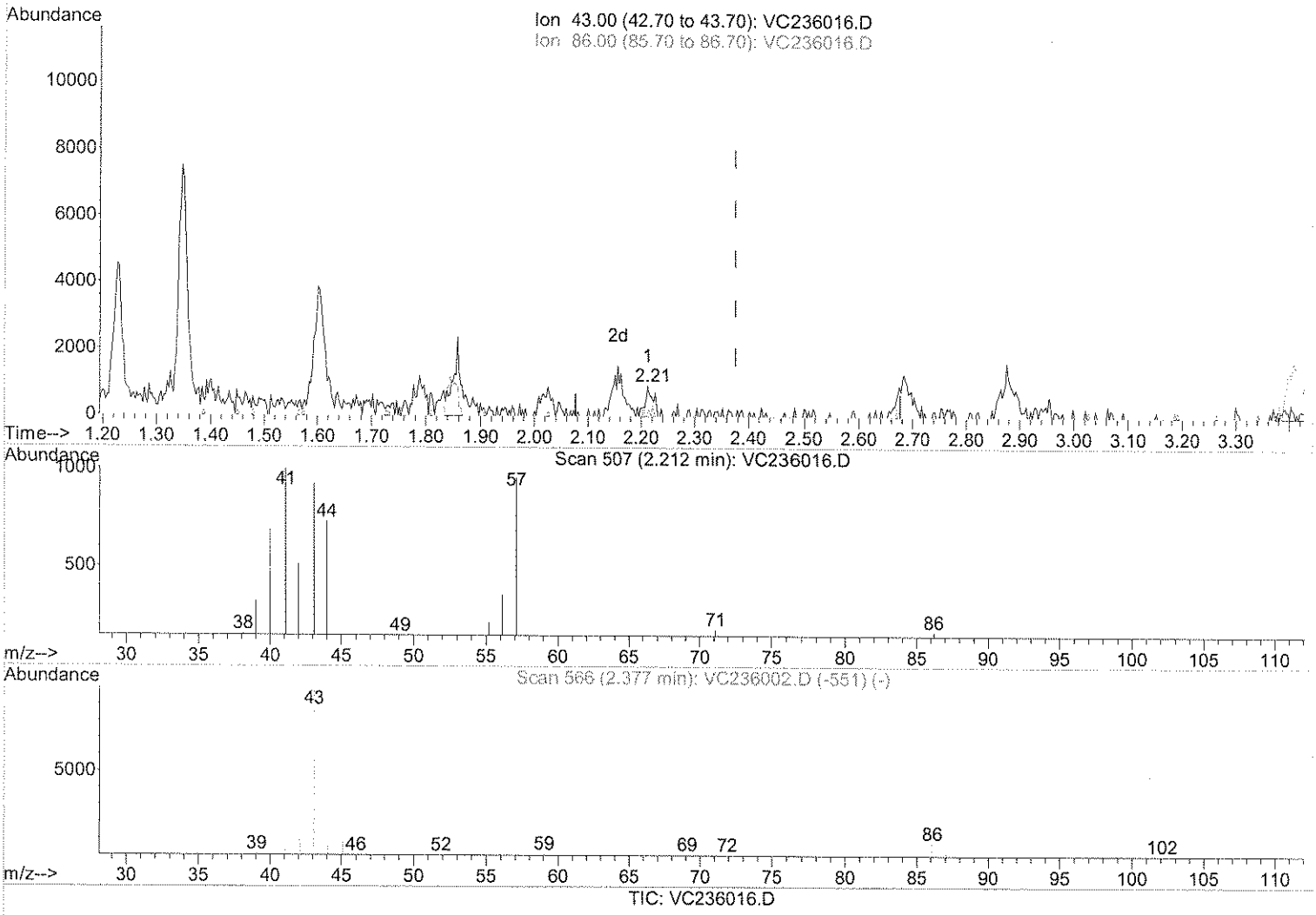
Ion	Exp%	Act%
73.00	100	100
57.00	19.80	195.82#
0.00	0.00	0.00
0.00	0.00	0.00

3

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



(28) VINYL ACETATE

2.212min (-0.164) 0.13UG/L

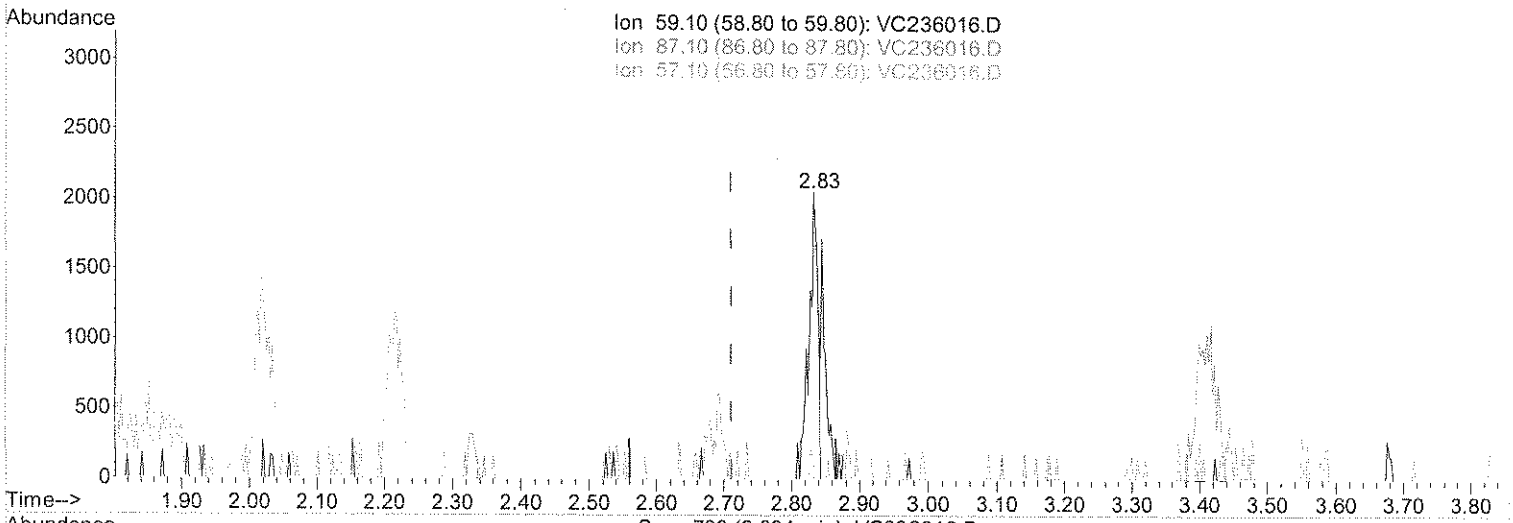
response 978

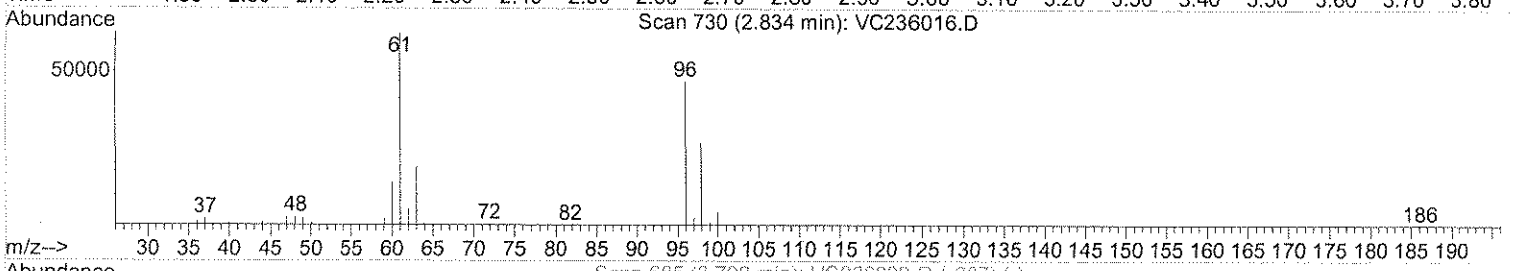
Ion	Exp%	Act%
43.00	100	100
86.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

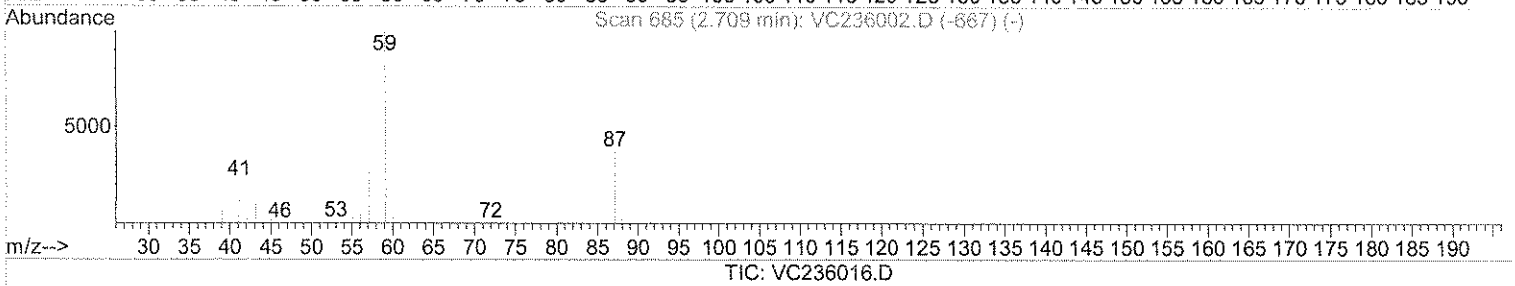
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236016.D

(32) T-BUTYL ETHYL ETHER

2.834min (+0.123) 0.14UG/L

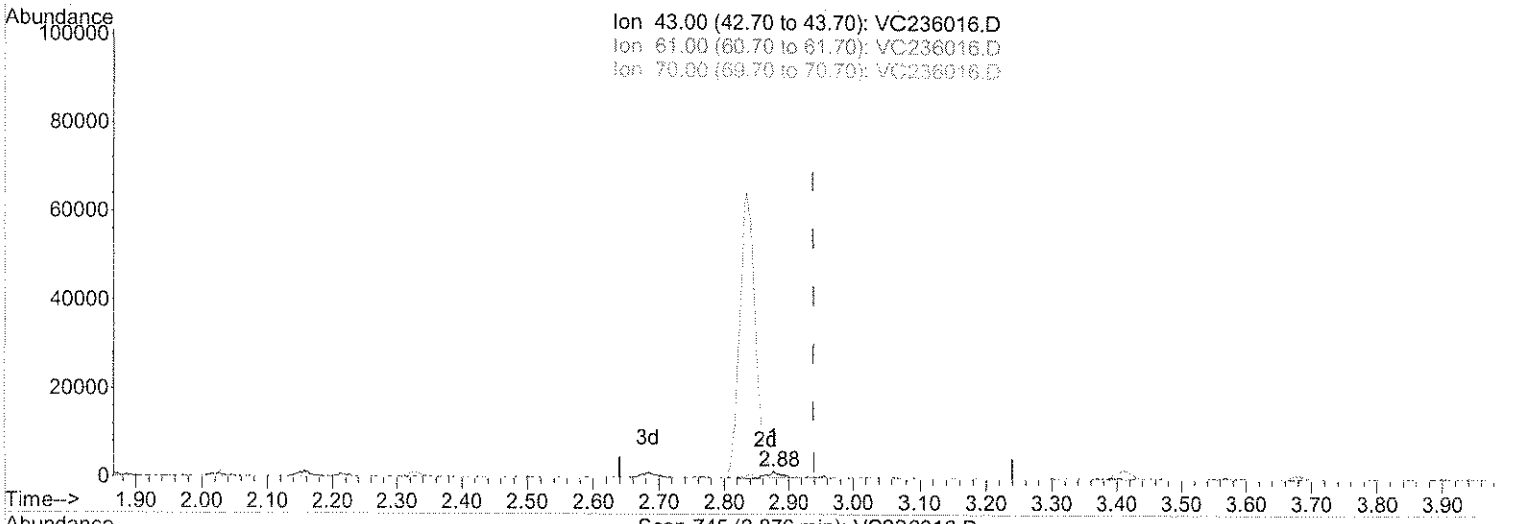
response 1906

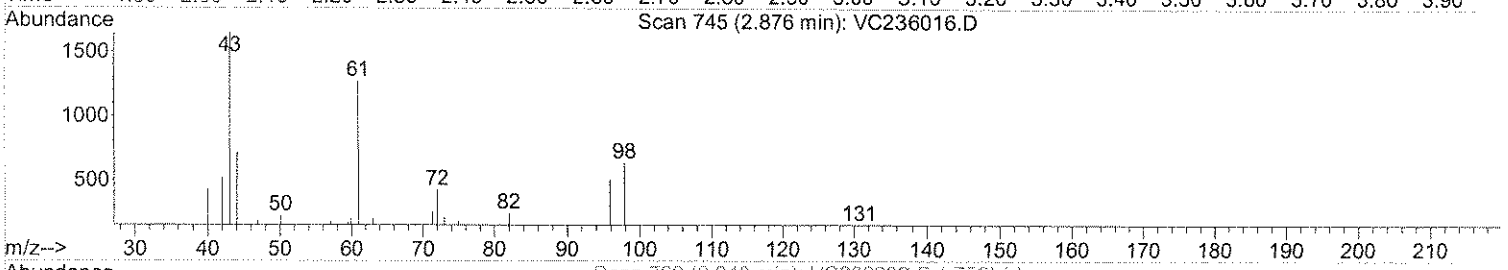
Ion	Exp%	Act%
59.10	100	100
87.10	39.00	0.00#
57.10	28.20	0.00#
0.00	0.00	0.00

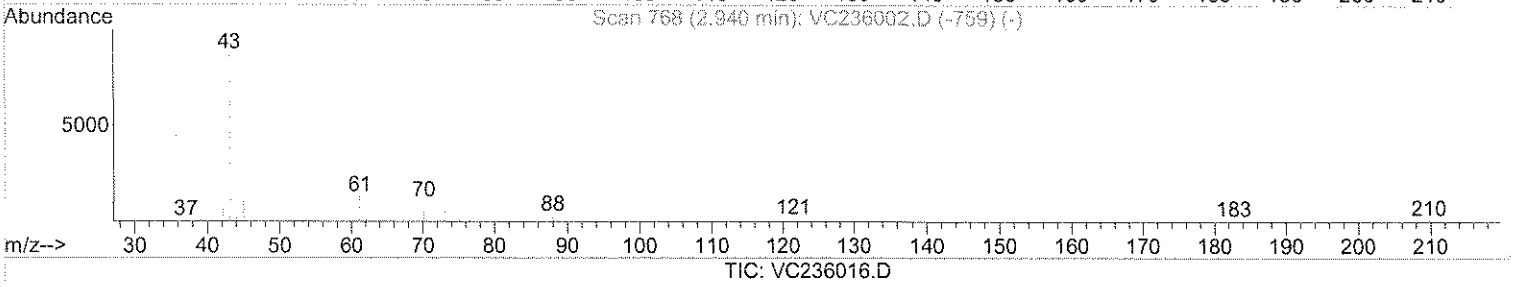
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236016.D

(35) ETHYL ACETATE

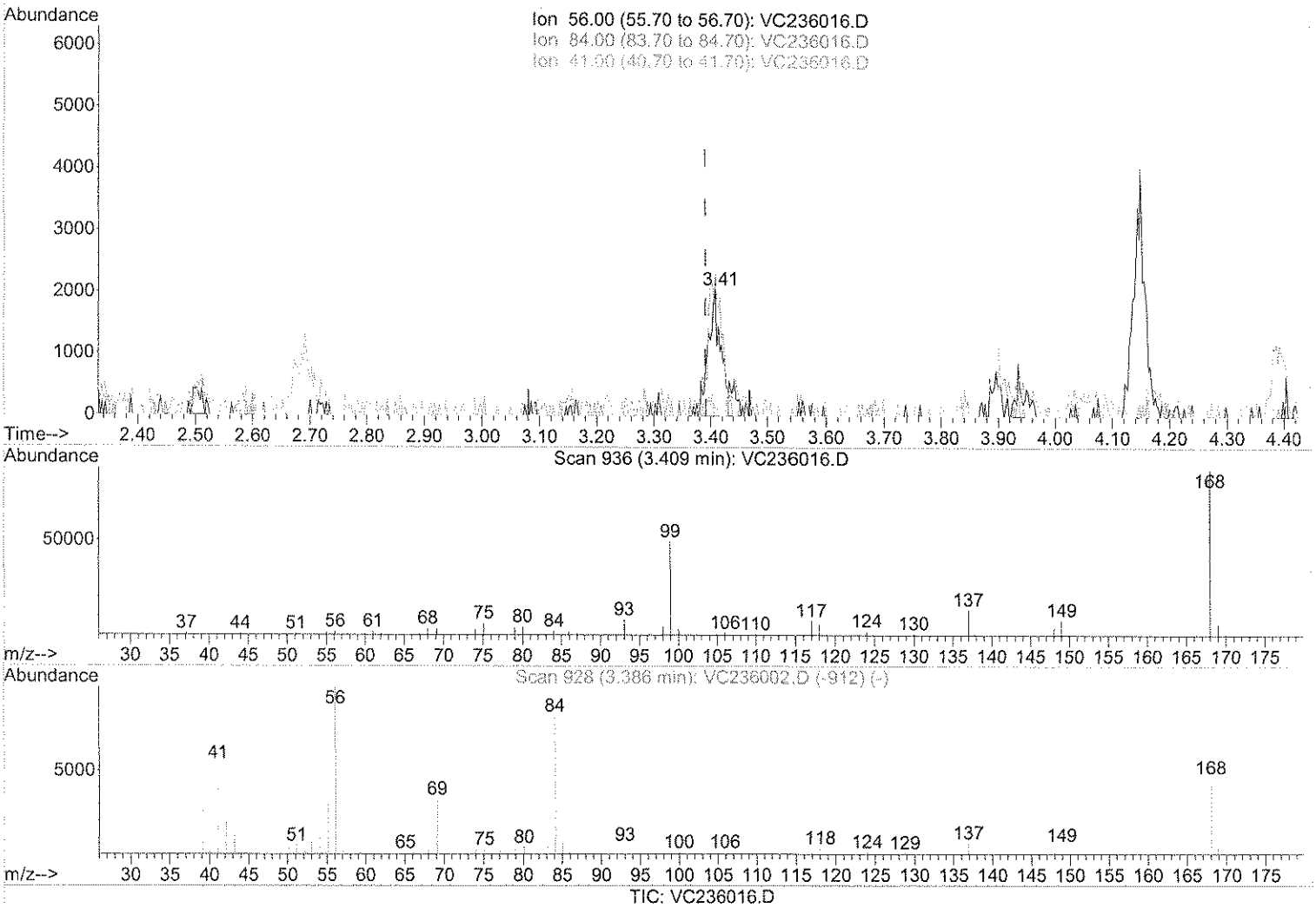
2.876min (-0.064) 0.37UG/L

response 1576

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236016.D

(42) CYCLOHEXANE

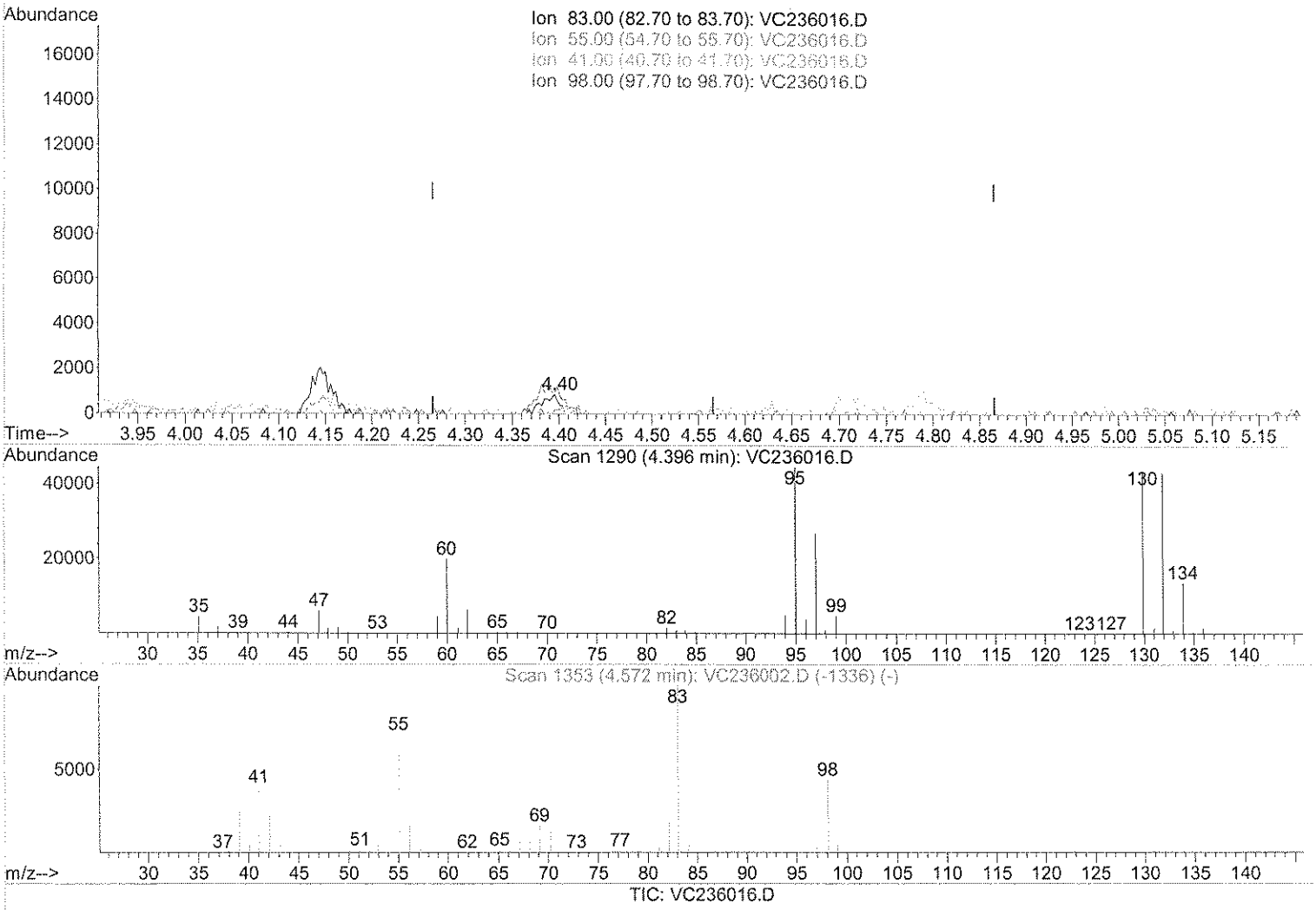
3.409min (+0.017) 0.52UG/L

response 3090

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	128.38#
41.00	62.90	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236016.D

(52) METHYLCYCLOHEXANE

4.396min (-0.170) 0.20UG/L

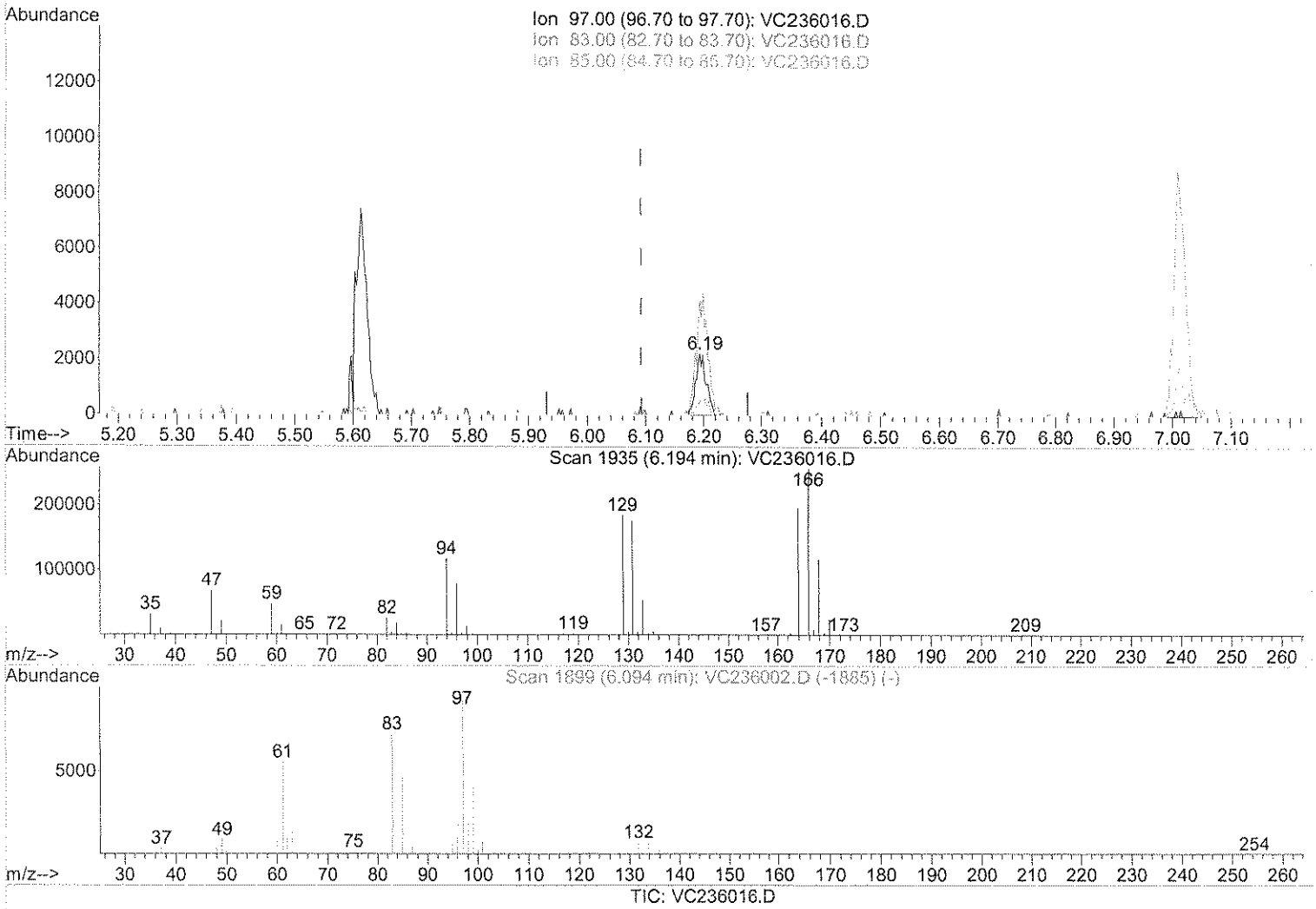
response 1116

Ion	Exp%	Act%
83.00	100	100
55.00	79.10	0.00#
41.00	45.10	0.00#
98.00	44.00	102.15#

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236016.D
Acq On : 24 Aug 2011 9:22 pm
Operator :
Sample : 11H0909-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 25 07:34:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236016.D

(64) 1,1,2-TRICHLOROETHANE

6.194min (+0.100) 0.74UG/L

response 2838

Ion	Exp%	Act%
97.00	100	100
83.00	85.10	211.98#
85.00	53.70	27.63#
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW16-025

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-07	File ID:	VC236017.D
Sampled:	08/22/11 12:00	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 21:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW16-025

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-07	File ID:	VC236017.D
Sampled:	08/22/11 12:00	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 21:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW16-025

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-07	File ID:	VC236017.D
Sampled:	08/22/11 12:00	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 21:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW16-025

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-07	File ID:	VC236017.D
Sampled:	08/22/11 12:00	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 21:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236017.D
Acq On : 24 Aug 2011 9:53 pm
Operator :
Sample : 11H0909-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

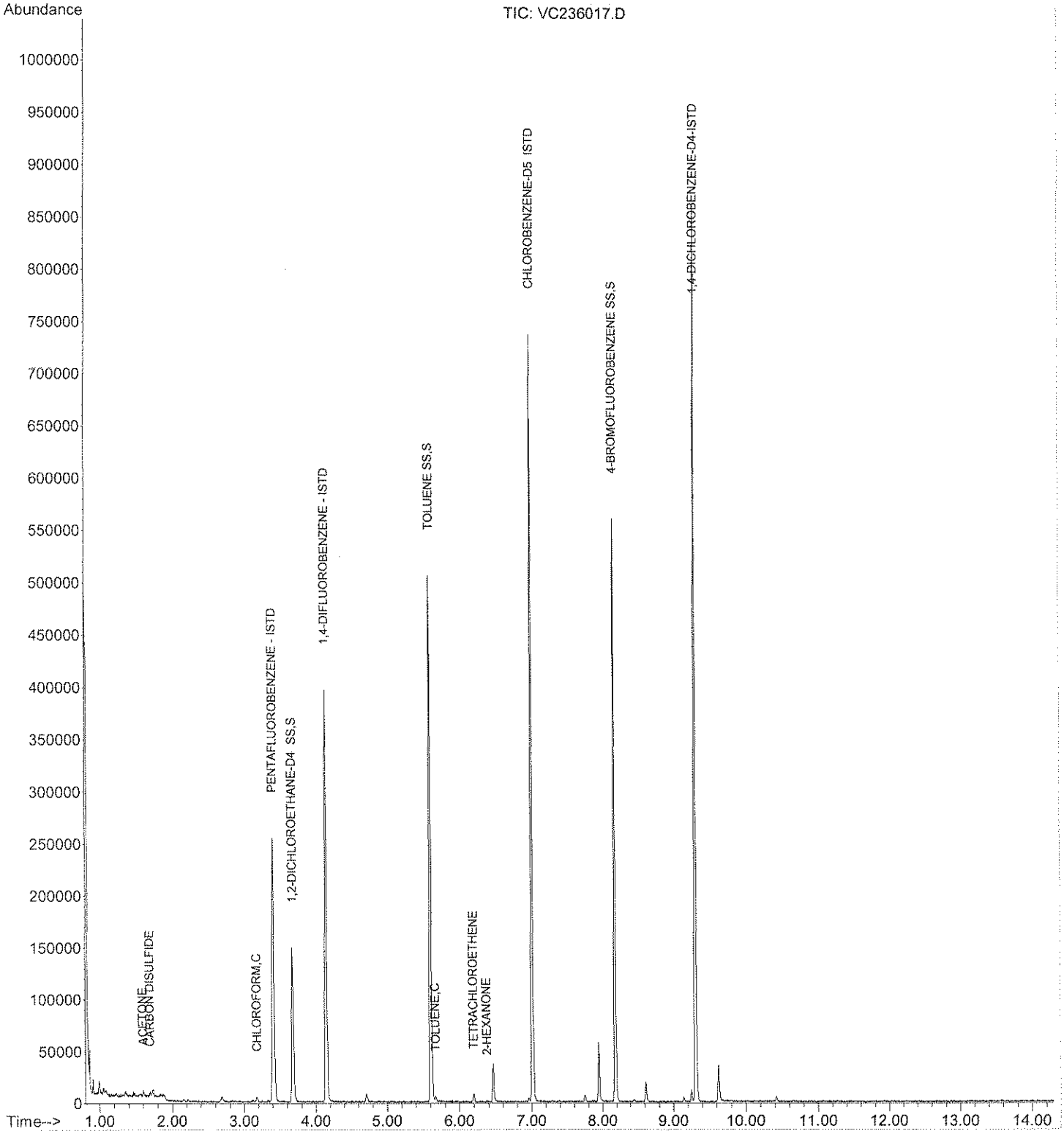
Quant Time: Aug 25 10:58:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

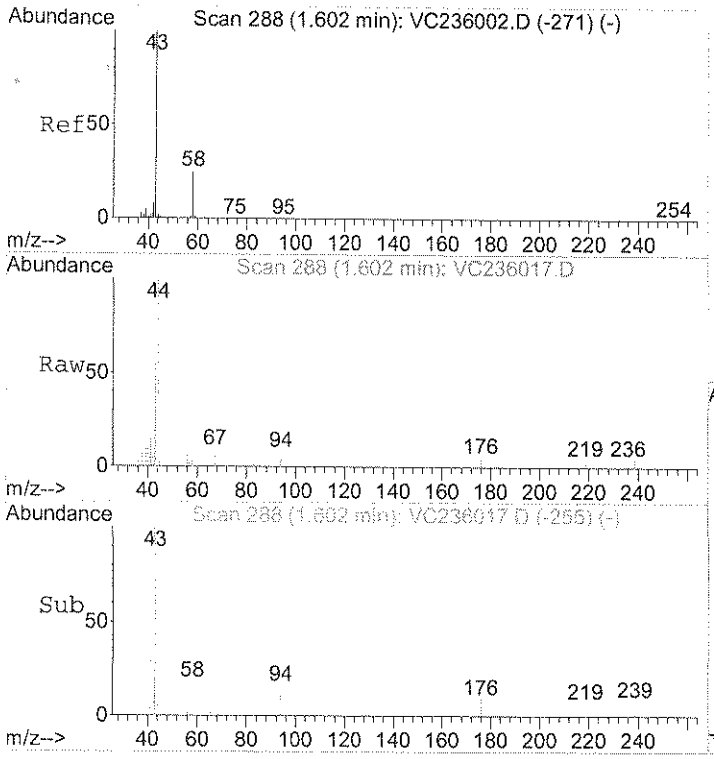
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	177318	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	280963	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	184020	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	190222	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	97788	26.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.28%			
49) TOLUENE SS	5.61	98	283852	25.30	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.20%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	147956	24.43	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.72%			
Target Compounds						Qvalue
14) ACETONE	1.60	43	2766	2.90	UG/L #	87
24) CARBON DISULFIDE	1.69	76	1478	0.15	UG/L #	100
40) CHLOROFORM	3.17	83	3162m	0.36	UG/L	
61) TOLUENE	5.67	91	2497m	0.13	UG/L	
65) 2-HEXANONE	6.38	43	497m	0.19	UG/L	
66) TETRACHLOROETHENE	6.20	166	1866	0.36	UG/L #	70

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

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236017.D
Acq On : 24 Aug 2011 9:53 pm
Operator :
Sample : 11H0909-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 25 10:58:59 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

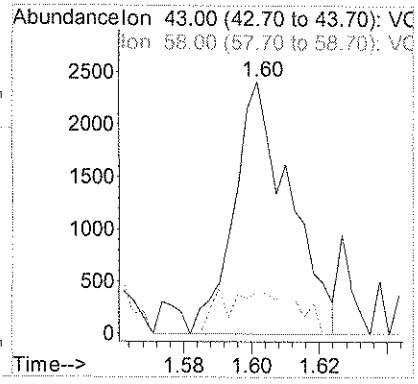


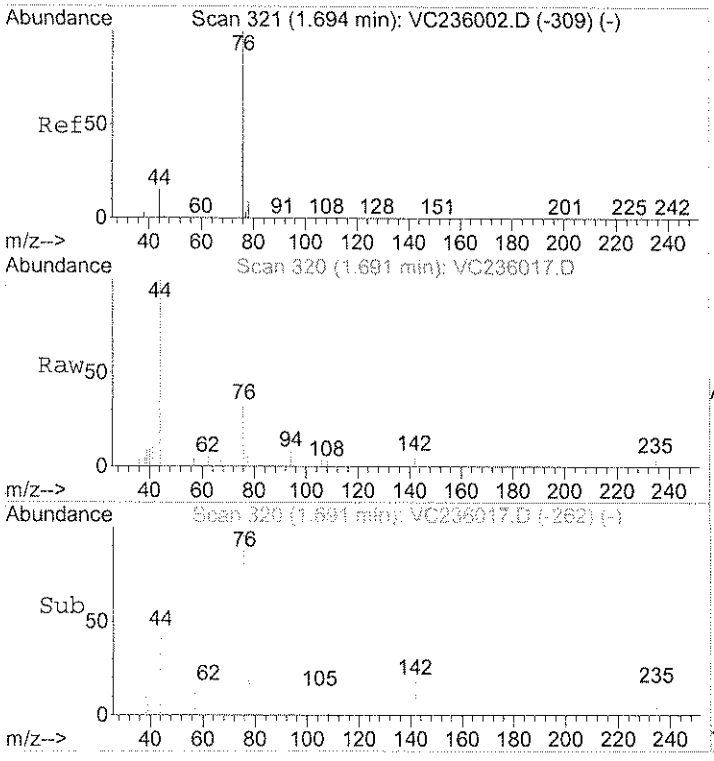


#14
ACETONE
Concen: 2.90 UG/L
RT: 1.60 min Scan# 288
Delta R.T. -0.00 min
Lab File: VC236017.D
Acq: 24 Aug 2011 9:53 pm

Tgt Ion: 43 Resp: 2766

Ion	Ratio	Lower	Upper
43	100		
58	18.8	20.2	30.2#

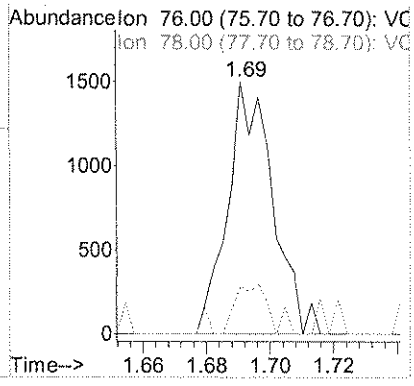


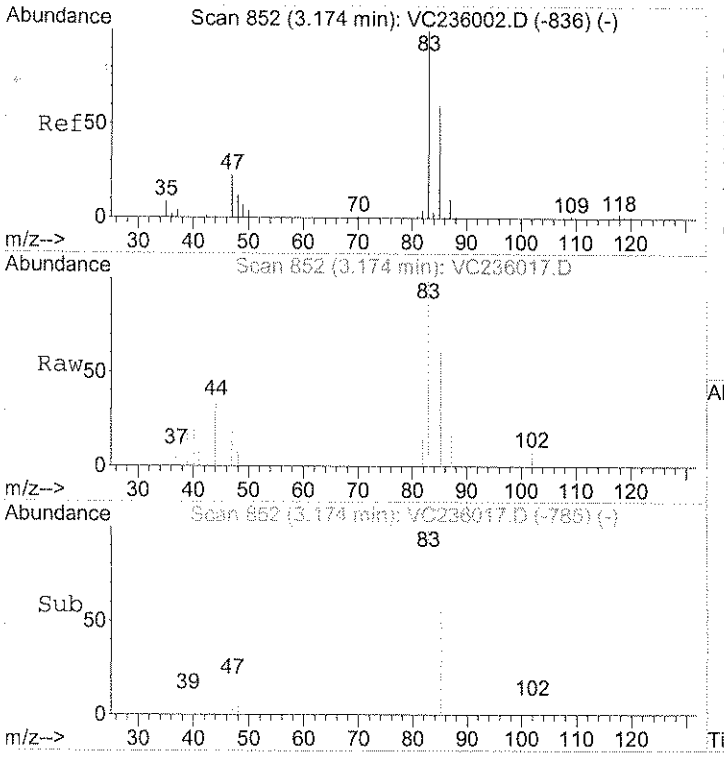


#24
CARBON DISULFIDE
Concen: 0.15 UG/L
RT: 1.69 min Scan# 320
Delta R.T. -0.00 min
Lab File: VC236017.D
Acq: 24 Aug 2011 9:53 pm

Tgt Ion: 76 Resp: 1478

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

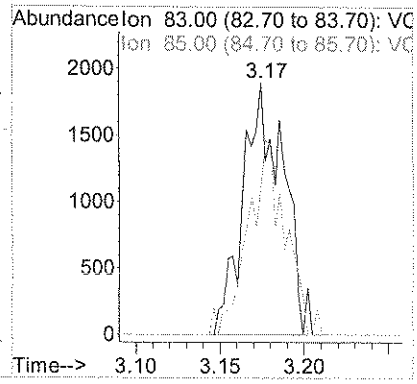


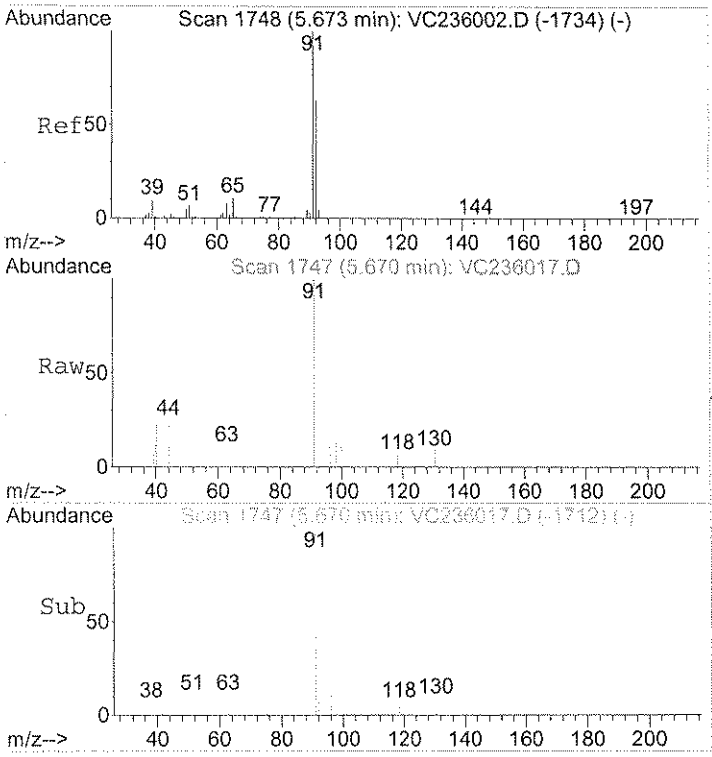


#40
CHLOROFORM
Concen: 0.36 UG/L m
RT: 3.17 min Scan# 852
Delta R.T. -0.00 min
Lab File: VC236017.D
Acq: 24 Aug 2011 9:53 pm

Tgt Ion: 83 Resp: 3162

Ion	Ratio	Lower	Upper
83	100		
85	70.2	50.4	75.6

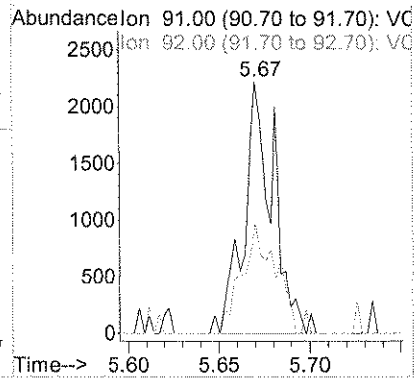


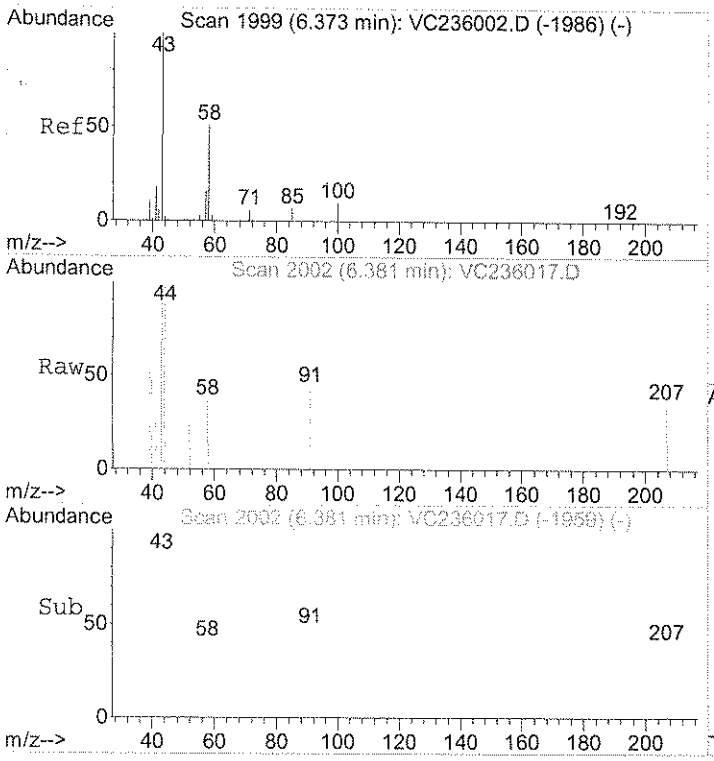


#61
TOLUENE
Concen: 0.13 UG/L m
RT: 5.67 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VC236017.D
Acq: 24 Aug 2011 9:53 pm

Tgt Ion: 91 Resp: 2497

Ion	Ratio	Lower	Upper
91	100		
92	49.7	48.2	72.2

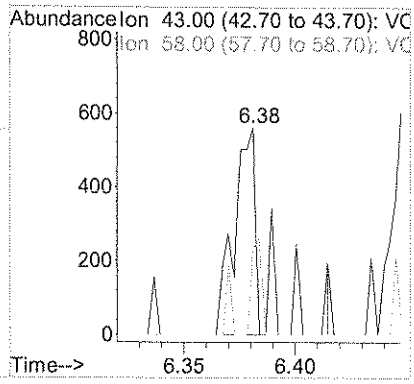


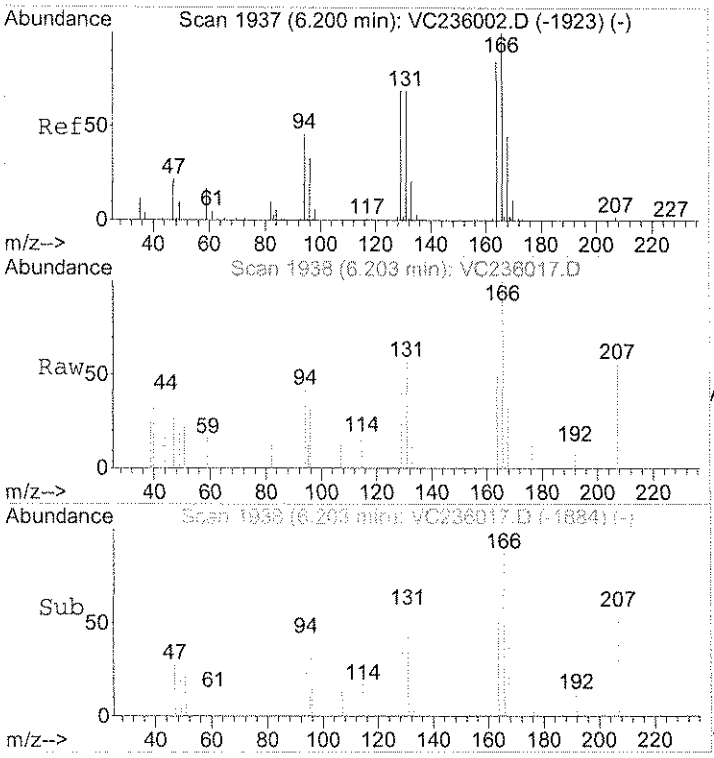


#65
2-HEXANONE
Concen: 0.19 UG/L m
RT: 6.38 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VC236017.D
Acq: 24 Aug 2011 9:53 pm

Tgt Ion: 43 Resp: 497

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.4	62.2#

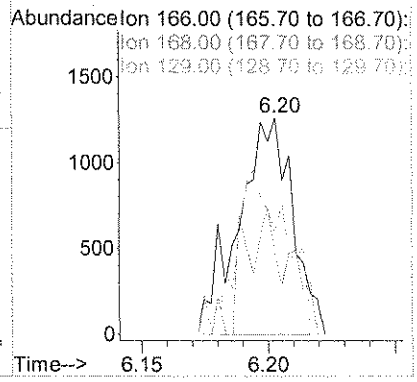




#66
TETRACHLOROETHENE
Concen: 0.36 UG/L
RT: 6.20 min Scan# 1938
Delta R.T. 0.01 min
Lab File: VC236017.D
Acq: 24 Aug 2011 9:53 pm

Tgt Ion:166 Resp: 1866

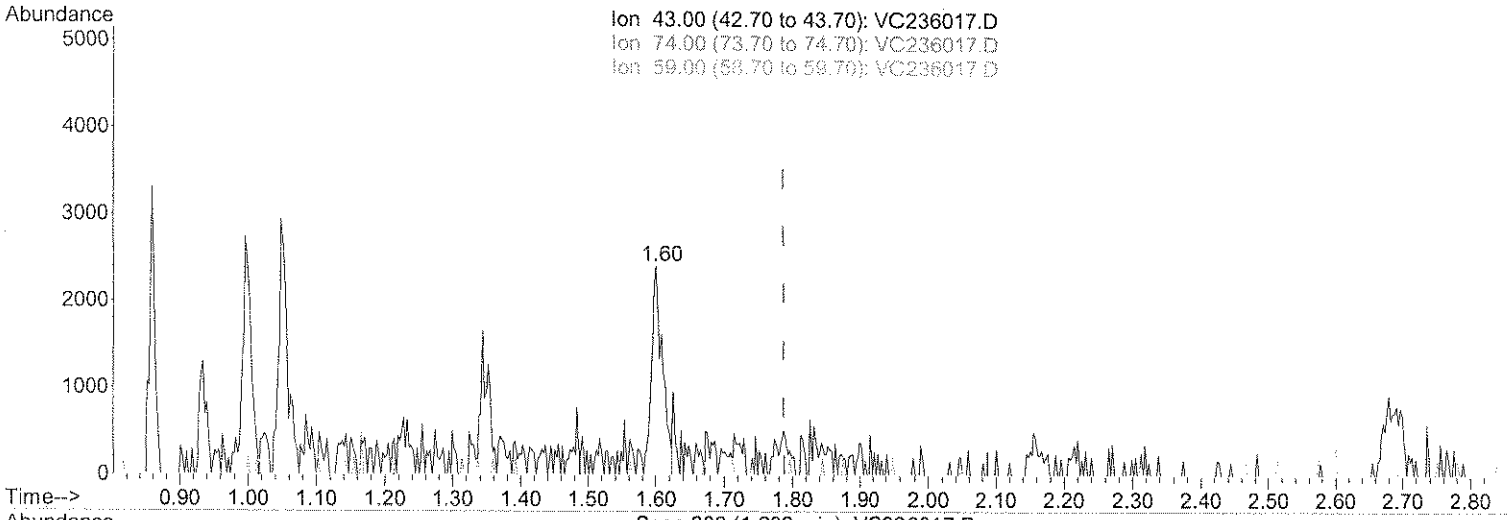
Ion	Ratio	Lower	Upper
166	100		
168	0.0	38.1	57.1#
129	66.1	53.6	80.4

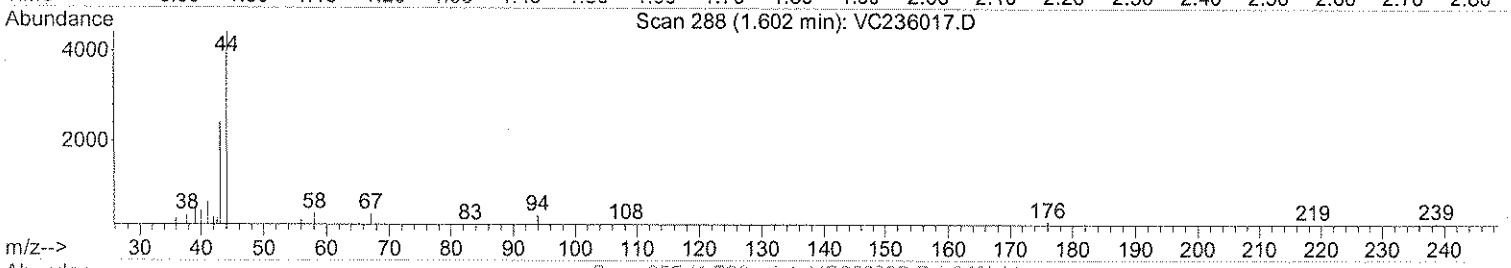


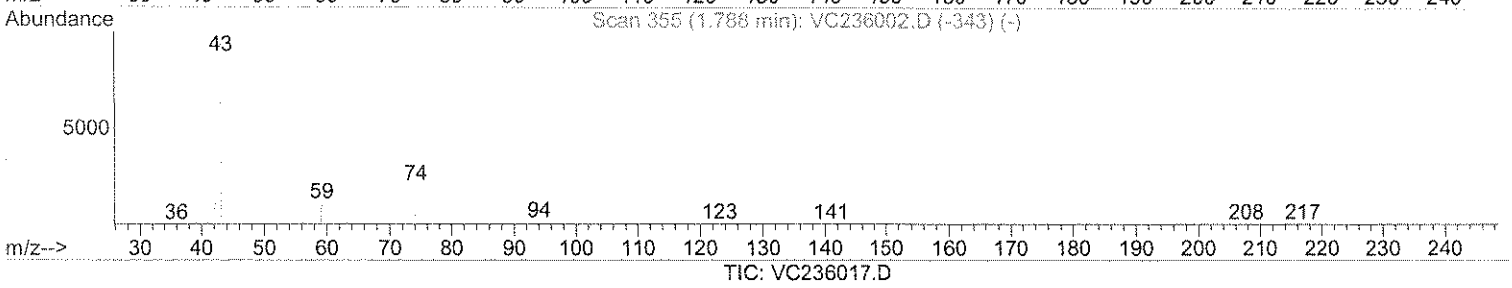
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236017.D
Acq On : 24 Aug 2011 9:53 pm
Operator :
Sample : 11H0909-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 25 07:34:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236017.D

(20) METHYL ACETATE

1.602min (-0.187) 0.52UG/L

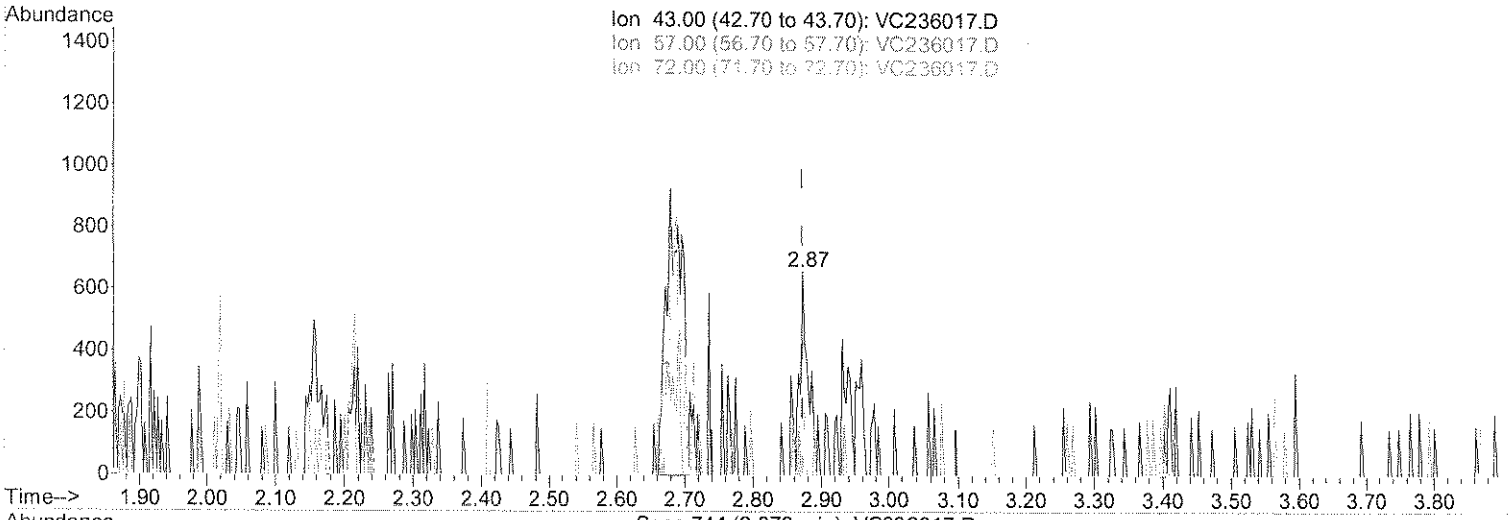
response 2766

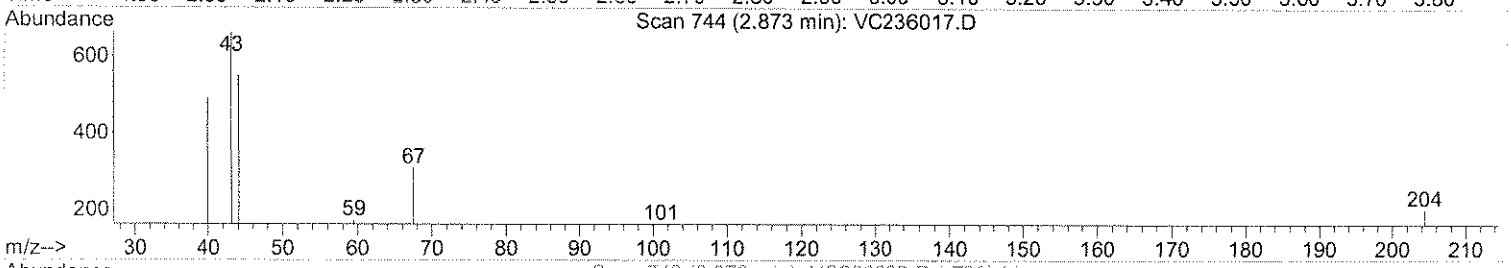
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

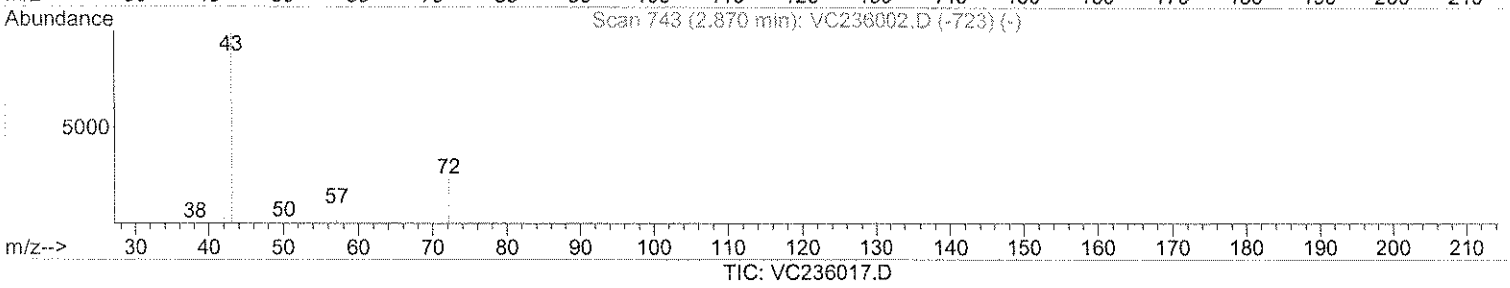
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236017.D
Acq On : 24 Aug 2011 9:53 pm
Operator :
Sample : 11H0909-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 25 07:34:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236017.D

(31) 2-BUTANONE

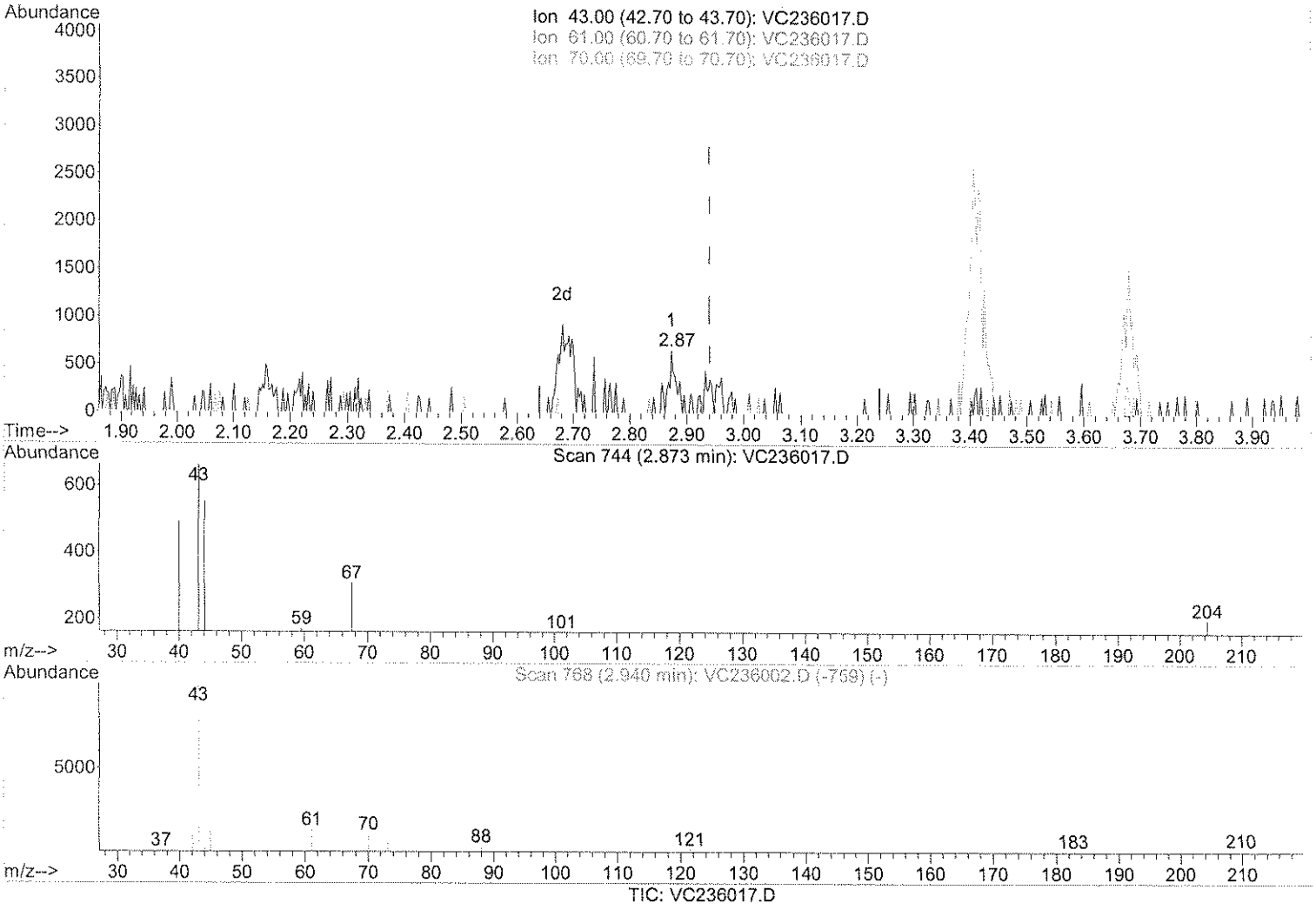
2.873min (+0.000) 0.33UG/L

response 551

Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00#
72.00	23.60	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236017.D
Acq On : 24 Aug 2011 9:53 pm
Operator :
Sample : 11H0909-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 25 07:34:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236017.D

(35) ETHYL ACETATE

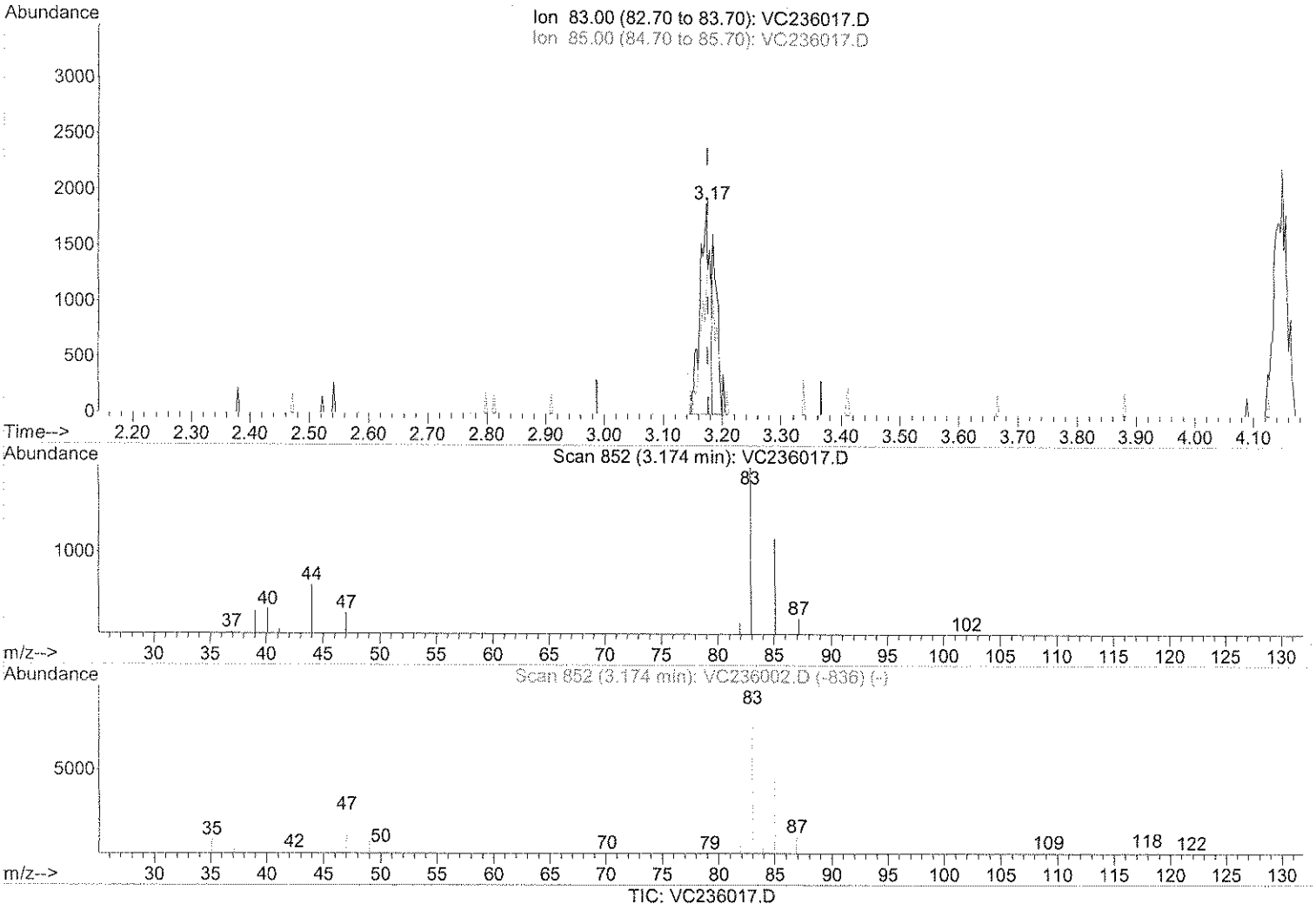
2.873min (-0.067) 0.12UG/L

response 551

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236017.D
Acq On : 24 Aug 2011 9:53 pm
Operator :
Sample : 11H0909-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 25 07:34:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



(40) CHLOROFORM (C)

3.174min (-0.003) 0.25UG/L

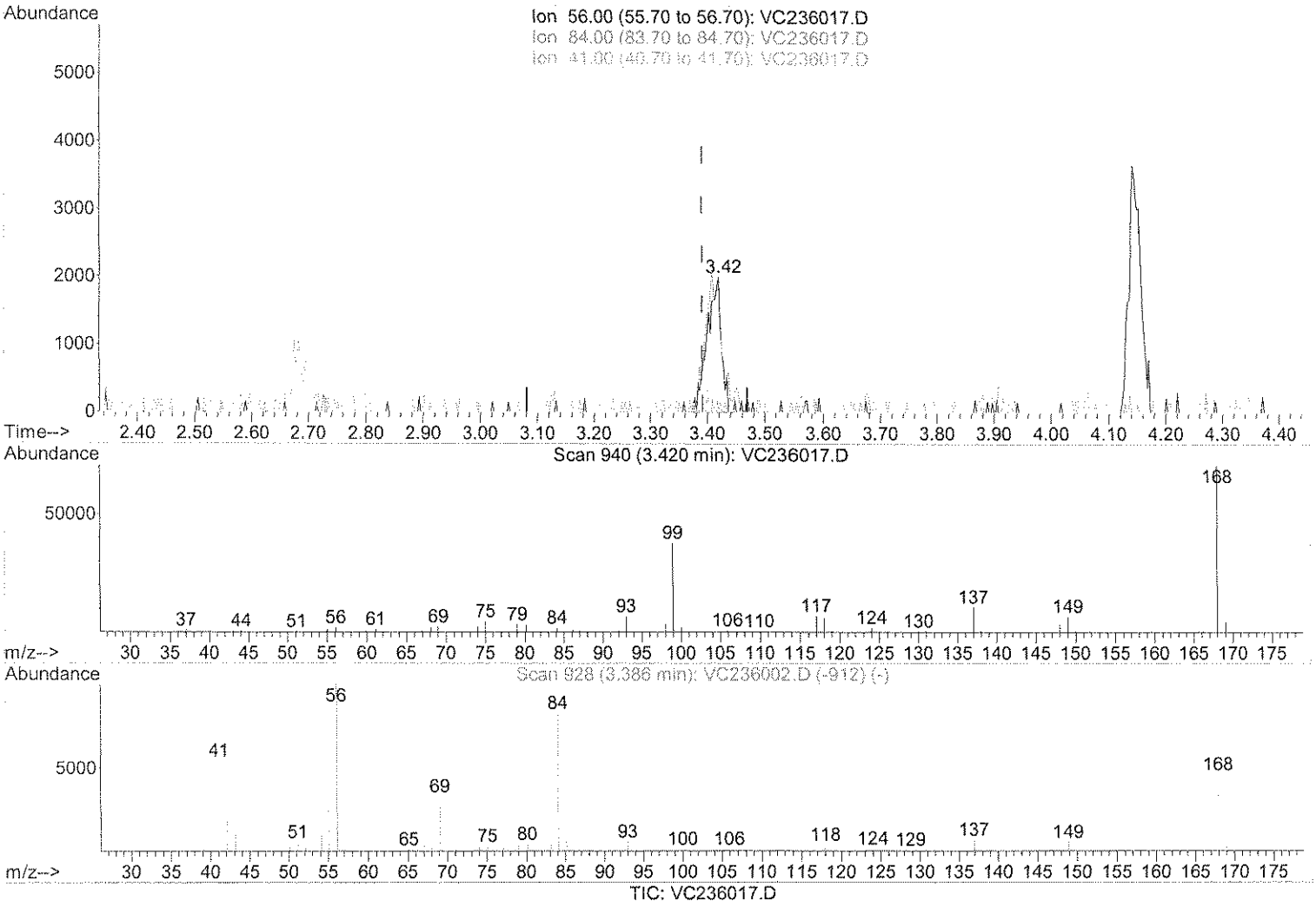
response 2224

Ion	Exp%	Act%
83.00	100	100
85.00	63.00	99.82#
0.00	0.00	0.00
0.00	0.00	0.00

3

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236017.D
Acq On : 24 Aug 2011 9:53 pm
Operator :
Sample : 11H0909-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 25 07:34:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236017.D

(42) CYCLOHEXANE

3.420min (+0.028) 0.54UG/L

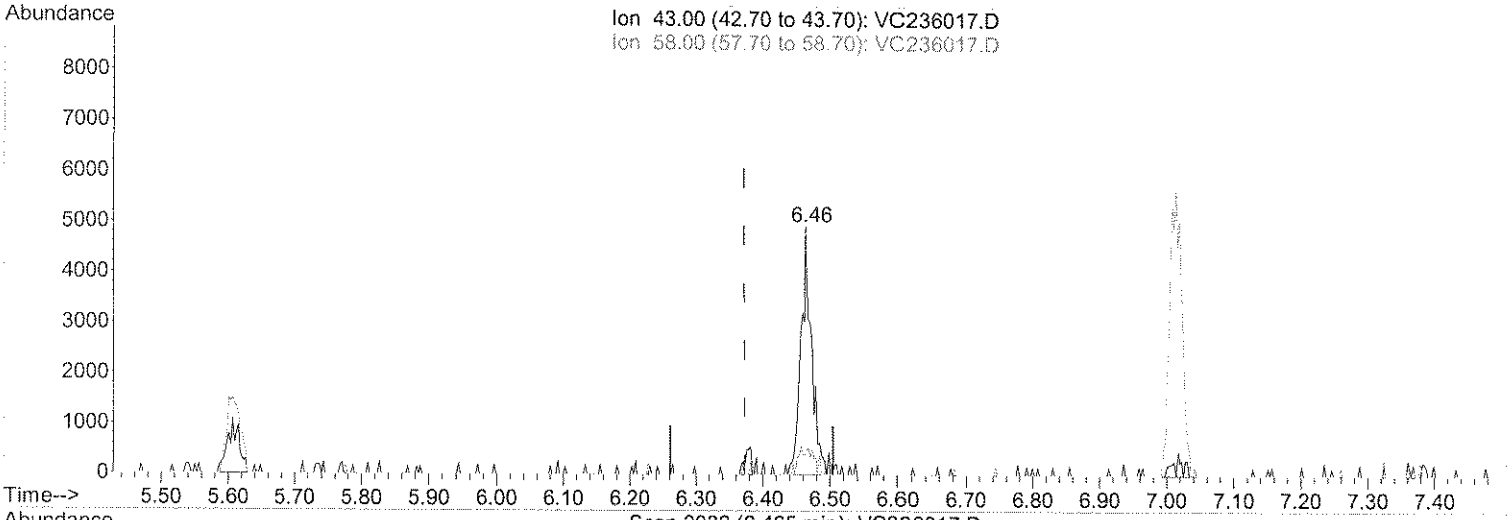
response 3429

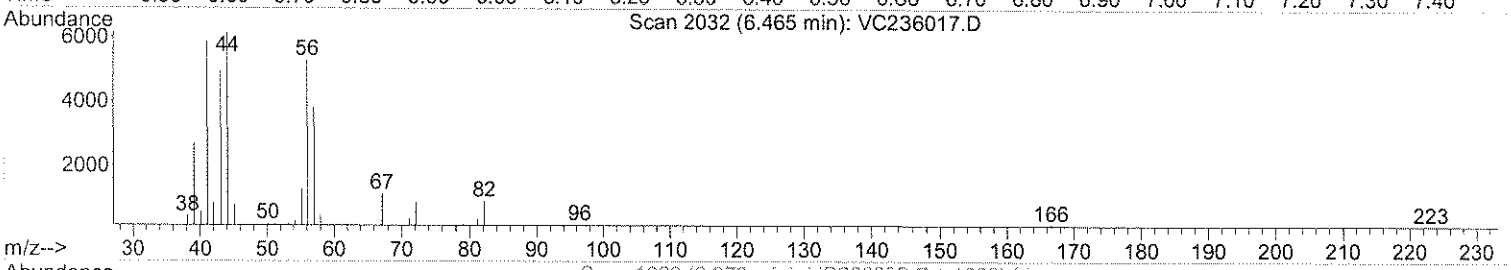
Ion	Exp%	Act%
56.00	100	100
84.00	92.50	103.82
41.00	62.90	0.00#
0.00	0.00	0.00

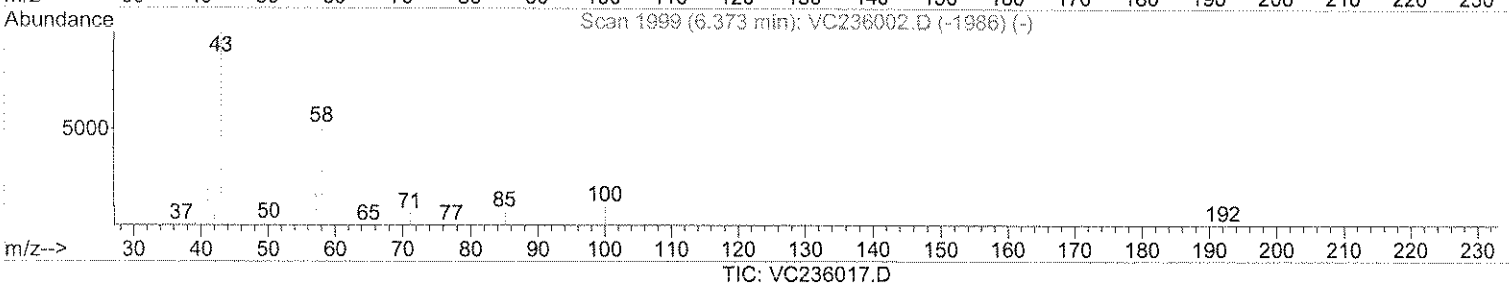
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236017.D
Acq On : 24 Aug 2011 9:53 pm
Operator :
Sample : 11H0909-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 25 07:34:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236017.D

(65) 2-HEXANONE

6.465min (+0.092) 2.13UG/L

response 5489

Ion	Exp%	Act%
43.00	100	100
58.00	51.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW16-050

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-08	File ID:	VC236018.D
Sampled:	08/22/11 12:25	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 22:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW16-050

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-08	File ID:	VC236018.D
Sampled:	08/22/11 12:25	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 22:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW16-050

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-08	File ID:	VC236018.D
Sampled:	08/22/11 12:25	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 22:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW16-050

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-08	File ID:	VC236018.D
Sampled:	08/22/11 12:25	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 22:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

Quant Time: Aug 25 11:00:52 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

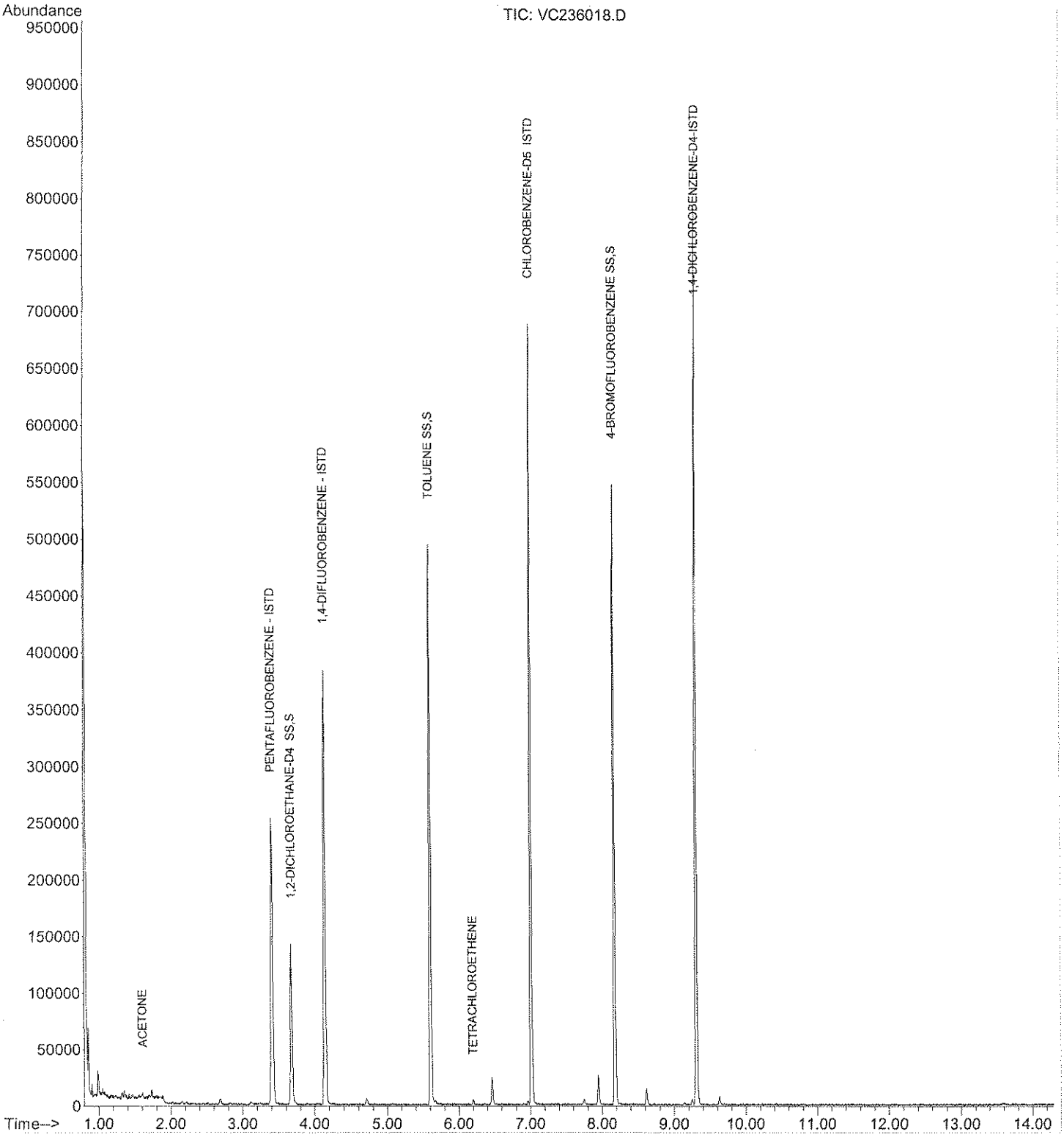
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	171258	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	270309	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	176717	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	180597	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	93432	25.79	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.16%			
49) TOLUENE SS	5.61	98	271961	25.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.76%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	141168	24.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.12%			
Target Compounds						Qvalue
14) ACETONE	1.61	43	1896	2.06	UG/L	# 23
66) TETRACHLOROETHENE	6.21	166	805m	0.16	UG/L	

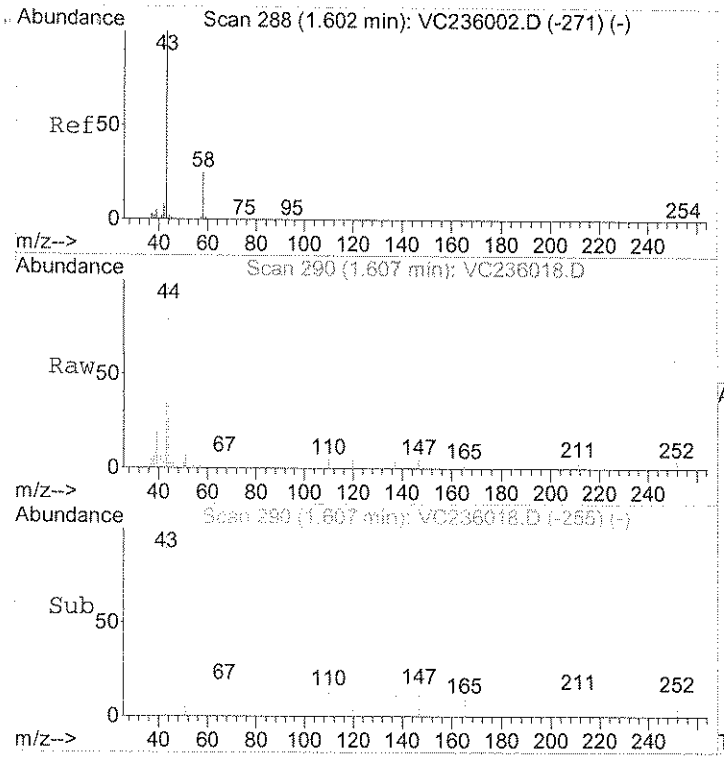
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 25 11:00:52 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

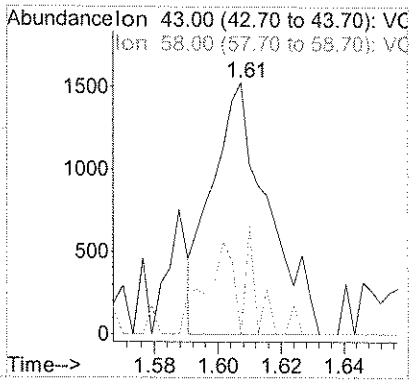


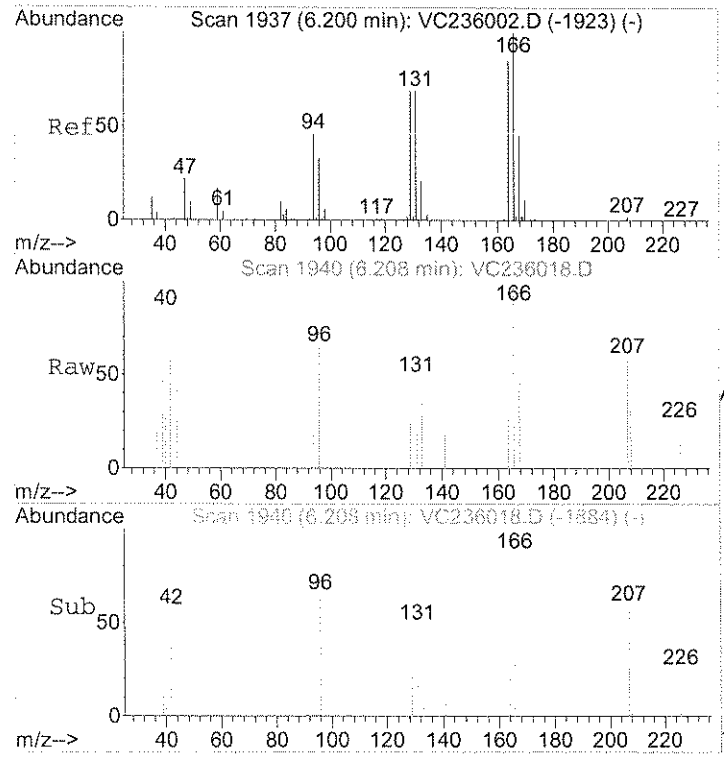


#14
ACETONE
Concen: 2.06 UG/L
RT: 1.61 min Scan# 290
Delta R.T. 0.00 min
Lab File: VC236018.D
Acq: 24 Aug 2011 10:23 pm

Tgt Ion: 43 Resp: 1896

Ion	Ratio	Lower	Upper
43	100		
58	64.1	20.2	30.2#

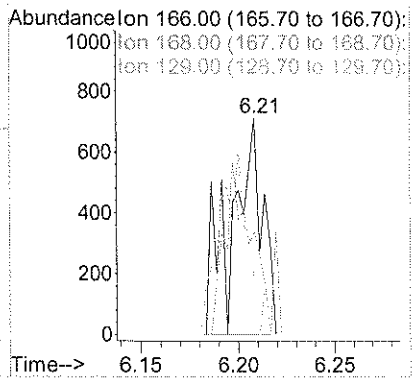




#66
TETRACHLOROETHENE
Concen: 0.16 UG/L m
RT: 6.21 min Scan# 1940
Delta R.T. 0.01 min
Lab File: VC236018.D
Acq: 24 Aug 2011 10:23 pm

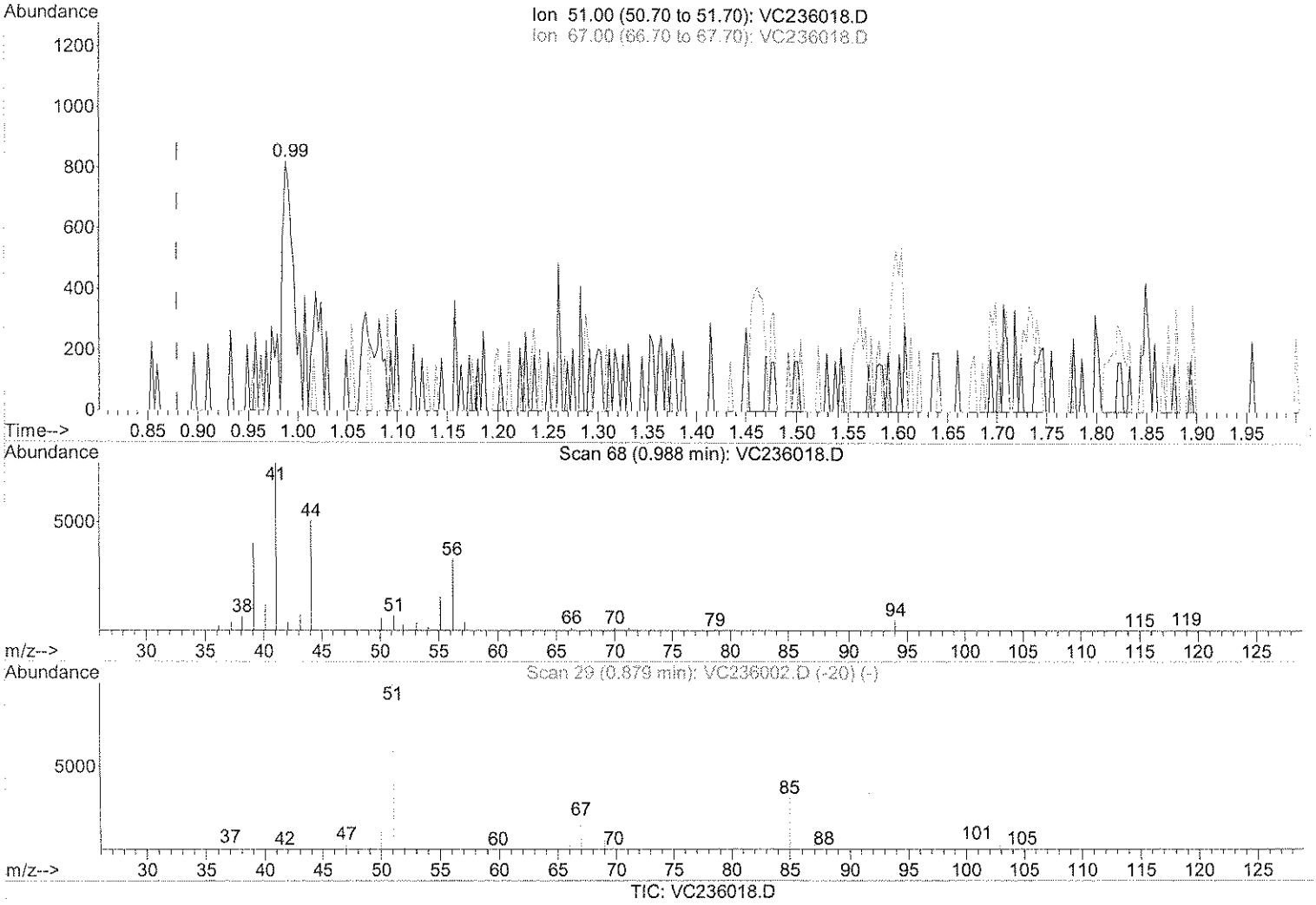
Tgt Ion:166 Resp: 805

Ion	Ratio	Lower	Upper
166	100		
168	66.7	38.1	57.1#
129	0.0	53.6	80.4#



Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 25 07:34:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236018.D

(4) DIFLUOROCHLOROMETHANE

0.988min (+0.109) 0.13UG/L

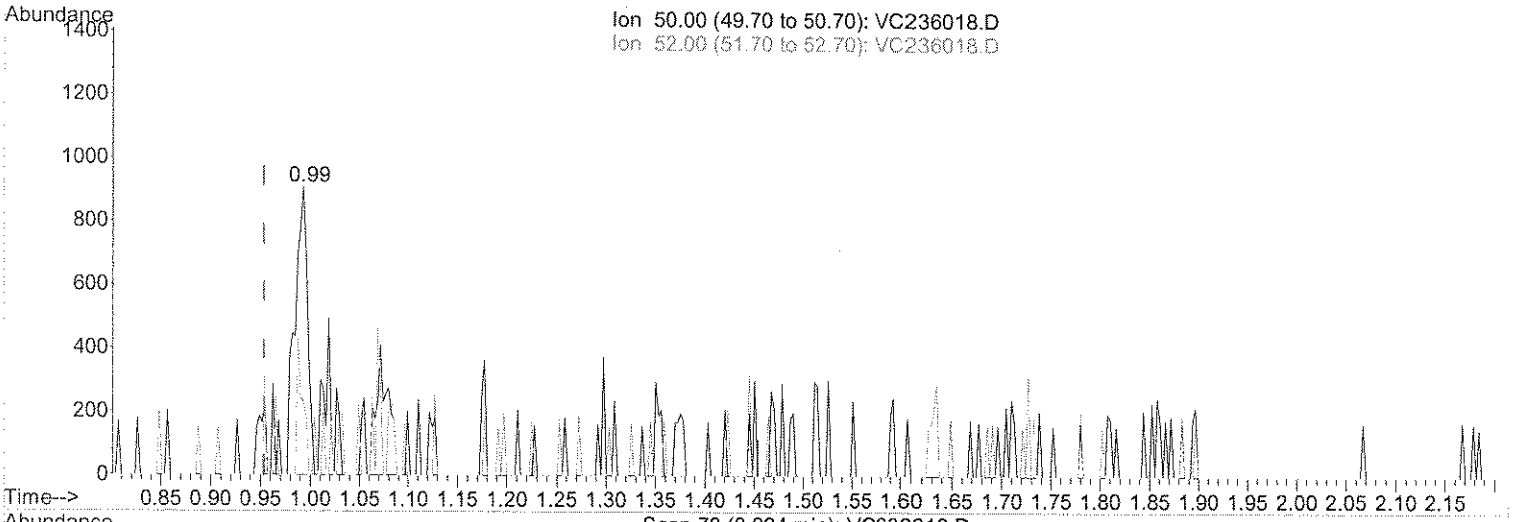
response 764

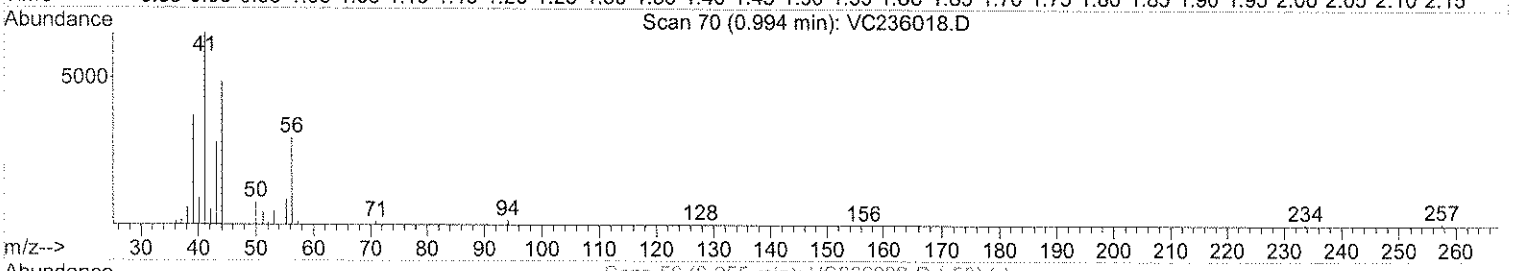
Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

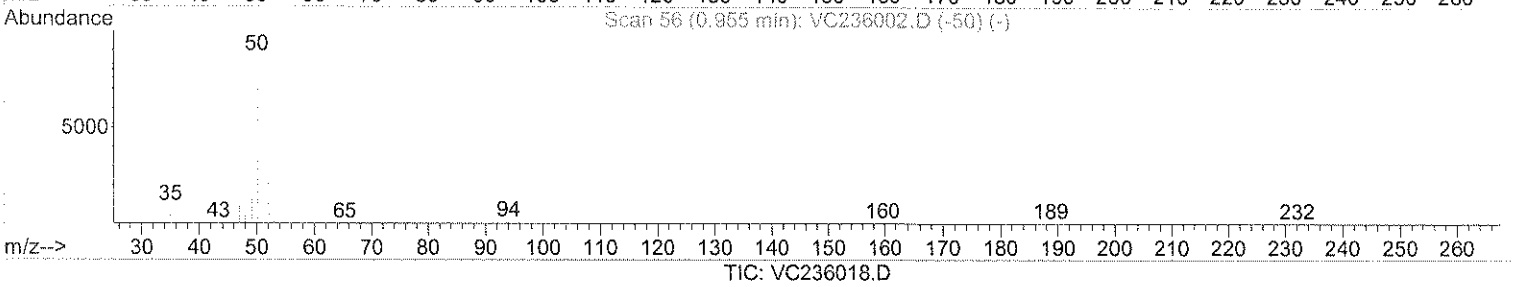
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 25 07:34:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236018.D

(5) CHLOROMETHANE (P)

0.994min (+0.040) 0.18UG/L

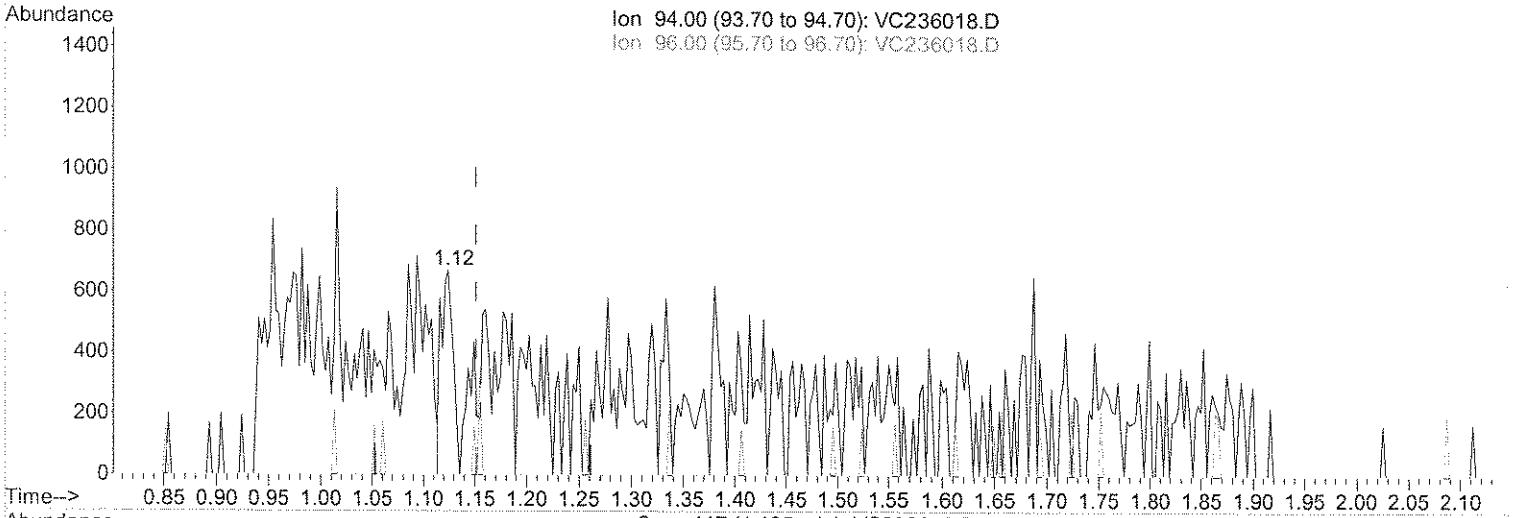
response 808

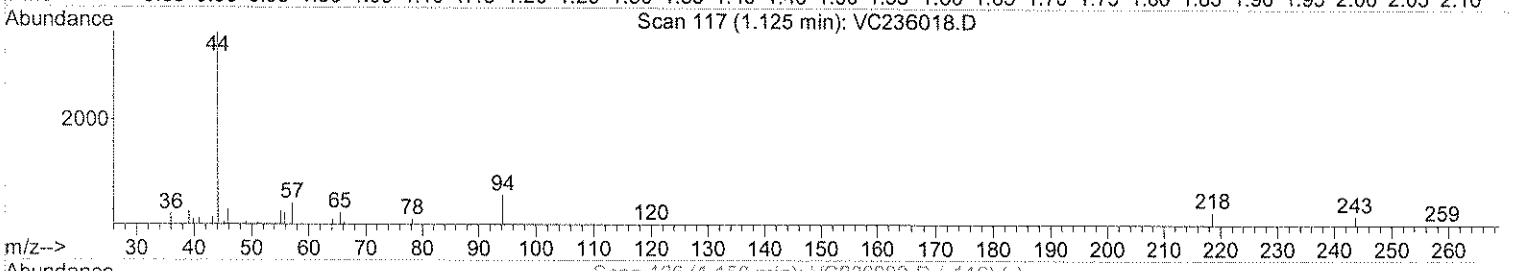
Ion	Exp%	Act%
50.00	100	100
52.00	32.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

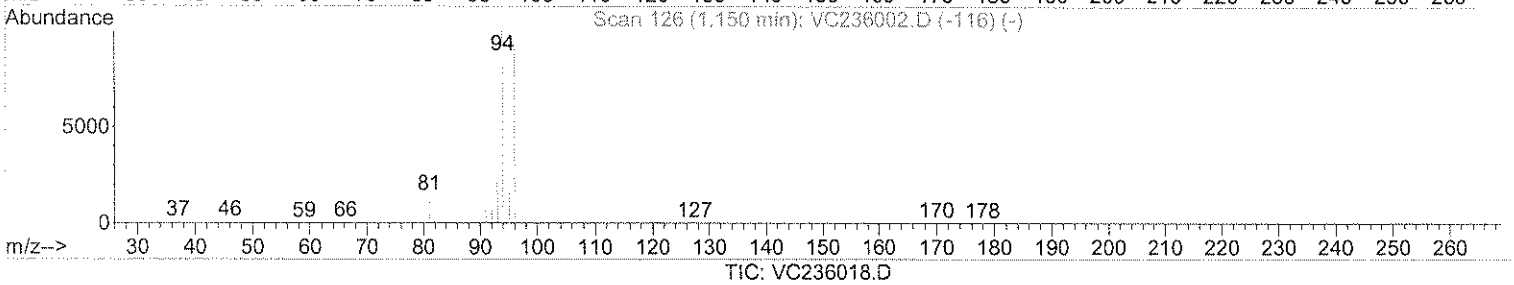
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 25 07:34:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236018.D

(7) BROMOMETHANE

1.125min (-0.027) 0.19UG/L

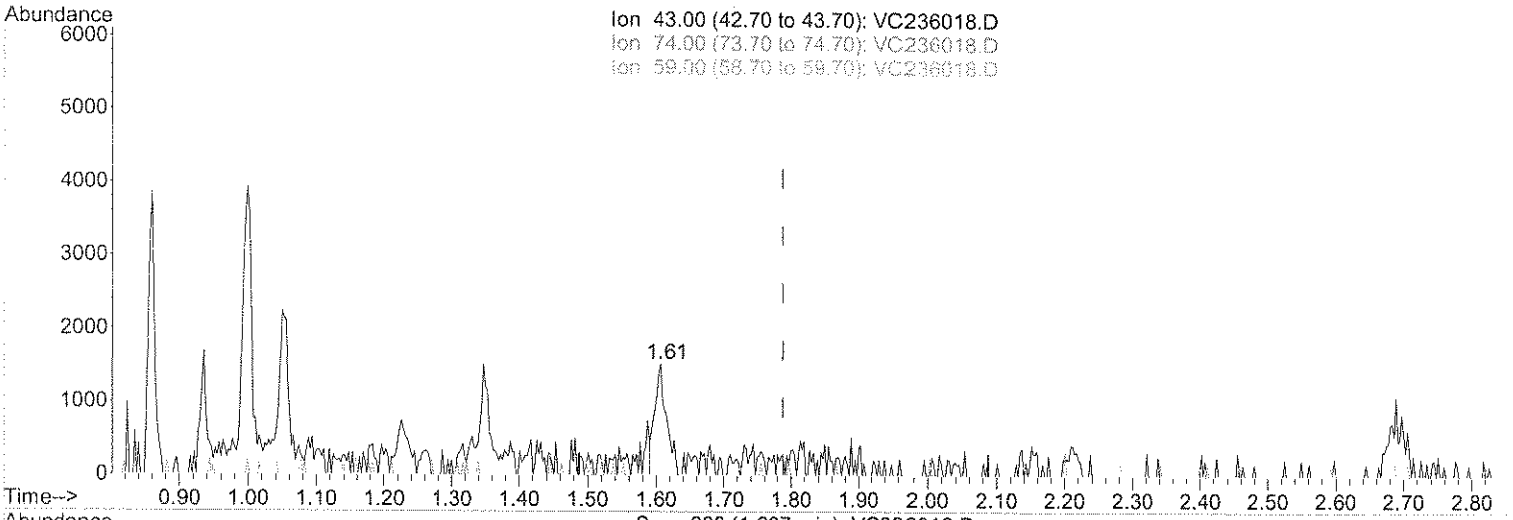
response 563

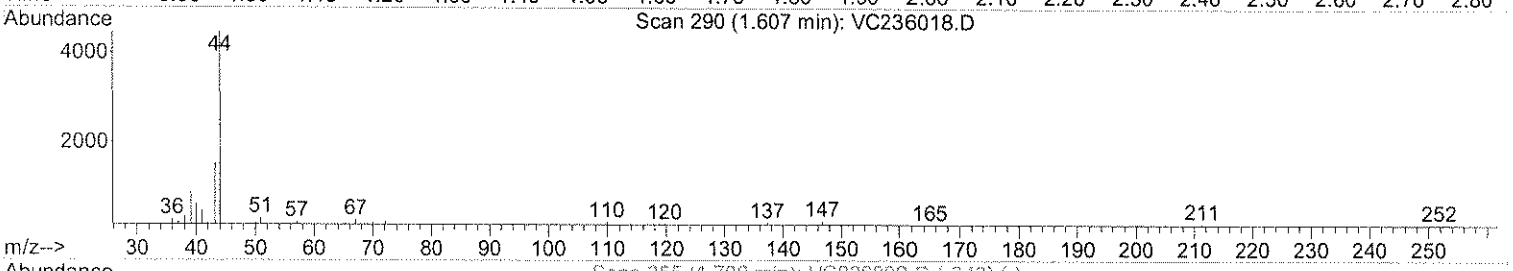
Ion	Exp%	Act%
94.00	100	100
96.00	93.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

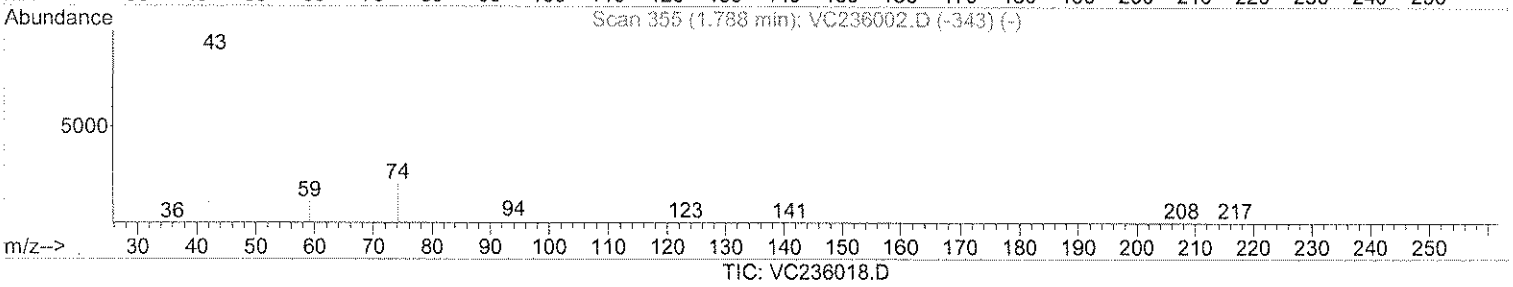
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 25 07:34:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236018.D

(20) METHYL ACETATE

1.607min (-0.181) 0.37UG/L

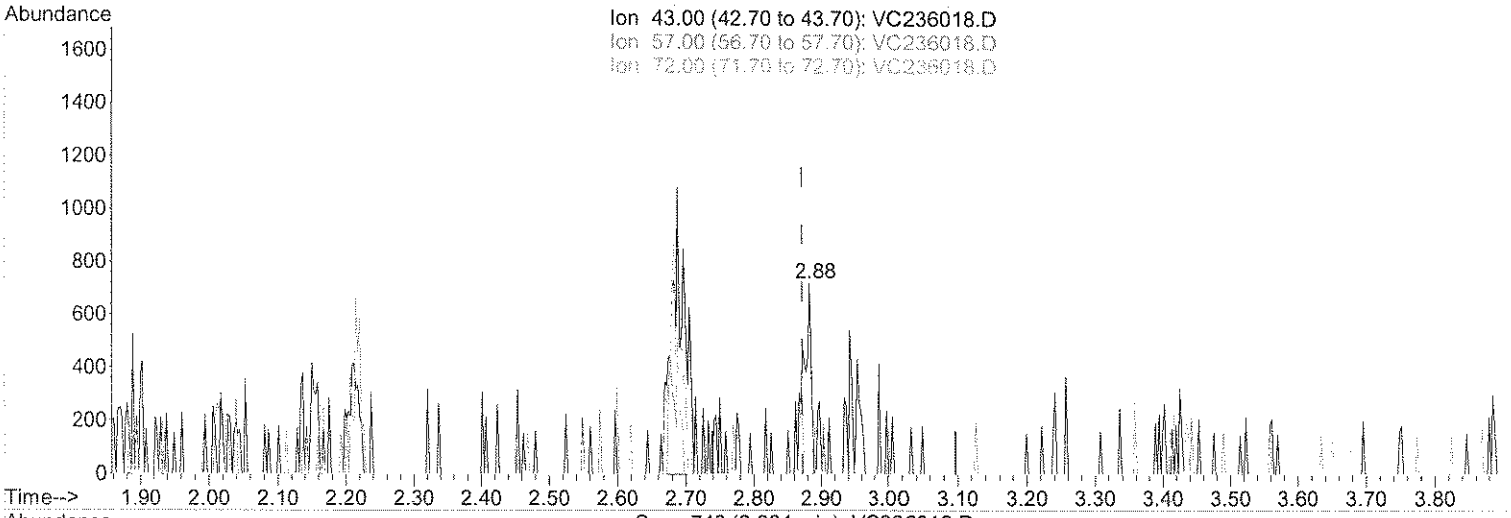
response 1896

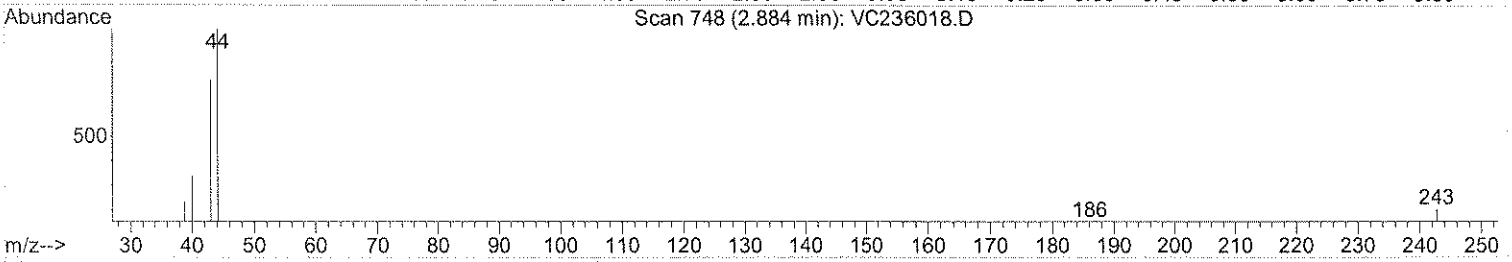
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

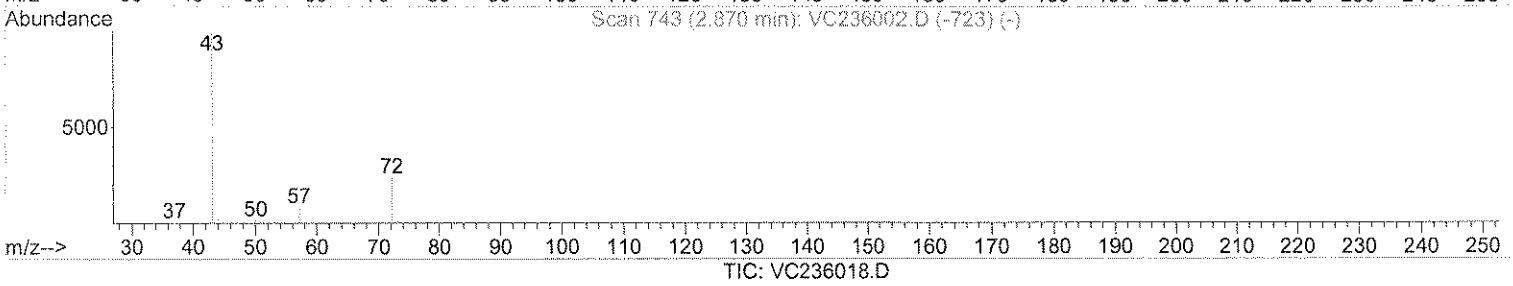
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 25 07:34:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236018.D

(31) 2-BUTANONE

2.884min (+0.011) 0.38UG/L

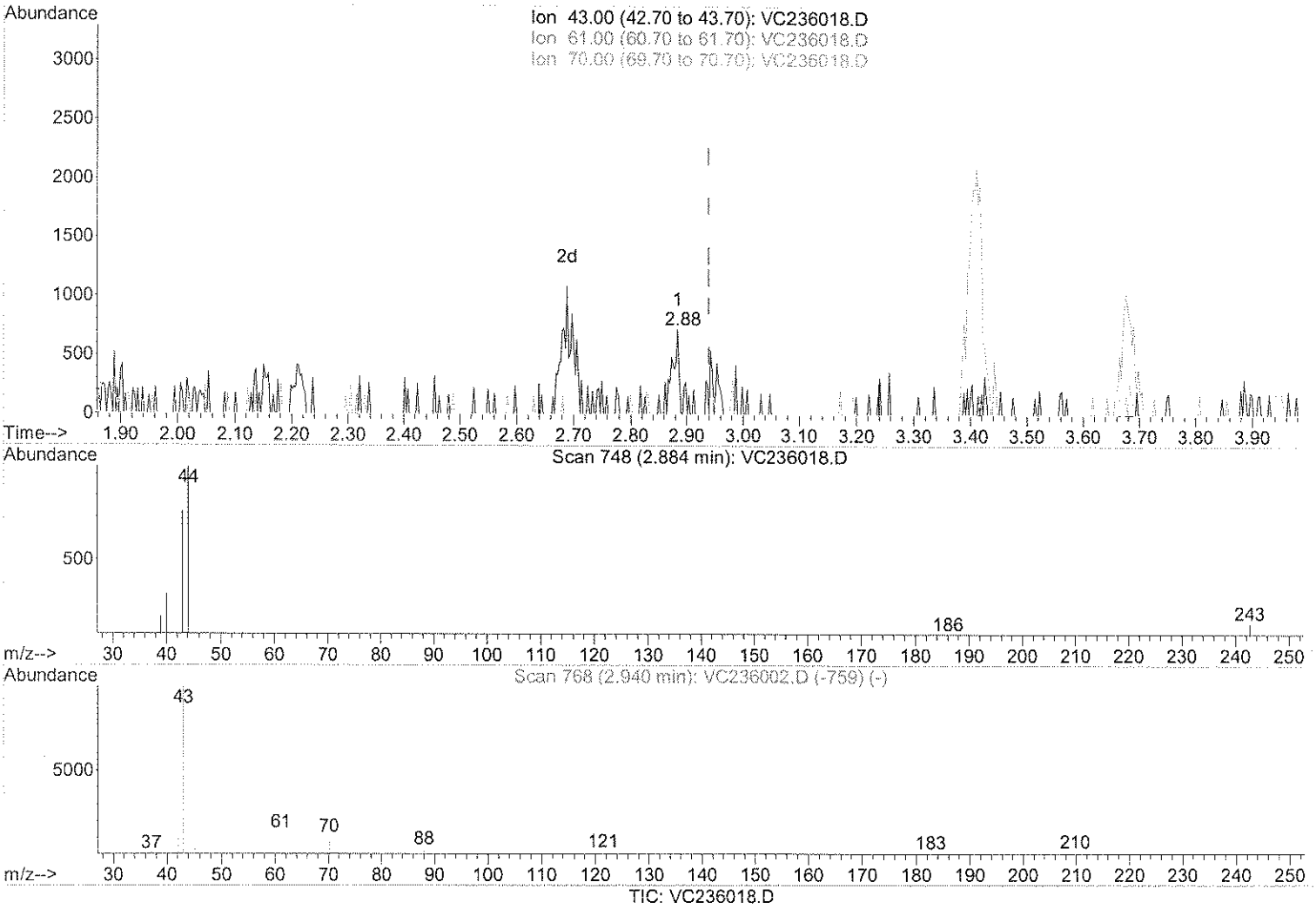
response 611

Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00#
72.00	23.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 25 07:34:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236018.D

(35) ETHYL ACETATE

2.884min (-0.056) 0.14UG/L

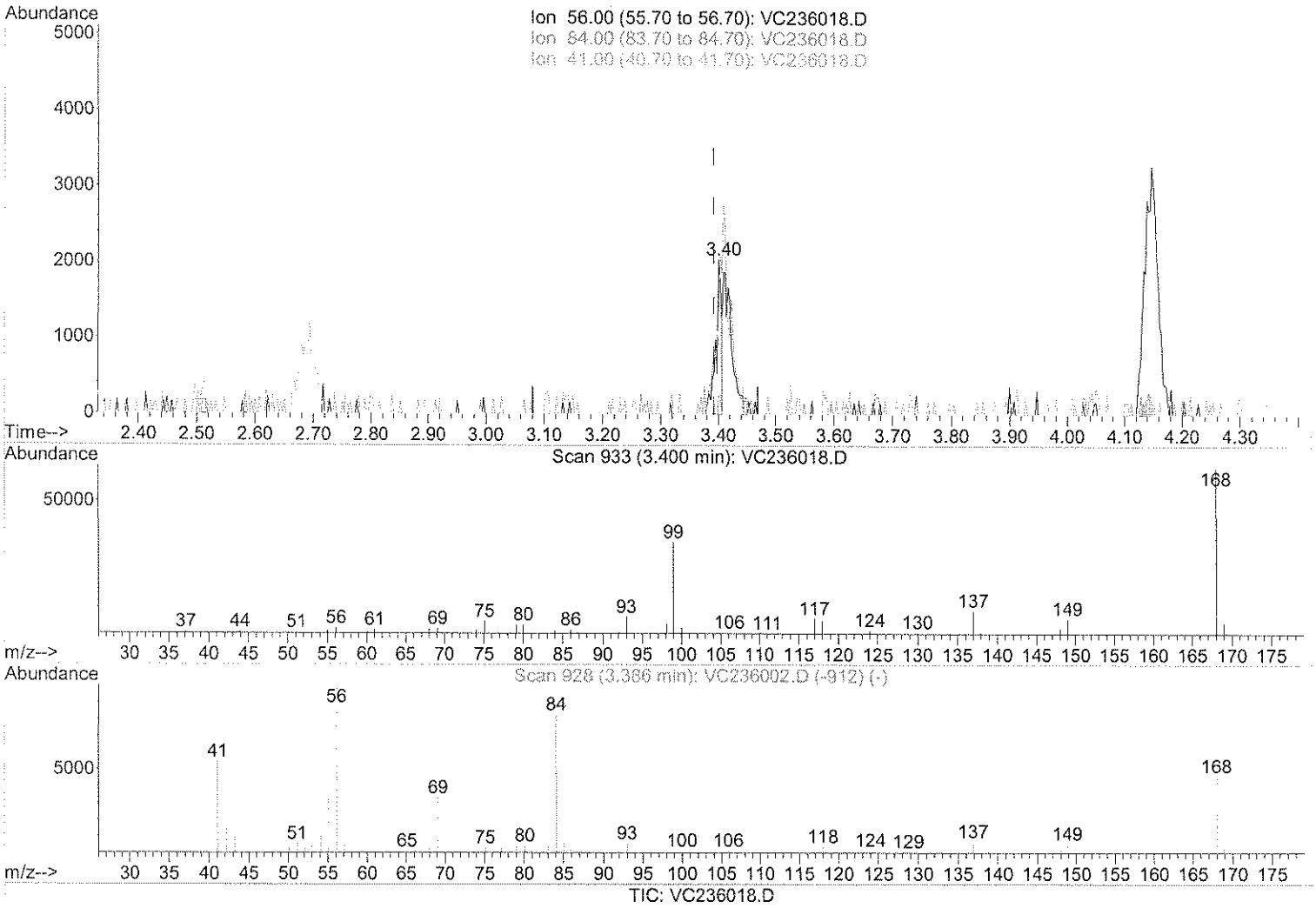
response 611

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 25 07:34:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236018.D

(42) CYCLOHEXANE

3.400min (+0.008) 0.23UG/L

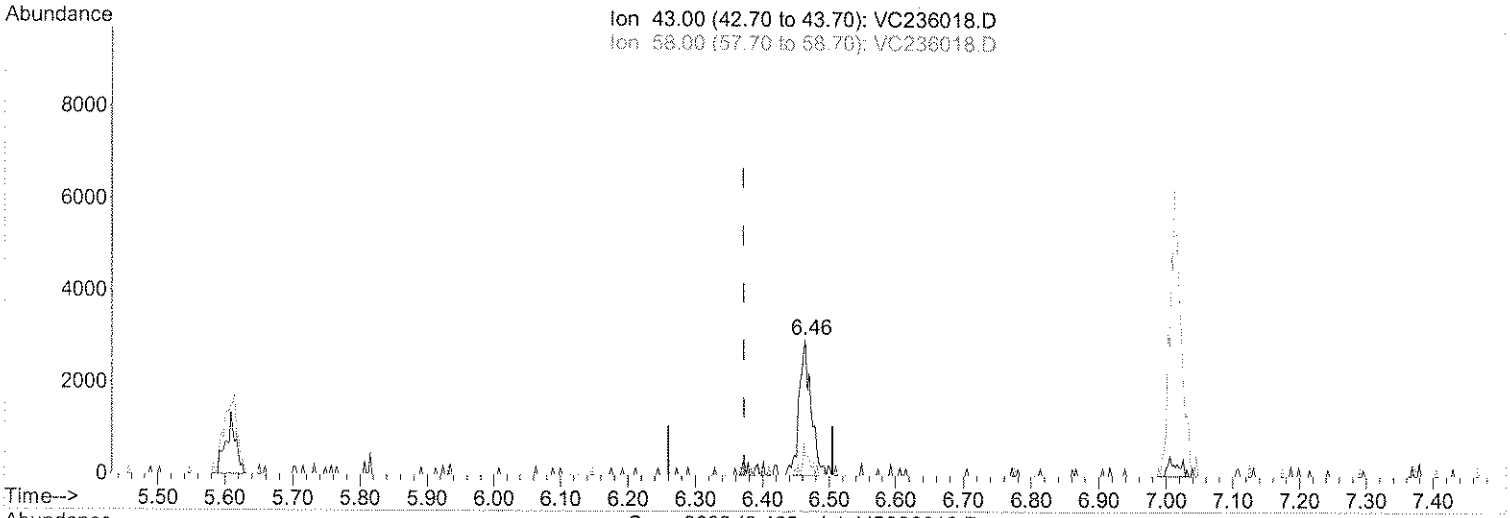
response 1378

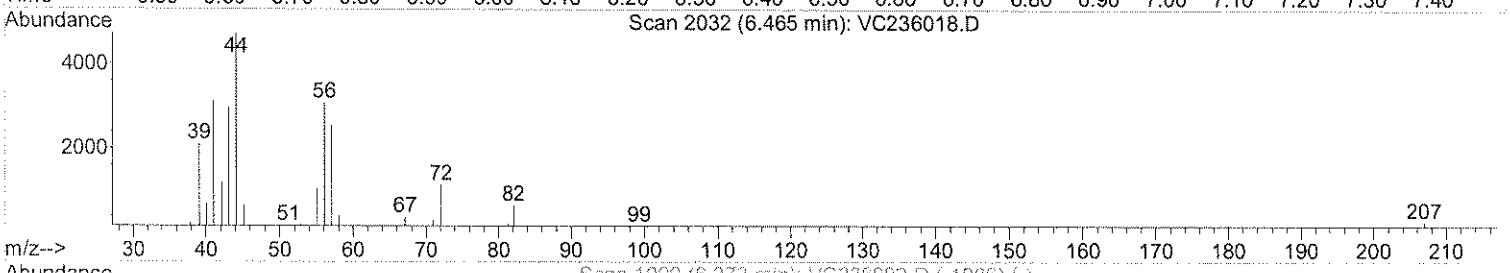
Ion	Exp%	Act%
56.00	100	100
84.00	92.50	225.33#
41.00	62.90	0.00#
0.00	0.00	0.00

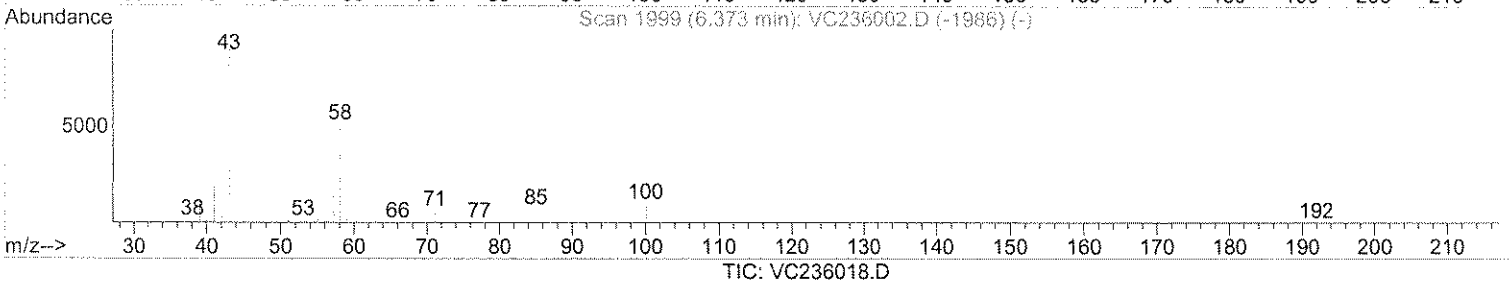
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236018.D
Acq On : 24 Aug 2011 10:23 pm
Operator :
Sample : 11H0909-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 25 07:34:50 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236018.D

(65) 2-HEXANONE

6.465min (+0.092) 1.51UG/L

response 3754

Ion	Exp%	Act%
43.00	100	100
58.00	51.80	14.06#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW16-075

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-09	File ID:	VC236020.D
Sampled:	08/22/11 13:50	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 23:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW16-075

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-09	File ID:	VC236020.D
Sampled:	08/22/11 13:50	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 23:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW16-075

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-09	File ID:	VC236020.D
Sampled:	08/22/11 13:50	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 23:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW16-075

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-09	File ID:	VC236020.D
Sampled:	08/22/11 13:50	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 23:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : T1H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

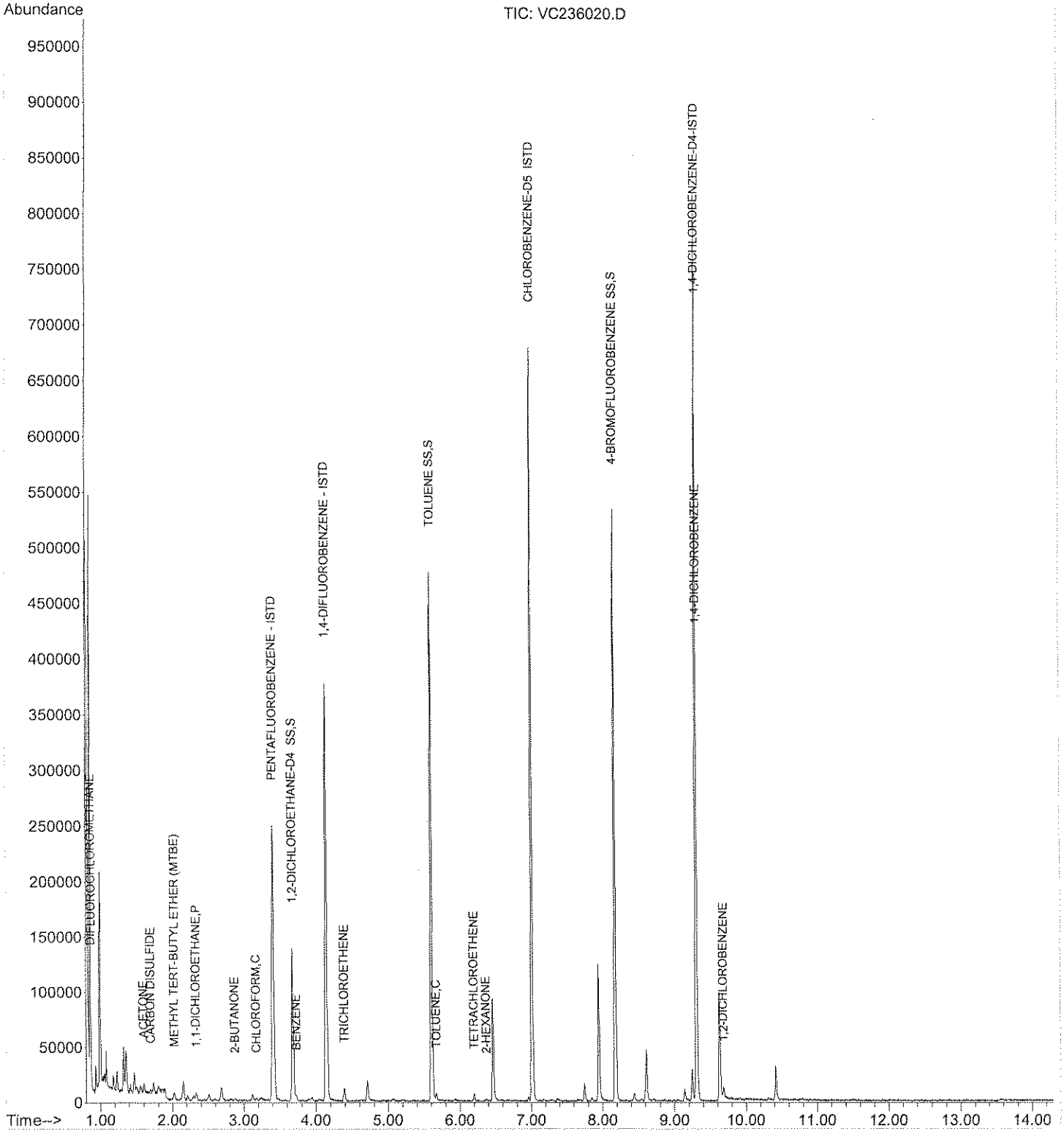
Quant Time: Aug 25 11:07:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

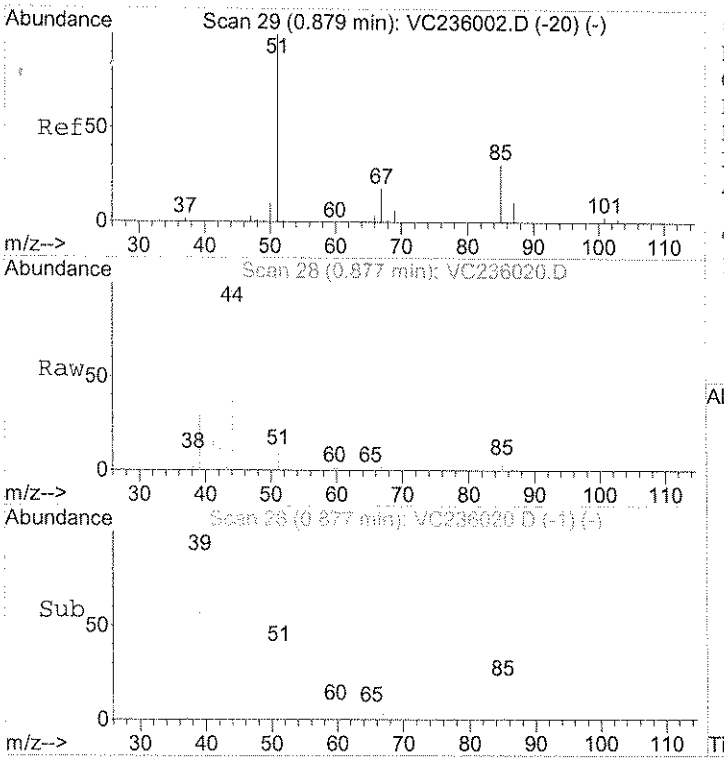
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	165792	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	262169	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	169388	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	172743	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	91715	26.15	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.60%			
49) TOLUENE SS	5.61	98	265779	25.38	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.52%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	136243	24.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.76%			
Target Compounds						Qvalue
4) DIFLUOROCHLOROMETHANE	0.88	51	930	0.16	UG/L #	58
14) ACETONE	1.60	43	2702	3.03	UG/L #	1
24) CARBON DISULFIDE	1.70	76	914	0.10	UG/L #	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	2892m	0.24	UG/L	
27) 1,1-DICHLOROETHANE	2.33	63	3556	0.48	UG/L #	50
31) 2-BUTANONE	2.87	43	2005m	1.28	UG/L	
40) CHLOROFORM	3.18	83	1277m	0.16	UG/L	
45) BENZENE	3.73	78	2114	0.14	UG/L #	1
51) TRICHLOROETHENE	4.38	95	2625m	0.58	UG/L	
61) TOLUENE	5.67	91	3225m	0.19	UG/L	
65) 2-HEXANONE	6.38	43	727	0.30	UG/L #	26
66) TETRACHLOROETHENE	6.19	166	1382m	0.29	UG/L	
95) 1,4-DICHLOROBENZENE	9.33	146	1326	0.14	UG/L #	79
97) 1,2-DICHLOROBENZENE	9.69	146	2751	0.30	UG/L	97

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

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 11:07:21 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

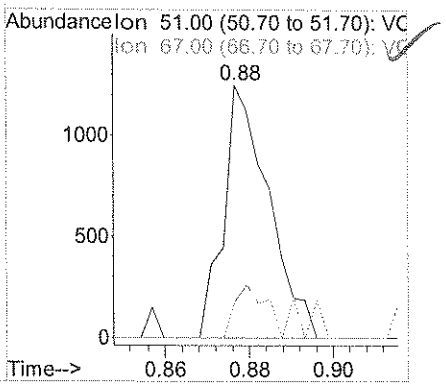


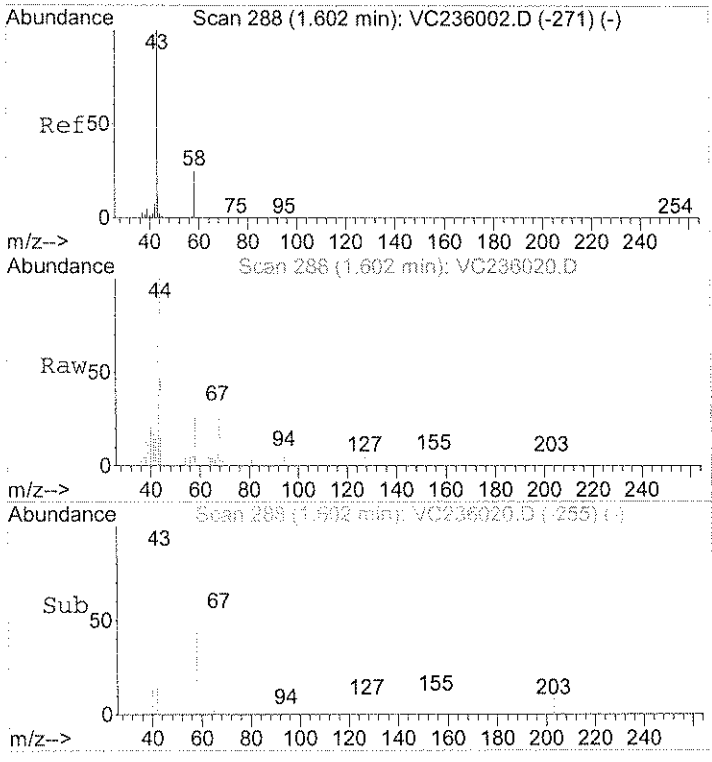


#4
DIFLUOROCHLOROMETHANE
Concen: 0.16 UG/L
RT: 0.88 min Scan# 28
Delta R.T. -0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 51 Resp: 930

Ion	Ratio	Lower	Upper
51	100		
67	0.0	15.2	22.8#

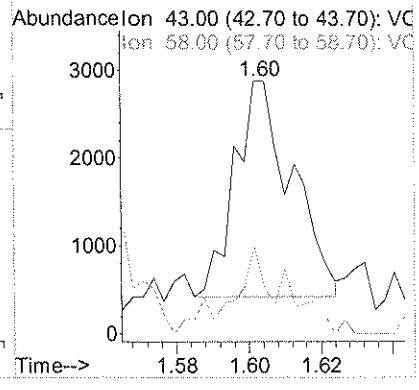


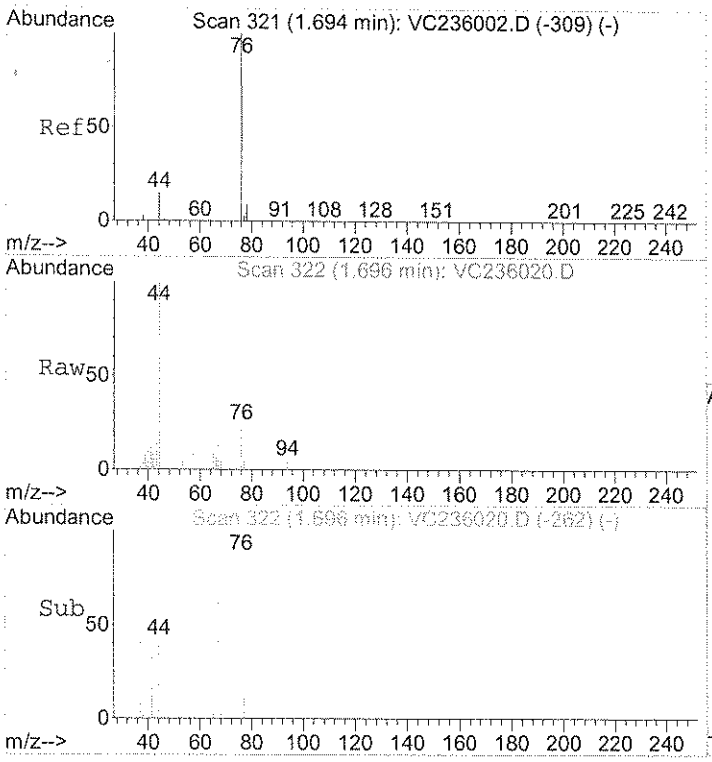


#14
ACETONE
Concen: 3.03 UG/L
RT: 1.60 min Scan# 288
Delta R.T. -0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 43 Resp: 2702

Ion	Ratio	Lower	Upper
43	100		
58	136.0	20.2	30.2#

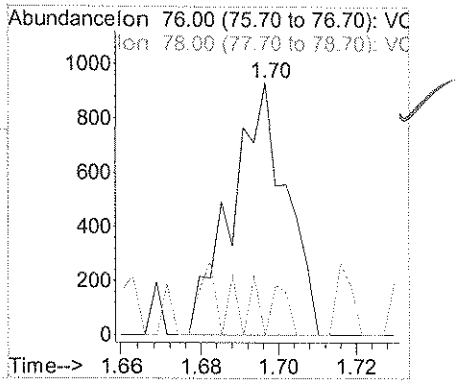


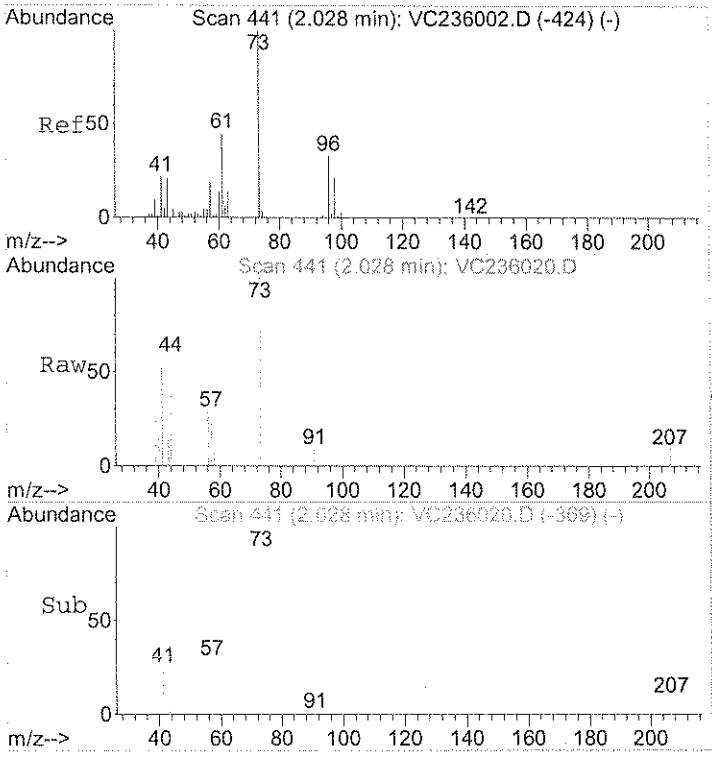


#24
CARBON DISULFIDE
Concen: 0.10 UG/L
RT: 1.70 min Scan# 322
Delta R.T. 0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 76 Resp: 914

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

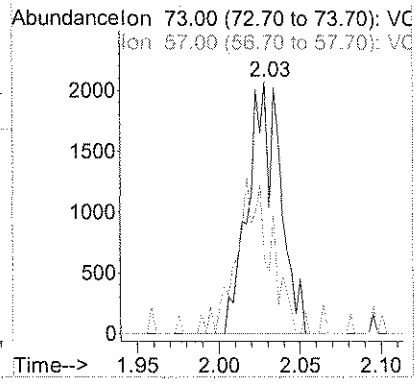


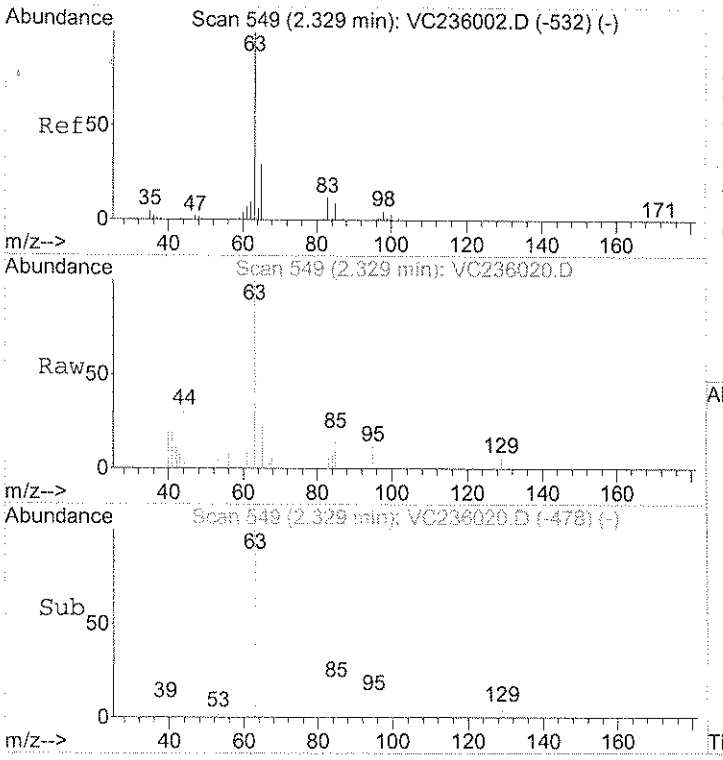


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.24 UG/L m
RT: 2.03 min Scan# 441
Delta R.T. 0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 73 Resp: 2892

Ion	Ratio	Lower	Upper
73	100		
57	50.8	15.8	23.8#

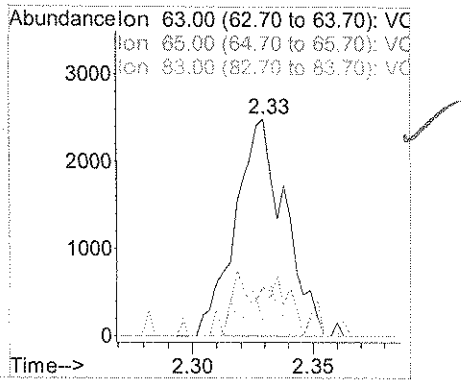


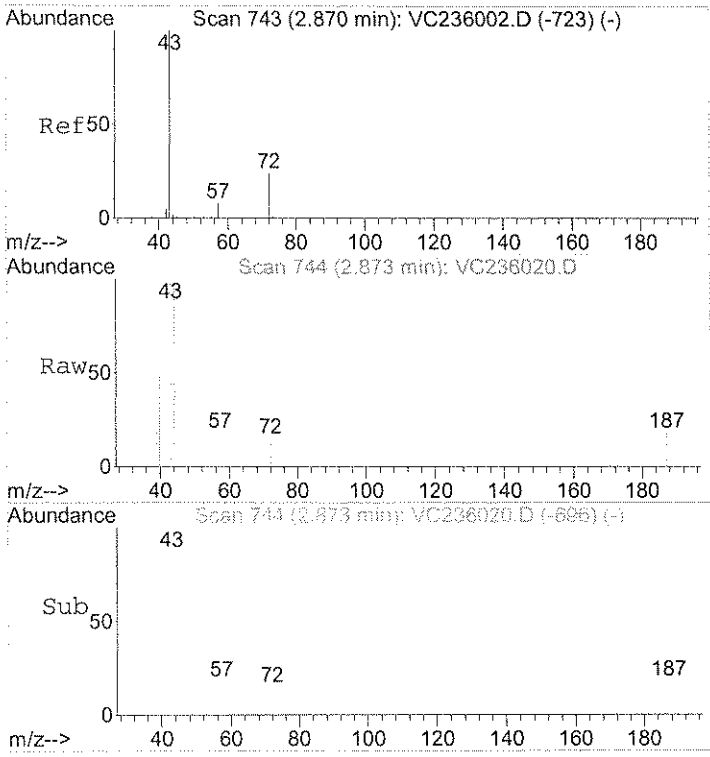


#27
1,1-DICHLOROETHANE
Concen: 0.48 UG/L
RT: 2.33 min Scan# 549
Delta R.T. 0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 63 Resp: 3556

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.2	37.8#
83	0.0	11.3	16.9#

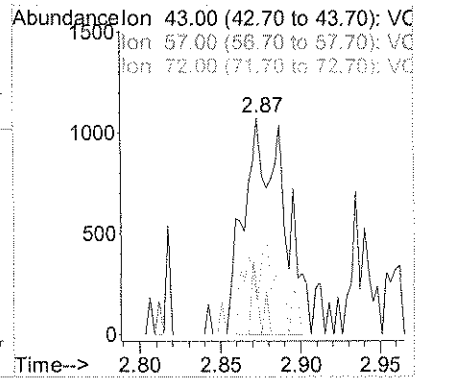


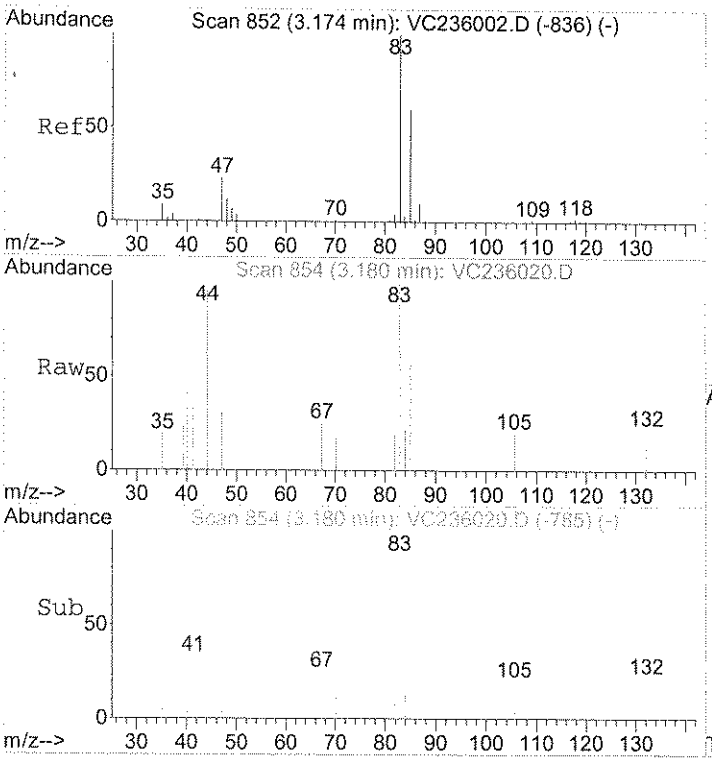


#31
2-BUTANONE
Concen: 1.28 UG/L m
RT: 2.87 min Scan# 744
Delta R.T. 0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 43 Resp: 2005

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	0.0	18.9	28.3#

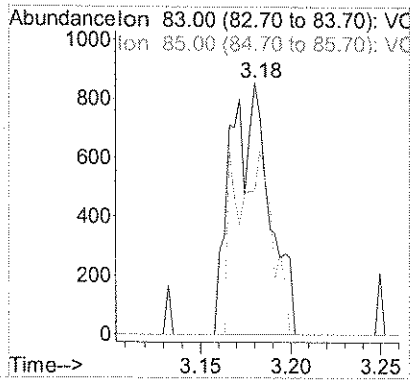


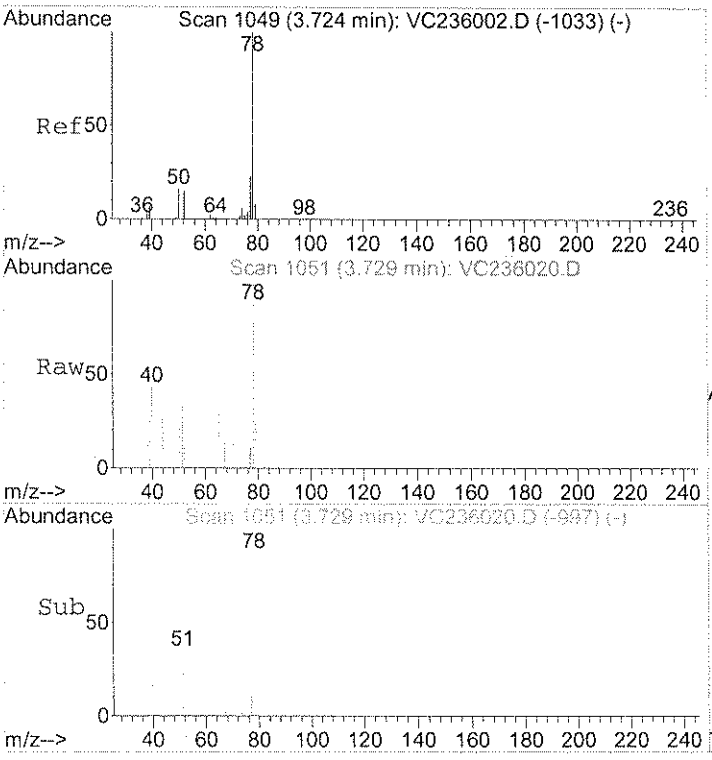


#40
CHLOROFORM
Concen: 0.16 UG/L m
RT: 3.18 min Scan# 854
Delta R.T. 0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 83 Resp: 1277

Ion	Ratio	Lower	Upper
83	100		
85	41.8	50.4	75.6#

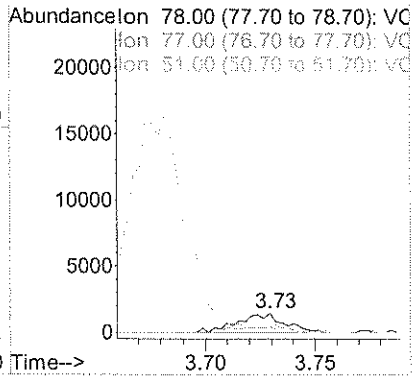


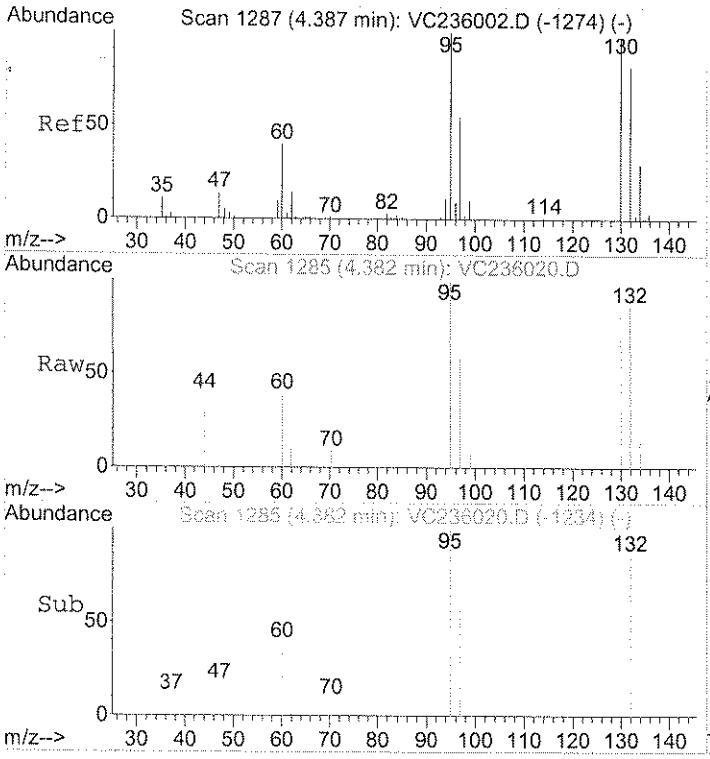


#45
BENZENE
Concen: 0.14 UG/L
RT: 3.73 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 78 Resp: 2114

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.6	28.0#
51	1356.0	17.1	25.7#

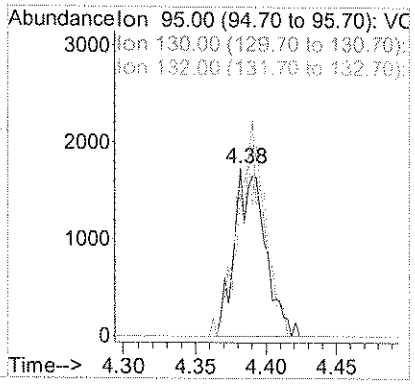


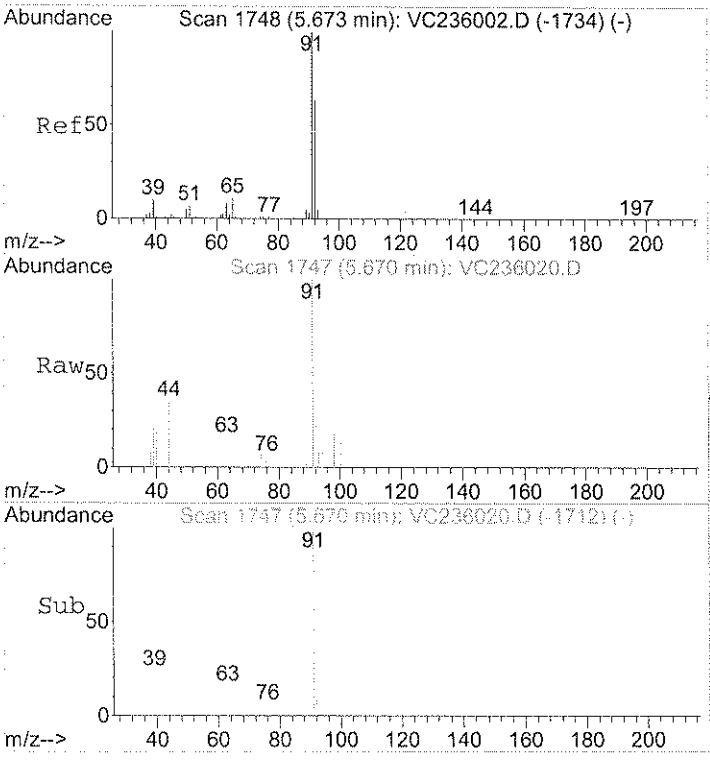


#51
TRICHLOROETHENE
Concen: 0.58 UG/L m
RT: 4.38 min Scan# 1285
Delta R.T. -0.01 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 95 Resp: 2625

Ion	Ratio	Lower	Upper
95	100		
130	108.5	77.3	115.9
132	101.9	74.7	112.1

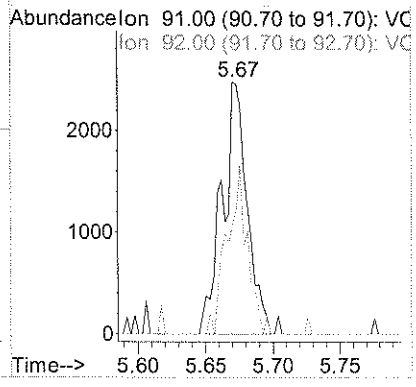


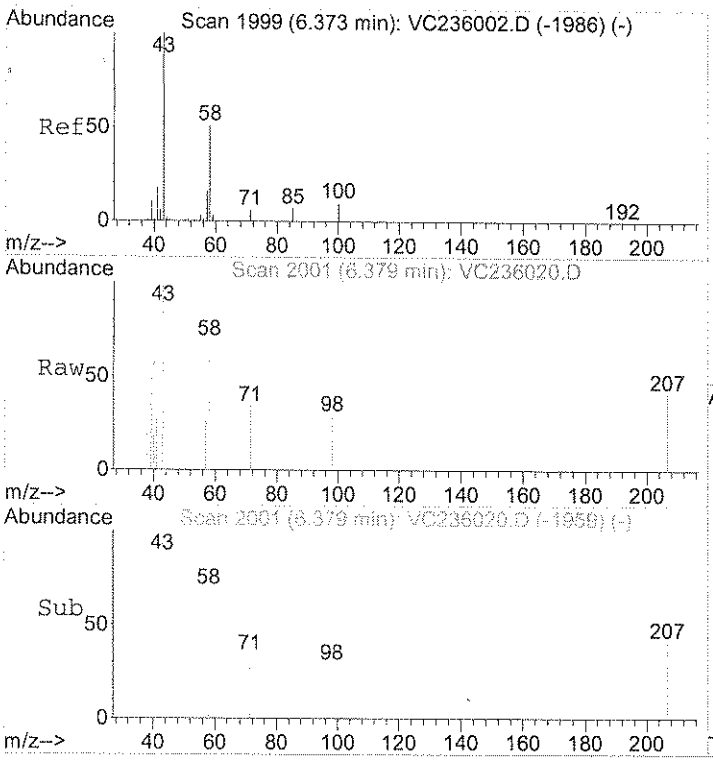


#61
TOLUENE
Concen: 0.19 UG/L m
RT: 5.67 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 91 Resp: 3225

Ion	Ratio	Lower	Upper
91	100		
92	54.7	48.2	72.2

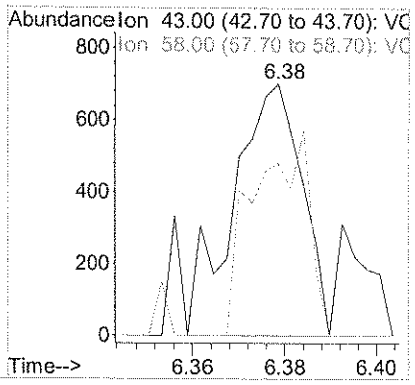


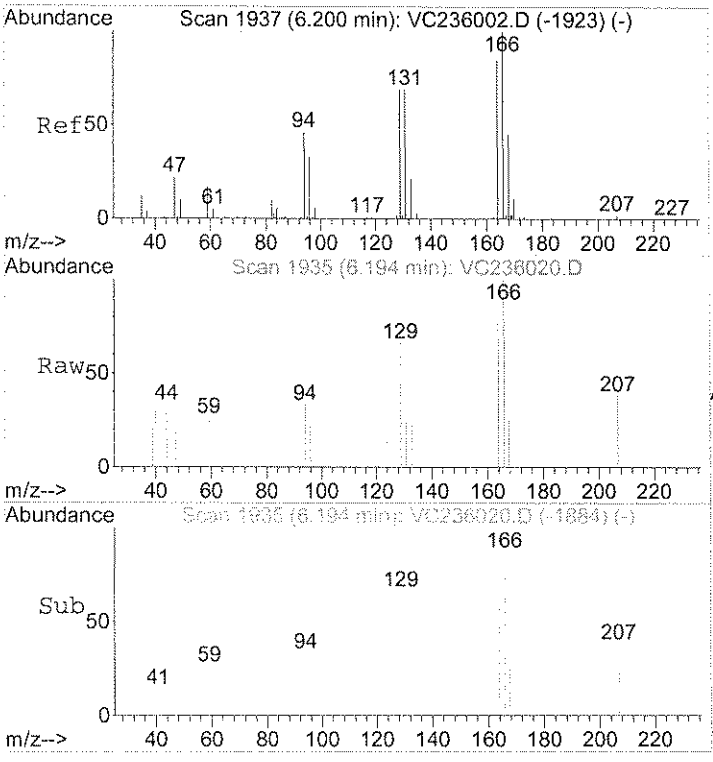


#65
2-HEXANONE
Concen: 0.30 UG/L
RT: 6.38 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion: 43 Resp: 727

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.4	62.2#

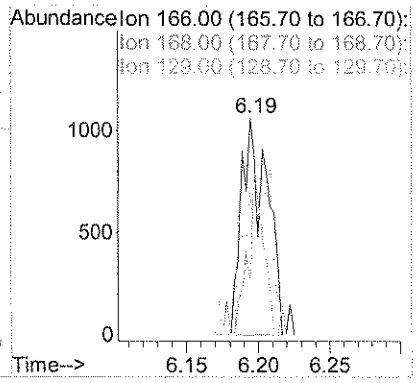


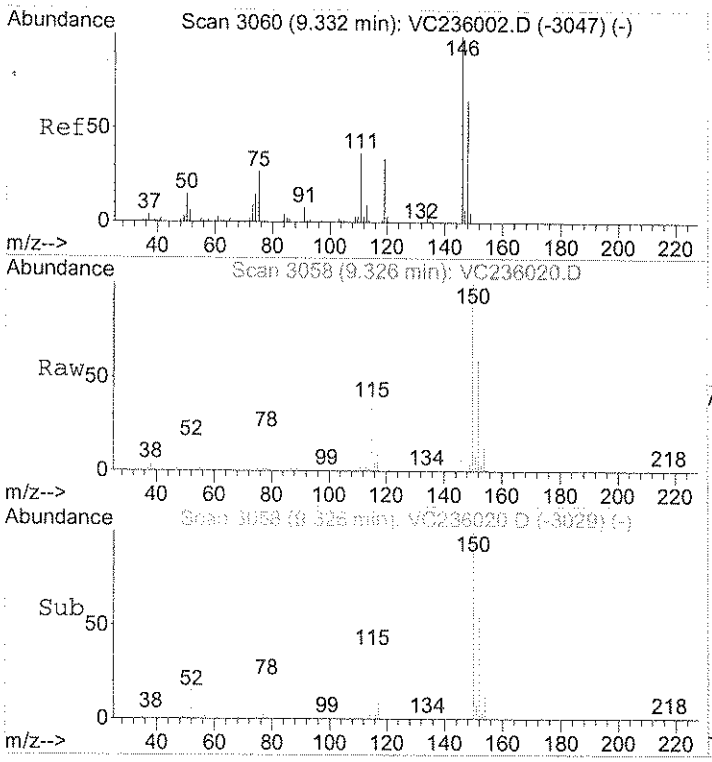


#66
TETRACHLOROETHENE
Concen: 0.29 UG/L m
RT: 6.19 min Scan# 1935
Delta R.T. -0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion:166 Resp: 1382

Ion	Ratio	Lower	Upper
166	100		
168	42.8	38.1	57.1
129	0.0	53.6	80.4#

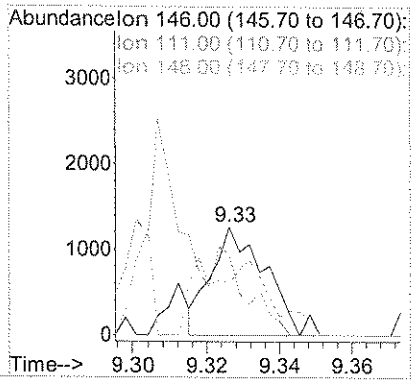


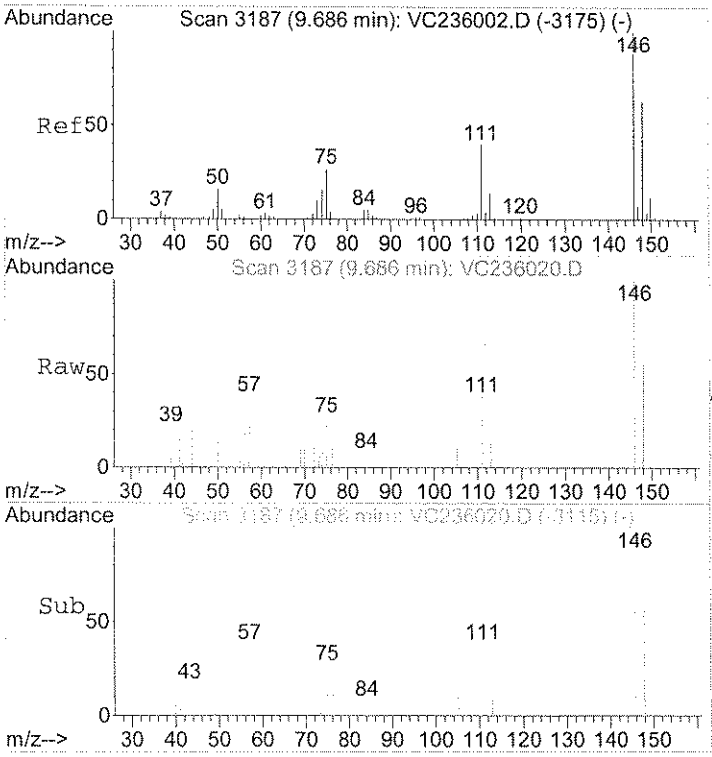


#95
1,4-DICHLOROBENZENE
Concen: 0.14 UG/L
RT: 9.33 min Scan# 3058
Delta R.T. -0.01 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion:146 Resp: 1326

Ion	Ratio	Lower	Upper
146	100		
111	47.4	28.8	43.2#
148	46.9	51.7	77.5#

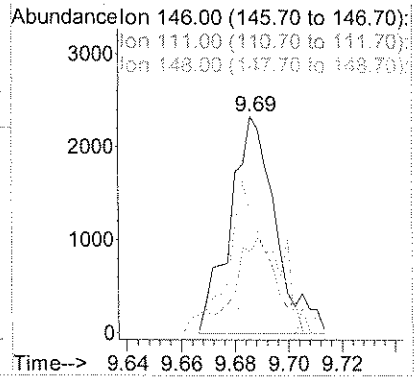




#97
1,2-DICHLOROBENZENE
Concen: 0.30 UG/L
RT: 9.69 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VC236020.D
Acq: 24 Aug 2011 11:24 pm

Tgt Ion:146 Resp: 2751

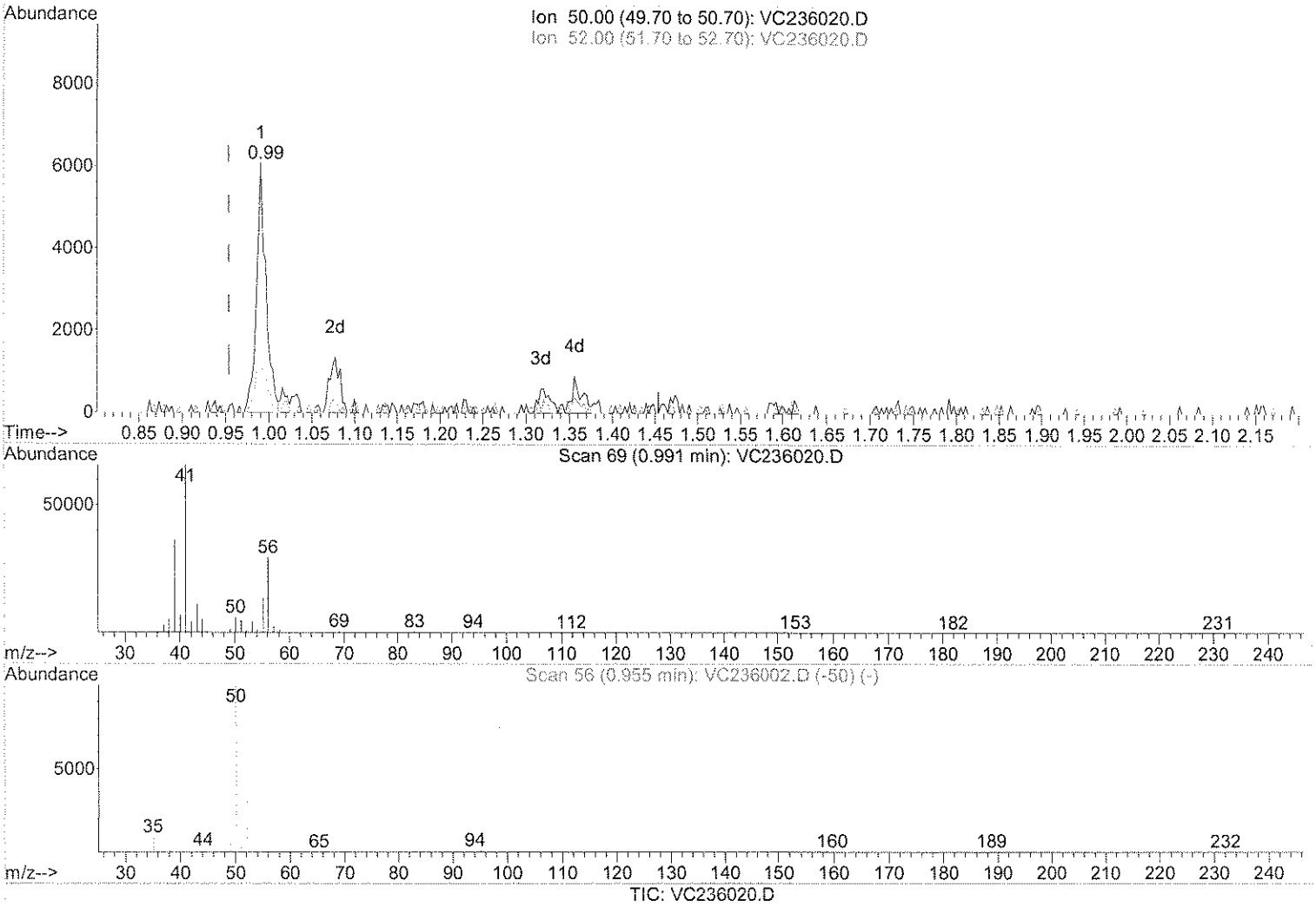
Ion	Ratio	Lower	Upper
146	100		
111	44.2	31.4	47.2
148	64.8	51.4	77.2



Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236020.D

(5) CHLOROMETHANE (P)

0.991min (+0.037) 1.10UG/L

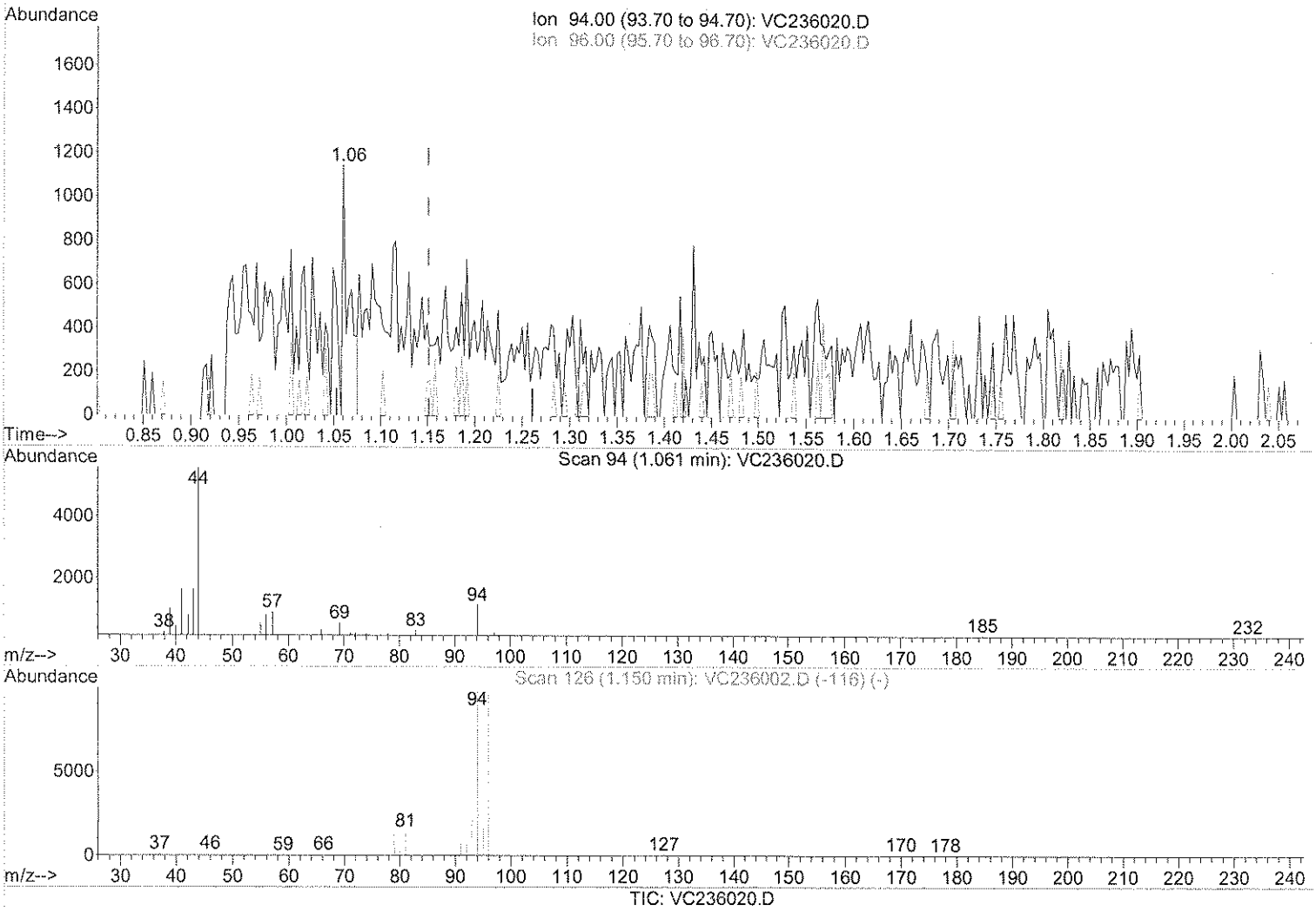
response 4735

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	24.46#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236020.D

(7) BROMOMETHANE

1.061min (-0.091) 0.20UG/L

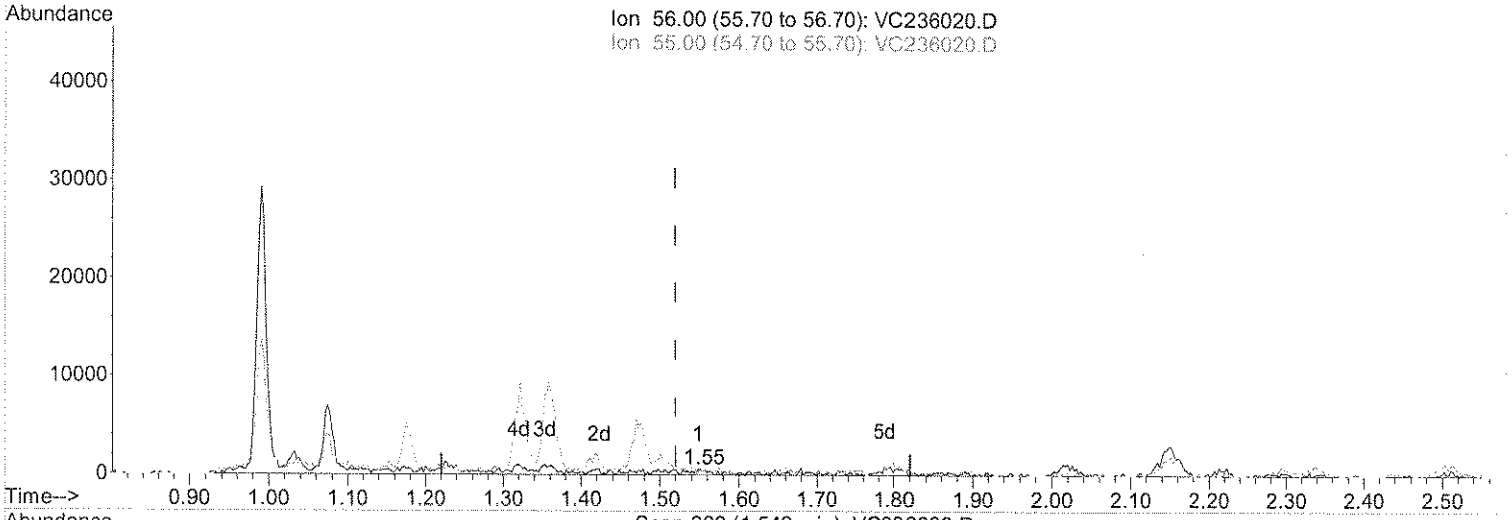
response 562

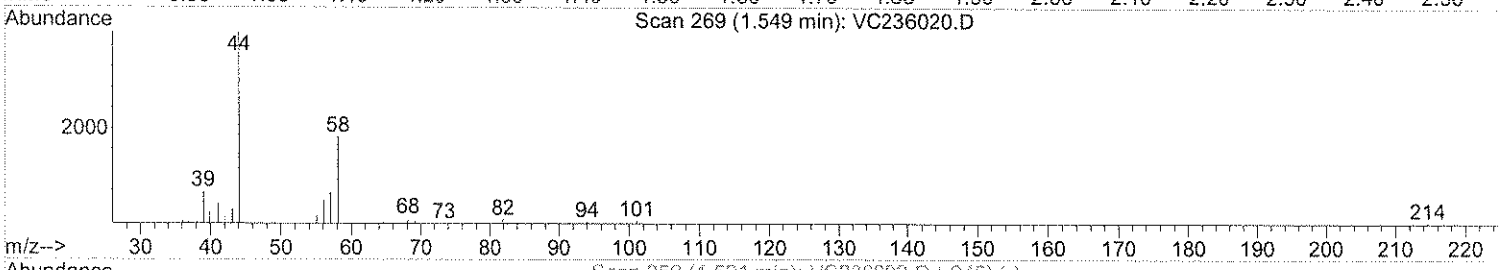
Ion	Exp%	Act%
94.00	100	100
96.00	93.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

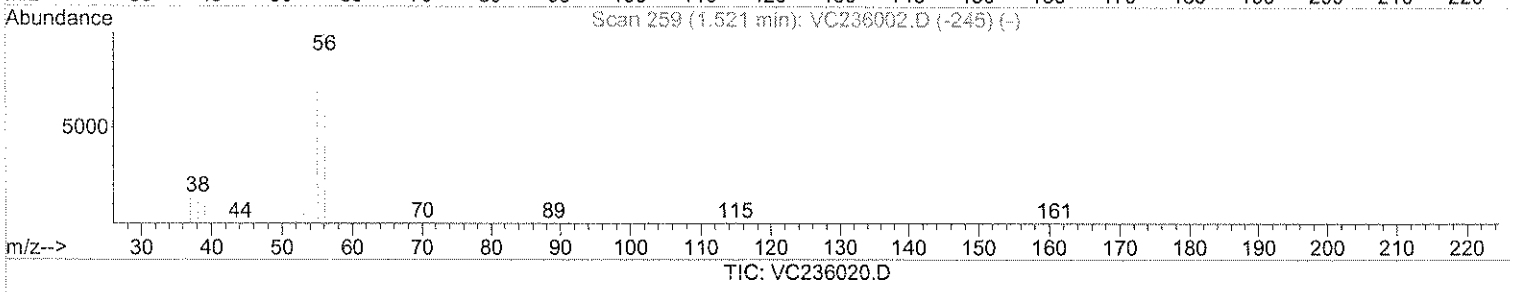
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







(13) ACROLEIN

1.549min (+0.028) 1.49UG/L

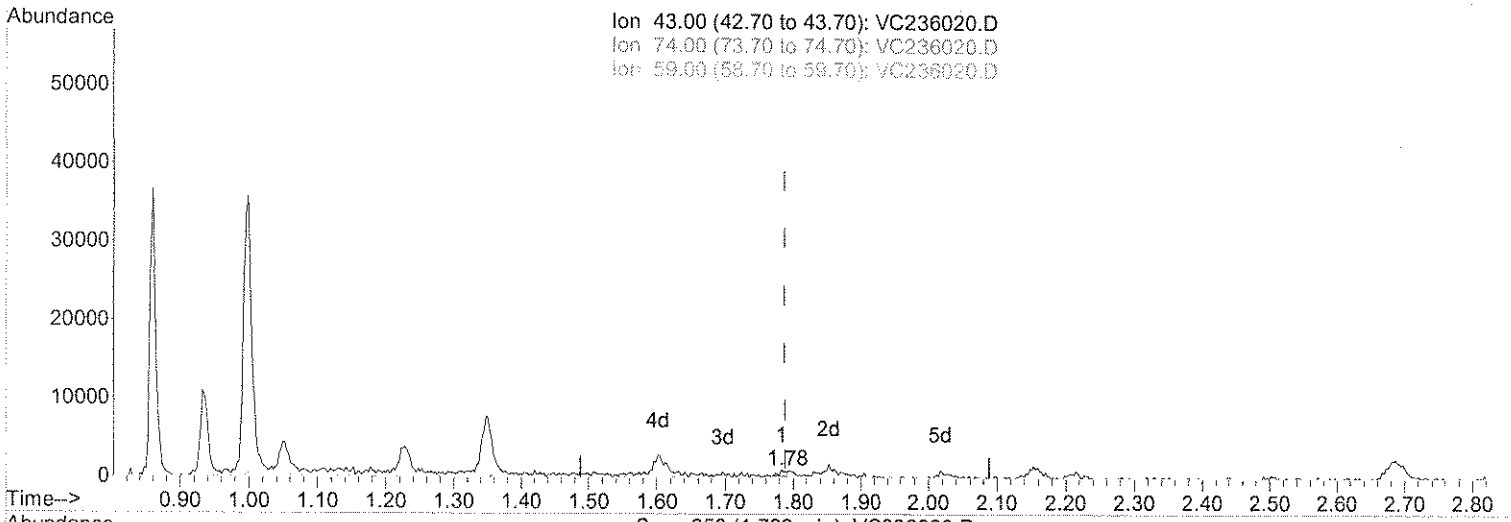
response 504

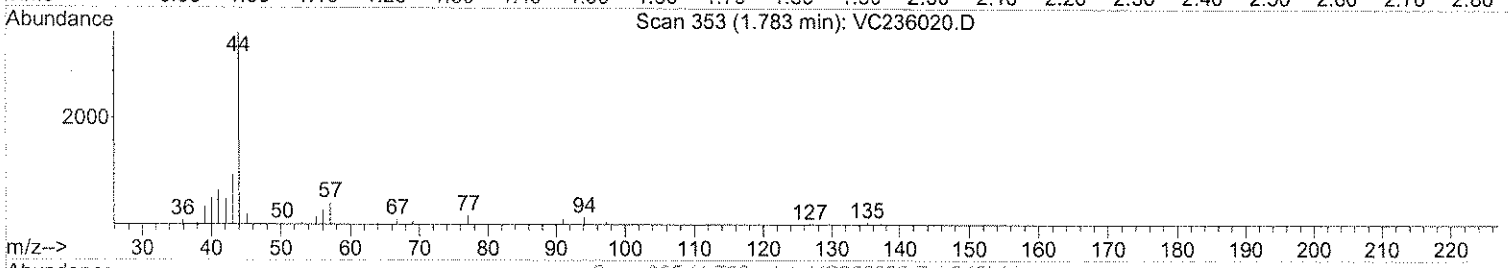
Ion	Exp%	Act%
56.00	100	100
55.00	75.70	405.56#
0.00	0.00	0.00
0.00	0.00	0.00

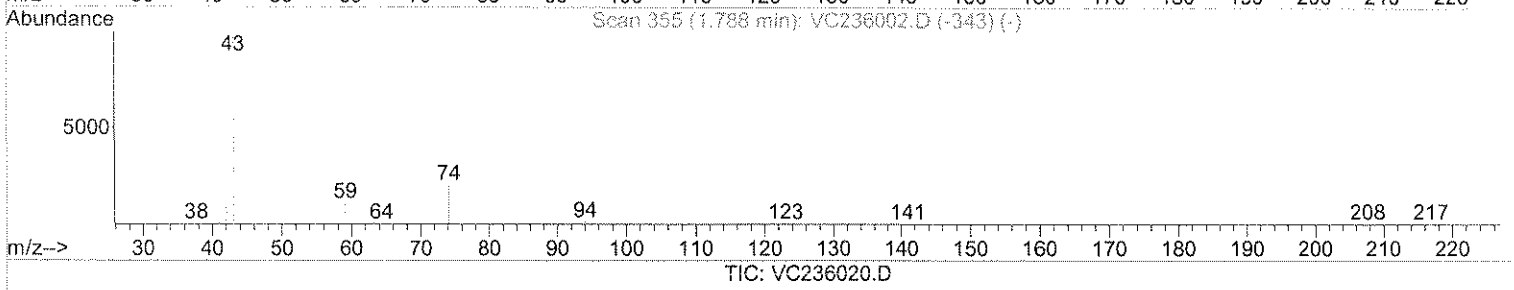
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236020.D

(20) METHYL ACETATE

1.783min (-0.005) 0.12UG/L

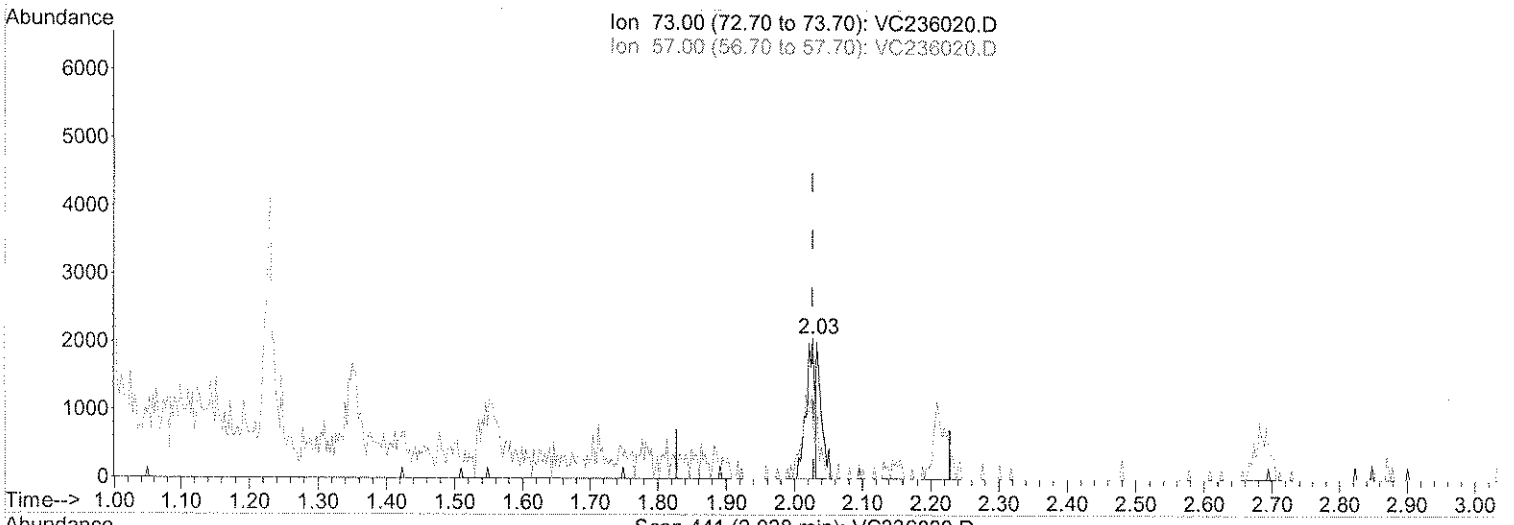
response 582

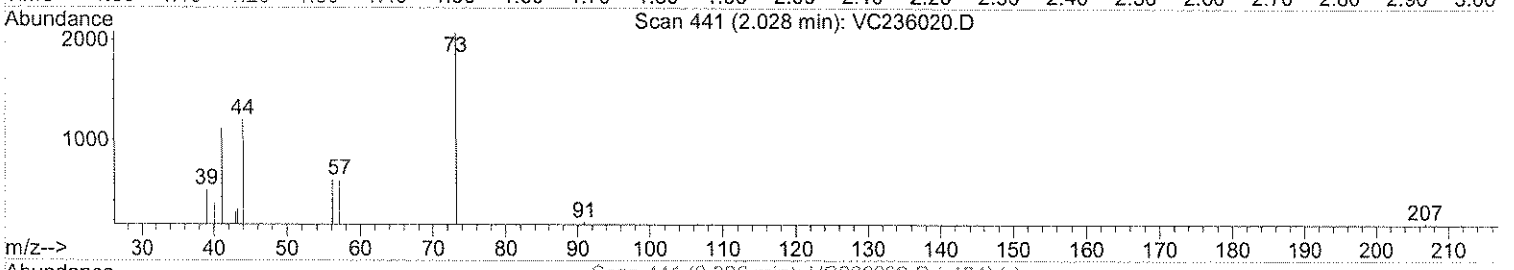
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

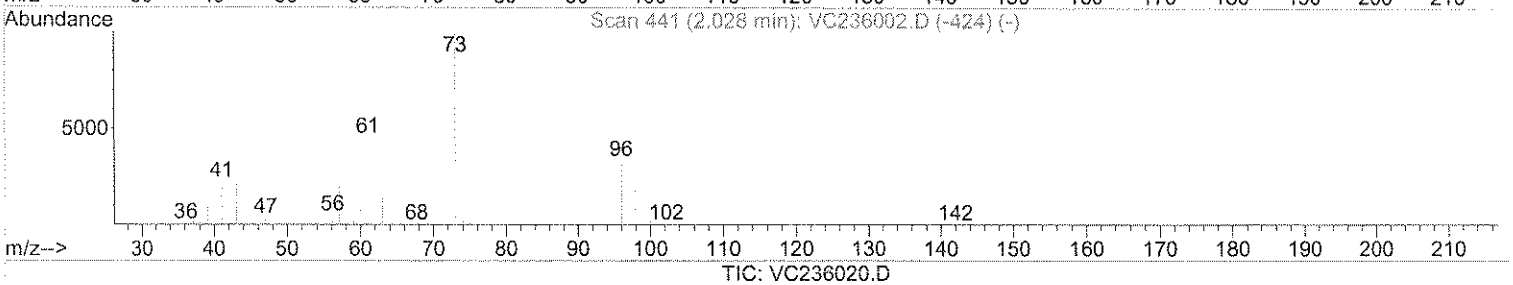
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236020.D

(25) METHYL TERT-BUTYL ETHER (MTBE)

2.028min (+0.000) 0.15UG/L

response 1820

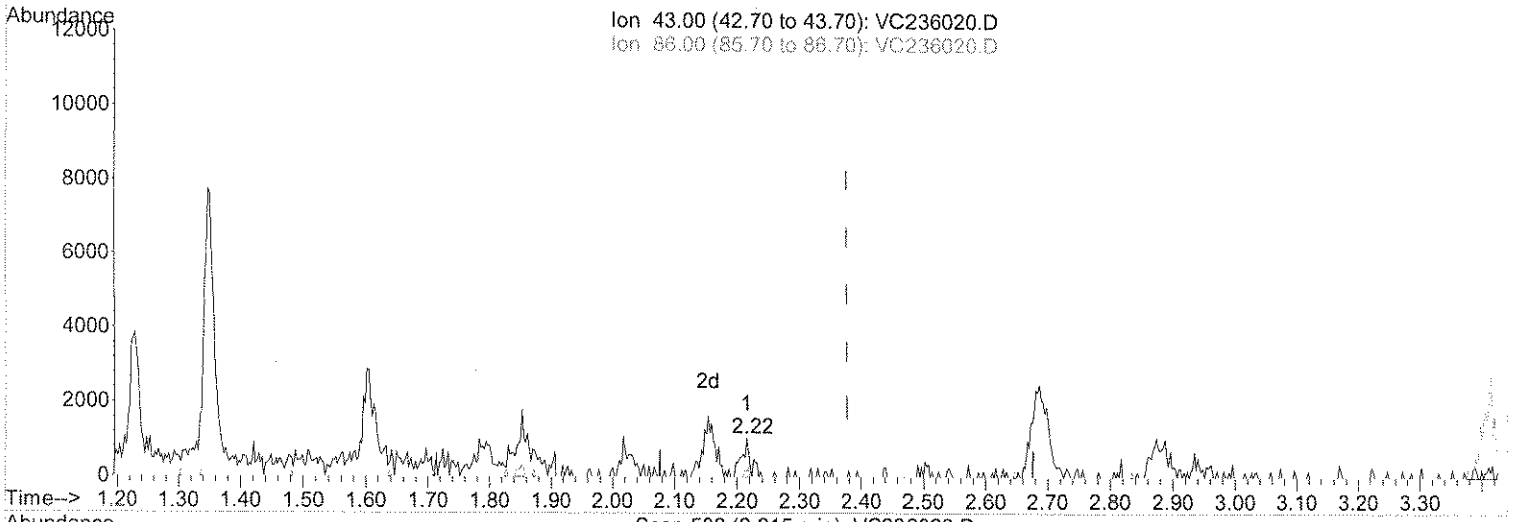
Ion	Exp%	Act%
73.00	100	100
57.00	19.80	80.71#
0.00	0.00	0.00
0.00	0.00	0.00

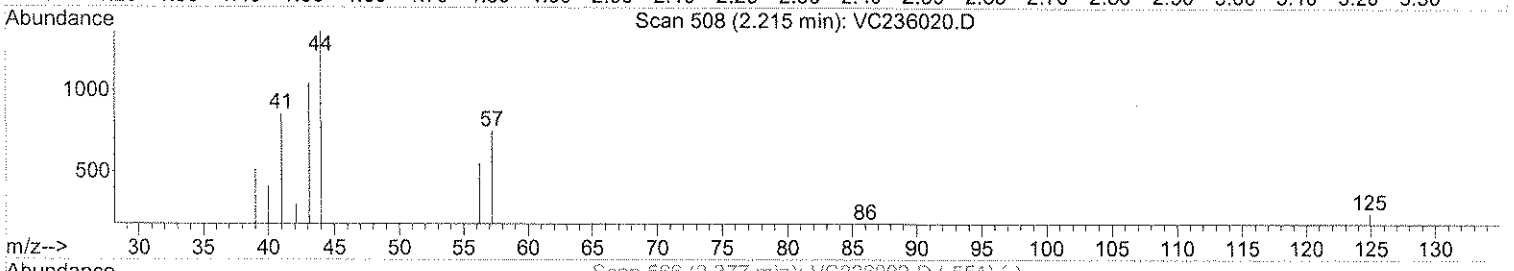
3

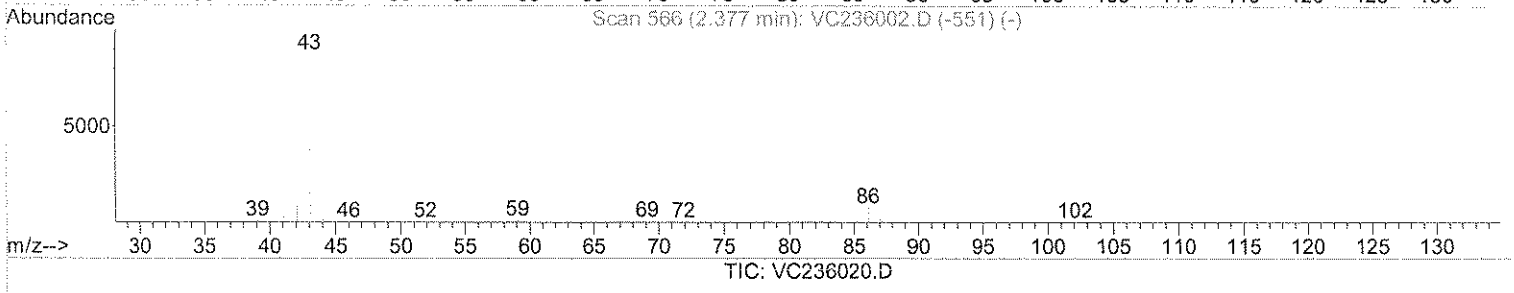
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236020.D

(28) VINYL ACETATE

2.215min (-0.162) 0.11UG/L

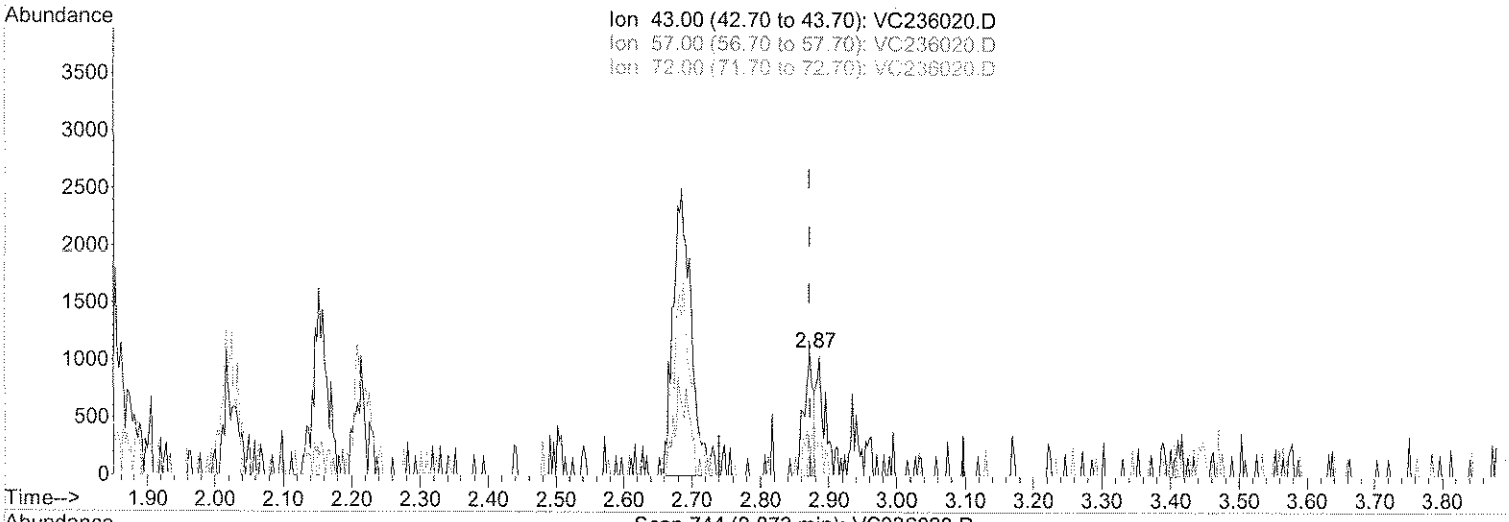
response 839

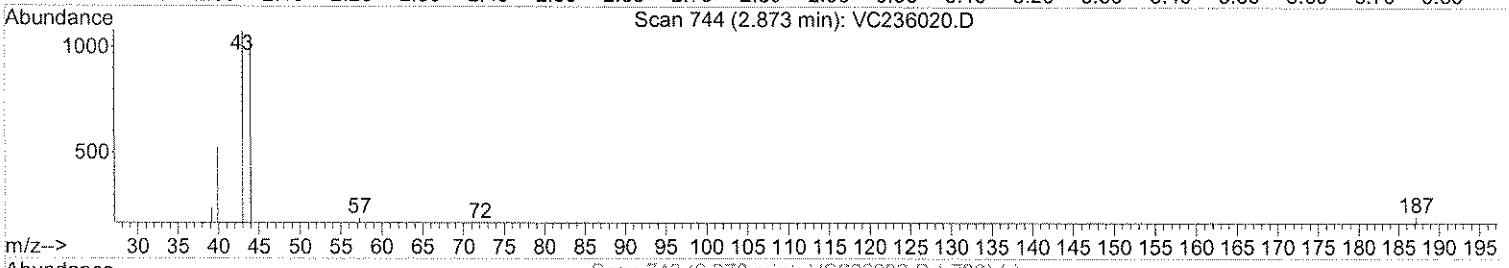
Ion	Exp%	Act%
43.00	100	100
86.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

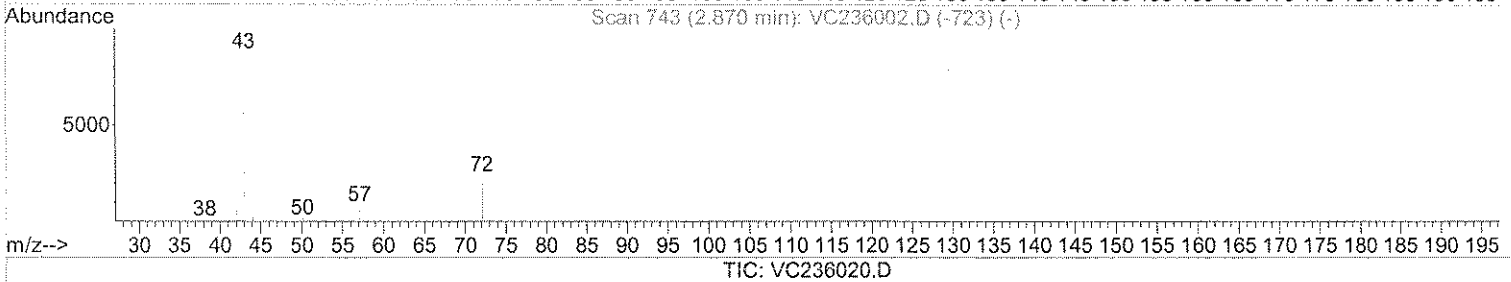
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236020.D

(31) 2-BUTANONE

2.873min (+0.000) 0.65UG/L

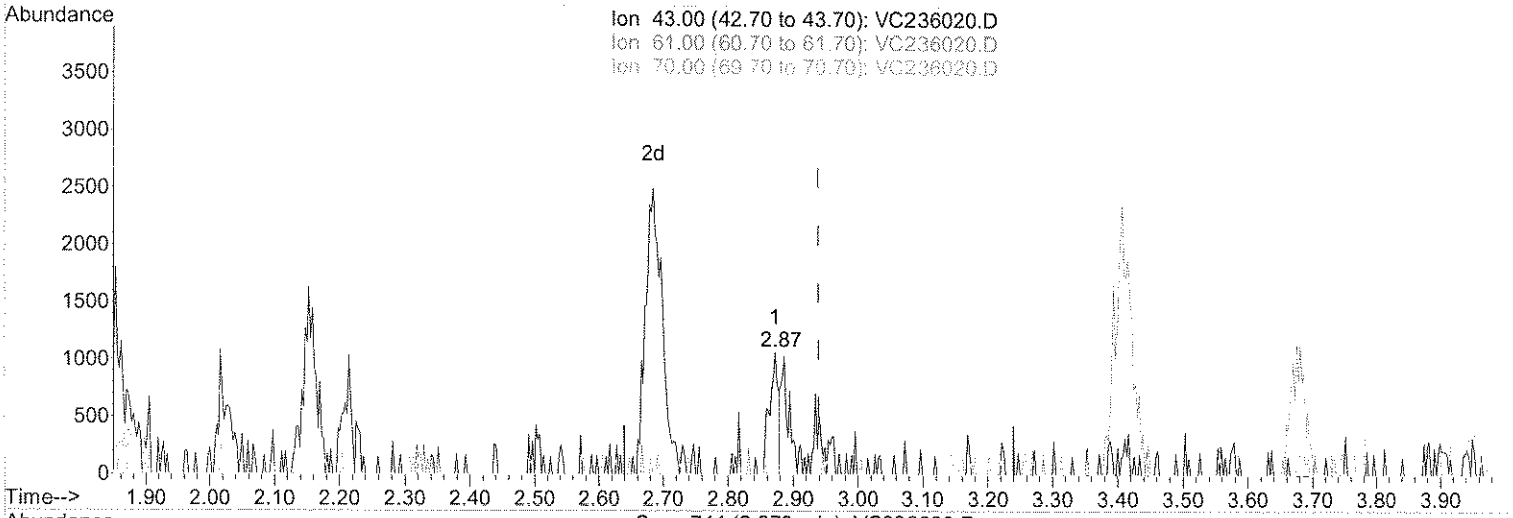
response 1021

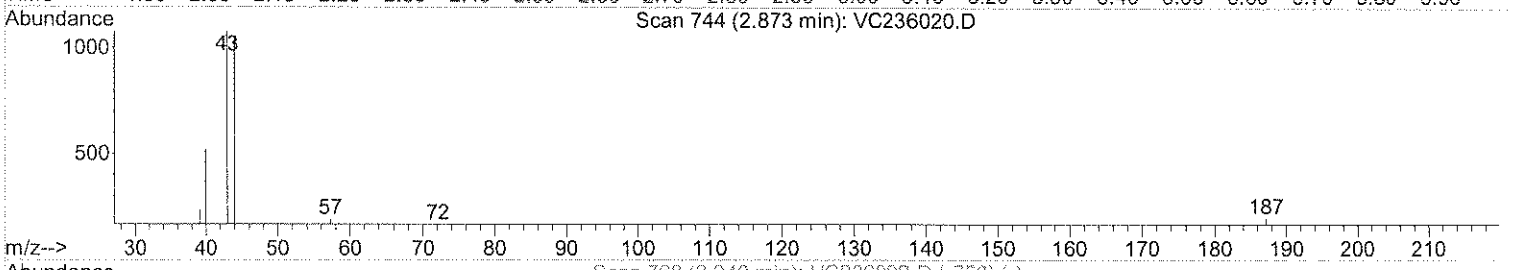
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00#
72.00	23.60	0.00#
0.00	0.00	0.00

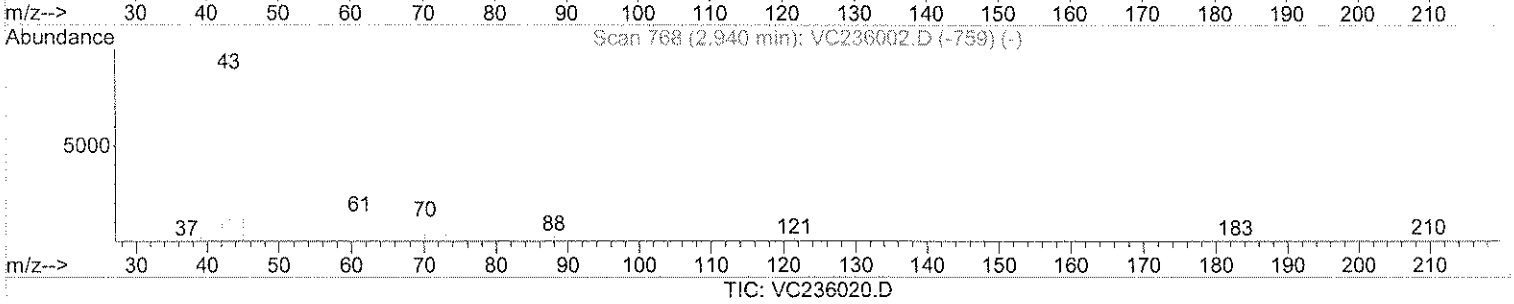
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236020.D

(35) ETHYL ACETATE

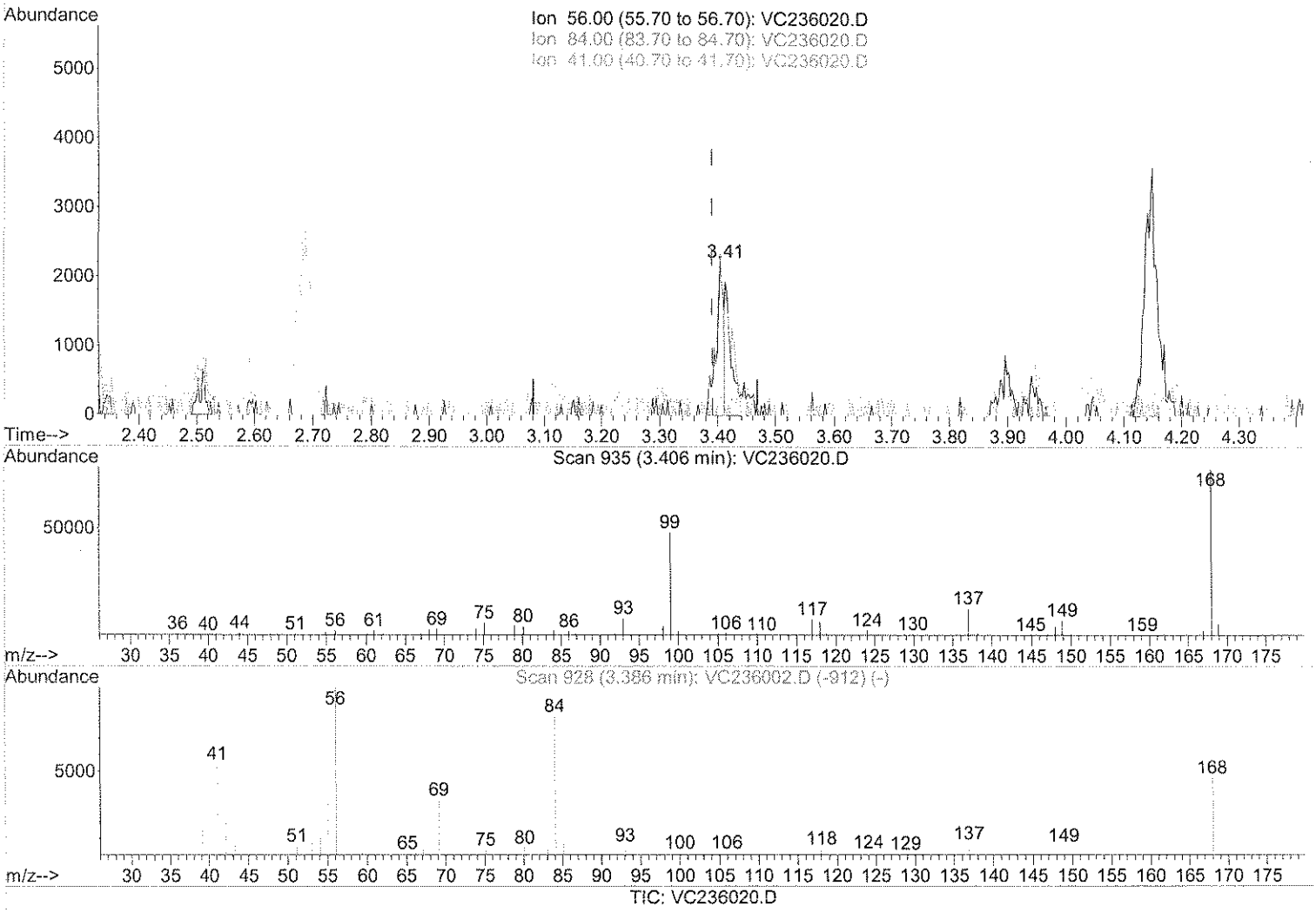
2.873min (-0.067) 0.24UG/L

response 1021

Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236020.D

(42) CYCLOHEXANE

3.406min (+0.014) 0.33UG/L

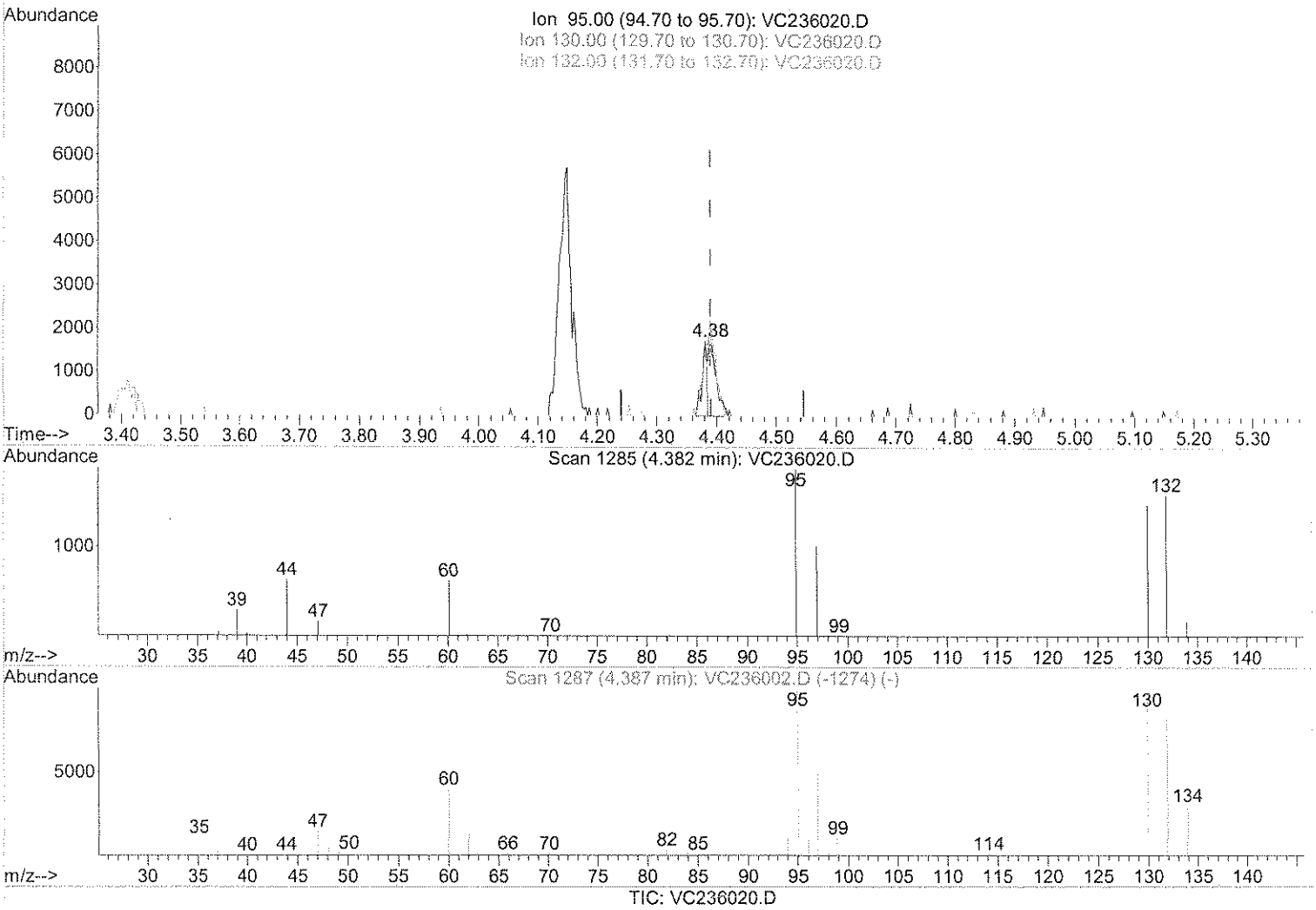
response 1928

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	154.36#
41.00	62.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236020.D

(51) TRICHLOROETHENE

4.382min (-0.008) 0.22UG/L

response 1020

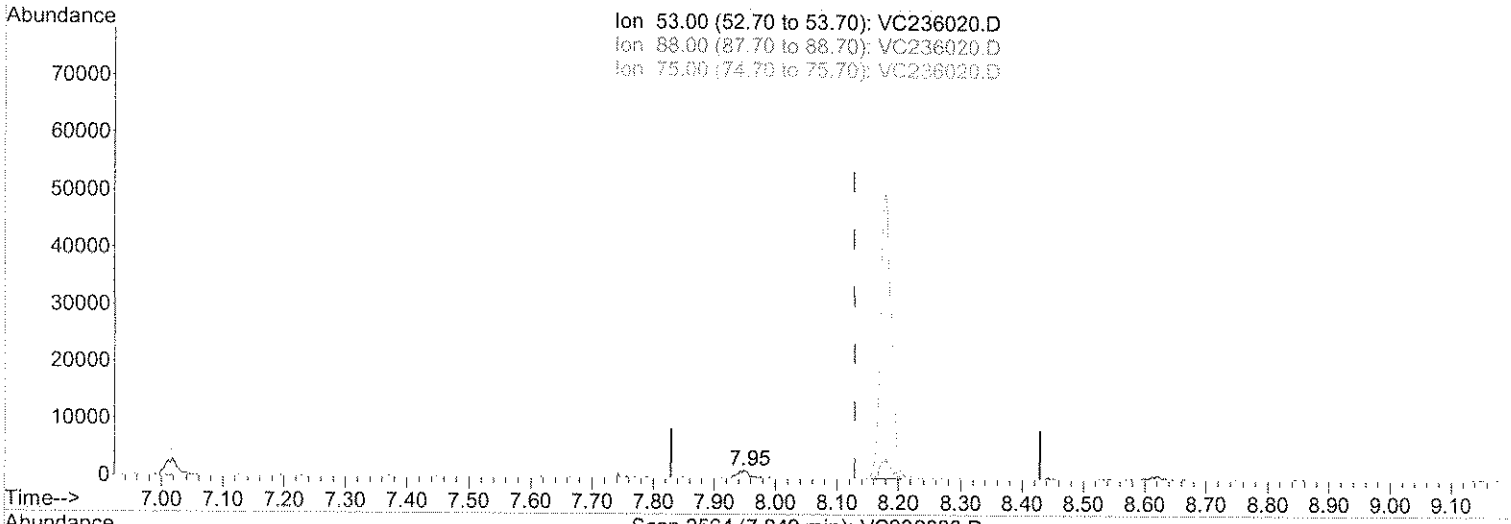
Ion	Exp%	Act%
95.00	100	100
130.00	96.60	279.31#
132.00	93.40	262.25#
0.00	0.00	0.00

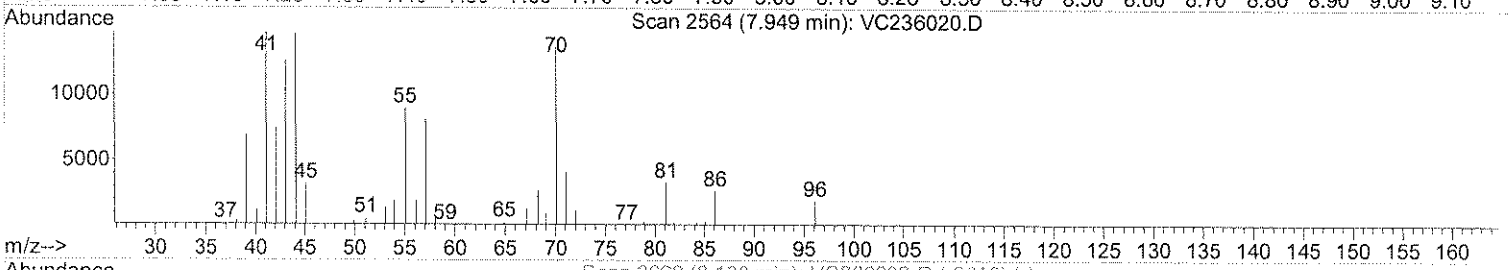
3

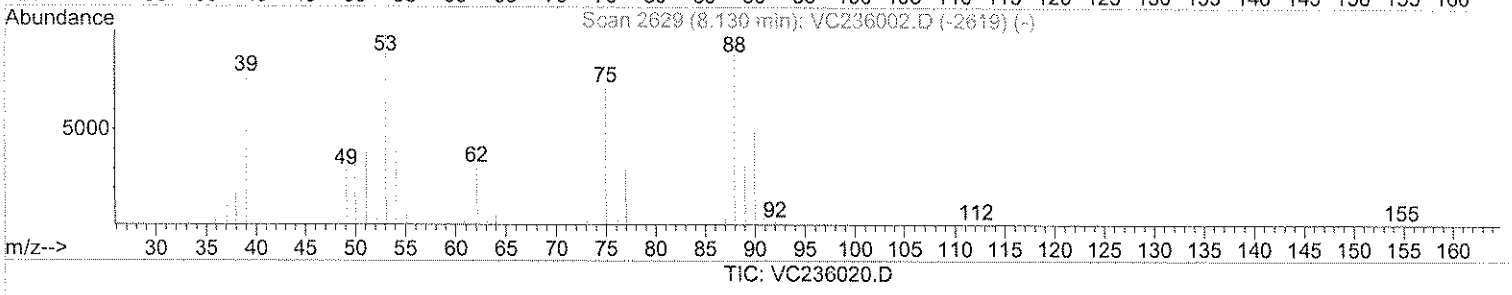
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236020.D

(80) CIS-1,4-DICHLORO-2-BUTENE

7.949min (-0.180) 1.34UG/L

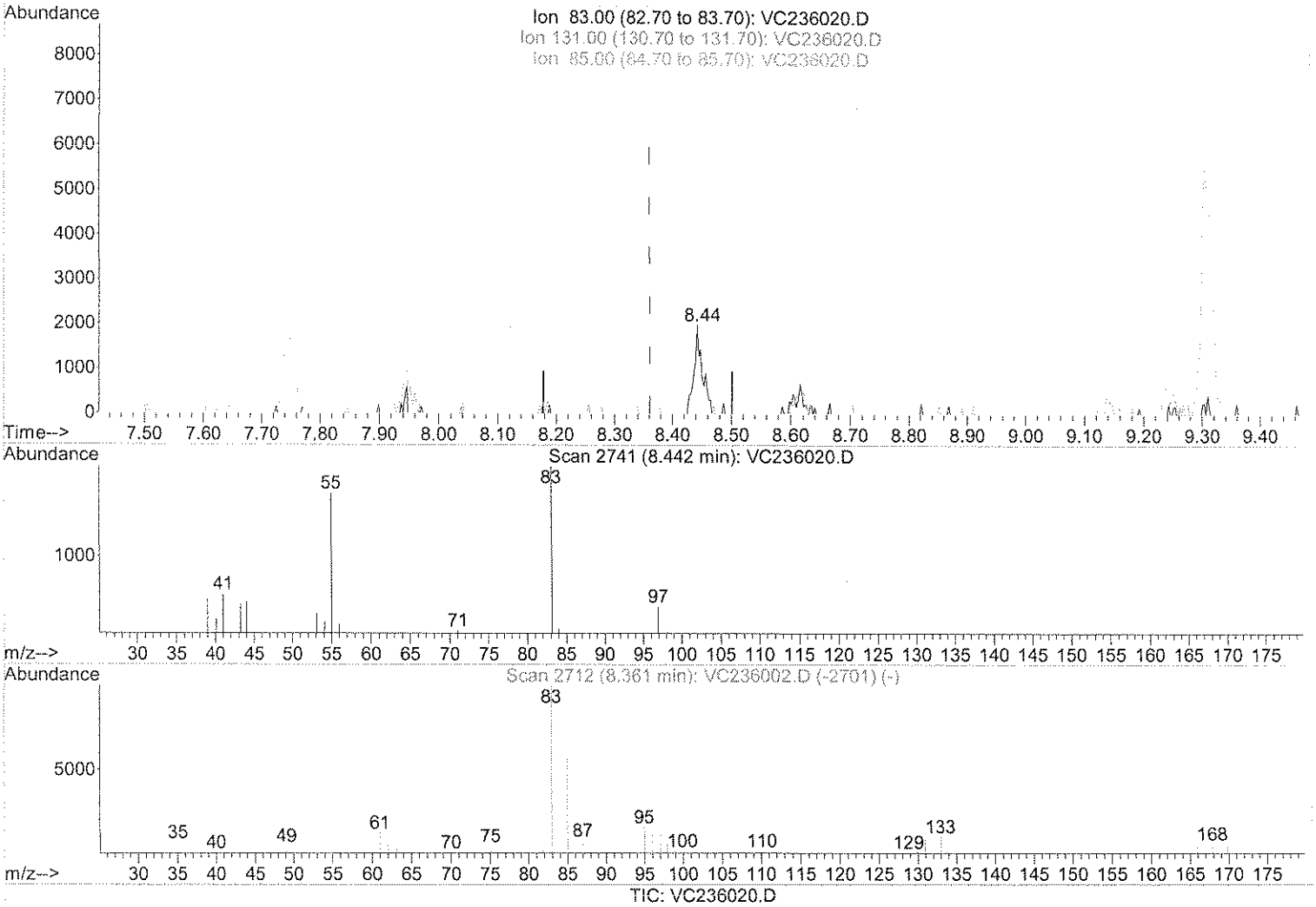
response 1736

Ion	Exp%	Act%
53.00	100	100
88.00	127.40	0.00#
75.00	99.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236020.D

(81) 1,1,2,2-TETRACHLOROETHANE (P)

8.442min (+0.081) 0.39UG/L

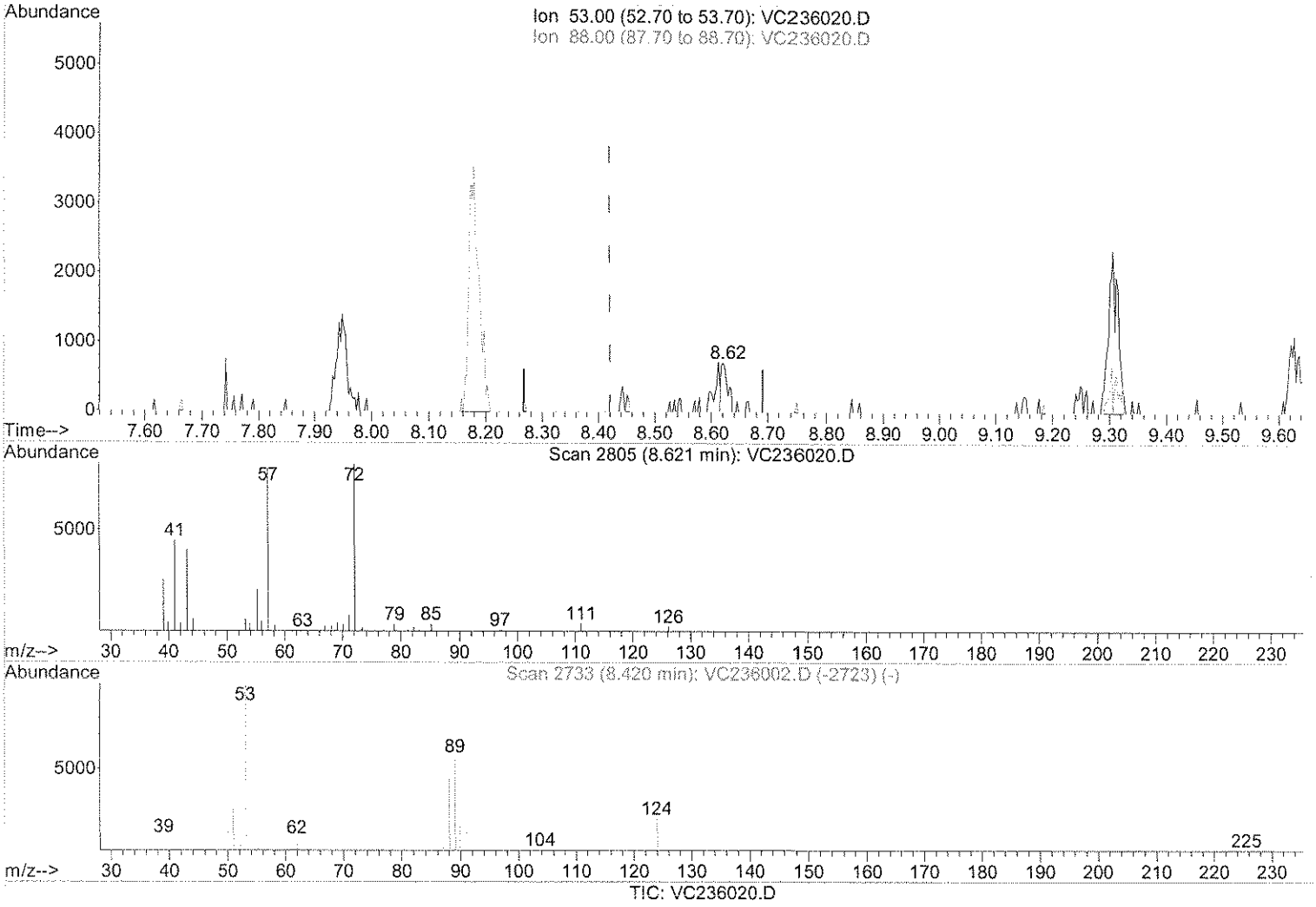
response 1975

Ion	Exp%	Act%
83.00	100	100
131.00	9.90	0.00#
85.00	62.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236020.D
Acq On : 24 Aug 2011 11:24 pm
Operator :
Sample : 11H0909-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 25 07:35:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236020.D

(82) 1,4-DICHLORO-2-BUTENE(TRANS)

8.621min (+0.201) 0.41UG/L

response 580

Ion	Exp%	Act%
53.00	100	100
88.00	58.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

PW16-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-10	File ID:	VC236019.D
Sampled:	08/22/11 15:50	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 22:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	8.5	0.11	0.50	
71-43-2	Benzene	4.4	0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	V-05
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	V-05
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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PW16-100

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Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-10	File ID:	VC236019.D
Sampled:	08/22/11 15:50	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 22:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	6.8	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene	1.5	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW16-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-10	File ID:	VC236019.D
Sampled:	08/22/11 15:50	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 22:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	110	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	1.2	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	2.5	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW16-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H0909-10	File ID:	VC236019.D
Sampled:	08/22/11 15:50	Prepared:	08/24/11 13:02	Analyzed:	08/24/11 22:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				

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

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

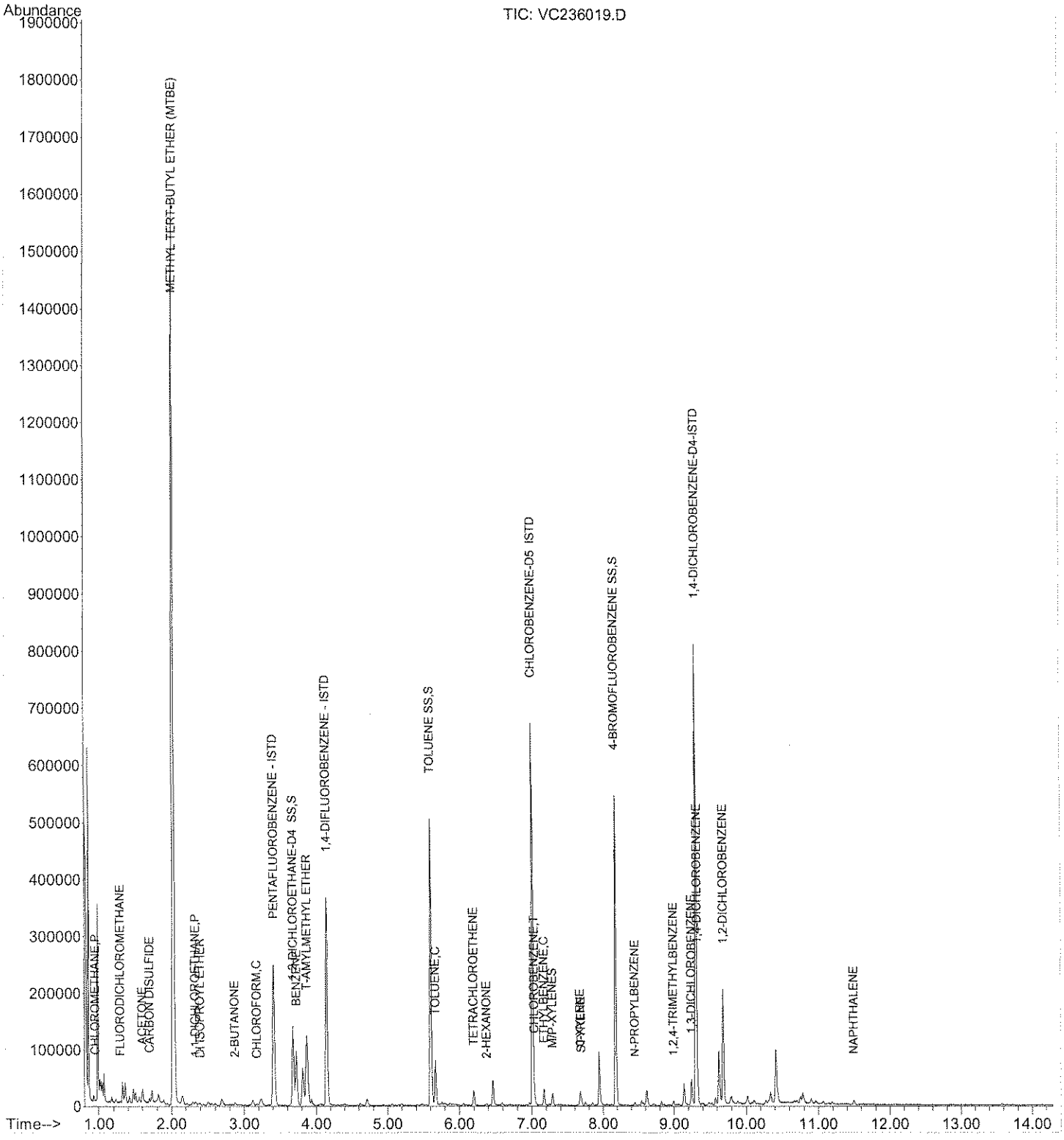
Quant Time: Aug 25 11:04:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

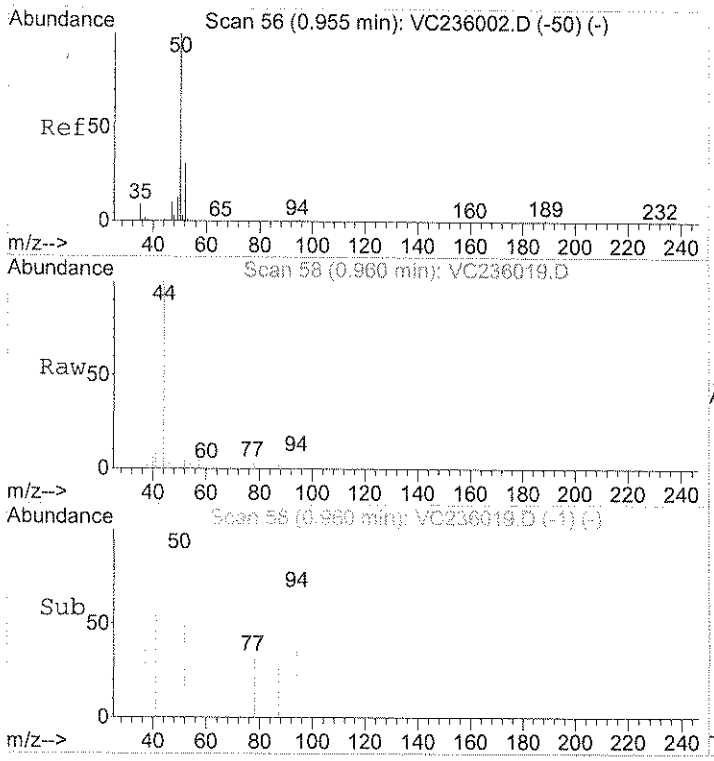
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	170345	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	264420	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	170615	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	182739	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	92123	25.56	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.24%			
49) TOLUENE SS	5.61	98	276586	26.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.76%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	139046	24.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.08%			
Target Compounds						Qvalue
5) CHLOROMETHANE	0.96	50	505m	0.11	UG/L	
9) FLUORODICHLOROMETHANE	1.28	67	692	0.10	UG/L #	42
14) ACETONE	1.61	43	13501	14.74	UG/L	99
24) CARBON DISULFIDE	1.70	76	1389	0.15	UG/L #	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	1281436	105.13	UG/L	100
27) 1,1-DICHLOROETHANE	2.33	63	2346m	0.31	UG/L	
29) DI ISOPROYL ETHER	2.40	45	1882m	0.14	UG/L	
31) 2-BUTANONE	2.87	43	6121m	3.81	UG/L	
40) CHLOROFORM	3.18	83	2331m	0.28	UG/L	
45) BENZENE	3.73	78	69882	4.38	UG/L	96
47) T-AMYLMETHYL ETHER	3.87	73	96247	8.48	UG/L #	94
61) TOLUENE	5.67	91	44316	2.53	UG/L	97
65) 2-HEXANONE	6.37	43	1539	0.63	UG/L #	79
66) TETRACHLOROETHENE	6.19	166	6041	1.24	UG/L	92
72) CHLOROBENZENE	7.04	112	4268	0.36	UG/L	90
74) ETHYLBENZENE	7.17	91	17835	0.85	UG/L	99
75) M/P-XYLENES	7.29	91	9773	0.61	UG/L	96
76) 0-XYLENE	7.67	91	11173	0.66	UG/L	100
77) STYRENE	7.69	104	3667	0.29	UG/L #	70
85) N-PROPYLBENZENE	8.45	91	2621	0.12	UG/L #	55
91) 1,2,4-TRIMETHYLBENZENE	8.99	105	3692	0.23	UG/L	98
93) 1,3-DICHLOROBENZENE	9.24	146	2869m	0.29	UG/L	
95) 1,4-DICHLOROBENZENE	9.33	146	15366	1.50	UG/L #	90
97) 1,2-DICHLOROBENZENE	9.69	146	66541	6.85	UG/L	100
102) NAPHTHALENE	11.50	128	3908m	0.33	UG/L	

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

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 11:04:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

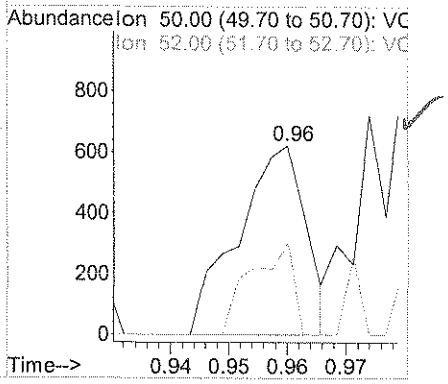


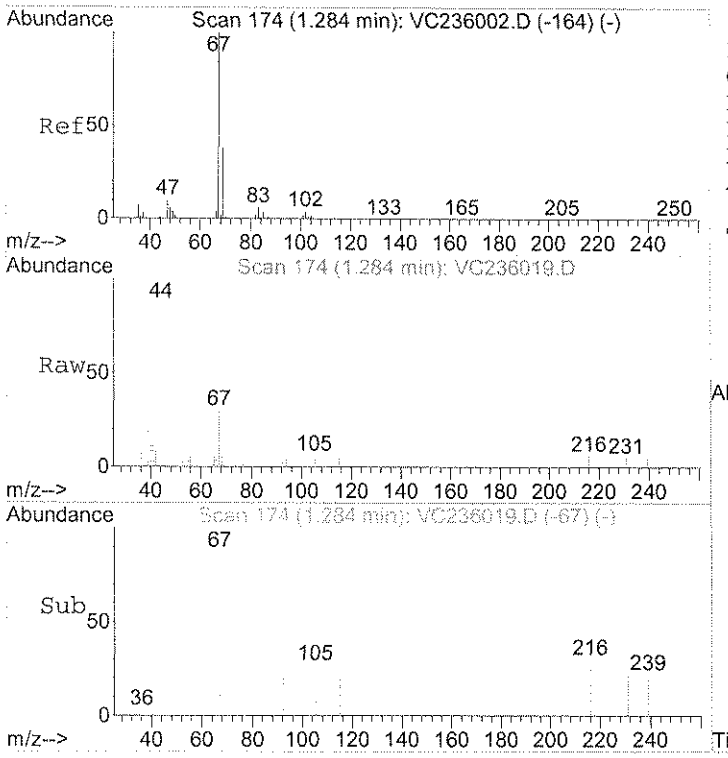


#5
CHLOROMETHANE
Concen: 0.11 UG/L m
RT: 0.96 min Scan# 58
Delta R.T. 0.01 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 50 Resp: 505

Ion	Ratio	Lower	Upper
50	100		
52	142.2	26.1	39.1#

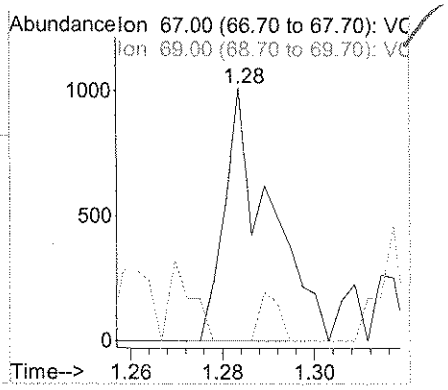


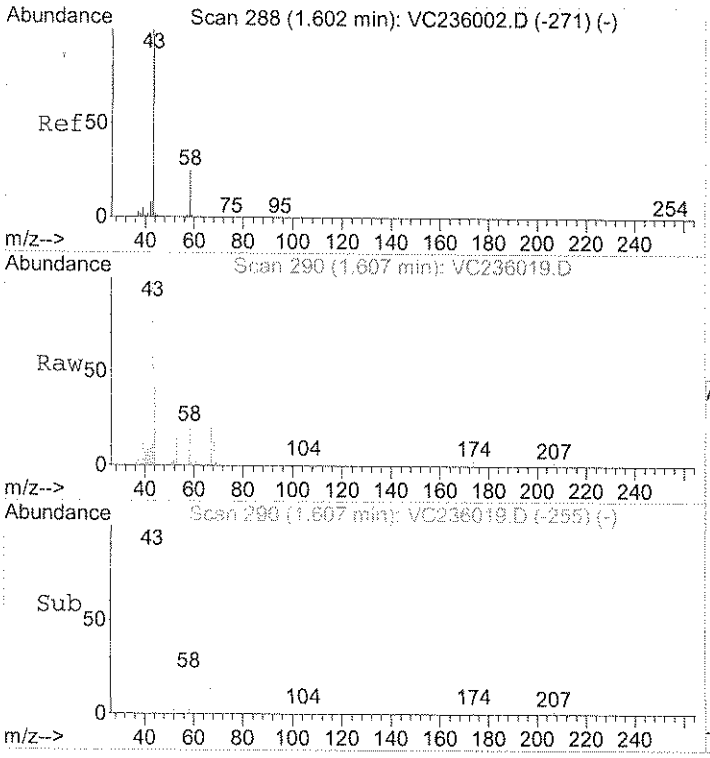


#9
FLUORODICHLOROMETHANE
Concen: 0.10 UG/L
RT: 1.28 min Scan# 174
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 67 Resp: 692

Ion	Ratio	Lower	Upper
67	100		
69	0.0	25.8	38.8#

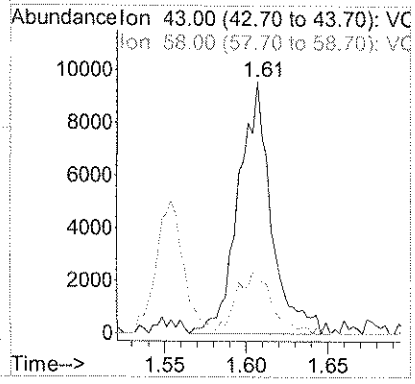


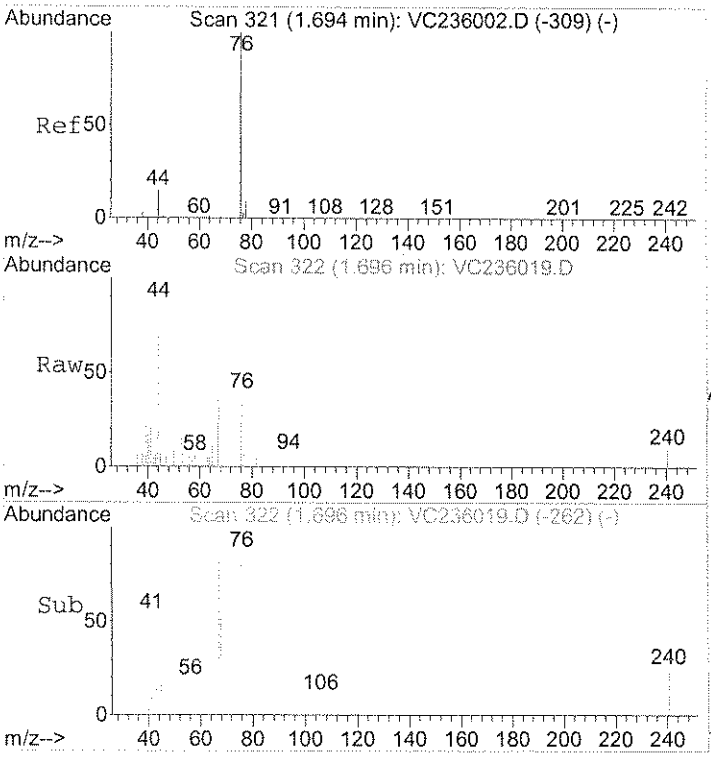


#14
ACETONE
Concen: 14.74 UG/L
RT: 1.61 min Scan# 290
Delta R.T. 0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 43 Resp: 13501

Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.2	30.2

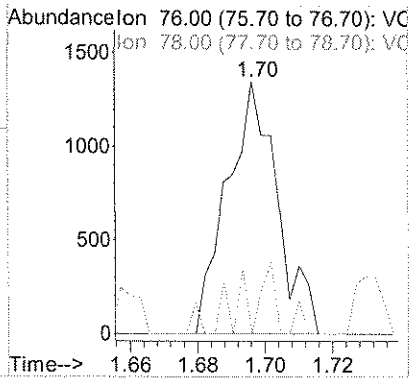


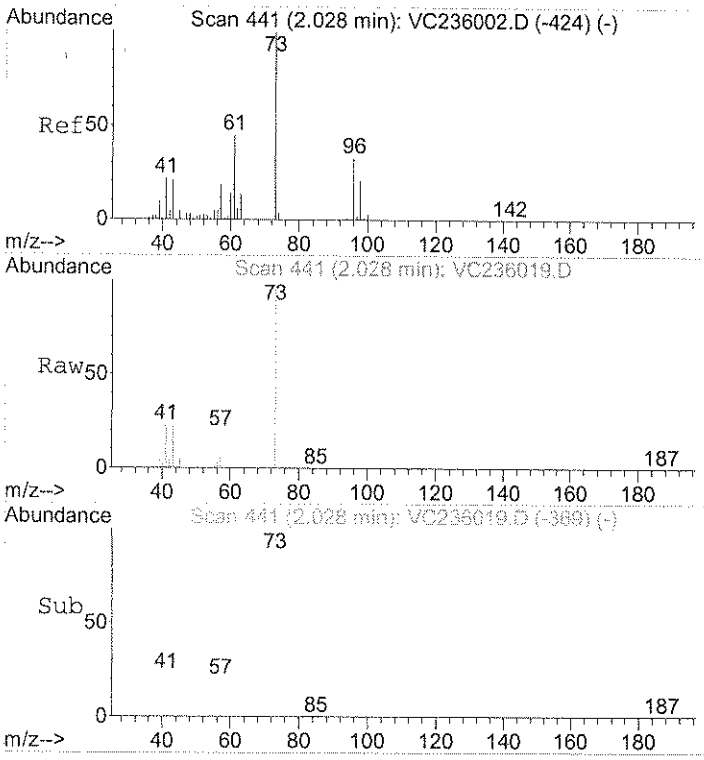


#24
CARBON DISULFIDE
Concen: 0.15 UG/L
RT: 1.70 min Scan# 322
Delta R.T. 0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 76 Resp: 1389

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

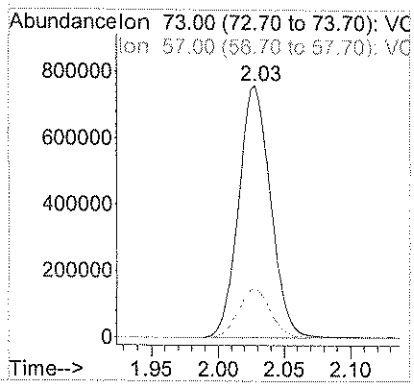


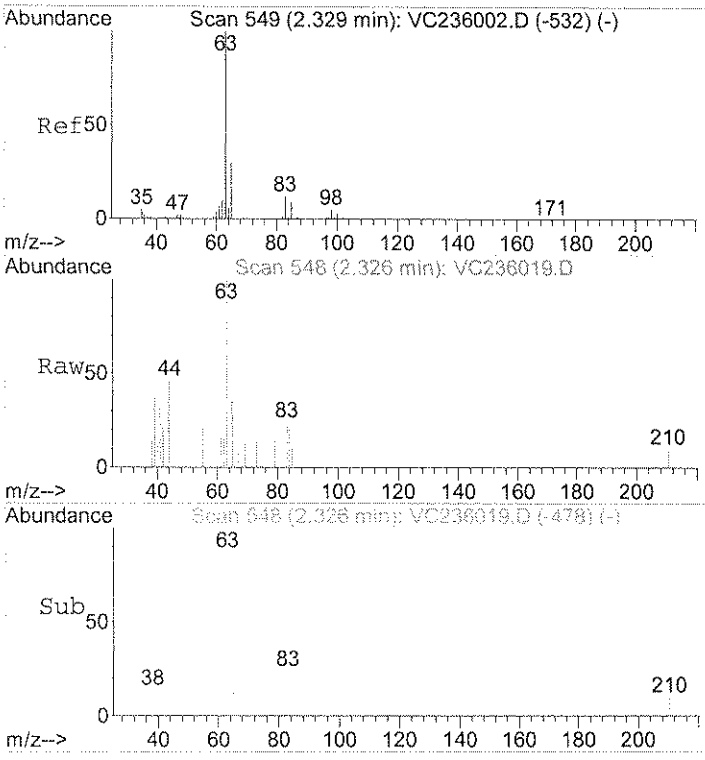


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 105.13 UG/L
RT: 2.03 min Scan# 441
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 73 Resp: 1281436

Ion	Ratio	Lower	Upper
73	100		
57	19.7	15.8	23.8

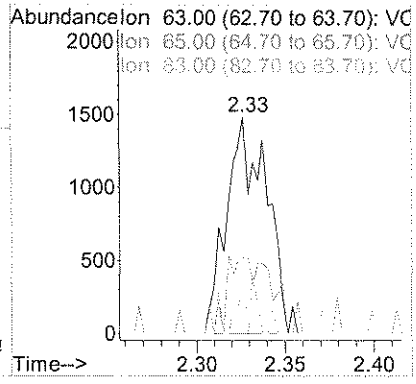


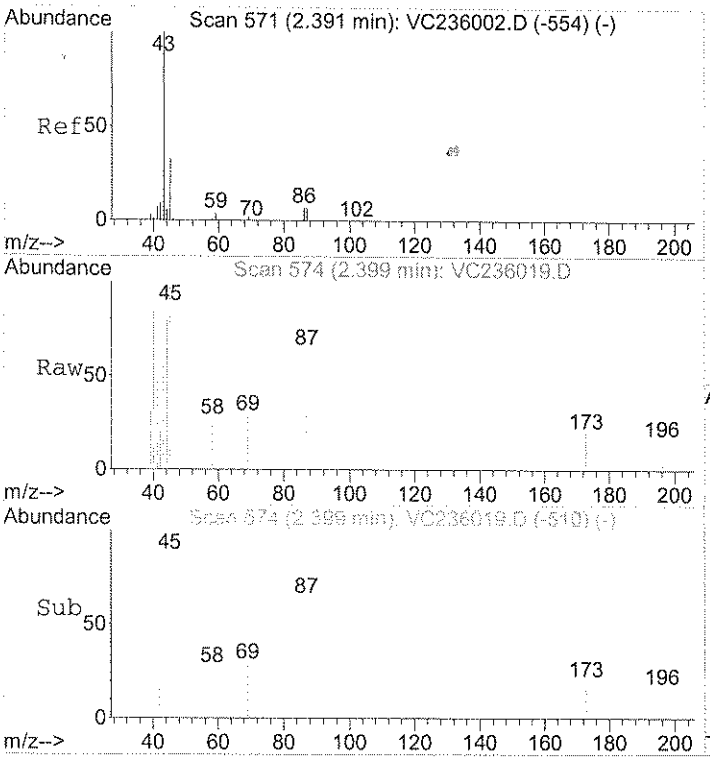


#27
1,1-DICHLOROETHANE
Concen: 0.31 UG/L m
RT: 2.33 min Scan# 548
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 63 Resp: 2346

Ion	Ratio	Lower	Upper
63	100		
65	21.8	25.2	37.8#
83	0.0	11.3	16.9#

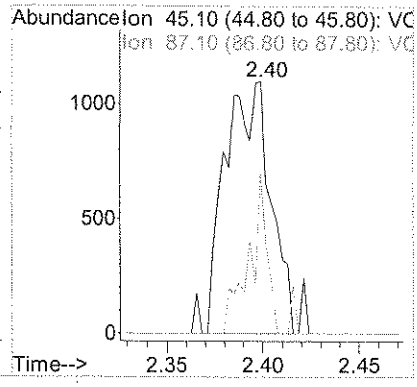


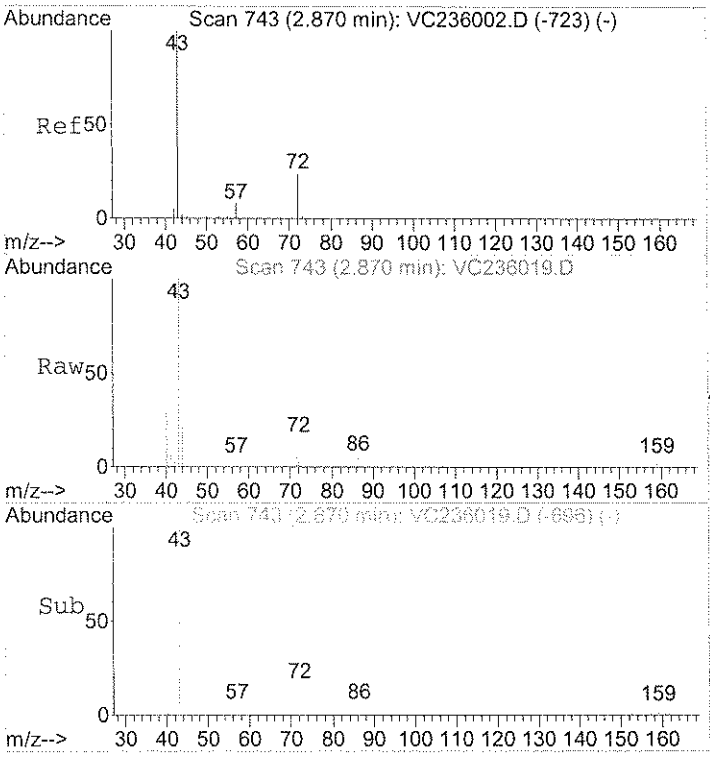


#29
DI ISOPROYL ETHER
Concen: 0.14 UG/L m
RT: 2.40 min Scan# 574
Delta R.T. 0.01 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 45 Resp: 1882

Ion	Ratio	Lower	Upper
45	100		
87	0.0	20.2	30.4#

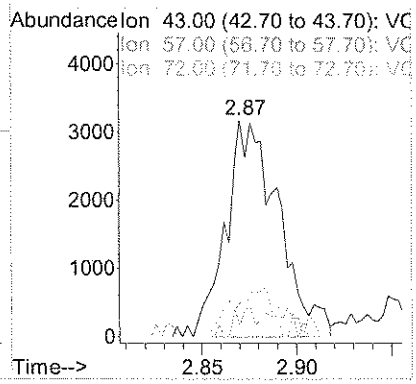


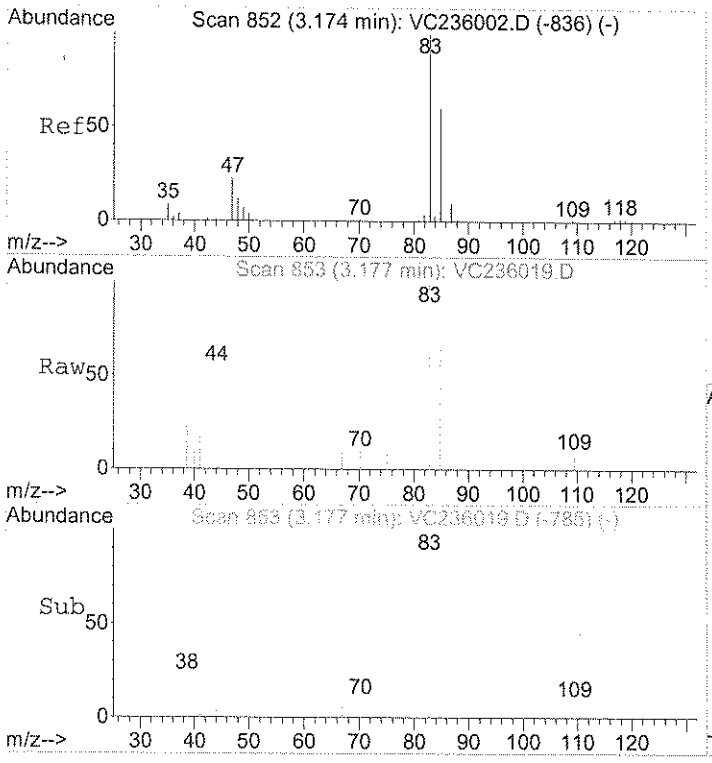


#31
2-BUTANONE
Concen: 3.81 UG/L m
RT: 2.87 min Scan# 743
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 43 Resp: 6121

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.2#
72	13.1	18.9	28.3#

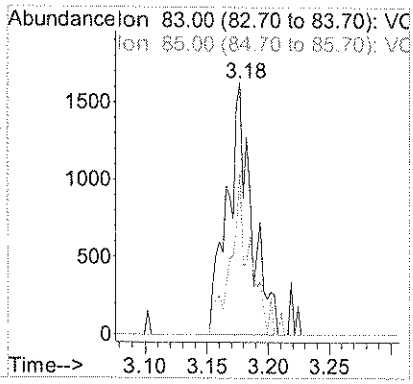


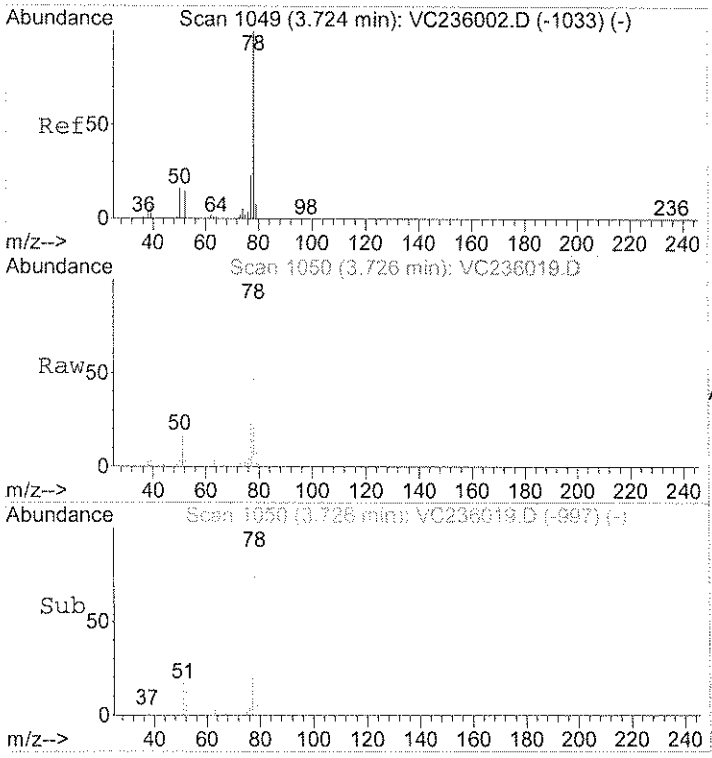


#40
CHLOROFORM
Concen: 0.28 UG/L m
RT: 3.18 min Scan# 853
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 83 Resp: 2331

Ion	Ratio	Lower	Upper
83	100		
85	34.9	50.4	75.6#

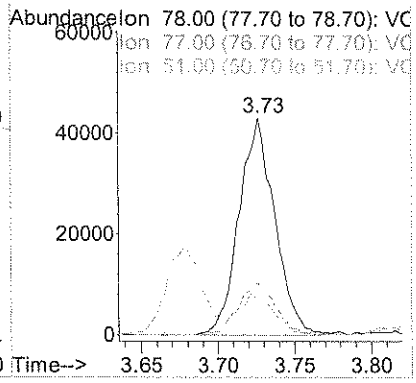


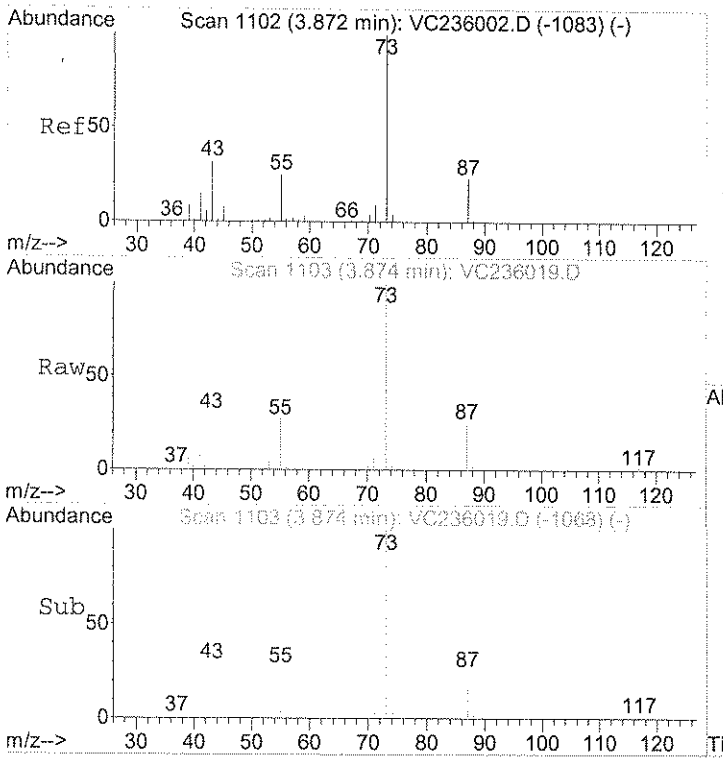


#45
BENZENE
Concen: 4.38 UG/L
RT: 3.73 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 78 Resp: 69882

Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.6	28.0
51	19.1	17.1	25.7

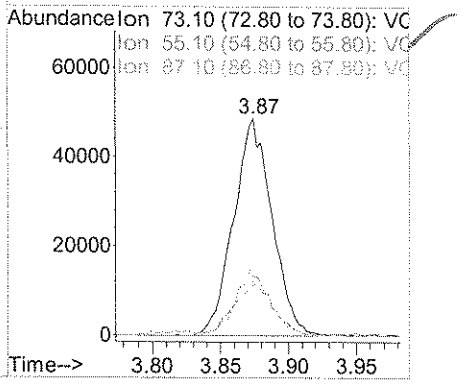


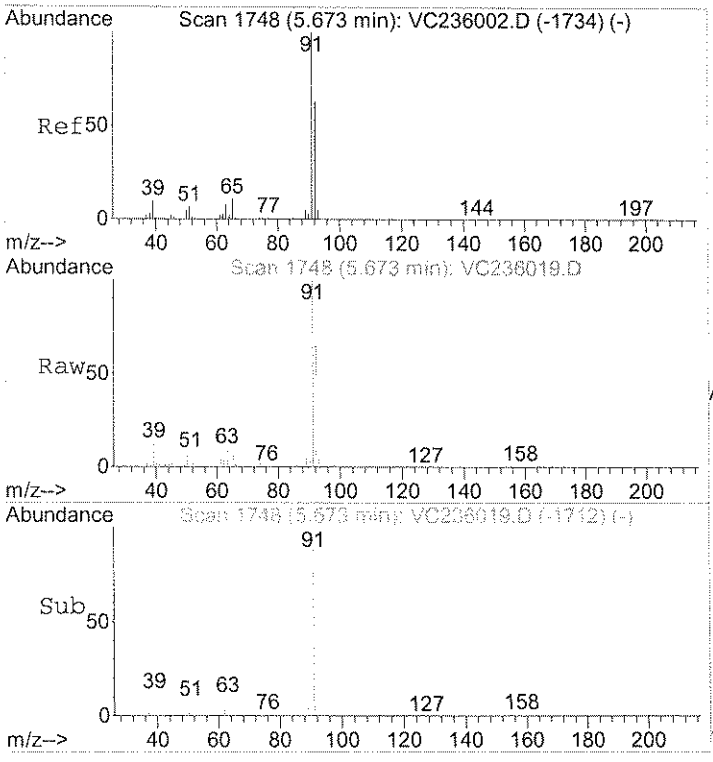


#47
T-AMYLMETHYL ETHER
Concen: 8.48 UG/L
RT: 3.87 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 73 Resp: 96247

Ion	Ratio	Lower	Upper
73	100		
55	27.3	17.7	26.5#
87	23.7	20.0	30.0

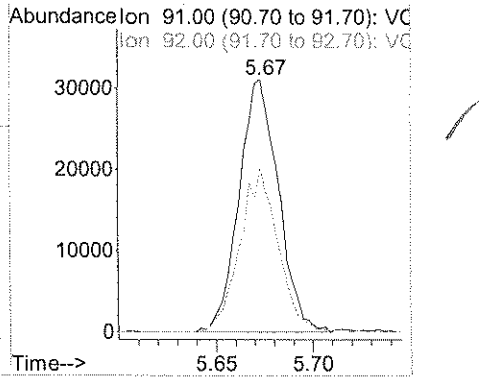


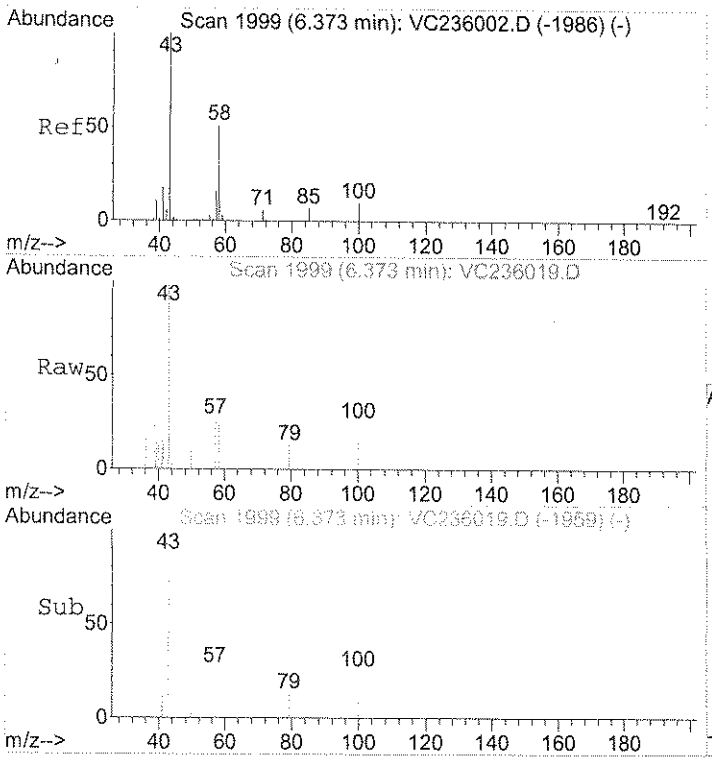


#61
TOLUENE
Concen: 2.53 UG/L
RT: 5.67 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 91 Resp: 44316

Ion	Ratio	Lower	Upper
91	100		
92	62.7	48.2	72.2

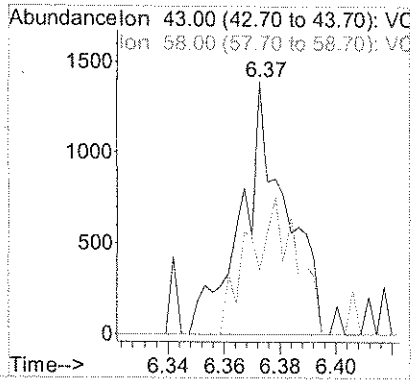


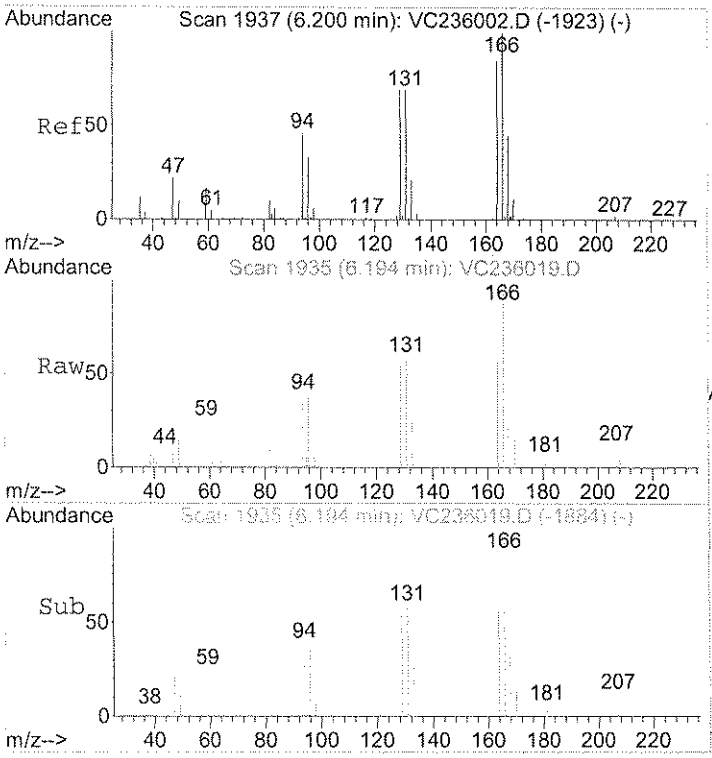


#65
2-HEXANONE
Concen: 0.63 UG/L
RT: 6.37 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 43 Resp: 1539

Ion	Ratio	Lower	Upper
43	100		
58	37.0	41.4	62.2#

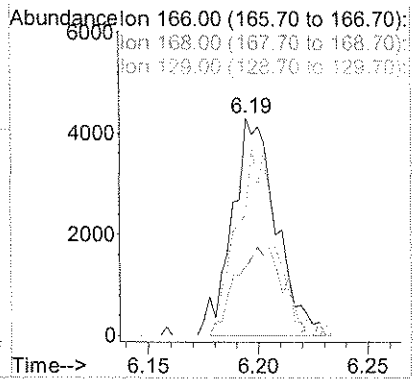


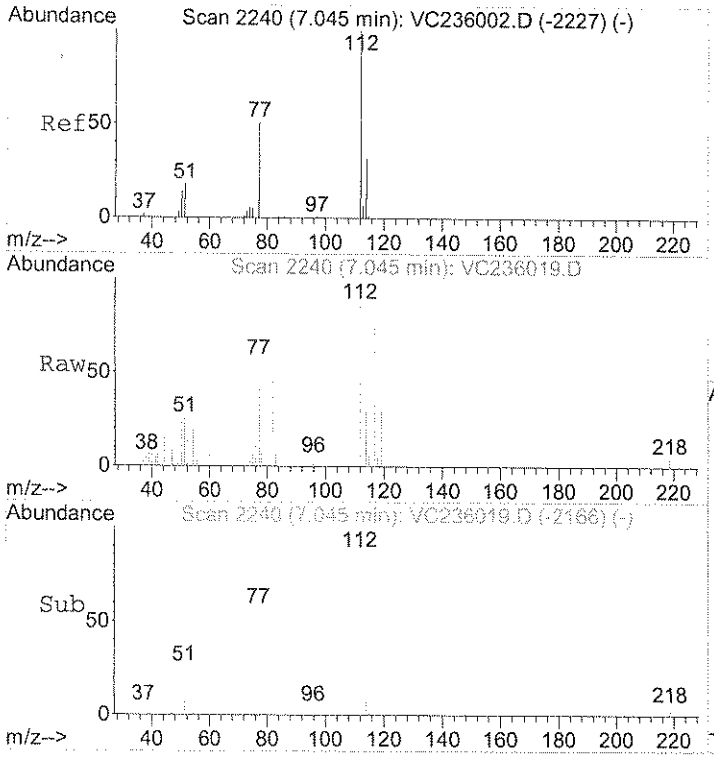


#66
TETRACHLOROETHENE
Concen: 1.24 UG/L
RT: 6.19 min Scan# 1935
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion:166 Resp: 6041

Ion	Ratio	Lower	Upper
166	100		
168	43.2	38.1	57.1
129	74.0	53.6	80.4

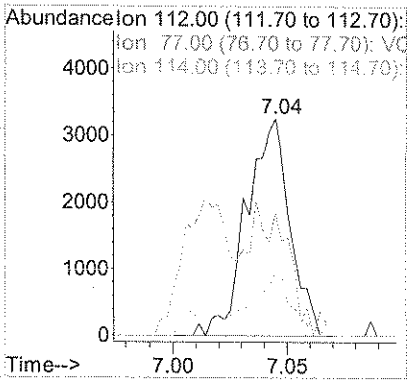


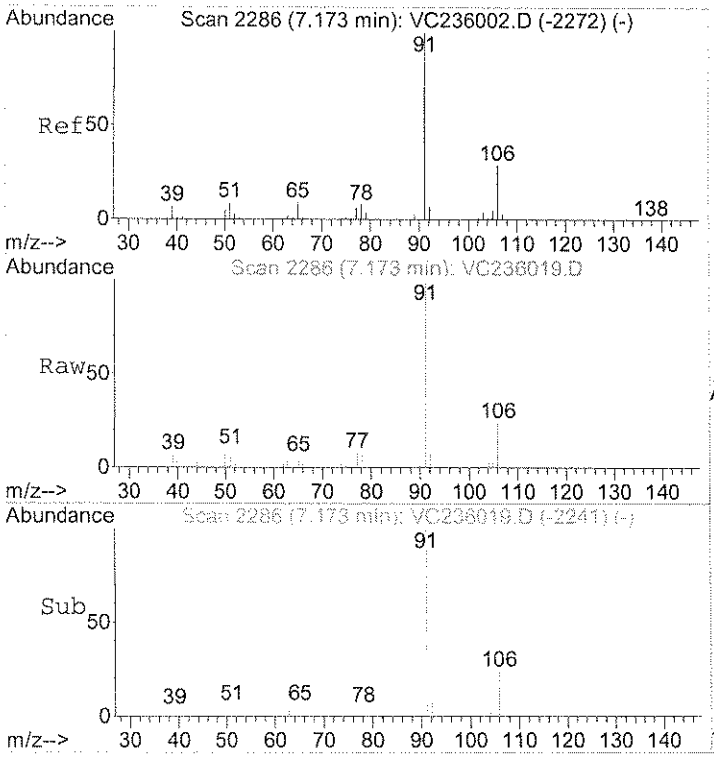


#72
CHLOROBENZENE
Concen: 0.36 UG/L
RT: 7.04 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion:112 Resp: 4268

Ion	Ratio	Lower	Upper
112	100		
77	67.8	47.9	71.9
114	28.1	26.2	39.4

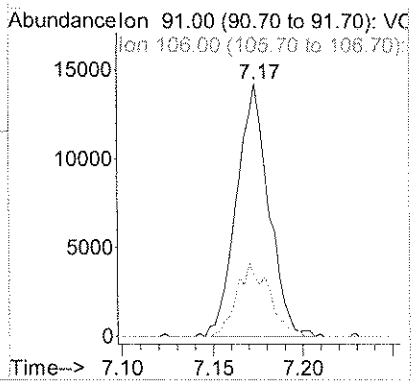


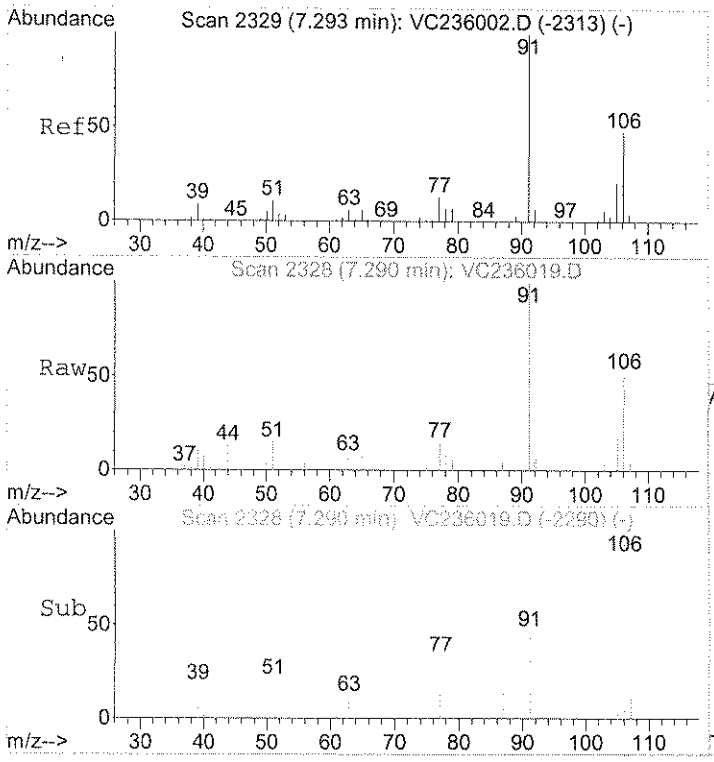


#74
ETHYLBENZENE
Concen: 0.85 UG/L
RT: 7.17 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 91 Resp: 17835

Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.4	35.0

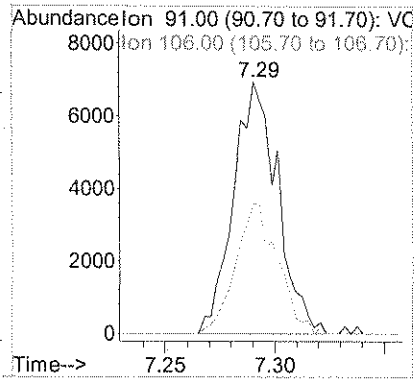


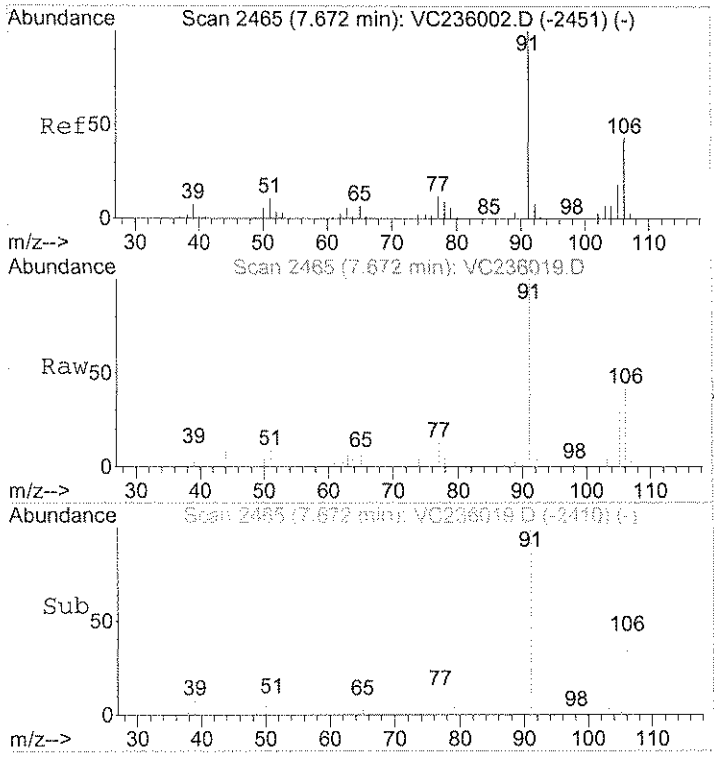


#75
M/P-XYLENES
Concen: 0.61 UG/L
RT: 7.29 min Scan# 2328
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 91 Resp: 9773

Ion	Ratio	Lower	Upper
91	100		
106	49.1	37.0	55.4

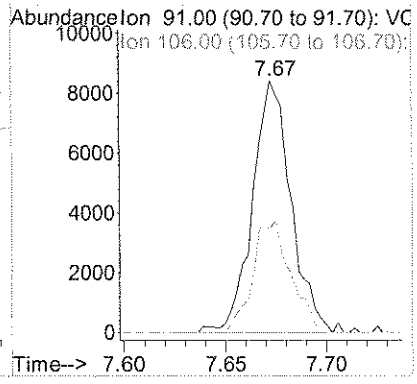


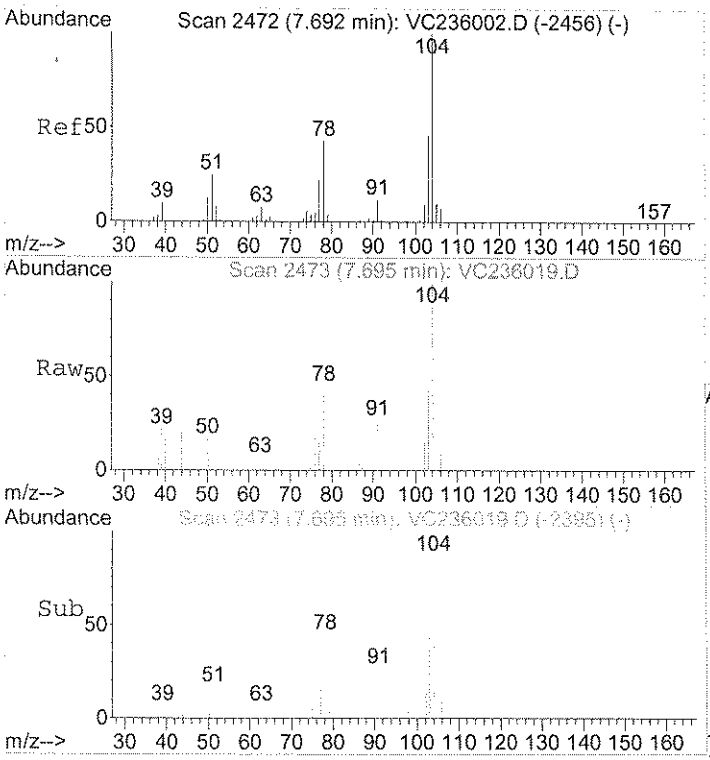


#76
O-XYLENE
Concen: 0.66 UG/L
RT: 7.67 min Scan# 2465
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 91 Resp: 11173

Ion	Ratio	Lower	Upper
91	100		
106	44.1	35.5	53.3

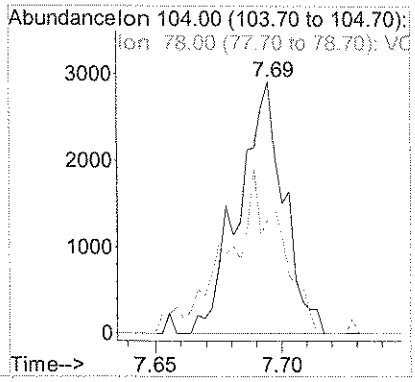


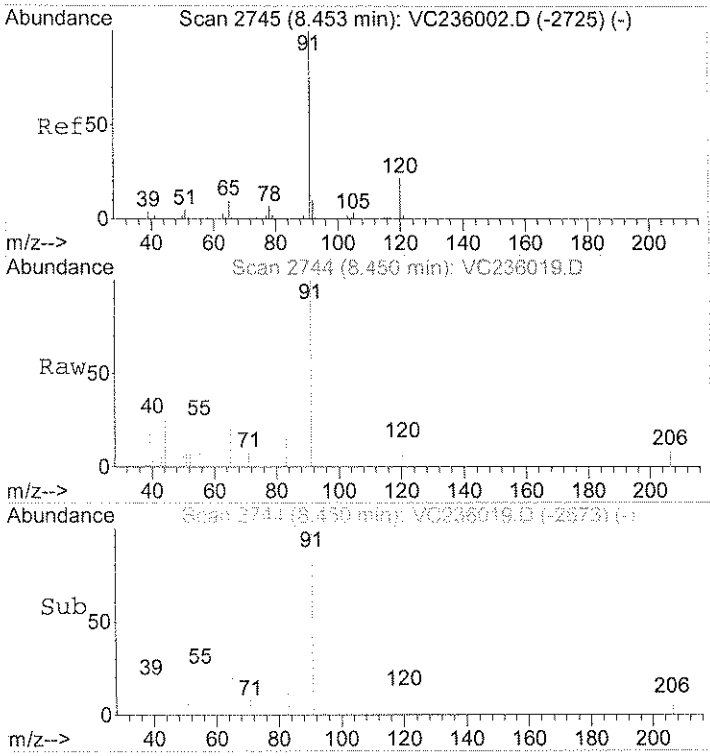


#77
STYRENE
Concen: 0.29 UG/L
RT: 7.69 min Scan# 2473
Delta R.T. 0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion:104 Resp: 3667

Ion	Ratio	Lower	Upper
104	100		
78	76.7	44.2	66.2#

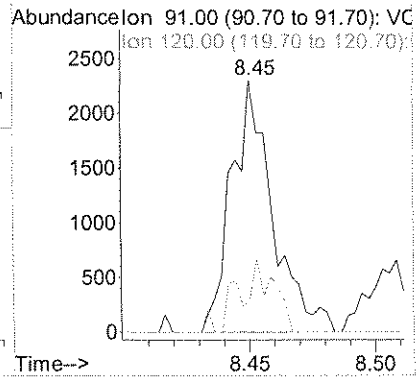


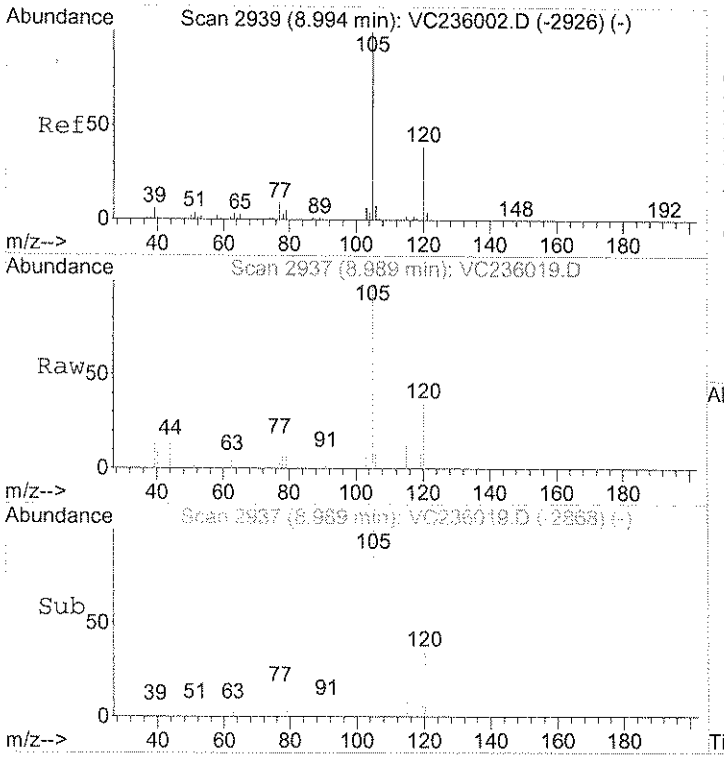


#85
N-PROPYLBENZENE
Concen: 0.12 UG/L
RT: 8.45 min Scan# 2744
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion: 91 Resp: 2621

Ion	Ratio	Lower	Upper
91	100		
120	0.0	17.0	25.6#

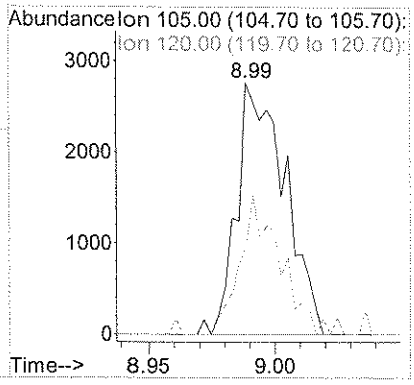


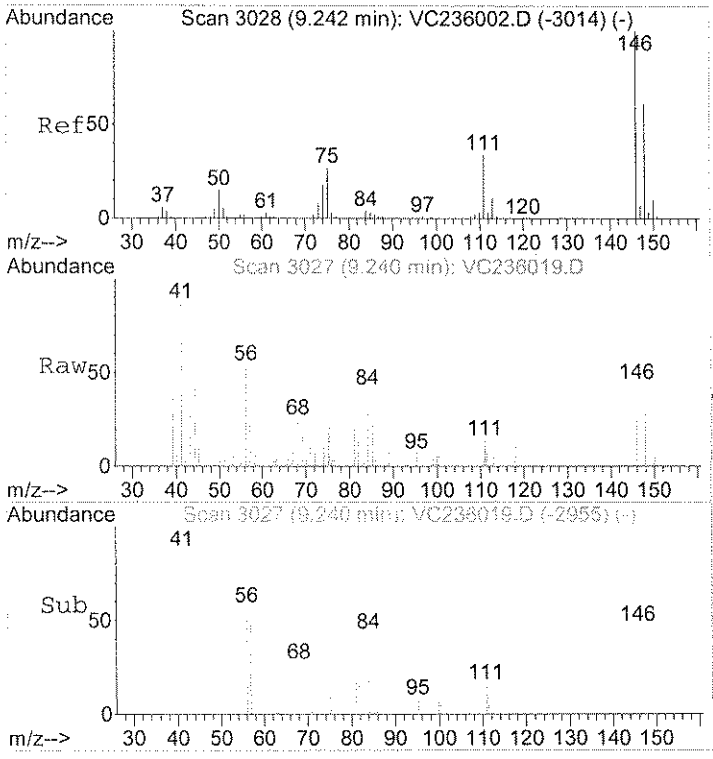


#91
1,2,4-TRIMETHYLBENZENE
Concen: 0.23 UG/L
RT: 8.99 min Scan# 2937
Delta R.T. -0.01 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion:105 Resp: 3692

Ion	Ratio	Lower	Upper
105	100		
120	46.9	36.3	54.5

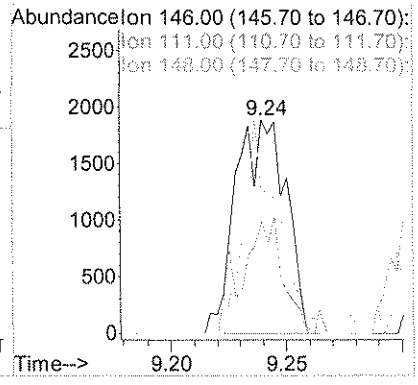


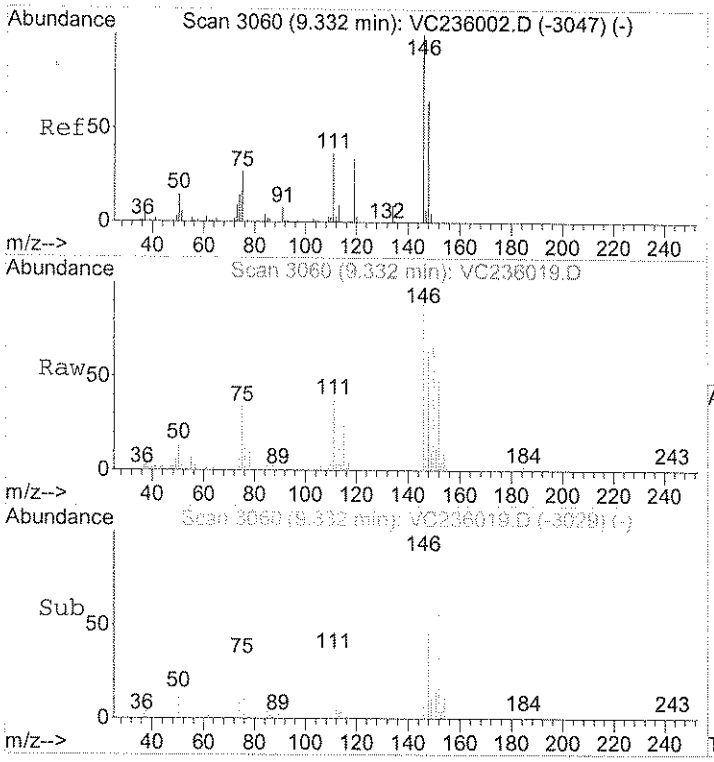


#93
1,3-DICHLOROBENZENE
Concen: 0.29 UG/L m
RT: 9.24 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion:146 Resp: 2869

Ion	Ratio	Lower	Upper
146	100		
111	35.0	30.0	45.0
148	64.4	51.1	76.7

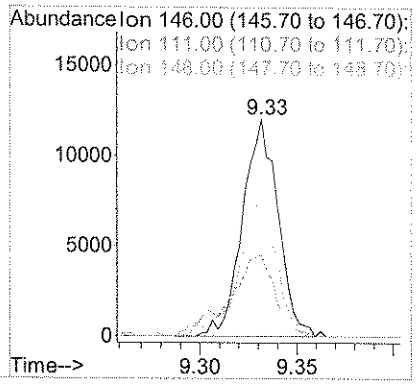


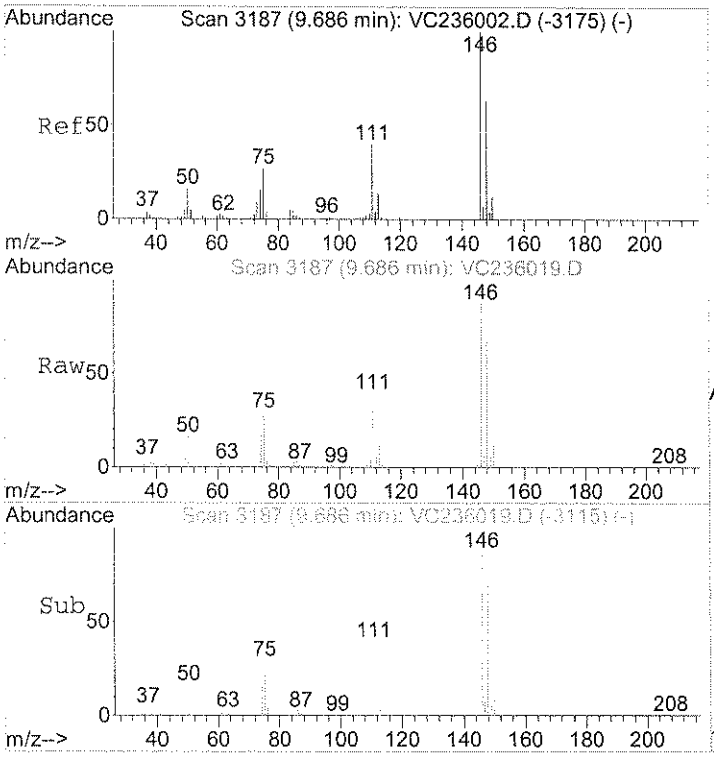


#95
1,4-DICHLOROBENZENE
Concen: 1.50 UG/L
RT: 9.33 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion:146 Resp: 15366

Ion	Ratio	Lower	Upper
146	100		
111	47.5	28.8	43.2#
148	68.6	51.7	77.5

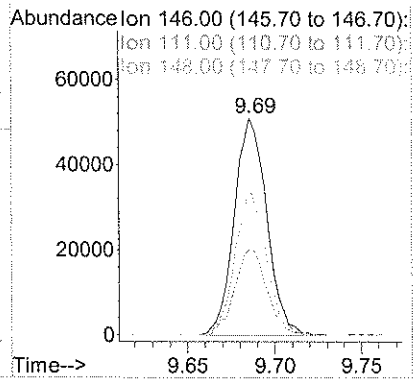


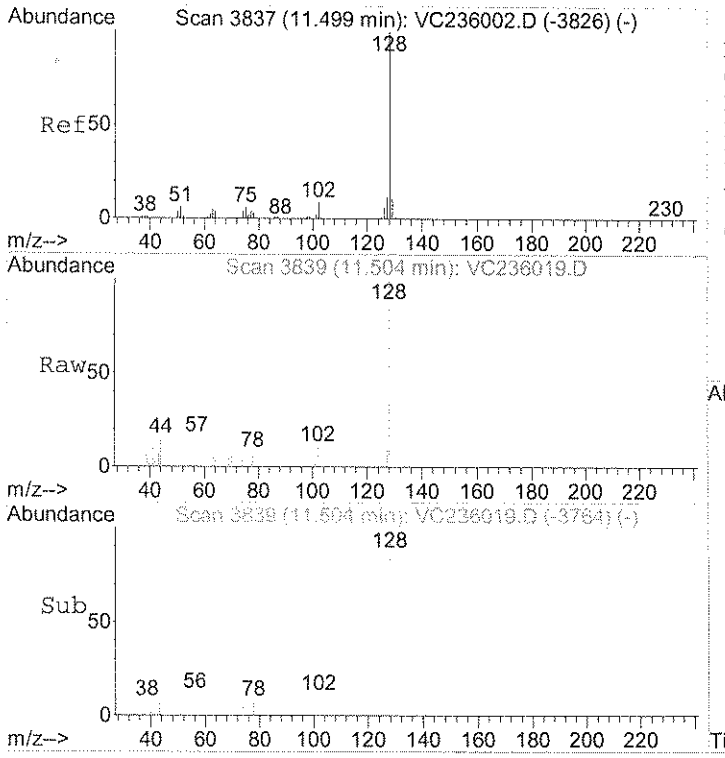


#97
1,2-DICHLOROBENZENE
Concen: 6.85 UG/L
RT: 9.69 min Scan# 3187
Delta R.T. -0.00 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

Tgt Ion:146 Resp: 66541

Ion	Ratio	Lower	Upper
146	100		
111	39.0	31.4	47.2
148	64.0	51.4	77.2

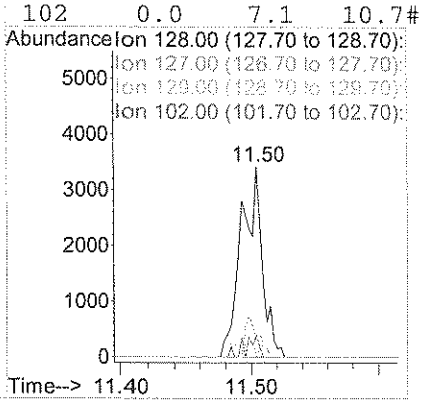




#102
NAPHTHALENE
Concen: 0.33 UG/L m
RT: 11.50 min Scan# 3839
Delta R.T. 0.01 min
Lab File: VC236019.D
Acq: 24 Aug 2011 10:54 pm

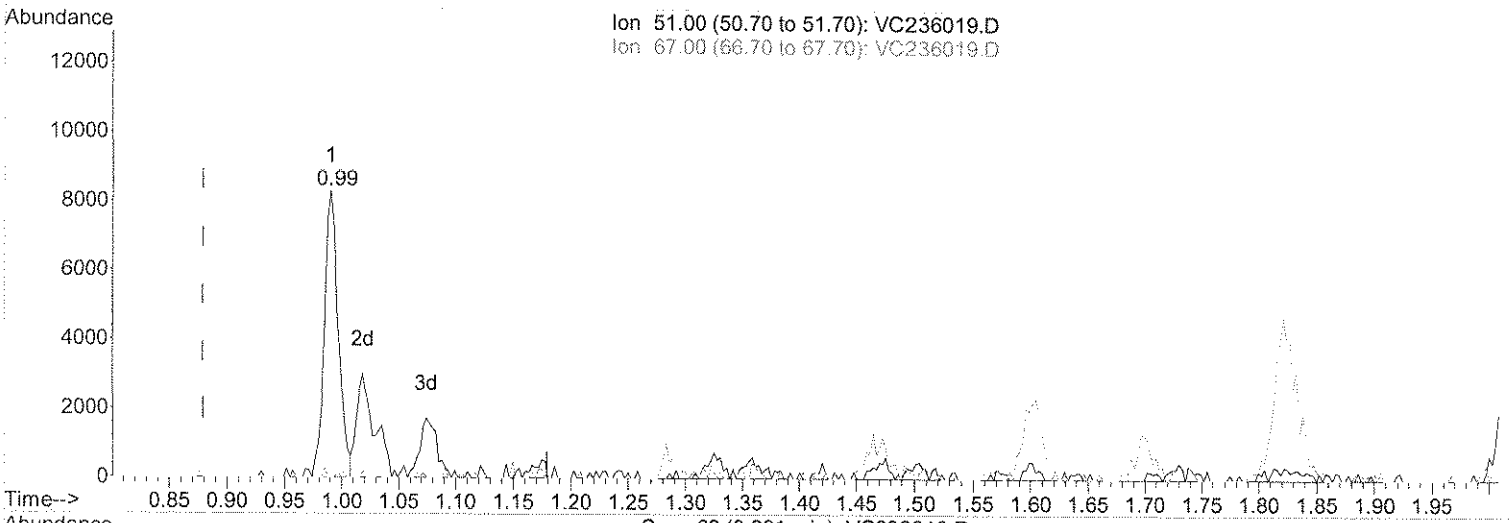
Tgt Ion:128 Resp: 3908

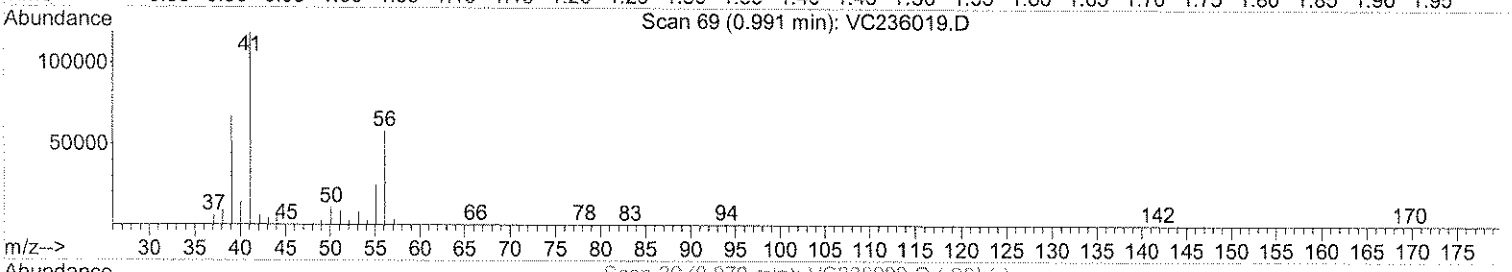
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.7	13.1#
102	0.0	7.1	10.7#

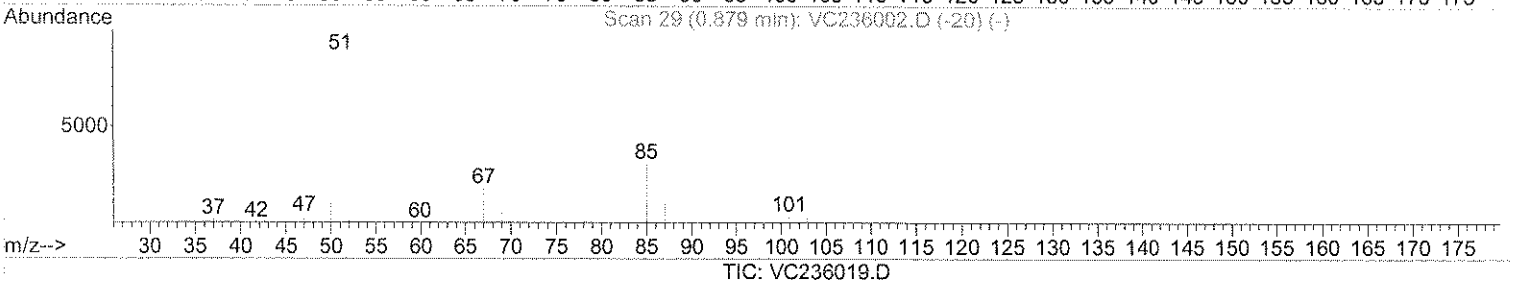


Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(4) DIFLUOROCHLOROMETHANE

0.991min (+0.111) 1.18UG/L

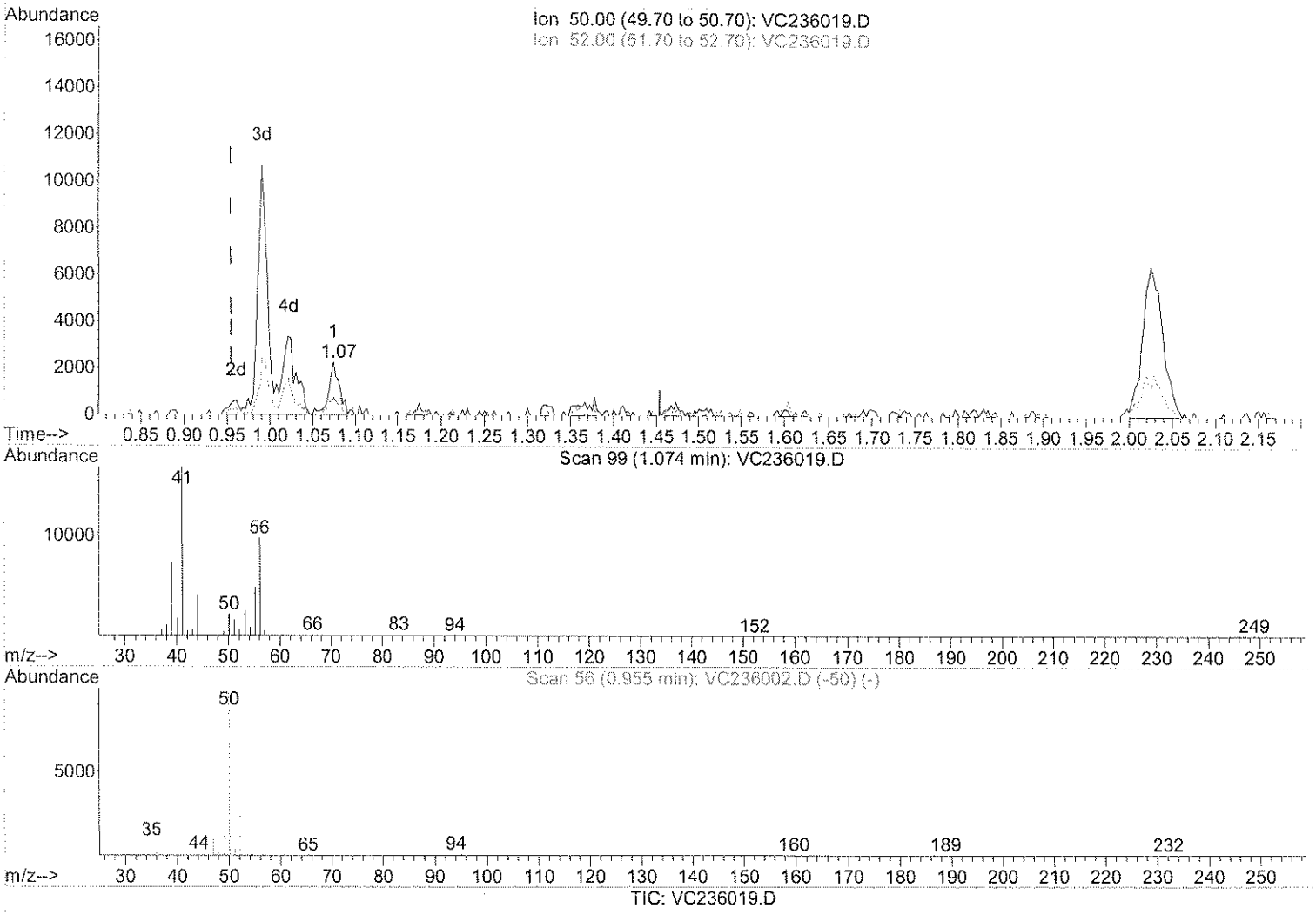
response 7108

Ion	Exp%	Act%
51.00	100	100
67.00	19.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



(5) CHLOROMETHANE (P)

1.074min (+0.120) 0.47UG/L

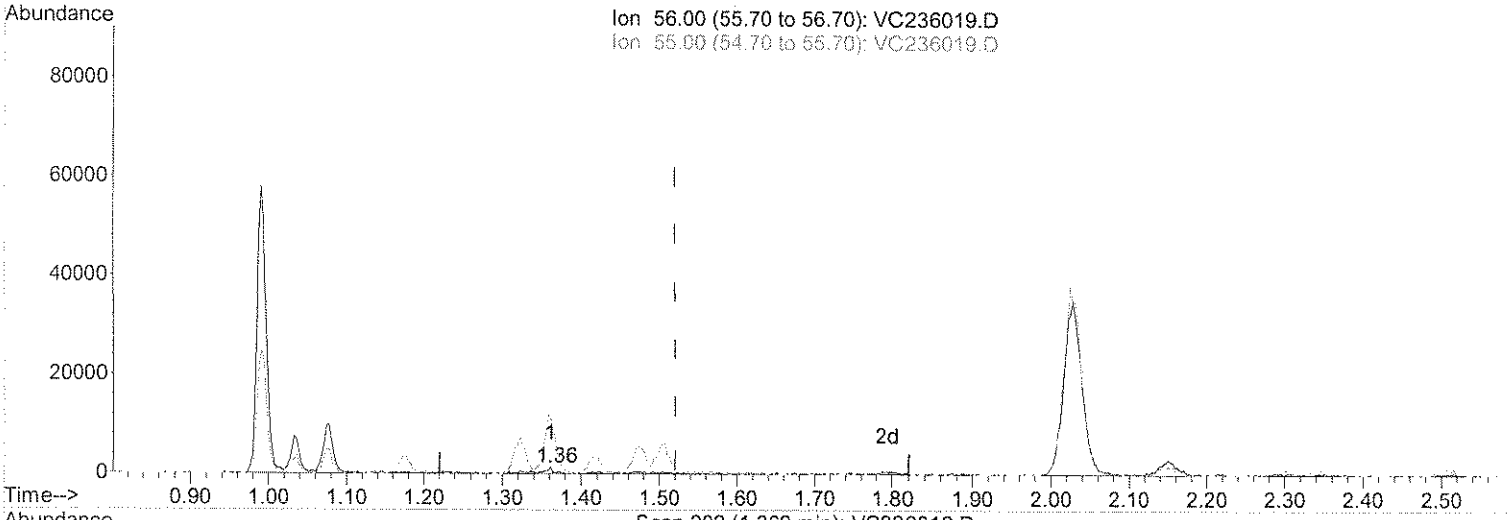
response 2074

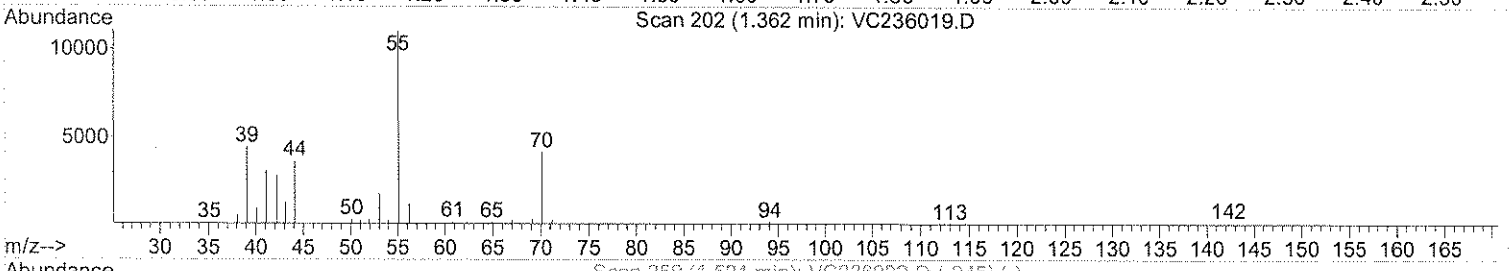
Ion	Exp%	Act%
50.00	100	100
52.00	32.60	34.62
0.00	0.00	0.00
0.00	0.00	0.00

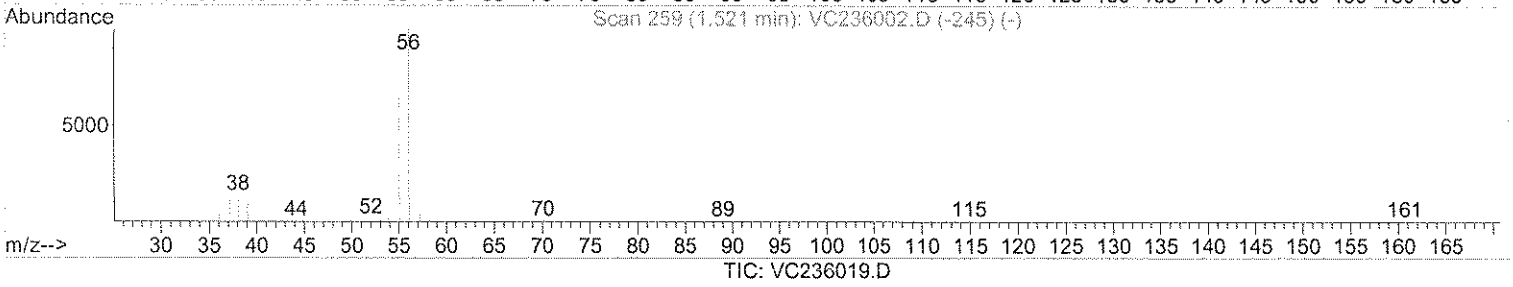
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(13) ACROLEIN

1.362min (-0.159) 2.65UG/L

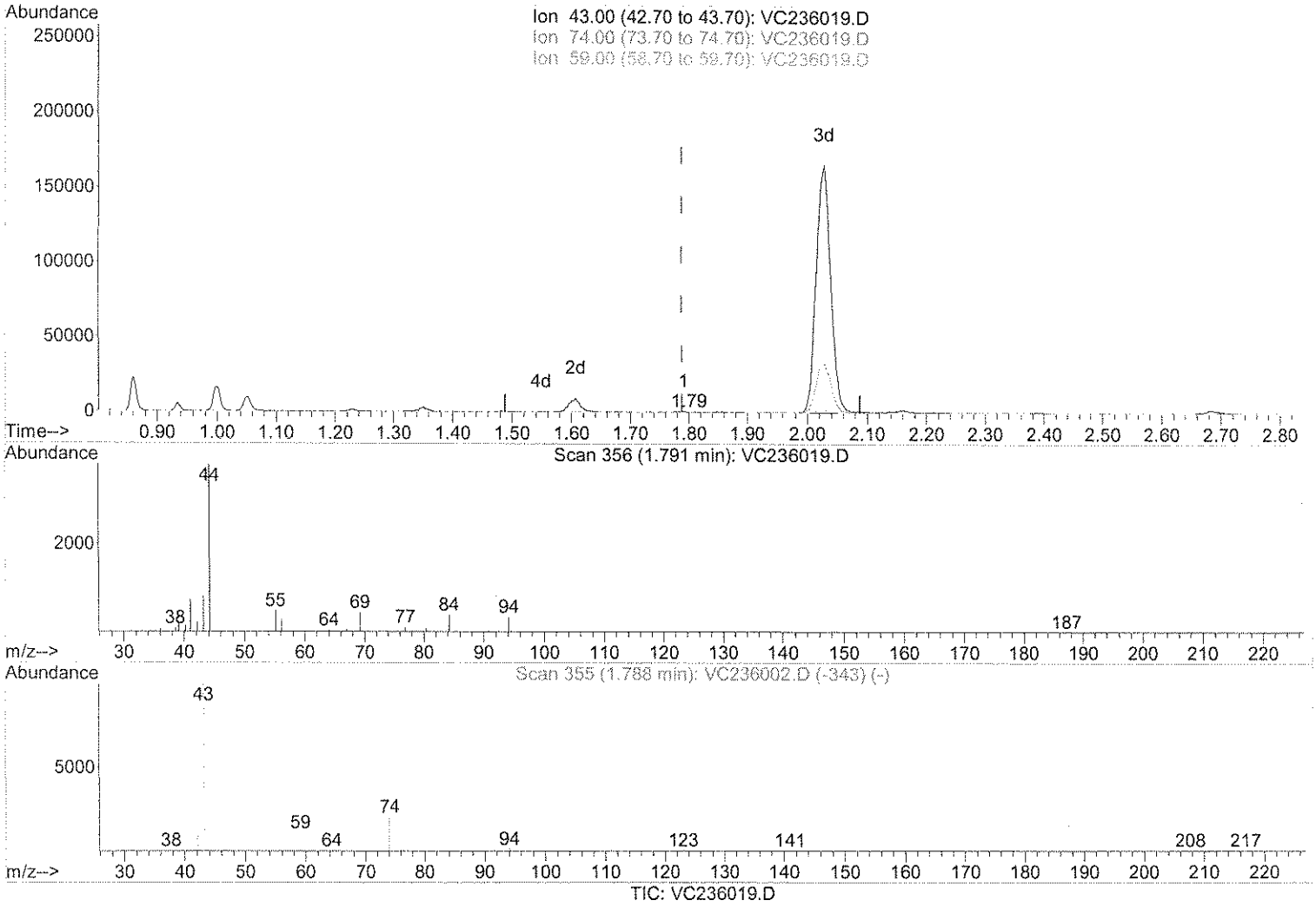
response 918

Ion	Exp%	Act%
56.00	100	100
55.00	75.70	1375.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236019.D

(20) METHYL ACETATE

1.791min (+0.003) 0.11UG/L

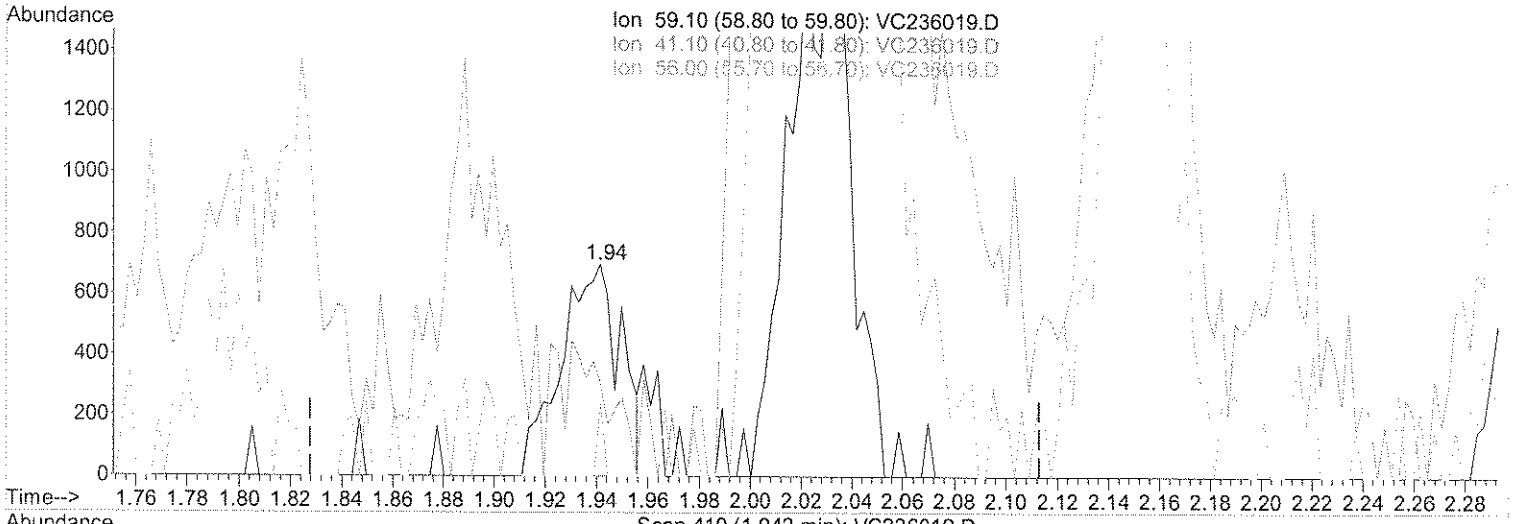
response 539

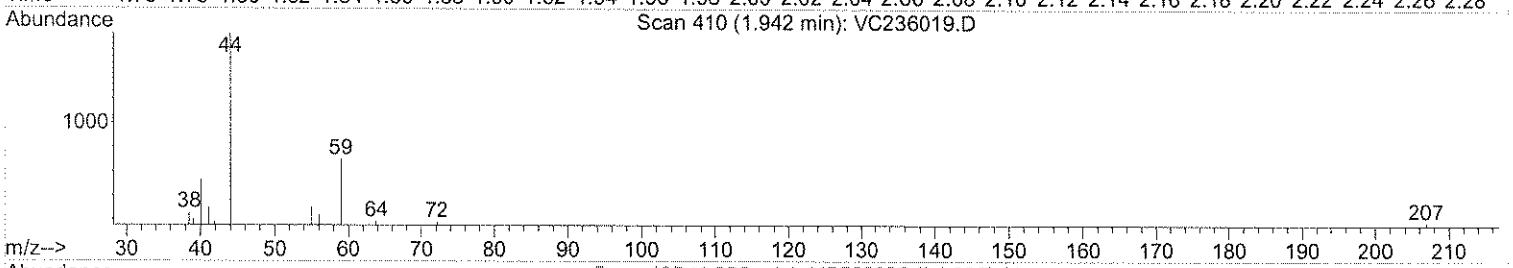
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

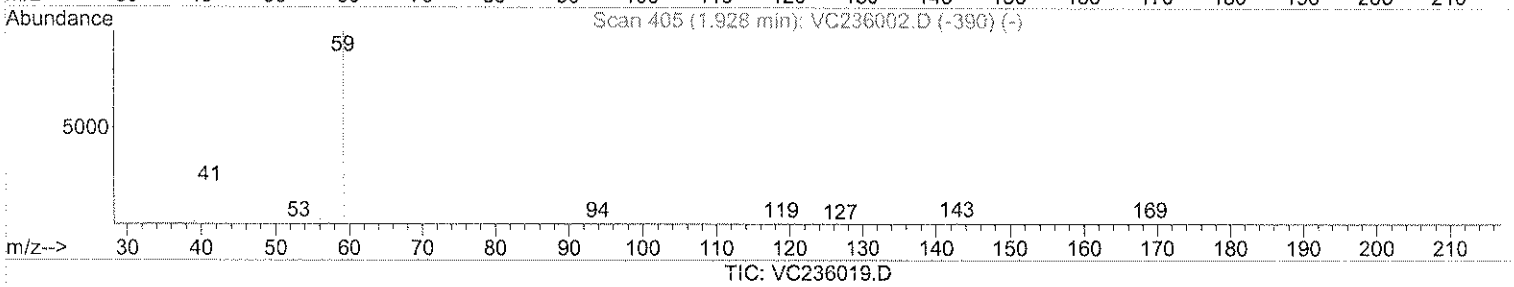
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







(21) T-BUTYL ALCOHOL

1.942min (+0.014) 3.53UG/L

response 1129

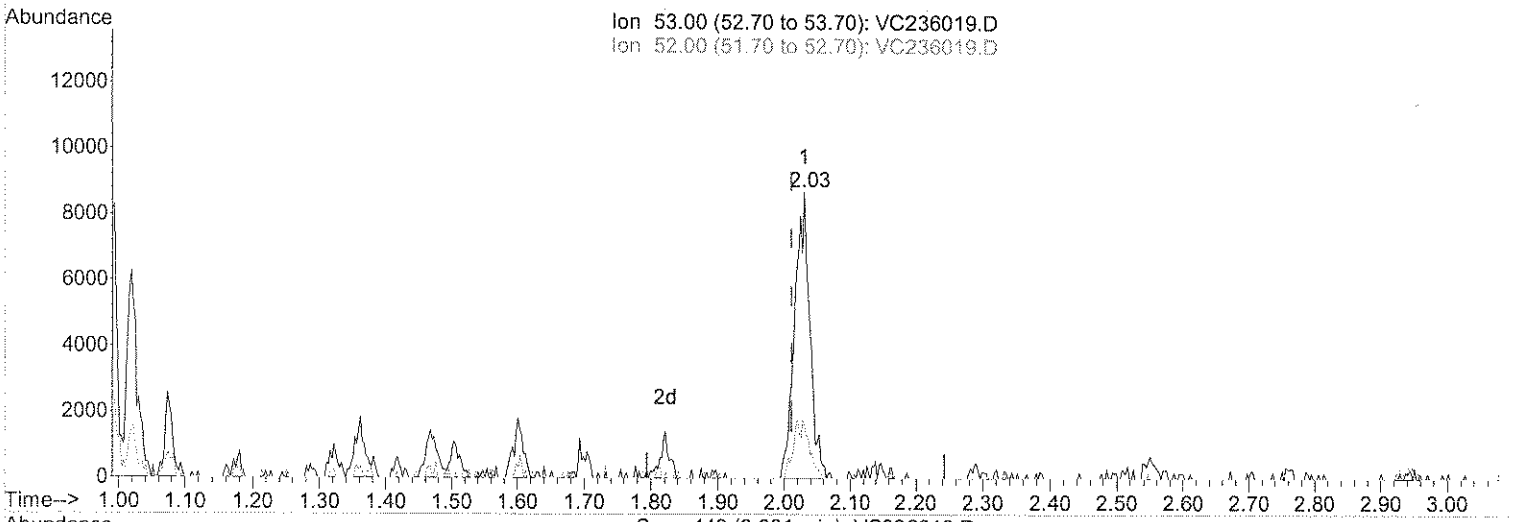
Ion	Exp%	Act%
59.10	100	100
41.10	18.90	97.79#
56.00	0.90	0.00#
0.00	0.00	0.00

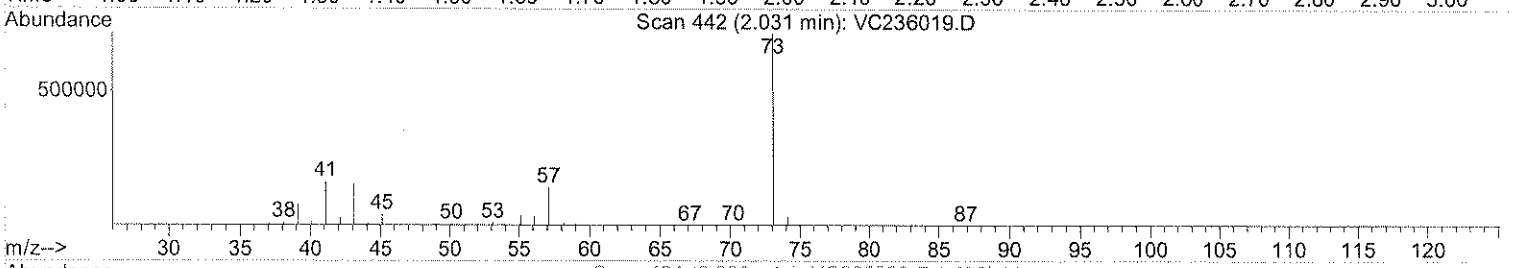
3

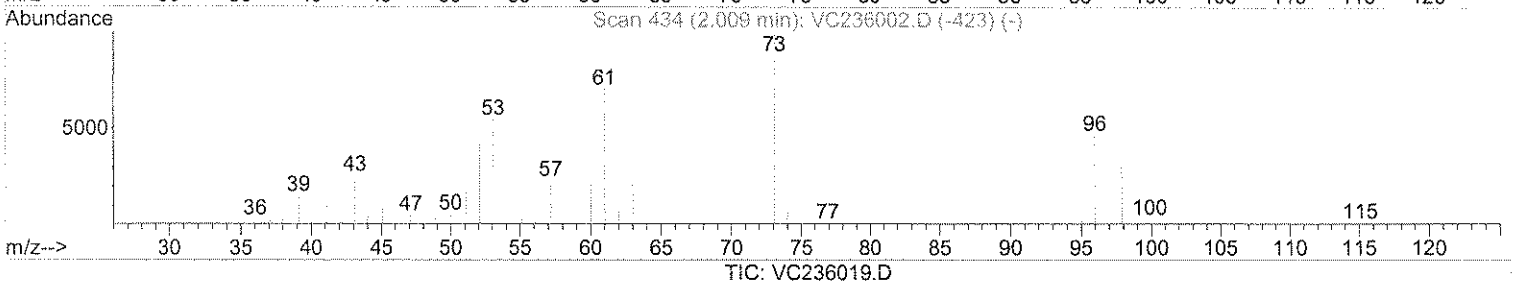
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(22) ACRYLONITRILE

2.031min (+0.019) 9.76UG/L

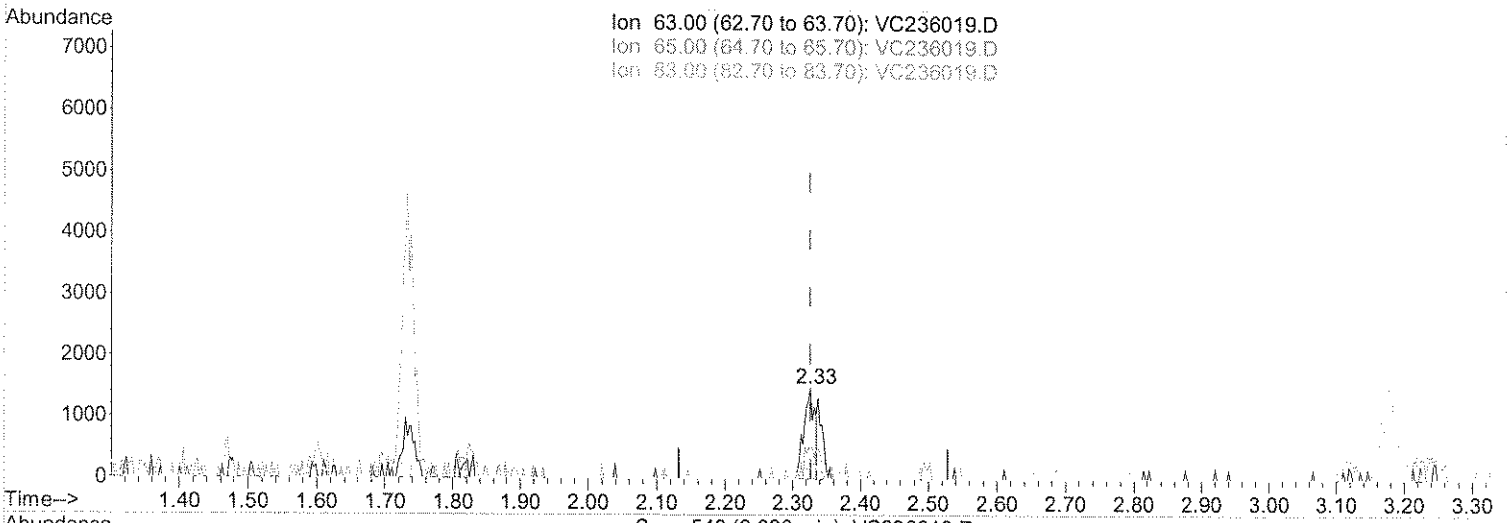
response 14027

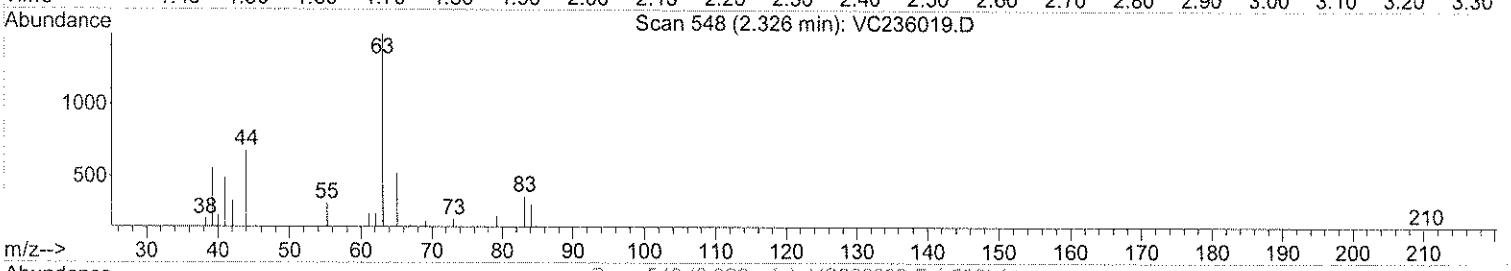
Ion	Exp%	Act%
53.00	100	100
52.00	80.80	10.64#
0.00	0.00	0.00
0.00	0.00	0.00

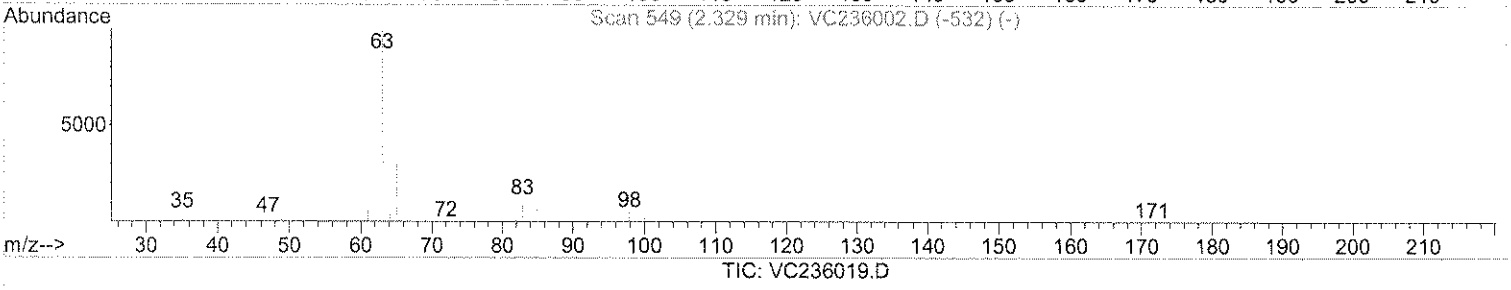
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(27) 1,1-DICHLOROETHANE (P)

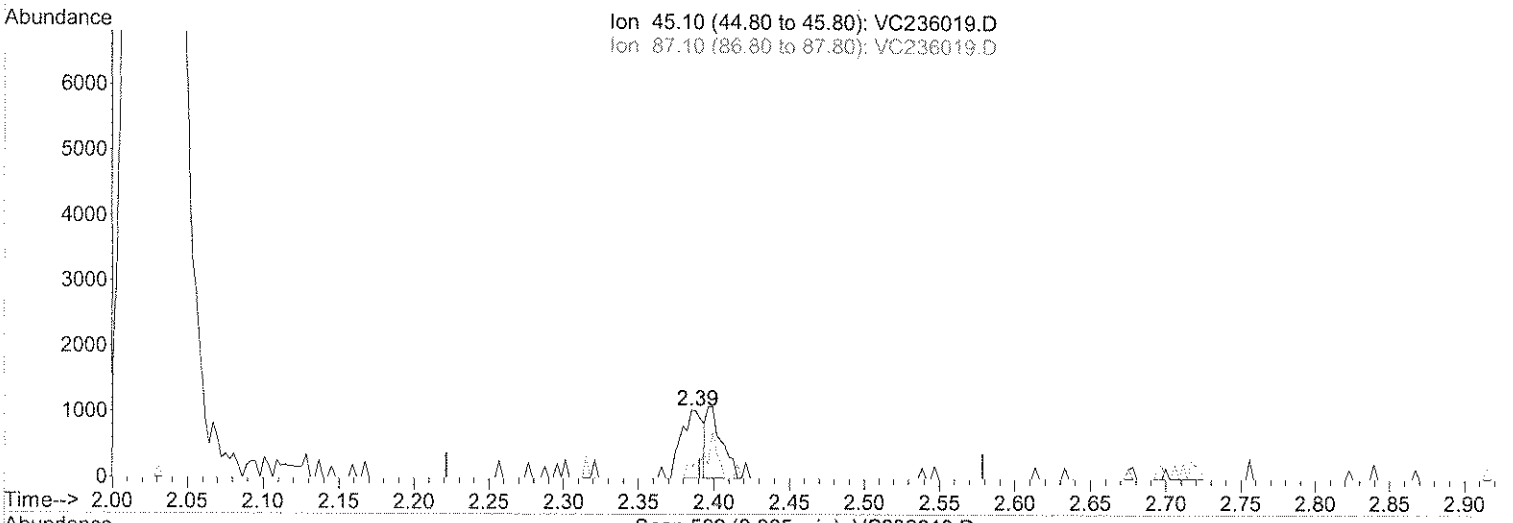
2.326min (-0.000) 0.22UG/L

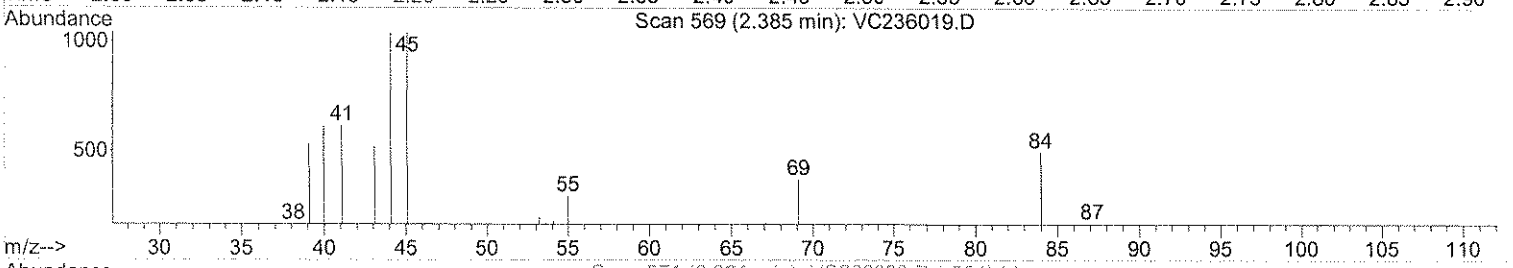
response 1646

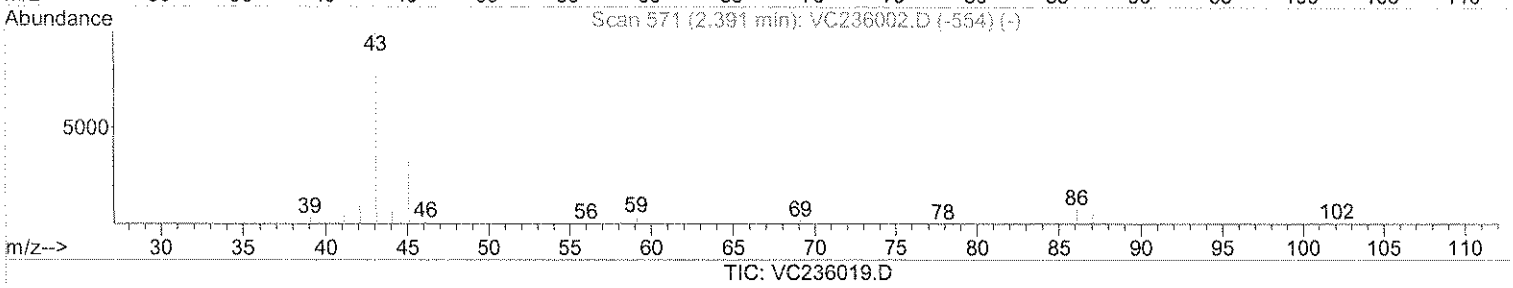
Ion	Exp%	Act%
63.00	100	100
65.00	31.50	31.11
83.00	14.10	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(29) DI ISOPROYL ETHER

2.385min (-0.006) 0.08UG/L

response 1052

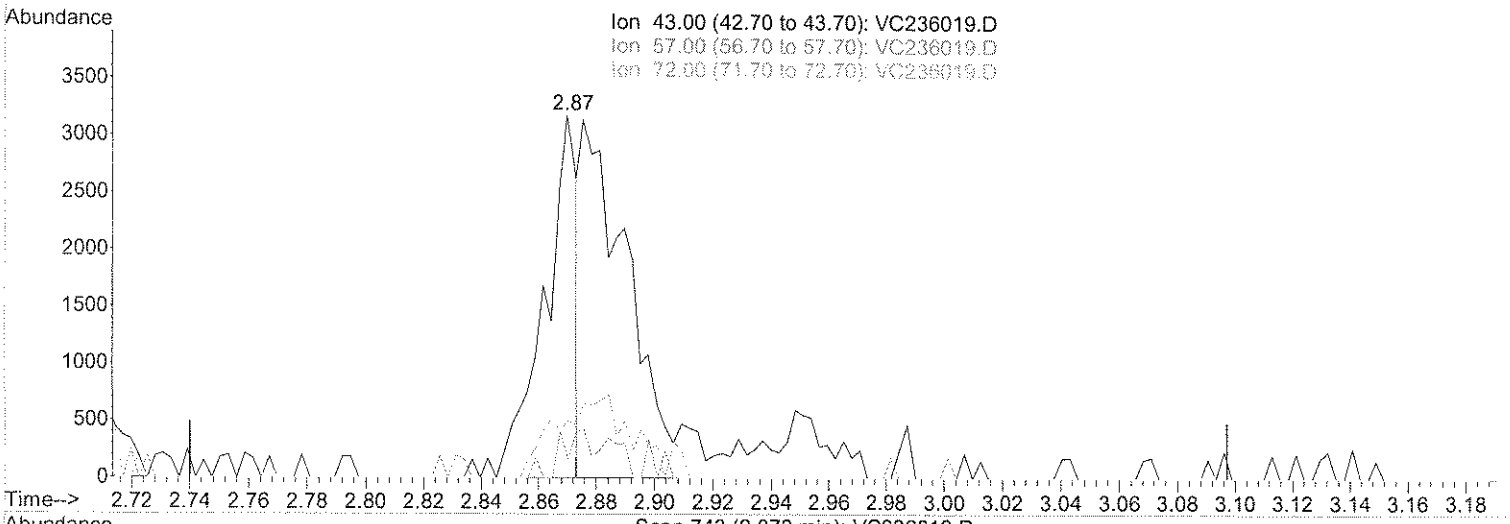
Ion	Exp%	Act%
45.10	100	100
87.10	25.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

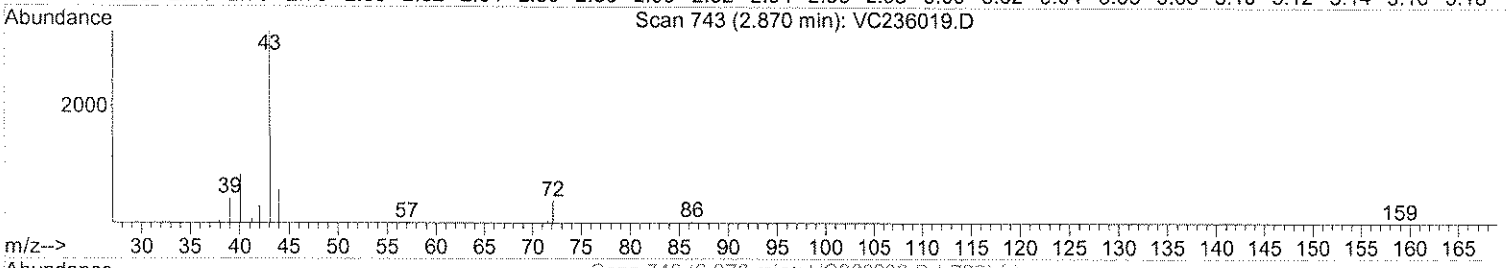
3

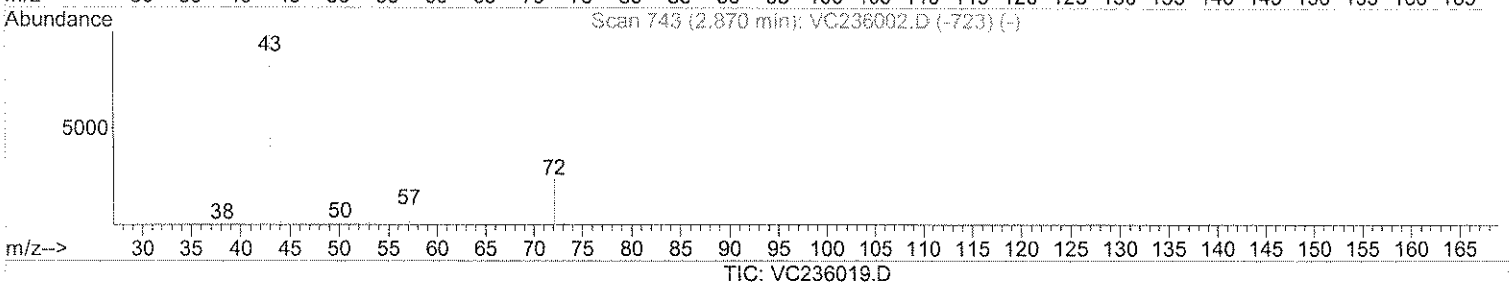
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(31) 2-BUTANONE

2.870min (-0.003) 1.54UG/L

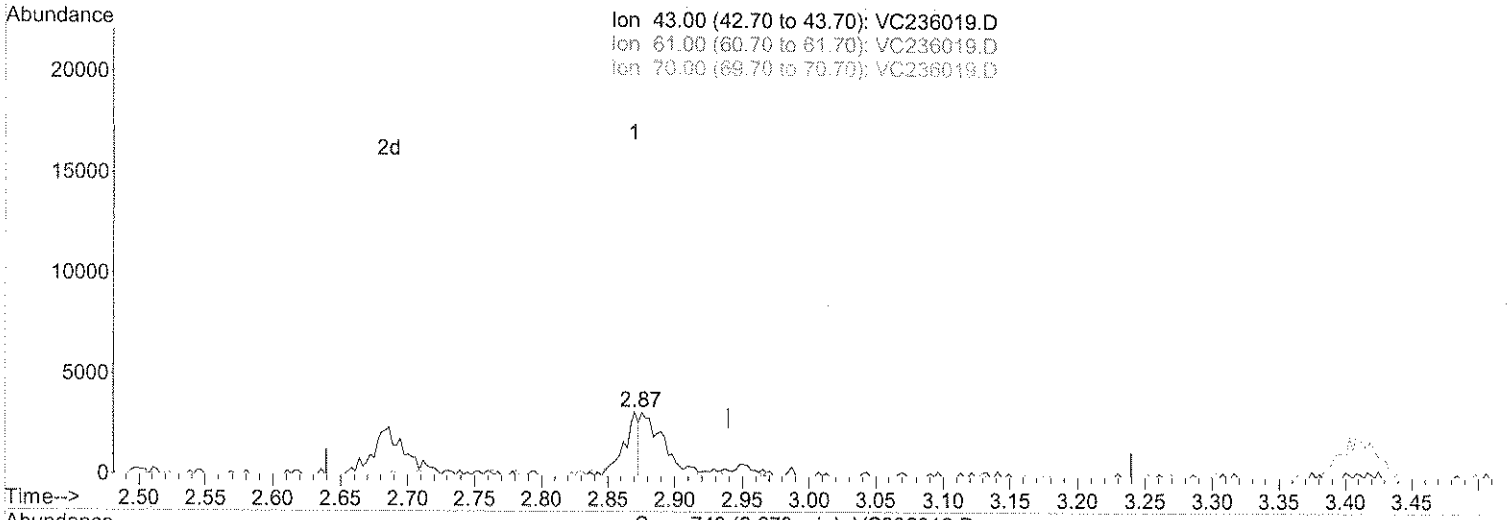
response 2473

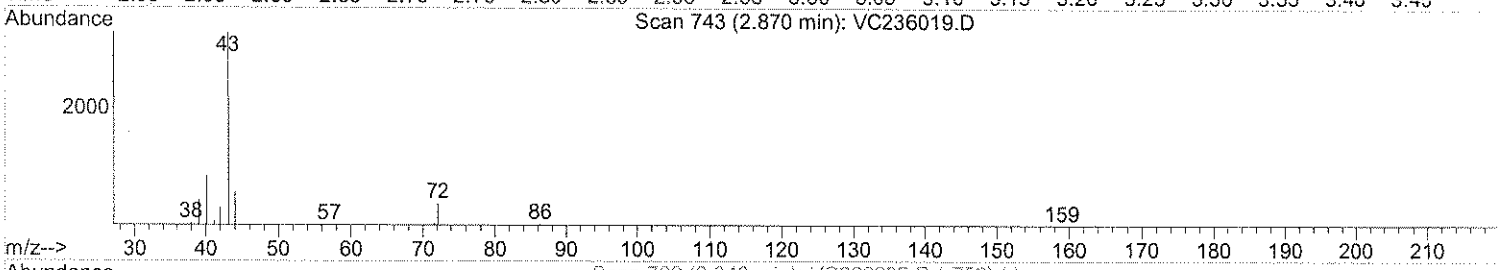
3

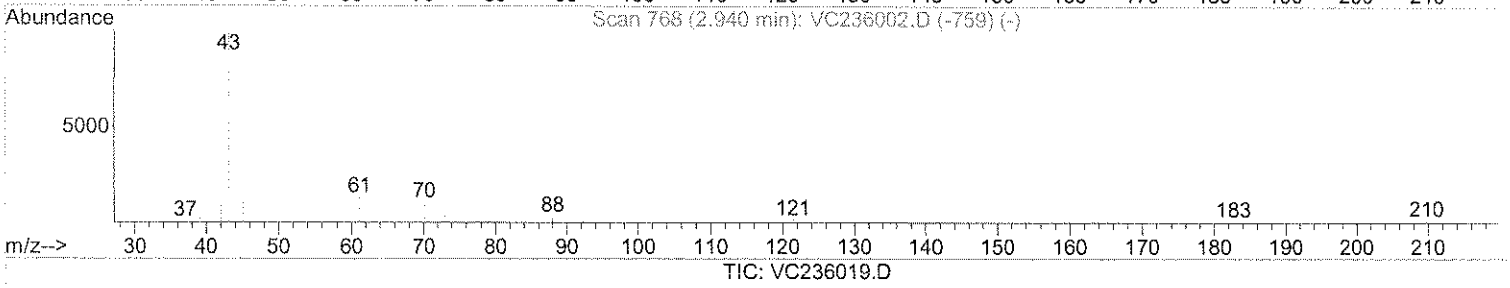
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00#
72.00	23.60	32.35#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(35) ETHYL ACETATE

2.870min (-0.070) 0.57UG/L

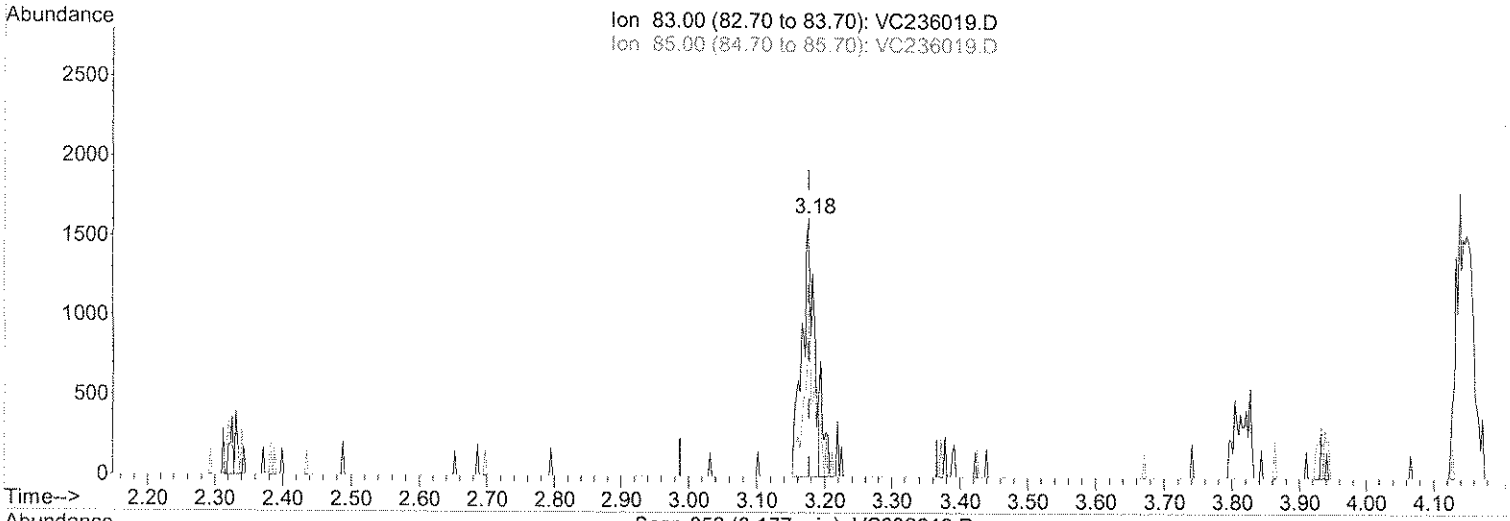
response 2473

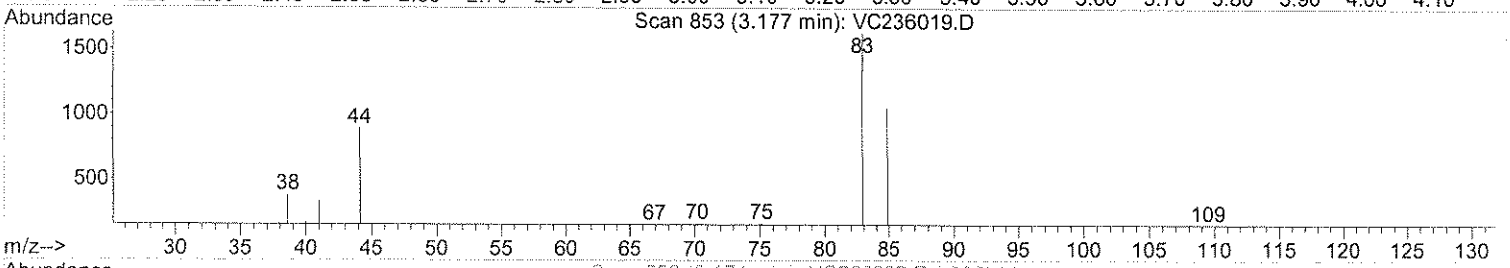
Ion	Exp%	Act%
43.00	100	100
61.00	13.30	0.00#
70.00	9.70	0.00#
0.00	0.00	0.00

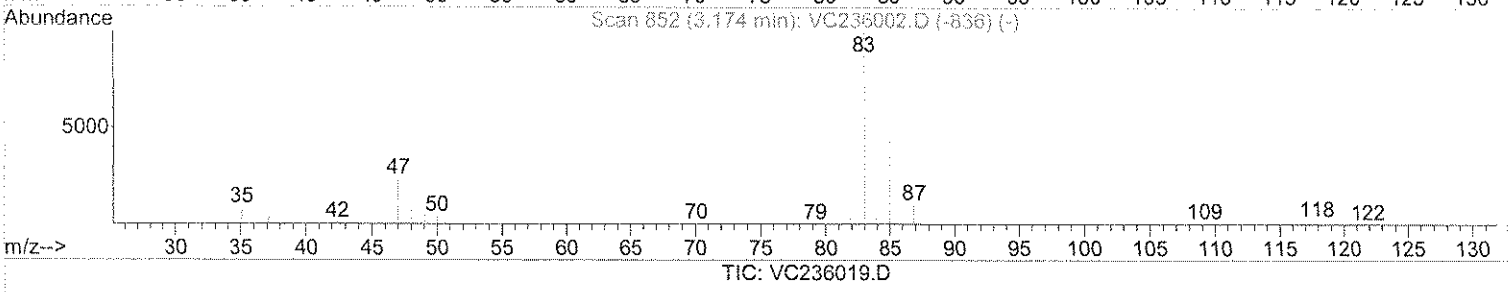
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(40) CHLOROFORM (C)

3.177min (-0.000) 0.23UG/L

response 1942

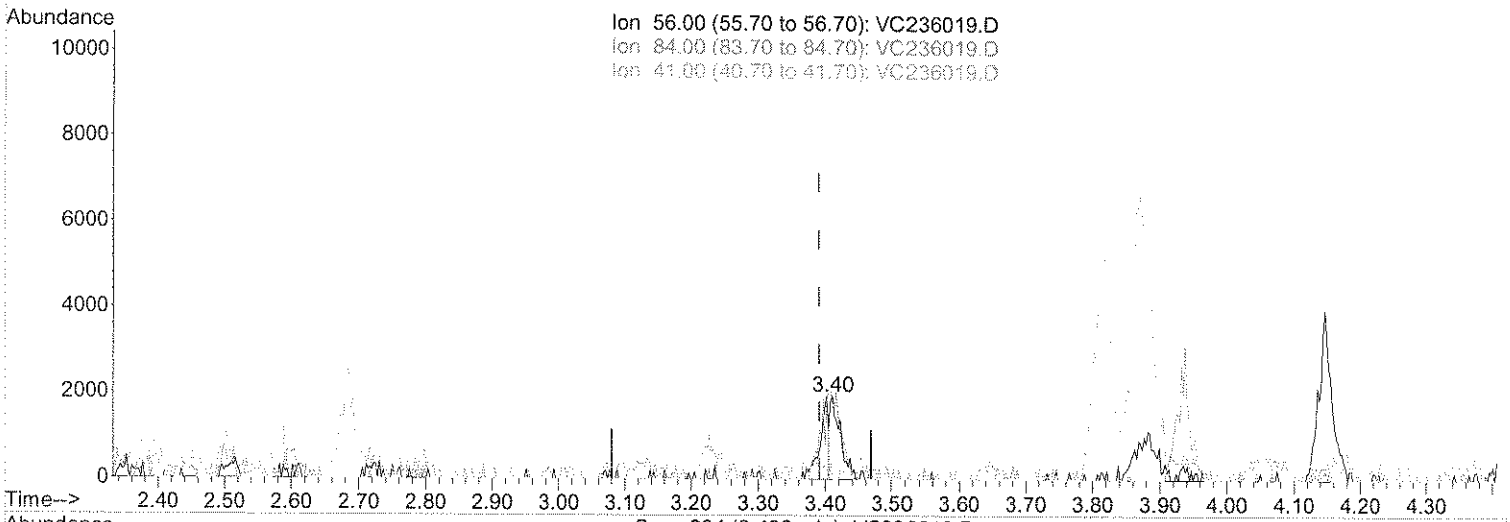
Ion	Exp%	Act%
83.00	100	100
85.00	63.00	41.92#
0.00	0.00	0.00
0.00	0.00	0.00

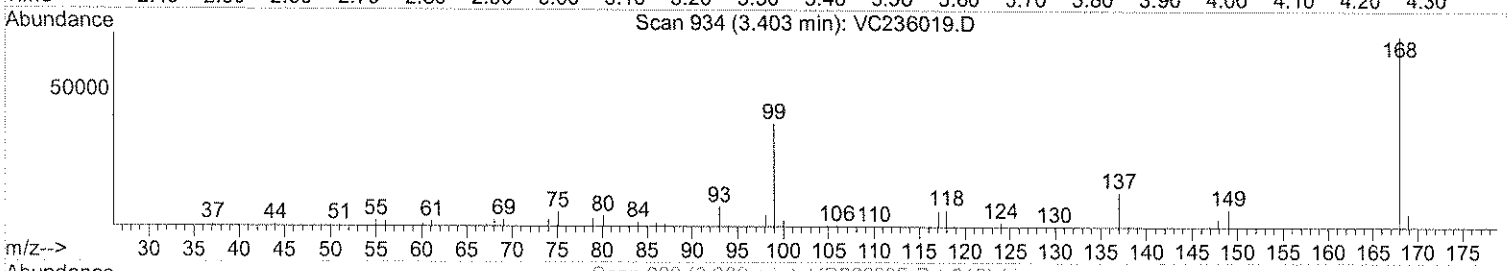
3

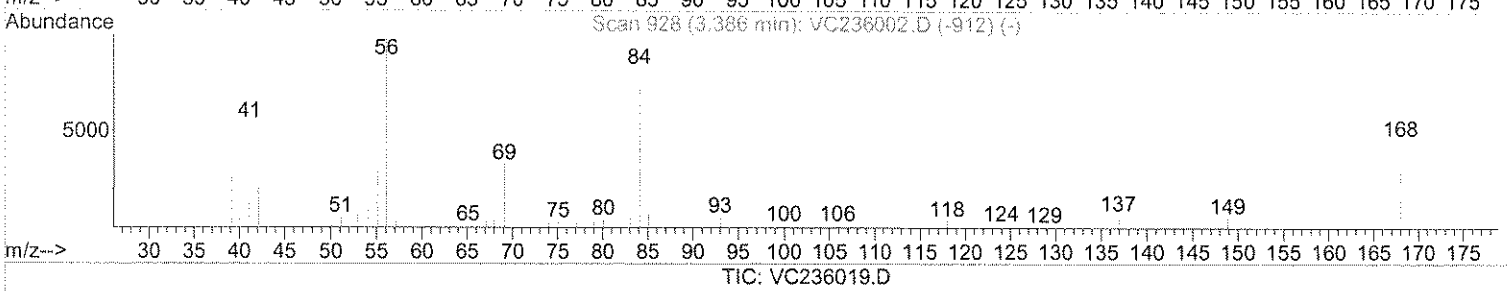
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







(42) CYCLOHEXANE

3.403min (+0.011) 0.29UG/L

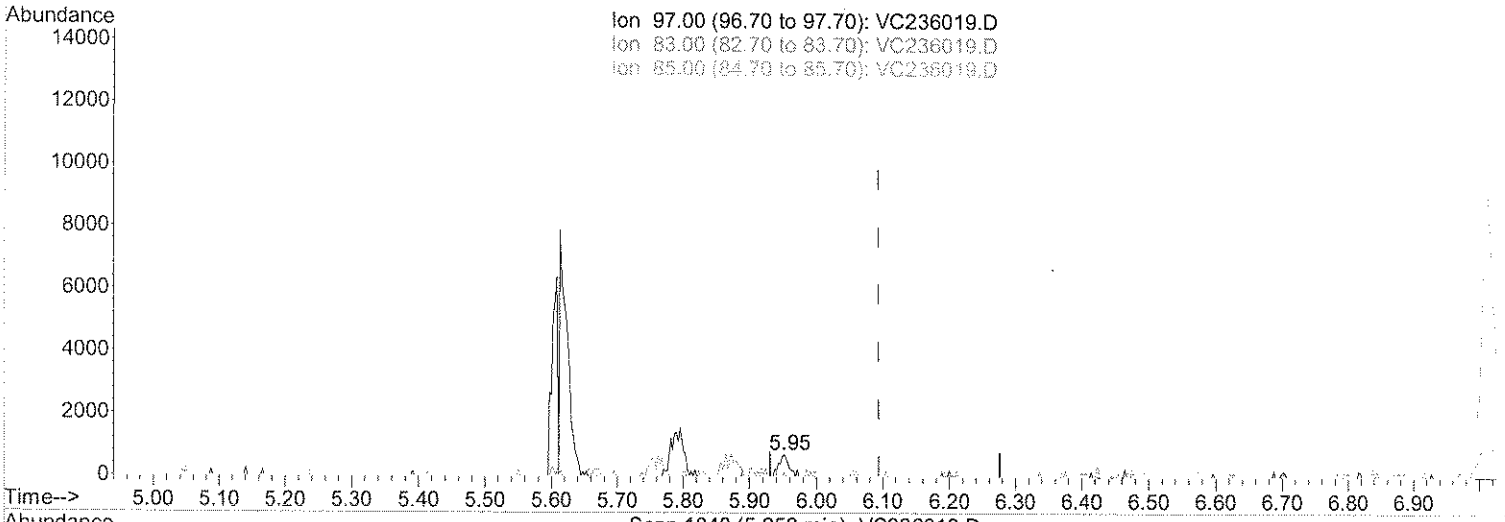
response 1769

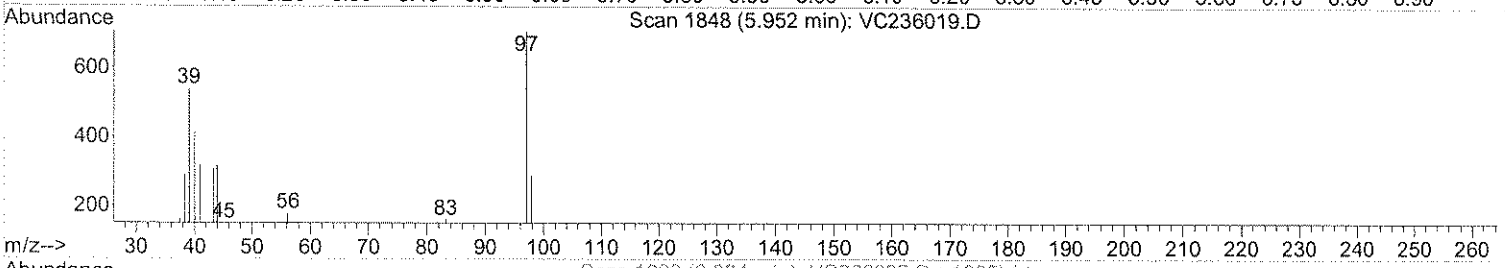
Ion	Exp%	Act%
56.00	100	100
84.00	92.50	228.38#
41.00	62.90	0.00#
0.00	0.00	0.00

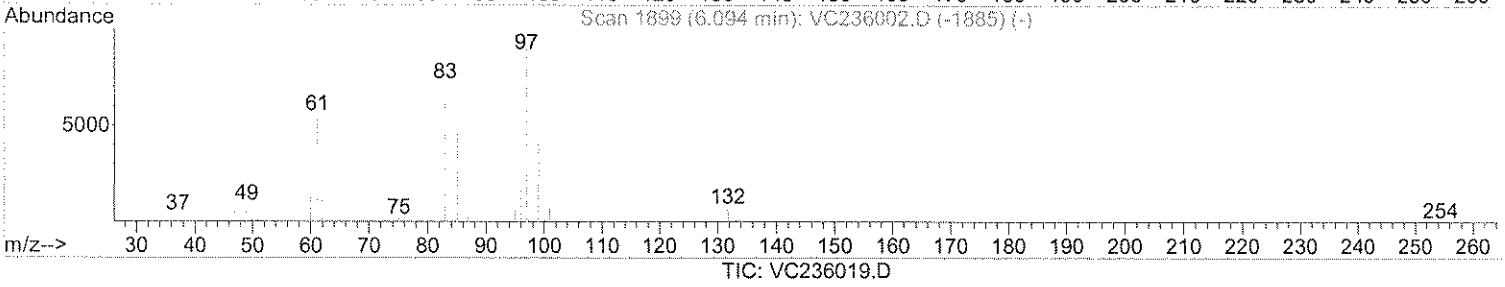
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(64) 1,1,2-TRICHLOROETHANE

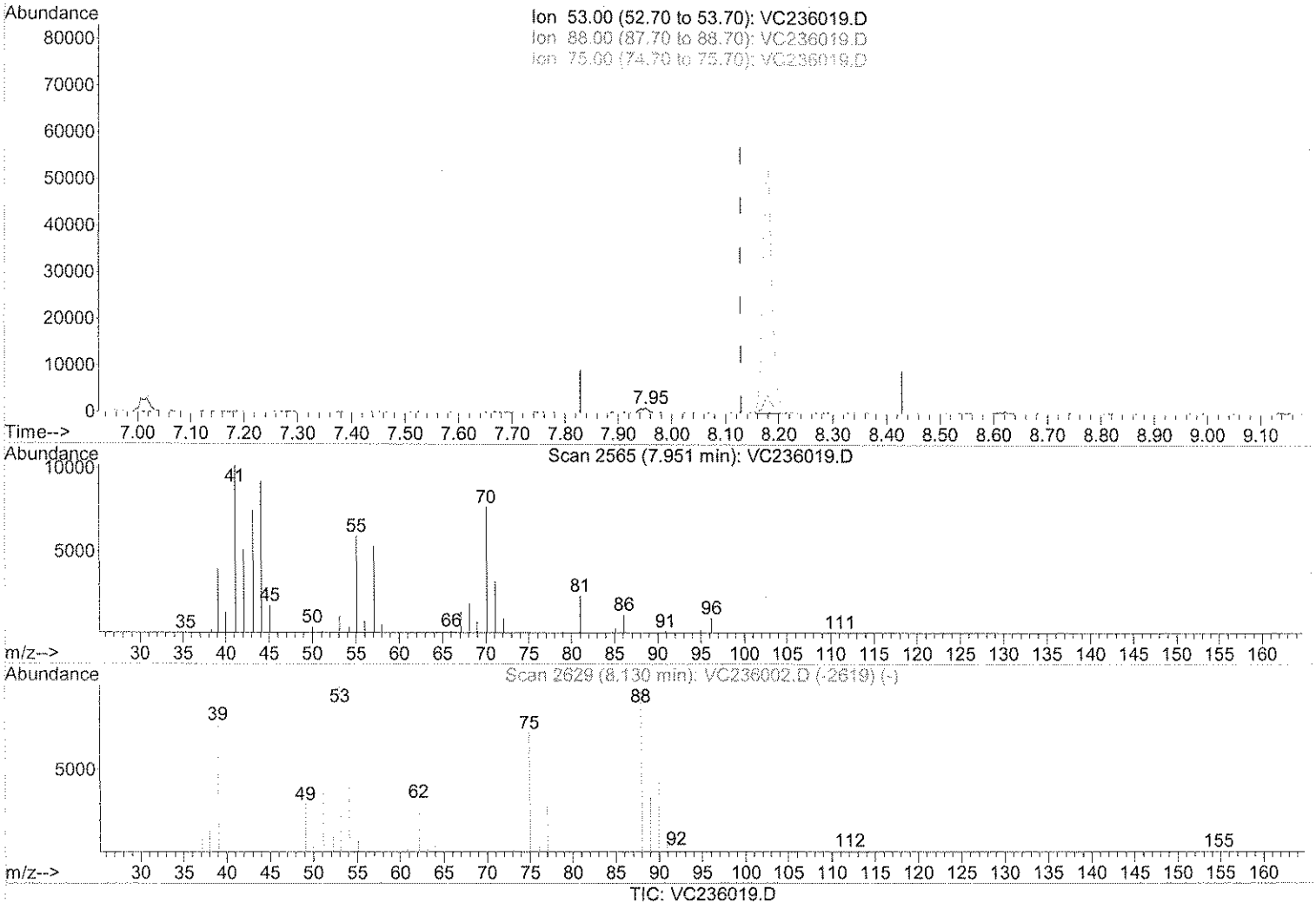
5.952min (-0.142) 0.17UG/L

response 646

Ion	Exp%	Act%
97.00	100	100
83.00	85.10	0.00#
85.00	53.70	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236019.D

(80) CIS-1,4-DICHLORO-2-BUTENE

7.951min (-0.178) 0.97UG/L

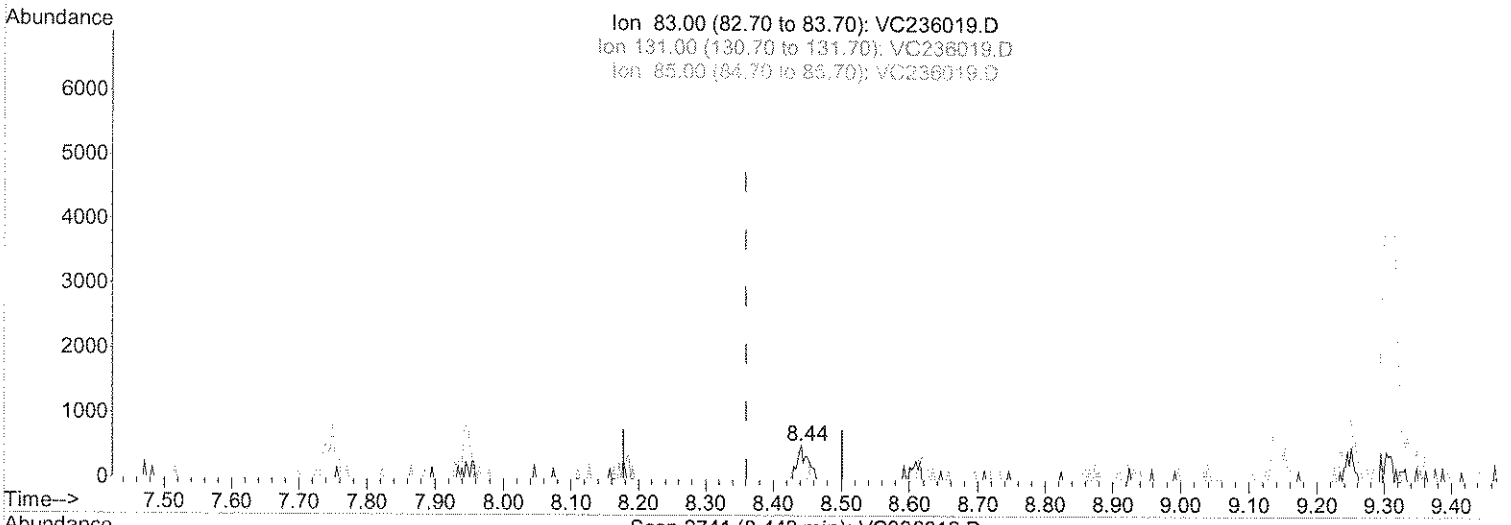
response 1263

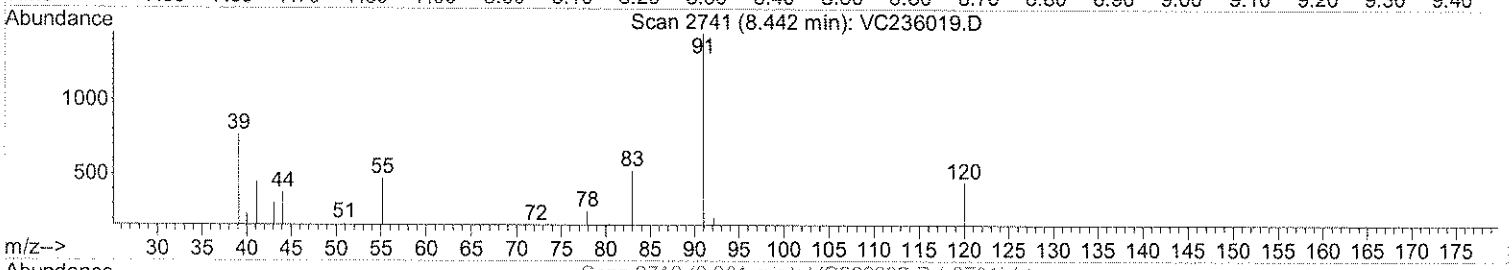
Ion	Exp%	Act%
53.00	100	100
88.00	127.40	0.00#
75.00	99.60	0.00#
0.00	0.00	0.00

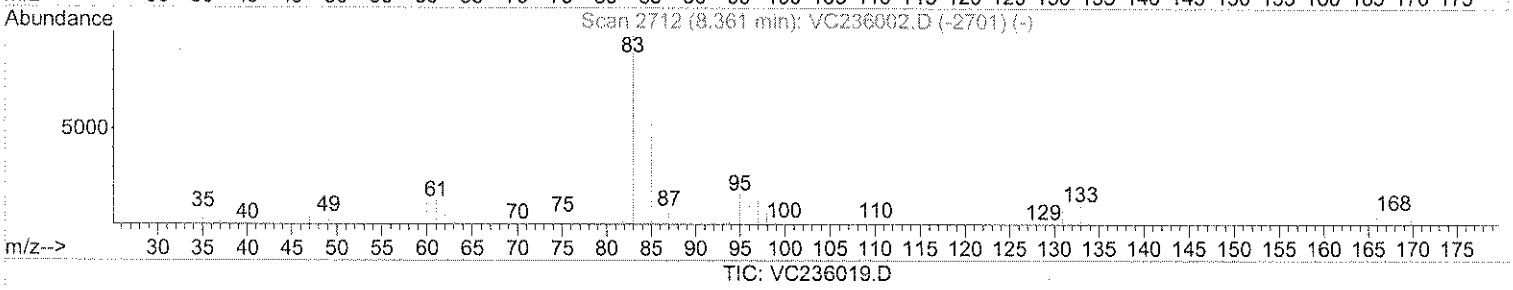
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(81) 1,1,2,2-TETRACHLOROETHANE (P)

8.442min (+0.081) 0.11UG/L

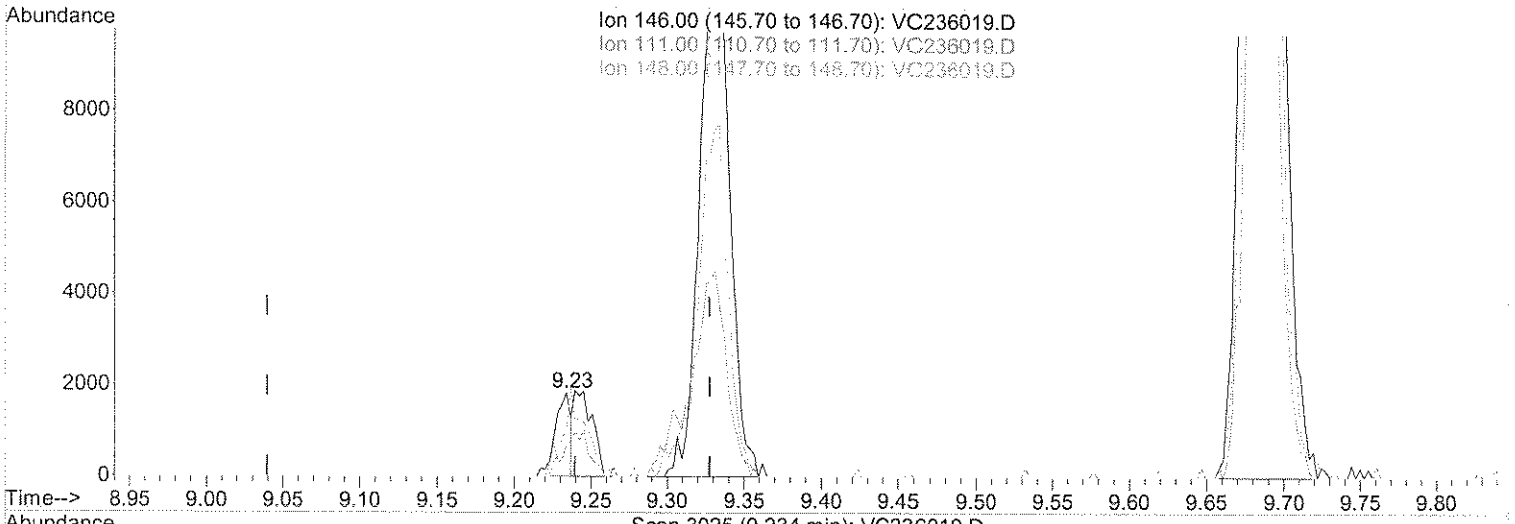
response 571

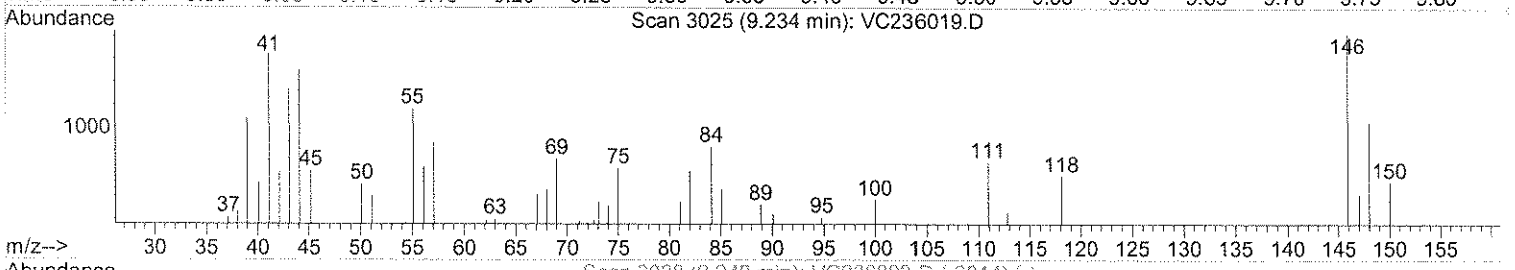
Ion	Exp%	Act%
83.00	100	100
131.00	9.90	0.00#
85.00	62.10	0.00#
0.00	0.00	0.00

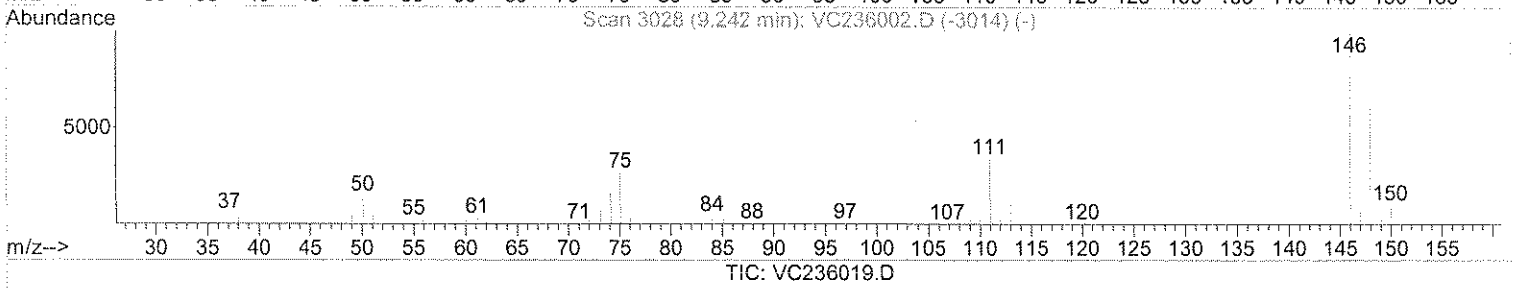
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236019.D
Acq On : 24 Aug 2011 10:54 pm
Operator :
Sample : 11H0909-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 25 07:35:01 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236019.D

(93) 1,3-DICHLOROBENZENE

9.234min (-0.006) 0.13UG/L

response 1285

Ion	Exp%	Act%
146.00	100	100
111.00	37.50	78.13#
148.00	63.90	143.81#
0.00	0.00	0.00

3

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VOLATILES CALIBRATION DATA

con-test® ANALYTICAL LABORATORY

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0909

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	~~0.170131~~	0.5	~~0.1792984~~	1	0.2104765	2	0.2015243	5	0.1974062	10	0.2154408
Ethyl Methacrylate	0.4	0.4918525	0.5	0.5305482	1	0.5337772	2	0.542514	5	0.5385336	10	0.5789172
Acetone	4	0.1764502	5	0.1495182	10	0.1607227	20	0.1707993	50	0.1582389	100	0.1623404
Acrolein	4	5.537356E-02	5	7.112311E-02	10	6.730318E-02	20	5.805187E-02	50	6.005369E-02	100	5.916615E-02
Acrylonitrile	0.4	~~0~~	0.5	~~0~~	1	0.2753862	2	0.2725126	5	0.2349363	10	0.2446124
tert-Amyl Methyl Ether (TAME)	0.4	1.587793	0.5	1.799953	1	1.893961	2	1.924147	5	1.975226	10	2.131347
Benzene	0.4	2.496053	0.5	2.58213	1	2.681233	2	2.703073	5	2.799932	10	2.928685
Bromobenzene	0.4	1.162369	0.5	1.330566	1	1.430228	2	1.419005	5	1.406641	10	1.460728
Bromochloromethane	0.4	0.5201647	0.5	0.5445086	1	0.6143231	2	0.6026464	5	0.6034627	10	0.6180582
Bromodichloromethane	0.4	0.5633286	0.5	0.5554706	1	0.6527613	2	0.6412994	5	0.6752839	10	0.7144731
Bromoform	0.4	~~0.3556934~~	0.5	~~0.3579599~~	1	0.4683061	2	0.4115405	5	0.4711194	10	0.4987749
Bromomethane	0.4	0.6455945	0.5	0.5669748	1	0.5105237	2	0.4706226	5	0.480701	10	0.4893459
2-Butanone (MEK)	4	0.2575	5	0.2787577	10	0.2742817	20	0.2809405	50	0.2840138	100	0.2890218
tert-Butyl Alcohol (TBA)	4	~~0~~	5	~~0~~	10	5.754362E-02	20	5.678212E-02	50	5.463046E-02	100	5.646136E-02
n-Butylbenzene	0.4	2.111241	0.5	1.813673	1	2.15394	2	2.062837	5	2.126836	10	2.319092
sec-Butylbenzene	0.4	2.633065	0.5	2.687691	1	2.804861	2	2.652466	5	2.797728	10	2.994435
tert-Butylbenzene	0.4	1.914307	0.5	1.875228	1	2.186654	2	1.948623	5	2.028562	10	2.168554
tert-Butyl Ethyl Ether (TBEE)	0.4	2.264745	0.5	2.302189	1	2.306284	2	2.380364	5	2.457013	10	2.581045
Carbon Disulfide	4	1.401198	5	1.509459	10	1.621102	20	1.637979	50	1.691701	100	1.773001
Carbon Tetrachloride	0.4	0.6463323	0.5	0.6639339	1	0.6482168	2	0.6905633	5	0.8206634	10	0.9049234
Chlorobenzene	0.4	1.853695	0.5	1.95413	1	2.089742	2	2.083178	5	2.081319	10	2.175788
Chlorodibromomethane	0.4	~~0.3319399~~	0.5	0.4045405	1	0.4348073	2	0.4284445	5	0.4757574	10	0.5092402
Chloroethane	0.4	~~0~~	0.5	~~0~~	1	0.3402987	2	0.3986704	5	0.3859302	10	0.3597704
2-Chloroethyl Vinyl Ether	4	0.1951419	5	0.2047226	10	0.2167332	20	0.2289253	50	0.2340089	100	0.2467052
Chloroform	0.4	1.37198	0.5	1.282049	1	1.438061	2	1.428426	5	1.467892	10	1.524178
Chloromethane	0.4	0.7060959	0.5	0.7833593	1	0.7741076	2	0.7428382	5	0.7291501	10	0.7738789

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0909

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	2.110242	0.5	2.497757	1	2.38872	2	2.542761	5	2.46232	10	2.566209
4-Chlorotoluene	0.4	2.664614	0.5	2.737247	1	2.772444	2	2.769603	5	2.897059	10	2.956912
Cyclohexane	0.4	~~0~~	0.5	~~2.073094~~	1	~~1.577116~~	2	~~1.209748~~	5	1.114447	10	1.065348
1,2-Dibromo-3-chloropropane (D	0.4	~~0~~	0.5	~~0~~	1	~~0.1056333~~	2	0.1103306	5	0.1236821	10	0.1320472
1,2-Dibromoethane (EDB)	0.4	0.4189227	0.5	0.4456127	1	0.4909469	2	0.4664839	5	0.4646188	10	0.4829062
Dibromomethane	0.4	0.2640982	0.5	0.3441286	1	0.3336358	2	0.3442107	5	0.3457734	10	0.3456904
1,2-Dichlorobenzene	0.4	1.460749	0.5	1.533323	1	1.513873	2	1.520175	5	1.569171	10	1.682912
1,3-Dichlorobenzene	0.4	1.460034	0.5	1.500066	1	1.595658	2	1.628635	5	1.615344	10	1.692038
1,4-Dichlorobenzene	0.4	1.554749	0.5	1.546742	1	1.704349	2	1.639711	5	1.674747	10	1.770453
trans-1,4-Dichloro-2-butene	0.4	~~0.1994506~~	0.5	~~0.1697443~~	1	~~0.194801~~	2	~~0.1941333~~	5	0.1988187	10	0.2285941
Dichlorodifluoromethane (Freon	0.4	0.9783523	0.5	1.008021	1	1.007732	2	1.013569	5	1.049567	10	1.070103
1,1-Dichloroethane	0.4	1.262045	0.5	1.238003	1	1.33184	2	1.26529	5	1.277476	10	1.367388
1,2-Dichloroethane	0.4	0.6968315	0.5	0.8054922	1	0.7908589	2	0.7930178	5	0.7989171	10	0.8414658
1,1-Dichloroethylene	0.4	0.8824354	0.5	0.9214079	1	0.9782263	2	0.946146	5	0.9532581	10	0.981539
cis-1,2-Dichloroethylene	0.4	1.113374	0.5	1.141931	1	1.227436	2	1.178487	5	1.226983	10	1.280792
trans-1,2-Dichloroethylene	0.4	0.8595629	0.5	0.9222947	1	0.9514443	2	0.9693875	5	0.9954857	10	1.061486
Dichlorofluoromethane (Freon 2	0.4	1.213718	0.5	1.163215	1	1.291289	2	1.23997	5	1.181347	10	1.232618
1,2-Dichloropropane	0.4	0.4041429	0.5	0.4274691	1	0.4776375	2	0.4494419	5	0.4608201	10	0.4808069
1,3-Dichloropropane	0.4	0.6389237	0.5	0.6908492	1	0.6694731	2	0.7109326	5	0.7020127	10	0.7284749
2,2-Dichloropropane	0.4	0.904939	0.5	0.9098792	1	0.9282937	2	0.9059002	5	0.8905501	10	0.9668035
1,1-Dichloropropene	0.4	1.089026	0.5	0.9459433	1	1.053731	2	1.019361	5	1.048723	10	1.053732
cis-1,3-Dichloropropene	0.4	0.5999147	0.5	0.6479826	1	0.6164356	2	0.7115186	5	0.7016171	10	0.7700507
trans-1,3-Dichloropropene	0.4	0.5233505	0.5	0.5245668	1	0.5308752	2	0.5600444	5	0.5948402	10	0.6302279
Diethyl Ether	0.4	0.3615329	0.5	0.4091205	1	0.467854	2	0.3922845	5	0.4114175	10	0.4187276
Difluorochloromethane (Freon 2	0.4	1.00971	0.5	1.017185	1	1.093979	2	1.073863	5	1.069324	10	1.114204
Diisopropyl Ether (DIPE)	0.4	2.069591	0.5	2.188972	1	2.249391	2	2.271656	5	2.283307	10	2.499886

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0909

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4	~~0~~	5	~~0~~	10	~~0~~	20	3.633037E-03	50	2.619465E-03	100	3.753344E-03
Ethyl Acetate	0.4	~~1.281966~~	0.5	~~1.068029~~	1	0.9612795	2	0.8222158	5	0.7396467	10	0.7461798
Ethylbenzene	0.4	3.284184	0.5	3.443294	1	3.778126	2	3.508159	5	3.643493	10	3.801502
Hexachlorobutadiene	0.4	0.4095958	0.5	0.475225	1	0.4852098	2	0.4511759	5	0.4238194	10	0.4447874
2-Hexanone (MBK)	4	0.2509175	5	0.2483668	10	0.2653075	20	0.2756176	50	0.2809278	100	0.2891003
Iodomethane	4	0.6624168	5	0.7510494	10	0.8105282	20	0.8556673	50	0.9186344	100	0.9723615
Isopropylbenzene (Cumene)	0.4	2.723254	0.5	2.616865	1	2.914993	2	2.795236	5	2.840998	10	2.926461
p-Isopropyltoluene (p-Cymene)	0.4	2.000086	0.5	2.150327	1	2.272415	2	2.283283	5	2.301072	10	2.472064
Methyl Acetate	0.4	~~0~~	0.5	0.9562895	1	0.8891041	2	0.8965442	5	0.8293502	10	0.9061653
Methyl tert-Butyl Ether (MTBE)	0.4	1.898048	0.5	2.022545	1	1.955696	2	2.081194	5	2.172037	10	2.287819
Methyl Cyclohexane	0.4	0.6452233	0.5	0.6104993	1	0.6082298	2	0.6410553	5	0.6465964	10	0.6358423
Methylene Chloride	0.4	~~1.927561~~	0.5	~~1.953373~~	1	~~1.378898~~	2	1.002579	5	0.8977891	10	0.8709394
4-Methyl-2-pentanone (MIBK)	4	0.3464774	5	0.3743744	10	0.3843716	20	0.3970412	50	0.4048221	100	0.4133414
Naphthalene	0.4	~~1.394627~~	0.5	~~1.329405~~	1	1.567683	2	1.572463	5	1.769107	10	2.002389
n-Propylbenzene	0.4	3.766029	0.5	3.533739	1	3.681134	2	3.668246	5	3.789515	10	4.006027
Styrene	0.4	1.830162	0.5	2.026741	1	2.313772	2	2.198998	5	2.225489	10	2.346405
1,1,1,2-Tetrachloroethane	0.4	0.5474284	0.5	0.598086	1	0.6707815	2	0.6554455	5	0.6989731	10	0.747091
1,1,2,2-Tetrachloroethane	0.4	0.8240359	0.5	0.8095498	1	0.8690115	2	0.8778064	5	0.8569545	10	0.9187086
Tetrachloroethylene	0.4	0.5015442	0.5	0.5355327	1	0.575907	2	0.5521826	5	0.5407099	10	0.5551708
Tetrahydrofuran	0.4	~~0~~	0.5	~~0~~	1	~~0~~	2	0.1974417	5	0.1721378	10	0.1796429
Toluene	0.4	1.869766	0.5	1.871972	1	1.950278	2	1.898311	5	1.976549	10	2.047164
1,2,3-Trichlorobenzene	0.4	~~0.5940212~~	0.5	0.6091282	1	0.8170909	2	0.7823835	5	0.8229024	10	0.9180827
1,2,4-Trichlorobenzene	0.4	0.7459219	0.5	0.7748297	1	0.8392571	2	0.858119	5	0.9947723	10	1.038777
1,3,5-Trichlorobenzene	0.4	0.886028	0.5	1.044095	1	1.024077	2	1.097193	5	1.06317	10	1.159516
1,1,1-Trichloroethane	0.4	1.059513	0.5	1.221154	1	1.229554	2	1.182423	5	1.255759	10	1.339644
1,1,2-Trichloroethane	0.4	0.3740987	0.5	0.4115188	1	0.4298037	2	0.4276143	5	0.44339	10	0.465731

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H0909

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4710154	0.5	0.46575	1	0.5055573	2	0.5028631	5	0.5346558	10	0.5373805
Trichlorofluoromethane (Freon 1	0.4	0.9093659	0.5	0.8924384	1	1.058573	2	1.048914	5	1.055781	10	1.105072
1,2,3-Trichloropropane	0.4	0.6330725	0.5	0.6487227	1	0.7465465	2	0.6850098	5	0.6898388	10	0.7051758
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.4585565	0.5	0.5282502	1	0.5519829	2	0.5612869	5	0.5374066	10	0.553225
1,2,4-Trimethylbenzene	0.4	2.443278	0.5	2.430678	1	2.644348	2	2.511999	5	2.602085	10	2.787638
1,3,5-Trimethylbenzene	0.4	2.342098	0.5	2.6054	1	2.660756	2	2.706779	5	2.710074	10	2.868515
Vinyl Acetate	4	1.178966	5	1.168506	10	1.285569	20	1.305246	50	1.346038	100	1.432888
Vinyl Chloride	0.4	0.7440937	0.5	0.7138916	1	0.7600357	2	0.7653372	5	0.7983431	10	0.8245067
m+p Xylene	0.8	2.572605	1	2.635177	2	2.81049	4	2.78297	10	2.874977	20	2.967555
o-Xylene	0.4	2.753345	0.5	2.934061	1	2.90095	2	2.896352	5	2.846491	10	3.051878
1,2-Dichloroethane-d4	25	0.6413564	25	0.6218631	25	0.6188927	25	0.6221663	25	0.6411779	25	0.6306068
Toluene-d8	25	1.183276	25	1.227969	25	1.163154	25	1.207797	25	1.195216	25	1.171684
4-Bromofluorobenzene	25	0.9880839	25	0.9989692	25	1.000836	25	0.9868418	25	0.9575881	25	0.9643179

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0909

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2348632	50	0.2668693	100	0.2788376	200	~~0.3082516~~				
Ethyl Methacrylate	20	0.5784963	50	0.5887964	100	0.5928499	200	0.5891352				
Acetone	200	0.1605621	500	0.1603505	1000	0.1567199	2000	0.1568673				
Acrolein	200	6.104815E-02	500	5.969021E-02	1000	5.839731E-02	2000	6.097297E-02				
Acrylonitrile	20	0.2472123	50	0.2551703	100	0.248967	200	0.2457045				
tert-Amyl Methyl Ether (TAME)	20	2.150224	50	2.190235	100	2.149361	200	2.181385				
Benzene	20	2.965604	50	3.009204	100	2.914638	200	3.017493				
Bromobenzene	20	1.520421	50	1.551015	100	1.479708	200	1.486362				
Bromochloromethane	20	0.6331939	50	0.6432272	100	0.6299261	200	0.6157616				
Bromodichloromethane	20	0.7494769	50	0.8115096	100	0.826745	200	0.838391				
Bromoform	20	0.561666	50	~~0.6610788~~	100	~~0.6793471~~	200	~~0.7176411~~				
Bromomethane	20	0.4844984	50	0.5228154	100	0.4626718	200	~~0.2940359~~				
2-Butanone (MEK)	200	0.2930349	500	0.2948937	1000	0.2886555	2000	0.2908013				
tert-Butyl Alcohol (TBA)	200	5.520879E-02	500	5.614062E-02	1000	5.649809E-02	2000	5.772284E-02				
n-Butylbenzene	20	2.314769	50	2.293637	100	2.324297	200	2.359147				
sec-Butylbenzene	20	3.019918	50	2.918658	100	2.977946	200	2.974645				
tert-Butylbenzene	20	2.207086	50	2.147429	100	2.16134	200	2.158486				
tert-Butyl Ethyl Ether (TBEE)	20	2.630615	50	2.658777	100	2.599029	200	2.647993				
Carbon Disulfide	200	1.77653	500	1.652137	1000	1.518098	2000	~~1.06516~~				
Carbon Tetrachloride	20	0.9776983	50	1.060052	100	1.104352	200	1.163196				
Chlorobenzene	20	2.226235	50	2.213376	100	2.120774	200	2.164792				
Chlorodibromomethane	20	0.5520386	50	0.6007451	100	~~0.6219382~~	200	~~0.6385674~~				
Chloroethane	20	0.3679166	50	0.3542155	100	0.329657	200	0.2981864				
2-Chloroethyl Vinyl Ether	200	0.2498449	500	0.2459389	1000	0.232848	2000	0.2229714				
Chloroform	20	1.558622	50	1.561631	100	1.565103	200	1.611175				
Chloromethane	20	0.8034837	50	0.782131	100	0.7884147	200	0.8797243				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0909

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.670303	50	2.678892	100	2.568525	200	2.544214				
4-Chlorotoluene	20	3.098895	50	3.111279	100	2.874673	200	2.866087				
Cyclohexane	20	1.074778	50	1.02918	100	1.048566	200	1.070207				
1,2-Dibromo-3-chloropropane (D	20	0.1373076	50	0.1461268	100	0.1556706	200	0.1653403				
1,2-Dibromoethane (EDB)	20	0.4801473	50	0.4908787	100	0.4845259	200	0.482343				
Dibromomethane	20	0.3383535	50	0.3567979	100	0.3464281	200	0.3398123				
1,2-Dichlorobenzene	20	1.686798	50	1.659368	100	1.668545	200	1.659144				
1,3-Dichlorobenzene	20	1.743053	50	1.72693	100	1.701076	200	1.718437				
1,4-Dichlorobenzene	20	1.762055	50	1.732458	100	1.715948	200	1.694637				
trans-1,4-Dichloro-2-butene	20	0.2382194	50	0.2737253	100	0.2834298	200	0.2935542				
Dichlorodifluoromethane (Freon	20	1.080087	50	0.8798371	100	0.8575894	200	0.8460629				
1,1-Dichloroethane	20	1.379007	50	1.398364	100	1.38502	200	1.405669				
1,2-Dichloroethane	20	0.8419776	50	0.8499754	100	0.8436508	200	0.8428274				
1,1-Dichloroethylene	20	0.9880353	50	0.9804893	100	0.9629766	200	0.9798472				
cis-1,2-Dichloroethylene	20	1.29498	50	1.311562	100	1.279369	200	1.326905				
trans-1,2-Dichloroethylene	20	1.065407	50	1.068393	100	1.036054	200	1.049263				
Dichlorofluoromethane (Freon 2	20	1.226462	50	1.233913	100	1.187918	200	1.189232				
1,2-Dichloropropane	20	0.4766137	50	0.4872434	100	0.4882063	200	0.4834192				
1,3-Dichloropropane	20	0.7535287	50	0.7640545	100	0.7479423	200	0.7569474				
2,2-Dichloropropane	20	1.016452	50	1.028017	100	1.063405	200	1.135334				
1,1-Dichloropropene	20	1.097558	50	1.090283	100	1.067045	200	1.093715				
cis-1,3-Dichloropropene	20	0.781383	50	0.8163471	100	0.8054185	200	0.8222173				
trans-1,3-Dichloropropene	20	0.682501	50	0.7021675	100	0.725676	200	0.7412426				
Diethyl Ether	20	0.4292919	50	0.4360425	100	0.4270365	200	0.4403071				
Difluorochloromethane (Freon 2	20	1.15256	50	1.036176	100	1.013331	200	1.031802				
Diisopropyl Ether (DIPE)	20	2.51554	50	2.49346	100	2.404224	200	2.39944				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0909

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.654035E-03	500	3.565617E-03	1000	3.501606E-03	2000	3.426107E-03				
Ethyl Acetate	20	0.7711797	50	0.7144602	100	0.7003751	200	0.711402				
Ethylbenzene	20	3.887958	50	3.845084	100	3.762147	200	3.800245				
Hexachlorobutadiene	20	0.4553995	50	0.4356626	100	0.4612597	200	0.4630114				
2-Hexanone (MBK)	200	0.2874611	500	0.2959172	1000	0.2883495	2000	0.2732377				
Iodomethane	200	0.9874146	500	0.9611868	1000	0.8822535	2000	0.8036228				
Isopropylbenzene (Cumene)	20	3.043315	50	3.021087	100	2.975351	200	2.934496				
p-Isopropyltoluene (p-Cymene)	20	2.512438	50	2.454116	100	2.438066	200	2.441991				
Methyl Acetate	20	0.8899064	50	0.9026976	100	0.8876341	200	0.9077358				
Methyl tert-Butyl Ether (MTBE)	20	2.292257	50	2.296455	100	2.227634	200	2.233044				
Methyl Cyclohexane	20	0.6516707	50	0.6530858	100	0.6689165	200	0.6627097				
Methylene Chloride	20	0.8292234	50	0.8325122	100	0.7990101	200	0.8116692				
4-Methyl-2-pentanone (MIBK)	200	0.4134478	500	0.4215025	1000	0.4088861	2000	0.3850167				
Naphthalene	20	2.106761	50	2.162981	100	2.285204	200	2.28201				
n-Propylbenzene	20	4.207108	50	4.139015	100	4.012768	200	4.021635				
Styrene	20	2.429684	50	2.454833	100	2.318736	200	2.280059				
1,1,1,2-Tetrachloroethane	20	0.8008826	50	0.8411341	100	0.8250322	200	0.8447227				
1,1,2,2-Tetrachloroethane	20	0.9572472	50	0.9721682	100	0.9392659	200	0.9411326				
Tetrachloroethylene	20	0.5720657	50	0.5735887	100	0.5650993	200	0.5744761				
Tetrahydrofuran	20	0.1728075	50	0.1830505	100	0.1819085	200	0.185974				
Toluene	20	2.060488	50	2.114088	100	2.043581	200	2.038453				
1,2,3-Trichlorobenzene	20	0.9190199	50	0.9523322	100	0.9853637	200	0.9695567				
1,2,4-Trichlorobenzene	20	1.047559	50	1.064809	100	1.111926	200	1.099869				
1,3,5-Trichlorobenzene	20	1.167351	50	1.177086	100	1.182465	200	1.185088				
1,1,1-Trichloroethane	20	1.373576	50	1.396436	100	1.409277	200	1.472581				
1,1,2-Trichloroethane	20	0.450689	50	0.4627448	100	0.4527771	200	0.4595161				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H0909

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100030 Instrument: GCMSVOA3

Calibration Date: 9/29/2011 9:21:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.5445518	50	0.5410666	100	0.5421391	200	0.5461196				
Trichlorofluoromethane (Freon 1	20	1.096706	50	1.056576	100	1.043298	200	1.022337				
1,2,3-Trichloropropane	20	0.7314475	50	0.7313156	100	0.7164758	200	0.7158674				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.5588956	50	0.5430244	100	0.5321344	200	0.5427397				
1,2,4-Trimethylbenzene	20	2.799643	50	2.78772	100	2.767836	200	2.770923				
1,3,5-Trimethylbenzene	20	3.019067	50	3.003731	100	2.769632	200	2.762127				
Vinyl Acetate	200	1.469411	500	1.462297	1000	1.413301	2000	~~1.298498~~				
Vinyl Chloride	20	0.8202023	50	0.7713197	100	0.7624823	200	0.8117487				
m+p Xylene	40	3.021398	100	2.965817	200	2.863576	400	2.812082				
o-Xylene	20	3.213404	50	3.145778	100	2.966939	200	2.954115				
1,2-Dichloroethane-d4	25	0.6399209	25	0.6476761	25	0.6319063	25	0.6517142				
Toluene-d8	25	1.193316	25	1.225054	25	1.197667	25	1.216761				
4-Bromofluorobenzene	25	1.005896	25	1.014731	25	0.9707023	25	0.9843417				

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100030	Instrument:	GCMSVOA3
		Calibration Date:	9/29/2011 9:21:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2293454	14.05172			15	
Ethyl Methacrylate	0.5565421	6.079511			15	
Acetone	0.1612569	4.674634			15	
Acrolein	6.111802E-02	7.619275			15	
Acrylonitrile	0.2530627	5.560782			15	
tert-Amyl Methyl Ether (TAME)	1.998363	9.990606			15	
Benzene	2.809804	6.611404			15	
Bromobenzene	1.424704	7.805926			15	
Bromochloromethane	0.6025272	6.558406			15	
Bromodichloromethane	0.7028739	14.70014			15	
Bromoform	0.4822814	11.30859			15	
Bromomethane	0.5148609	11.34813			15	
2-Butanone (MEK)	0.2831901	3.939972			15	
tert-Butyl Alcohol (TBA)	5.637349E-02	1.876013			15	
n-Butylbenzene	2.187947	7.751332			15	
sec-Butylbenzene	2.846141	5.281999			15	
tert-Butylbenzene	2.079627	6.039598			15	
tert-Butyl Ethyl Ether (TBEE)	2.482805	6.37898			15	
Carbon Disulfide	1.620134	7.711907			15	
Carbon Tetrachloride	0.8679931	23.23581	0.9991887		0.995	
Chlorobenzene	2.096303	5.547324			15	
Chlorodibromomethane	0.4865105	14.71235			15	
Chloroethane	0.3543307	9.011312			15	
2-Chloroethyl Vinyl Ether	0.227784	7.99196			15	
Chloroform	1.480912	6.925065			15	
Chloromethane	0.7763184	6.064443			15	
2-Chlorotoluene	2.502994	6.517337			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100030	Instrument:	GCMSVOA3
		Calibration Date:	9/29/2011 9:21:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.874881	5.160589			15	
Cyclohexane	1.067088	2.681864			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1386436	13.58794			15	
1,2-Dibromoethane (EDB)	0.4707386	4.878792			15	
Dibromomethane	0.3358929	7.725046			15	
1,2-Dichlorobenzene	1.595406	5.306031			15	
1,3-Dichlorobenzene	1.638127	5.946648			15	
1,4-Dichlorobenzene	1.679585	4.648444			15	
trans-1,4-Dichloro-2-butene	0.2527236	14.53793			15	
Dichlorodifluoromethane (Freon 12)	0.9790921	8.917437			15	
1,1-Dichloroethane	1.33101	4.83328			15	
1,2-Dichloroethane	0.8105015	5.731708			15	
1,1-Dichloroethylene	0.9574361	3.495764			15	
cis-1,2-Dichloroethylene	1.238182	5.937331			15	
trans-1,2-Dichloroethylene	0.9978778	7.124875			15	
Dichlorofluoromethane (Freon 21)	1.215968	3.058343			15	
1,2-Dichloropropane	0.4635801	6.130238			15	
1,3-Dichloropropane	0.7163139	5.798851			15	
2,2-Dichloropropane	0.9749574	8.468802			15	
1,1-Dichloropropene	1.055912	4.357743			15	
cis-1,3-Dichloropropene	0.7272885	11.55043			15	
trans-1,3-Dichloropropene	0.6215492	13.90495			15	
Diethyl Ether	0.4193615	6.870701			15	
Difluorochloromethane (Freon 22)	1.061213	4.533072			15	
Diisopropyl Ether (DIPE)	2.337547	6.370078			15	
1,4-Dioxane	3.450459E-03	11.0583			15	
Ethyl Acetate	0.7708423	11.19887			15	

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100030	Instrument:	GCMSVOA3
		Calibration Date:	9/29/2011 9:21:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.675419	5.437392			15	
Hexachlorobutadiene	0.4505147	5.099716			15	
2-Hexanone (MBK)	0.2755203	5.913326			15	
Iodomethane	0.8605135	12.224			15	
Isopropylbenzene (Cumene)	2.879206	4.696019			15	
p-Isopropyltoluene (p-Cymene)	2.332586	7.007854			15	
Methyl Acetate	0.8961586	3.641094			15	
Methyl tert-Butyl Ether (MTBE)	2.146673	6.877848			15	
Methyl Cyclohexane	0.6423829	3.101011			15	
Methylene Chloride	0.8633889	8.128865			15	
4-Methyl-2-pentanone (MIBK)	0.3949281	5.764823			15	
Naphthalene	1.968575	15.04388			15	*
n-Propylbenzene	3.882522	5.778845			15	
Styrene	2.242488	8.434551			15	
1,1,1,2-Tetrachloroethane	0.7229577	14.5894			15	
1,1,2,2-Tetrachloroethane	0.8965881	6.354099			15	
Tetrachloroethylene	0.5546277	4.250791			15	
Tetrahydrofuran	0.1818518	4.722487			15	
Toluene	1.987065	4.352475			15	
1,2,3-Trichlorobenzene	0.8639845	13.88531			15	
1,2,4-Trichlorobenzene	0.957584	14.50902			15	
1,3,5-Trichlorobenzene	1.098607	8.797954			15	
1,1,1-Trichloroethane	1.293992	9.722323			15	
1,1,2-Trichloroethane	0.4377883	6.466058			15	
Trichloroethylene	0.5191099	5.94538			15	
Trichlorofluoromethane (Freon 11)	1.028906	6.973225			15	
1,2,3-Trichloropropane	0.7003472	5.240176			15	

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100030	Instrument:	GCMSVOA3
		Calibration Date:	9/29/2011 9:21:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5367502	5.512548			15	
1,2,4-Trimethylbenzene	2.654615	5.626871			15	
1,3,5-Trimethylbenzene	2.744818	7.18256			15	
Vinyl Acetate	1.340247	8.558315			15	
Vinyl Chloride	0.7771961	4.603008			15	
m+p Xylene	2.830665	5.054939			15	
o-Xylene	2.966331	4.64209			15	
1,2-Dichloroethane-d4	0.6347281	1.794524			15	
Toluene-d8	1.198189	1.809563			15	
4-Bromofluorobenzene	0.9872308	1.884059			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001078	Instrument:	GCMSVOA3
Calibration:	1100030		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1109033	0.4ppb 8260 Calibration Standard	S001078-CAL1	VC234003.D	08/22/11 11:53
1109034	0.5ppb 8260 Calibration Standard	S001078-CAL2	VC234004.D	08/22/11 12:23
1109035	1ppb 8260 Calibration Standard	S001078-CAL3	VC234005.D	08/22/11 12:53
1109036	2ppb 8260 Calibration Standard	S001078-CAL4	VC234006.D	08/22/11 13:23
1109037	5ppb 8260 Calibration Standard	S001078-CAL5	VC234007.D	08/22/11 13:53
1109038	10ppb 8260 Calibration Standard	S001078-CAL6	VC234008.D	08/22/11 14:23
1109039	20ppb 8260 Calibration Standard	S001078-CAL7	VC234009.D	08/22/11 14:53
1109040	50ppb 8260 Calibration Standard	S001078-CAL8	VC234010.D	08/22/11 15:23
1109041	100ppb 8260 Calibration Standard	S001078-CAL9	VC234011.D	08/22/11 15:54
1109042	200ppb 8260 Calibration Standard	S001078-CALA	VC234012.D	08/22/11 16:24

Response Factor Report GCMSVOA3

Method Path : X:\1\METHODS\
Method File : C0831W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC243010.D 0.5 =VC243011.D 1.0 =VC243012.D 2.0 =VC243013.D 5.0 =VC243014.D 10 =VC243015.D 20 =VC243019.D
50 =VC243017.D 100 =VC243018.D 200 =VC243019.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.656	0.672	0.662	0.659	0.667	0.670	0.680	0.674	0.669	0.662	0.667	1.12
3)		DICHLORODIFLUO...	0.942	1.128	1.073	1.024	0.999	1.059	1.011	1.132	0.974	0.903	1.024	7.33
4)		DIFLUOROCHLORO...	0.836	1.183	1.079	1.041	1.048	1.128	1.087	1.174	1.047	1.011	1.063	9.24
5)	P	CHLOROMETHANE	0.639	0.711	0.698	0.720	0.697	0.702	0.687	0.766	0.759	0.795	0.717	6.28
6)	C	VINYL CHLORIDE	0.652	0.761	0.833	0.800	0.754	0.814	0.814	0.861	0.782	0.794	0.786	7.27#
7)		BROMOMETHANE				0.637	0.457	0.472	0.437	0.542	0.519	0.470	0.505	13.58
8)		CHLOROETHANE	0.378	0.440	0.358	0.389	0.354	0.379	0.365	0.398	0.366	0.339	0.377	7.48
9)		FLUORODICHLORO...	1.242	1.180	1.212	1.251	1.203	1.339	1.286	1.381	1.276	1.205	1.257	5.10
10)		TRICHLOROFLUOR...	1.023	1.036	1.032	1.016	1.029	1.088	1.132	1.205	1.078	1.035	1.067	5.68
11)		ETHANOL					0.005	0.004	0.004	0.003	0.003		0.004	0.996(LR)
12)		DI ETHYL ETHER	0.362	0.450	0.403	0.417	0.410	0.419	0.421	0.464	0.433	0.423	0.420	6.53
13)		ACROLEIN		0.039	0.041	0.046	0.048	0.051	0.055	0.057	0.057	0.058	0.050	14.27
14)		ACETONE	0.195	0.182	0.186	0.164	0.156	0.157	0.157	0.170	0.158	0.156	0.168	8.61
15)	C	1,1-DICHLOROET...	0.844	1.065	1.049	0.979	0.964	1.043	1.015	1.078	0.983	0.948	0.997	6.99#
16)		1,1,2-TRICL-1,...	0.540	0.543	0.566	0.550	0.523	0.585	0.585	0.601	0.544	0.534	0.557	4.62
17)		IODOMETHANE	0.400	0.605	0.557	0.744	0.815	0.962	0.996	1.098	0.984		0.796	0.997(LR)
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	0.873	1.175	1.093	1.007	1.016	1.026	1.038	1.085	1.020	1.043	1.038	7.40
21)		T-BUTYL ALCOHOL				0.023	0.024	0.027	0.027	0.036	0.039	0.044	0.031	0.997(LR)
22)		ACRYLONITRILE			0.245	0.203	0.199	0.218	0.210	0.229	0.214	0.219	0.217	6.79
23)		METHYLENE CHLO...					0.915	0.921	0.870	0.894	0.801	0.809	0.869	6.04
24)		CARBON DISULFIDE	1.422	1.616	1.563	1.649	1.626	1.760	1.728	1.889			1.657	8.42
25)		METHYL TERT-BU...	1.708	1.891	1.851	1.928	1.918	2.035	2.094	2.215	2.074	2.075	1.979	7.43
26)		TRANS 1,2-DICH...	0.864	0.964	0.897	0.944	0.936	1.019	1.002	1.061	0.985	0.961	0.963	5.99
27)	P	1,1-DICHLOROET...	1.014	1.212	1.123	1.219	1.154	1.290	1.267	1.333	1.253	1.250	1.212	7.67
28)		VINYL ACETATE	0.647	0.702	0.799	0.818	0.936	1.081	1.191	1.376	1.330		0.987	0.999(LR)
29)		DI ISOPROYL ETHER	1.829	1.919	2.097	2.217	2.095	2.289	2.282	2.466	2.258	2.244	2.170	8.69
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.187	0.223	0.284	0.237	0.243	0.263	0.264	0.281	0.268	0.267	0.252	11.82
32)		T-BUTYL ETHYL ...	1.658	1.777	1.890	1.864	1.933	2.115	2.137	2.340	2.259	2.295	2.027	11.59
33)		CIS-1,2-DICHLO...	0.980	1.035	1.088	1.168	1.112	1.225	1.206	1.289	1.189	1.185	1.148	8.13
34)		2,2-DICHLOROPR...			0.518	0.581	0.573	0.677	0.743				0.618	14.58
35)		ETHYL ACETATE	0.751	0.692	0.662	0.578	0.555	0.600	0.638	0.625	0.621	0.619	0.634	8.92
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.525	0.590	0.610	0.604	0.553	0.597	0.594	0.629	0.569	0.546	0.582	5.59
39)		TETRAHYDROFURAN			0.205	0.166	0.142	0.164	0.147	0.166	0.154	0.155	0.162	11.93

40)	C	CHLOROFORM	1.279	1.430	1.330	1.452	1.359	1.501	1.465	1.581	1.457	1.437	1.429	6.08#
41)		1,1,1-TRICHLOR...			0.909	0.936	0.953	1.055	1.131	1.298	1.260	1.277	1.102	14.71
42)		CYCLOHEXANE					1.035	1.014	1.000	1.038	0.952	0.958	1.000	3.73
43)		CARBON TETRACH...	0.375	0.602	0.464	0.509	0.545	0.617	0.700	0.893	0.930	0.990	0.663	0.999(LR)
44)		1,1-DICHLOROPR...	1.023	1.033	0.980	0.988	0.983	1.057	1.066	1.121	1.025	1.010	1.029	4.26
45)		BENZENE	2.224	2.268	2.454	2.503	2.506	2.744	2.682	2.849	2.609	2.584	2.542	7.72
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.311	1.419	1.505	1.501	1.588	1.730	1.782	1.958	1.851	1.881	1.653	13.19
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.175	1.174	1.152	1.191	1.174	1.171	1.161	1.174	1.168	1.172	1.171	0.86
50)		1,2-DICHLOROET...	0.800	0.863	0.928	0.939	0.899	0.940	0.927	0.988	0.913	0.894	0.909	5.59
51)		TRICHLOROETHENE	0.511	0.573	0.568	0.574	0.539	0.570	0.548	0.576	0.542	0.540	0.554	3.88
52)		METHYLCYCLOHEXANE	0.578	0.665	0.635	0.657	0.632	0.669	0.675	0.716	0.662	0.667	0.656	5.44
53)	C	1,2-DICHLOROPR...	0.463	0.439	0.454	0.499	0.457	0.459	0.461	0.509	0.470	0.472	0.468	4.47#
54)		DIBROMOMETHANE	0.319	0.348	0.342	0.341	0.334	0.358	0.349	0.369	0.343	0.340	0.344	3.92
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE					0.003	0.003	0.003	0.003	0.003	0.003	0.003	6.10
57)		BROMODICHLOROM...	0.576	0.628	0.616	0.659	0.650	0.710	0.753	0.859	0.833	0.857	0.714	14.77
58)		2-CHLOROETHYLV...	0.198	0.201	0.220	0.231	0.226	0.247	0.250	0.265	0.246	0.245	0.233	9.36
59)		MIBK	0.329	0.338	0.439	0.391	0.420	0.421	0.434	0.468	0.442	0.438	0.412	11.09
60)		CIS-1,3-DICHLO...	0.469	0.537	0.581	0.598	0.591	0.663	0.723				0.595	13.79
61)	C	TOLUENE	1.813	1.878	1.934	2.052	1.959	2.074	2.045	2.129	1.994	2.007	1.988	4.78#
62)		TRANS-1,3,-DIC...	0.355	0.415	0.384	0.415	0.435	0.504					0.418	12.06
63)		ETHYL METHACRY...		0.325	0.347	0.331	0.375	0.453	0.530	0.600	0.585	0.589	0.459	1.000(LR)
64)		1,1,2-TRICHLOR...	0.371	0.476	0.444	0.428	0.419	0.452	0.448	0.472	0.444	0.443	0.440	6.75
65)		2-HEXANONE			0.252	0.215	0.266	0.264	0.285	0.314	0.304	0.298	0.275	11.76
66)		TETRACHLOROETHENE	0.560	0.610	0.556	0.620	0.567	0.605	0.598	0.624	0.569	0.566	0.587	4.50
67)		1,3-DICHLOROPR...	0.625	0.720	0.798	0.773	0.760	0.806	0.790	0.844	0.762	0.762	0.764	7.73
68)		DIBROMOCHLOROM...		0.354	0.349	0.366	0.373	0.432	0.488				0.394	14.01
69)		1,2-DIBROMOETHANE		0.357	0.413	0.402	0.415	0.464	0.487	0.524	0.468	0.472	0.445	11.58
70)		CHLOROBENZENE-D5	... ----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.886	0.862	0.859	0.885	0.879	0.889	0.864	0.904	0.903	0.918	0.885	2.21
72)	T	CHLOROBENZENE	2.490	2.356	2.595	2.455	2.415	2.599	2.525	2.684	2.466	2.435	2.502	3.97
73)		1,1,1,2-TETRAC...		0.571	0.548	0.514	0.562	0.673	0.747				0.602	14.73
74)	C	ETHYLBENZENE	3.543	4.003	4.249	4.047	4.254	4.529	4.330	4.695	4.352	4.337	4.234	7.47#
75)		M/P-XYLENES	2.827	3.145	3.160	3.340	3.221	3.616	3.399	3.632	3.371	3.345	3.306	7.14
76)		0-XYLENE	3.060	3.420	3.296	3.392	3.311	3.729	3.560	3.788	3.527	3.483	3.456	6.18
77)		STYRENE	2.154	2.241	2.300	2.468	2.442	2.802	2.773	2.931	2.708	2.684	2.550	10.41
78)	P	BROMOFORM	0.247	0.222	0.294	0.316	0.368	0.435	0.501	0.695	0.753	0.819	0.465	0.997(LR)
79)		ISOPROPYLBENZENE	3.029	3.270	3.145	3.448	3.299	3.695	3.614	3.890	3.517	3.514	3.442	7.59
80)		CIS-1,4-DICHLO...			0.157	0.154	0.170	0.187	0.225	0.293	0.308	0.343	0.230	0.997(LR)
81)	P	1,1,2,2-TETRAC...	0.910	0.834	1.046	0.919	0.897	1.026	1.016	1.112	1.049	1.053	0.986	9.05
82)		1,4-DICHLORO-2...			0.164	0.139	0.149	0.189	0.217	0.279	0.305	0.334	0.222	0.998(LR)
83)		BROMOBENZENE	1.528	1.659	1.726	1.734	1.698	1.828	1.761	1.932	1.767	1.754	1.739	6.04
84)		1,2,3-TRICHLOR...	0.734	0.761	0.868	0.825	0.807	0.839	0.826	0.898	0.845	0.837	0.824	5.79
85)		N-PROPYLBENZENE	3.827	3.721	4.112	4.266	4.244	4.834	4.574	4.994	4.708	4.608	4.389	9.67
86)		2-CHLOROT0LUENE	2.657	2.797	3.046	2.961	2.967	3.215	2.992	3.241	3.022	2.955	2.985	5.78
87)		1,3,5-TRIMETHY...	2.534	2.719	2.951	3.223	3.215	3.684	3.516	3.737	3.446	3.373	3.240	12.32
88)		4-CHLOROTOLUENE	2.678	3.110	3.106	3.309	3.271	3.631	3.467	3.736	3.507	3.420	3.324	9.20
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.530	2.988	2.878	2.927	2.853	3.028	3.025	3.100	2.816	2.828	2.897	5.54

91)	1,2,4-TRIMETHY...	3.093	3.196	3.608	3.709	3.559	3.988	3.924	4.075	3.647	3.644	3.644	8.67
92)	SEC-BUTYLBENZENE	2.979	3.263	3.972	3.889	3.810	4.159	4.150	4.288	3.914	3.871	3.830	10.65
93)	1,3-DICHLOROBE...	1.865	2.002	2.241	2.153	2.084	2.285	2.242	2.358	2.144	2.168	2.154	6.68
94)	P-ISOPROPYLTOL...	2.619	2.402	2.925	3.065	3.143	3.409	3.441	3.477	3.245	3.212	3.094	11.50
95)	1,4-DICHLOROBE...	2.233	2.363	2.429	2.237	2.119	2.313	2.254	2.322	2.188	2.183	2.264	4.11
96)	N-BUTYLBENZENE	1.362	1.420	2.112	2.172	2.554	2.974	3.057	3.206	2.953	2.992	2.480	1.000(LR)
97)	1,2-DICHLOROBE...	1.879	1.911	2.112	2.102	2.011	2.192	2.154	2.267	2.087	2.091	2.081	5.73
98)	1,2-DIBROMO-3-...			0.073	0.061	0.092	0.115	0.133	0.186	0.194	0.211	0.133	0.998(LR)
99)	1,3,5-TRICHLOR...	0.363	0.439	0.915	0.923	1.156	1.355	1.474	1.590	1.448	1.505	1.117	0.999(LR)
100)	1,2,4-TRICHLOR...			0.163	0.188	0.509	0.772	1.027	1.282	1.244	1.347	0.817	0.999(LR)
101)	HEXACHLOROBUTA...		0.249	0.405	0.472	0.519	0.587	0.621	0.677	0.589	0.625	0.527	0.999(LR)
102)	NAPHTHALENE					0.535	0.950	1.536	2.140	2.245	2.507	1.652	0.998(LR)
103)	1,2,3-TRICHLOR...				0.086	0.384	0.601	0.804	1.063	1.070	1.171	0.740	0.999(LR)

(#) = Out of Range

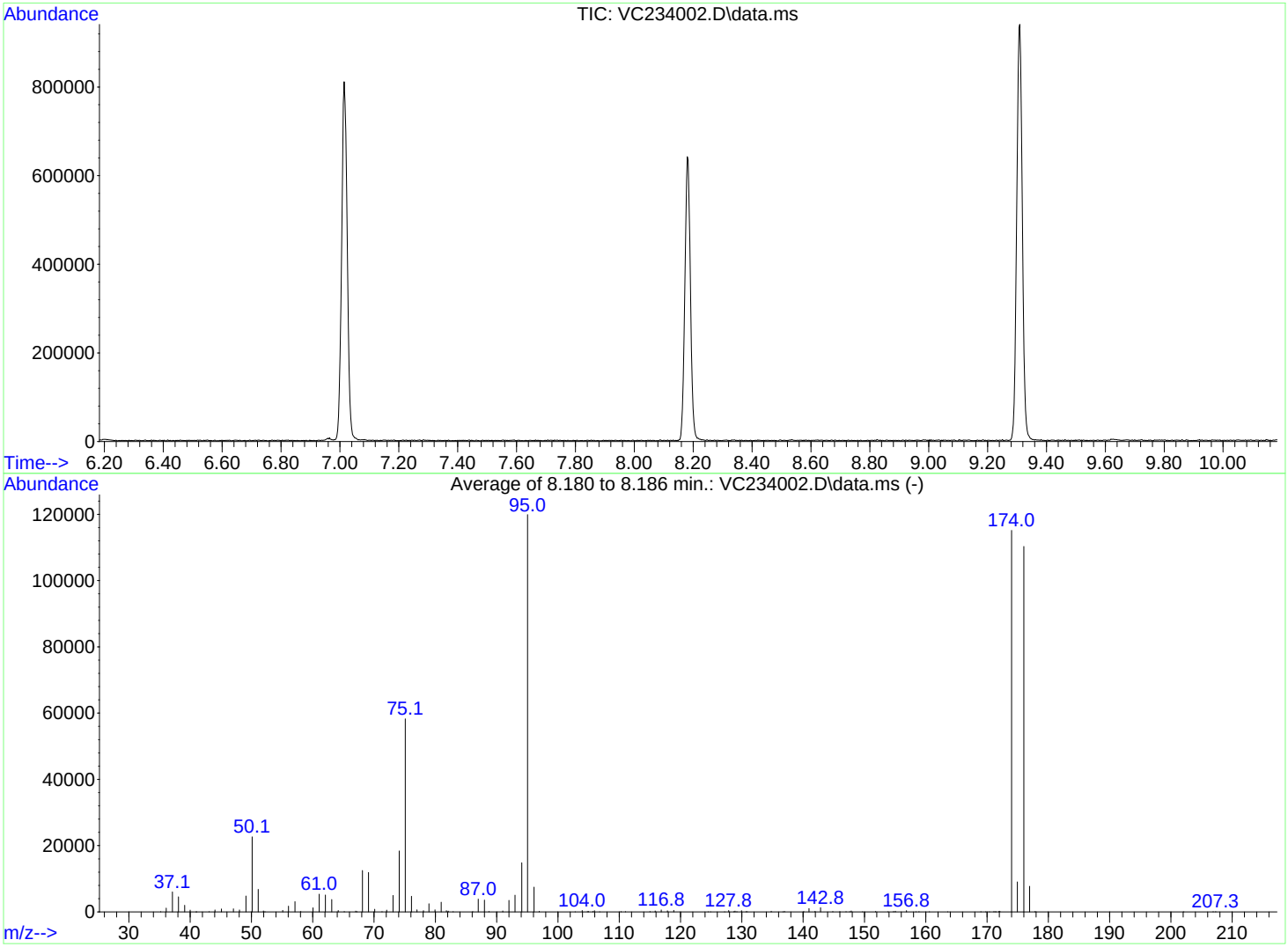
C0831W11.M Fri Sep 30 09:13:15 2011

BFB

Data Path : X:\1\DATA\082211\
Data File : VC234002.D
Acq On : 22 Aug 2011 11:23 am
Operator :
Sample : BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0831W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.180 to 8.186 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	22645	PASS
75	95	30	60	48.6	58256	PASS
95	95	100	100	100.0	119904	PASS
96	95	5	9	6.2	7479	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	96.0	115131	PASS
175	174	5	9	7.9	9058	PASS
176	174	95	101	95.8	110296	PASS
177	176	5	9	7.0	7732	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234003.D
Acq On : 22 Aug 2011 11:53 am
Operator :
Sample : 8260 STD 0.4 PPB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 13:46:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	203301	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	309544	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	194409	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	209841	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	108657	32.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.60%				
49) TOLUENE SS	5.609	98	305230	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	160077	25.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	2652	0.60	UG/L		95
4) DIFLUOROCHLOROMETHANE	0.879	51	2737	0.48	UG/L	#	92
5) CHLOROMETHANE	0.957	50	1914	3.51	UG/L		97
6) VINYL CHLORIDE	1.002	62	2017	0.56	UG/L		99
7) BROMOMETHANE	1.150	94	1750	0.78	UG/L	#	80
9) FLUORODICHLOROMETHANE	1.281	67	3290	0.61	UG/L		94
10) TRICHLOROFLUOROMETHANE	1.317	101	2465	0.57	UG/L		94
12) DI ETHYL ETHER	1.454	59	980	0.41	UG/L	#	68
13) ACROLEIN	1.521	56	1501m	4.26	UG/L		
14) ACETONE	1.602	43	4783	5.77	UG/L		91
15) 1,1-DICHLOROETHENE	1.571	61	2392	0.49	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.574	101	1243	0.43	UG/L		97
17) IODOMETHANE	1.660	142	17956	4.01	UG/L	#	100
23) METHYLENE CHLORIDE	1.850	49	5225	1.28	UG/L		96
24) CARBON DISULFIDE	1.696	76	37982	3.95	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.031	73	5145m	0.54	UG/L		
26) TRANS 1,2-DICHLOROETHENE	2.025	61	2330	0.51	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	3421	0.46	UG/L	#	84
28) VINYL ACETATE	2.380	43	31958	4.64	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	5610	0.40	UG/L	#	69
31) 2-BUTANONE	2.873	43	6980	4.09	UG/L	#	76
32) T-BUTYL ETHYL ETHER	2.711	59	6139	0.46	UG/L	#	73
33) CIS-1,2-DICHLOROETHENE	2.845	61	3018m	0.41	UG/L		
34) 2,2-DICHLOROPROPANE	2.837	77	2453m	0.63	UG/L		
35) ETHYL ACETATE	2.943	43	3475	0.74	UG/L	#	69
38) BROMOCHLOROMETHANE	3.080	49	1410m	0.38	UG/L		
40) CHLOROFORM	3.180	83	3719	0.45	UG/L	#	60
41) 1,1,1-TRICHLOROETHANE	3.347	97	2872m	0.46	UG/L		
43) CARBON TETRACHLORIDE	3.509	117	1752m	0.41	UG/L		
44) 1,1-DICHLOROPROPENE	3.515	75	2952m	0.46	UG/L		
45) BENZENE	3.729	78	6766	0.37	UG/L	#	1
47) T-AMYLMETHYL ETHER	3.869	73	4304	0.37	UG/L	#	66
50) 1,2-DICHLOROETHANE	3.754	62	2876	0.40	UG/L	#	77
51) TRICHLOROETHENE	4.390	95	1944	0.39	UG/L	#	45
52) METHYLCYCLOHEXANE	4.560	83	2663m	0.40	UG/L		
53) 1,2-DICHLOROPROPANE	4.616	63	1668	0.34	UG/L	#	80
54) DIBROMOMETHANE	4.722	93	1090	0.32	UG/L		87
57) BROMODICHLOROMETHANE	4.903	83	2325m	0.35	UG/L		
58) 2-CHLOROETHYLVINYLETHER	5.246	63	8054	3.52	UG/L		89
59) MIBK	5.542	43	14300	3.55	UG/L	#	89
60) CIS-1,3-DICHLOROPROPENE	5.358	75	2476	0.35	UG/L		95
61) TOLUENE	5.673	91	7717	0.37	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	2160	0.40	UG/L	#	50

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234003.D
Acq On : 22 Aug 2011 11:53 am
Operator :
Sample : 8260 STD 0.4 PPB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 13:46:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

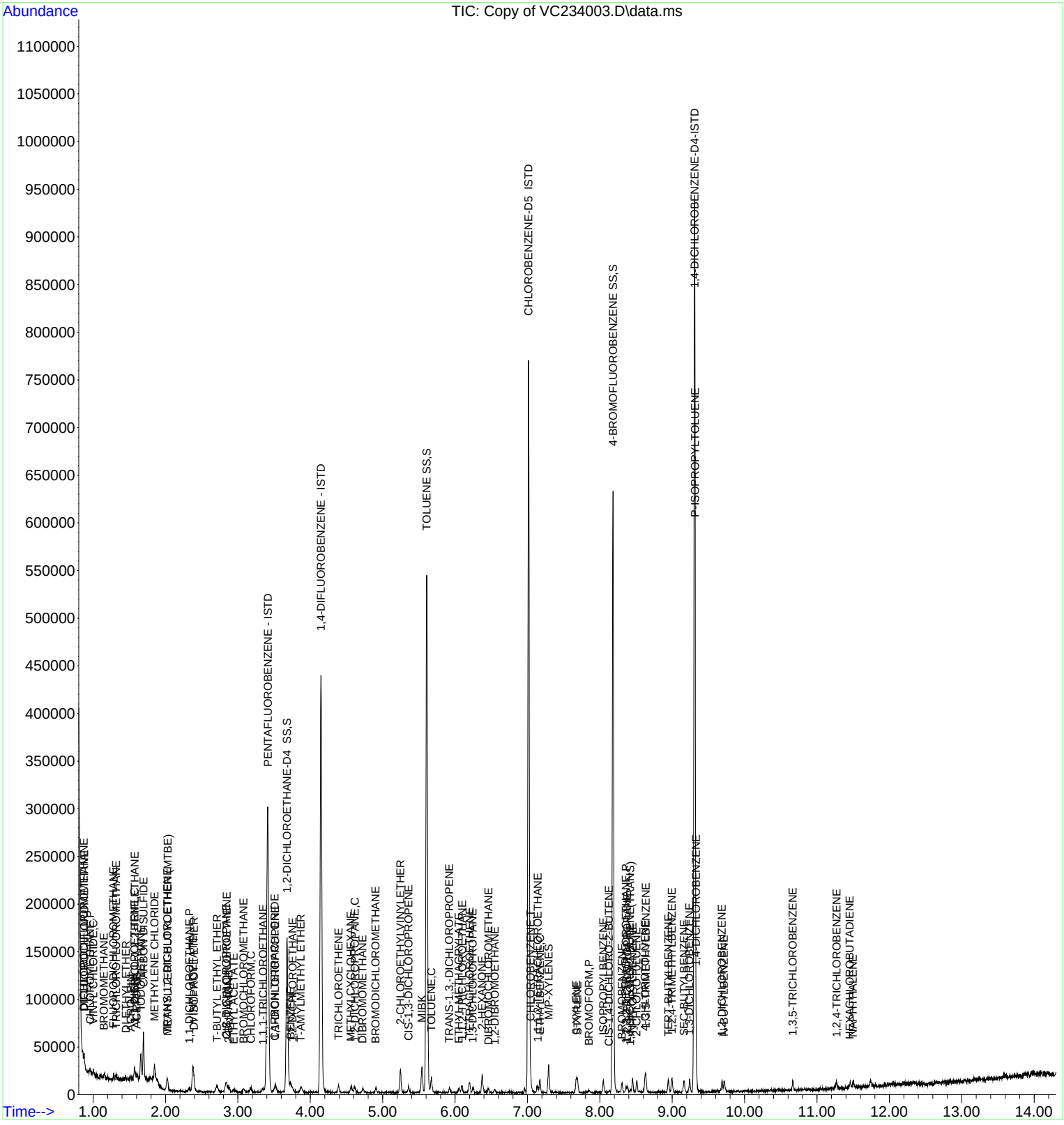
Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
63) ETHYL METHACRYLATE	6.049	69	2030m	0.36 UG/L		
64) 1,1,2-TRICHLOROETHANE	6.100	97	1544	0.33 UG/L	#	65
65) 2-HEXANONE	6.373	43	10356	4.01 UG/L	#	82
66) TETRACHLOROETHENE	6.203	166	2070	0.37 UG/L		99
67) 1,3-DICHLOROPROPANE	6.245	76	2637	0.36 UG/L		96
68) DIBROMOCHLOROMETHANE	6.462	129	1370	0.27 UG/L		92
69) 1,2-DIBROMOETHANE	6.549	107	1729	0.38 UG/L		90
72) CHLOROBENZENE	7.042	112	4805	0.28 UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.143	131	1419	0.25 UG/L	#	57
74) ETHYLBENZENE	7.173	91	8513	0.30 UG/L		92
75) M/P-XYLENES	7.293	91	13337	0.64 UG/L	#	100
76) 0-XYLENE	7.672	91	7137	0.32 UG/L		92
77) STYRENE	7.692	104	4744	0.26 UG/L		87
78) BROMOFORM	7.851	173	922	0.20 UG/L	#	35
79) ISOPROPYLBENZENE	8.049	105	7059	0.31 UG/L		90
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	441m	0.34 UG/L		
81) 1,1,2,2-TETRACHLOROETHANE	8.358	83	2136	0.30 UG/L	#	53
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	517m	0.35 UG/L		
83) BROMOBENZENE	8.305	77	3013	0.27 UG/L		94
84) 1,2,3-TRICHLOROPROPANE	8.381	75	1641	0.31 UG/L	#	39
85) N-PROPYLBENZENE	8.453	91	9762	0.34 UG/L	#	85
86) 2-CHLOROT0LUENE	8.509	91	5470	0.29 UG/L	#	69
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	6071	0.28 UG/L		100
88) 4-CHLOROTOLUENE	8.623	91	6907	0.32 UG/L		96
90) TERT-BUTYLBENZENE	8.947	119	5356	0.33 UG/L		89
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	6836	0.33 UG/L		93
92) SEC-BUTYLBENZENE	9.164	105	7367	0.32 UG/L		95
93) 1,3-DICHLOROBENZENE	9.237	146	4085	0.31 UG/L		95
94) P-ISOPROPYLTOLUENE	9.318	119	5596	0.30 UG/L	#	62
95) 1,4-DICHLOROBENZENE	9.329	146	4350	0.31 UG/L	#	94
96) N-BUTYLBENZENE	9.714	91	5907	0.38 UG/L	#	80
97) 1,2-DICHLOROBENZENE	9.686	146	4087	0.31 UG/L		91
99) 1,3,5-TRICHLOROBENZENE	10.665	180	2479	0.30 UG/L	#	50
100) 1,2,4-TRICHLOROBENZENE	11.273	180	2087	1.15 UG/L		99
101) HEXACHLOROBUTADIENE	11.454	225	1146	0.39 UG/L	#	43
102) NAPHTHALENE	11.498	128	3902	3.47 UG/L	#	71
103) 1,2,3-TRICHLOROBENZENE	11.744	180	1662	Below Cal		92

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234003.D
Acq On : 22 Aug 2011 11:53 am
Operator :
Sample : 8260 STD 0.4 PPB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 13:46:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234004.D
Acq On : 22 Aug 2011 12:23 pm
Operator :
Sample : 8260 STD 0.5 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 13:51:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	202972	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	300934	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	188401	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	205671	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	105184	31.42	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.68%				
49) TOLUENE SS	5.609	98	307948	25.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	156839	26.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	3410	0.77	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.879	51	3441	0.61	UG/L		98
5) CHLOROMETHANE	0.957	50	2650	3.66	UG/L		95
6) VINYL CHLORIDE	1.005	62	2415	0.67	UG/L	#	80
7) BROMOMETHANE	1.155	94	1918	0.86	UG/L	#	79
9) FLUORODICHLOROMETHANE	1.284	67	3935	0.73	UG/L	#	85
10) TRICHLOROFLUOROMETHANE	1.309	101	3019	0.70	UG/L		91
12) DI ETHYL ETHER	1.451	59	1384	0.58	UG/L	#	85
13) ACROLEIN	1.521	56	2406	6.84	UG/L	#	38
14) ACETONE	1.602	43	5058	6.11	UG/L	#	80
15) 1,1-DICHLOROETHENE	1.568	61	3117	0.64	UG/L	#	85
16) 1,1,2-TRICL-1,2,2-TRIF...	1.574	101	1787	0.62	UG/L		83
17) IODOMETHANE	1.657	142	25407	5.68	UG/L	#	100
20) METHYL ACETATE	1.783	43	3235	0.68	UG/L	#	89
23) METHYLENE CHLORIDE	1.847	49	6608	1.62	UG/L		94
24) CARBON DISULFIDE	1.696	76	51063	5.31	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	6842	0.72	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.025	61	3120	0.69	UG/L	#	91
27) 1,1-DICHLOROETHANE	2.332	63	4188	0.57	UG/L	#	85
28) VINYL ACETATE	2.377	43	39529	5.75	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	7405	0.52	UG/L		91
31) 2-BUTANONE	2.879	43	9430	5.54	UG/L		96
32) T-BUTYL ETHYL ETHER	2.717	59	7788	0.59	UG/L	#	66
33) CIS-1,2-DICHLOROETHENE	2.837	61	3863	0.53	UG/L	#	87
34) 2,2-DICHLOROPROPANE	2.829	77	3078m	0.80	UG/L		
35) ETHYL ACETATE	2.948	43	3613m	0.77	UG/L		
38) BROMOCHLOROMETHANE	3.082	49	1842	0.50	UG/L		99
40) CHLOROFORM	3.183	83	4337m	0.52	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.339	97	4131m	0.66	UG/L		
42) CYCLOHEXANE	3.411	56	7013	1.09	UG/L	#	71
43) CARBON TETRACHLORIDE	3.509	117	2246m	0.52	UG/L		
44) 1,1-DICHLOROPROPENE	3.517	75	3200	0.50	UG/L	#	83
45) BENZENE	3.727	78	8735	0.48	UG/L	#	87
47) T-AMYLMETHYL ETHER	3.872	73	6089	0.53	UG/L	#	68
50) 1,2-DICHLOROETHANE	3.757	62	4040	0.58	UG/L	#	77
51) TRICHLOROETHENE	4.390	95	2336	0.48	UG/L	#	56
52) METHYLCYCLOHEXANE	4.574	83	3062	0.48	UG/L	#	41
53) 1,2-DICHLOROPROPANE	4.613	63	2144m	0.44	UG/L		
54) DIBROMOMETHANE	4.728	93	1726	0.52	UG/L	#	75
57) BROMODICHLOROMETHANE	4.898	83	2786m	0.43	UG/L		
58) 2-CHLOROETHYLVINYLETHER	5.246	63	10268	4.62	UG/L		87
59) MIBK	5.539	43	18777	4.80	UG/L	#	67
60) CIS-1,3-DICHLOROPROPENE	5.361	75	3250	0.48	UG/L	#	52

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234004.D
Acq On : 22 Aug 2011 12:23 pm
Operator :
Sample : 8260 STD 0.5 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 13:51:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

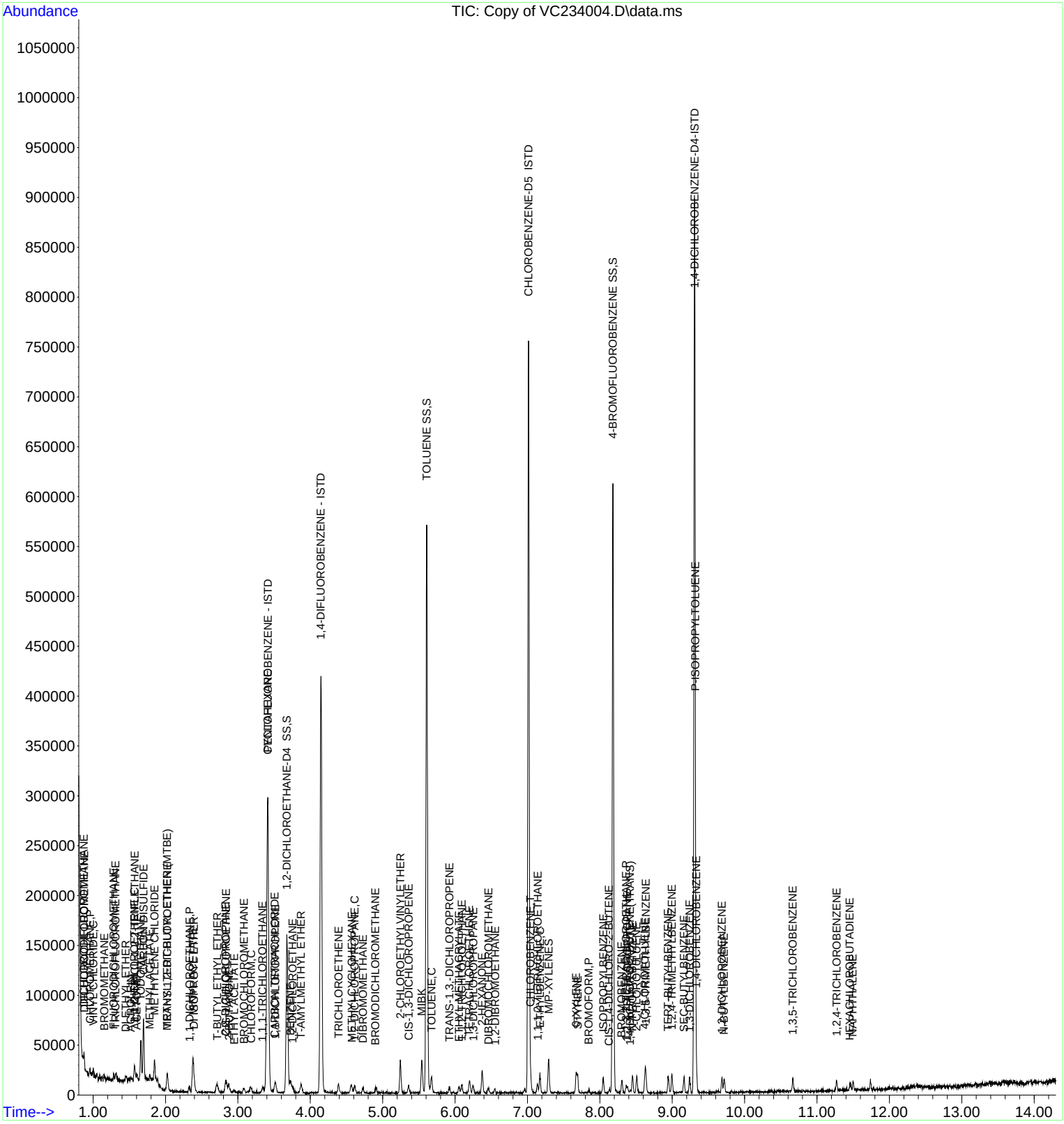
Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
61) TOLUENE	5.676	91	9389	0.46 UG/L		95
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	2631	0.50 UG/L		96
63) ETHYL METHACRYLATE	6.055	69	2661m	0.49 UG/L		
64) 1,1,2-TRICHLOROETHANE	6.091	97	2064	0.45 UG/L	#	81
65) 2-HEXANONE	6.373	43	12457	4.96 UG/L		88
66) TETRACHLOROETHENE	6.197	166	2686	0.49 UG/L		94
67) 1,3-DICHLOROPROPANE	6.253	76	3465	0.49 UG/L		96
68) DIBROMOCHLOROMETHANE	6.462	129	2029	0.41 UG/L		98
69) 1,2-DIBROMOETHANE	6.554	107	2235	0.50 UG/L		93
72) CHLOROBENZENE	7.039	112	6136	0.37 UG/L		95
73) 1,1,1,2-TETRACHLOROETHANE	7.143	131	1878	0.34 UG/L		94
74) ETHYLBENZENE	7.173	91	10812	0.40 UG/L		92
75) M/P-XYLENES	7.293	91	16549	0.82 UG/L	#	100
76) 0-XYLENE	7.672	91	9213	0.43 UG/L		96
77) STYRENE	7.695	104	6364	0.36 UG/L	#	85
78) BROMOFORM	7.848	173	1124	0.25 UG/L	#	96
79) ISOPROPYLBENZENE	8.049	105	8217	0.37 UG/L		96
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	563	0.44 UG/L		84
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	2542	0.37 UG/L	#	61
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	533	0.38 UG/L	#	25
83) BROMOBENZENE	8.300	77	4178	0.39 UG/L		91
84) 1,2,3-TRICHLOROPROPANE	8.381	75	2037	0.40 UG/L	#	39
85) N-PROPYLBENZENE	8.450	91	11096	0.40 UG/L		95
86) 2-CHLOROT0LUENE	8.509	91	7843	0.42 UG/L		92
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	8181	0.39 UG/L		93
88) 4-CHLOROTOLUENE	8.621	91	8595	0.41 UG/L		97
90) TERT-BUTYLBENZENE	8.941	119	6428	0.40 UG/L	#	82
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	8332	0.41 UG/L		96
92) SEC-BUTYLBENZENE	9.164	105	9213	0.41 UG/L		100
93) 1,3-DICHLOROBENZENE	9.240	146	5142	0.39 UG/L		98
94) P-ISOPROPYLTOLUENE	9.321	119	7371	0.41 UG/L	#	73
95) 1,4-DICHLOROBENZENE	9.332	146	5302	0.38 UG/L	#	74
96) N-BUTYLBENZENE	9.714	91	6217	0.40 UG/L	#	69
97) 1,2-DICHLOROBENZENE	9.686	146	5256	0.41 UG/L		99
99) 1,3,5-TRICHLOROBENZENE	10.665	180	3579	0.44 UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.273	180	2656	1.23 UG/L		92
101) HEXACHLOROBUTADIENE	11.454	225	1629m	0.57 UG/L		
102) NAPHTHALENE	11.496	128	4557m	3.52 UG/L		
103) 1,2,3-TRICHLOROBENZENE	11.738	180	2088	Below Cal		91

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234004.D
Acq On : 22 Aug 2011 12:23 pm
Operator :
Sample : 8260 STD 0.5 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 13:51:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234005.D
Acq On : 22 Aug 2011 12:53 pm
Operator :
Sample : 8260 STD 1.0 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 13:53:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	198267	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.150	114	299788	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	183726	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	196245	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	102255	31.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.08%				
49) TOLUENE SS	5.609	98	290583	24.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.60%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	153233	26.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.28%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	6660	1.54	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.879	51	7230	1.31	UG/L	#	89
5) CHLOROMETHANE	0.957	50	5116	4.20	UG/L		99
6) VINYL CHLORIDE	1.005	62	5023	1.43	UG/L	#	86
7) BROMOMETHANE	1.153	94	3374	1.55	UG/L		84
8) CHLOROETHANE	1.194	64	2249	1.40	UG/L	#	77
9) FLUORODICHLOROMETHANE	1.284	67	8534	1.63	UG/L		90
10) TRICHLOROFLUOROMETHANE	1.311	101	6996	1.65	UG/L		99
12) DI ETHYL ETHER	1.454	59	3092	1.32	UG/L		88
13) ACROLEIN	1.523	56	4448	12.94	UG/L		98
14) ACETONE	1.607	43	10622	13.13	UG/L		97
15) 1,1-DICHLOROETHENE	1.574	61	6465	1.35	UG/L	#	91
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	3648	1.29	UG/L		95
17) IODOMETHANE	1.657	142	53567	12.26	UG/L	#	100
20) METHYL ACETATE	1.788	43	5876	1.27	UG/L	#	88
21) T-BUTYL ALCOHOL	1.931	59	3803m	22.67	UG/L		
22) ACRYLONITRILE	2.011	53	1820m	1.57	UG/L		
23) METHYLENE CHLORIDE	1.847	49	9113	2.29	UG/L		97
24) CARBON DISULFIDE	1.694	76	107137	11.42	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	12925	1.39	UG/L		92
26) TRANS 1,2-DICHLOROETHENE	2.023	61	6288	1.42	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	8802	1.22	UG/L	#	98
28) VINYL ACETATE	2.377	43	84962	12.64	UG/L	#	100
29) DI ISOPROYL ETHER	2.385	45	14866	1.08	UG/L		98
31) 2-BUTANONE	2.870	43	18127	10.90	UG/L	#	59
32) T-BUTYL ETHYL ETHER	2.709	59	15242	1.17	UG/L	#	87
33) CIS-1,2-DICHLOROETHENE	2.834	61	8112	1.14	UG/L		89
34) 2,2-DICHLOROPROPANE	2.828	77	6135	1.63	UG/L	#	50
35) ETHYL ACETATE	2.940	43	6353	1.39	UG/L	#	69
38) BROMOCHLOROMETHANE	3.079	49	4060	1.12	UG/L	#	66
40) CHLOROFORM	3.177	83	9504	1.18	UG/L		96
41) 1,1,1-TRICHLOROETHANE	3.350	97	8126	1.33	UG/L	#	66
42) CYCLOHEXANE	3.389	56	10423m	1.66	UG/L		
43) CARBON TETRACHLORIDE	3.509	117	4284m	1.02	UG/L		
44) 1,1-DICHLOROPROPENE	3.523	75	6964	1.11	UG/L	#	90
45) BENZENE	3.729	78	17720	0.99	UG/L	#	93
47) T-AMYLMETHYL ETHER	3.869	73	12517m	1.11	UG/L		
50) 1,2-DICHLOROETHANE	3.760	62	7903	1.15	UG/L	#	77
51) TRICHLOROETHENE	4.390	95	5052	1.04	UG/L		92
52) METHYLCYCLOHEXANE	4.566	83	6078	0.95	UG/L		90
53) 1,2-DICHLOROPROPANE	4.616	63	4773m	0.99	UG/L		
54) DIBROMOMETHANE	4.728	93	3334	1.00	UG/L	#	76
57) BROMODICHLOROMETHANE	4.912	83	6523	1.01	UG/L	#	97

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234005.D
Acq On : 22 Aug 2011 12:53 pm
Operator :
Sample : 8260 STD 1.0 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 13:53:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

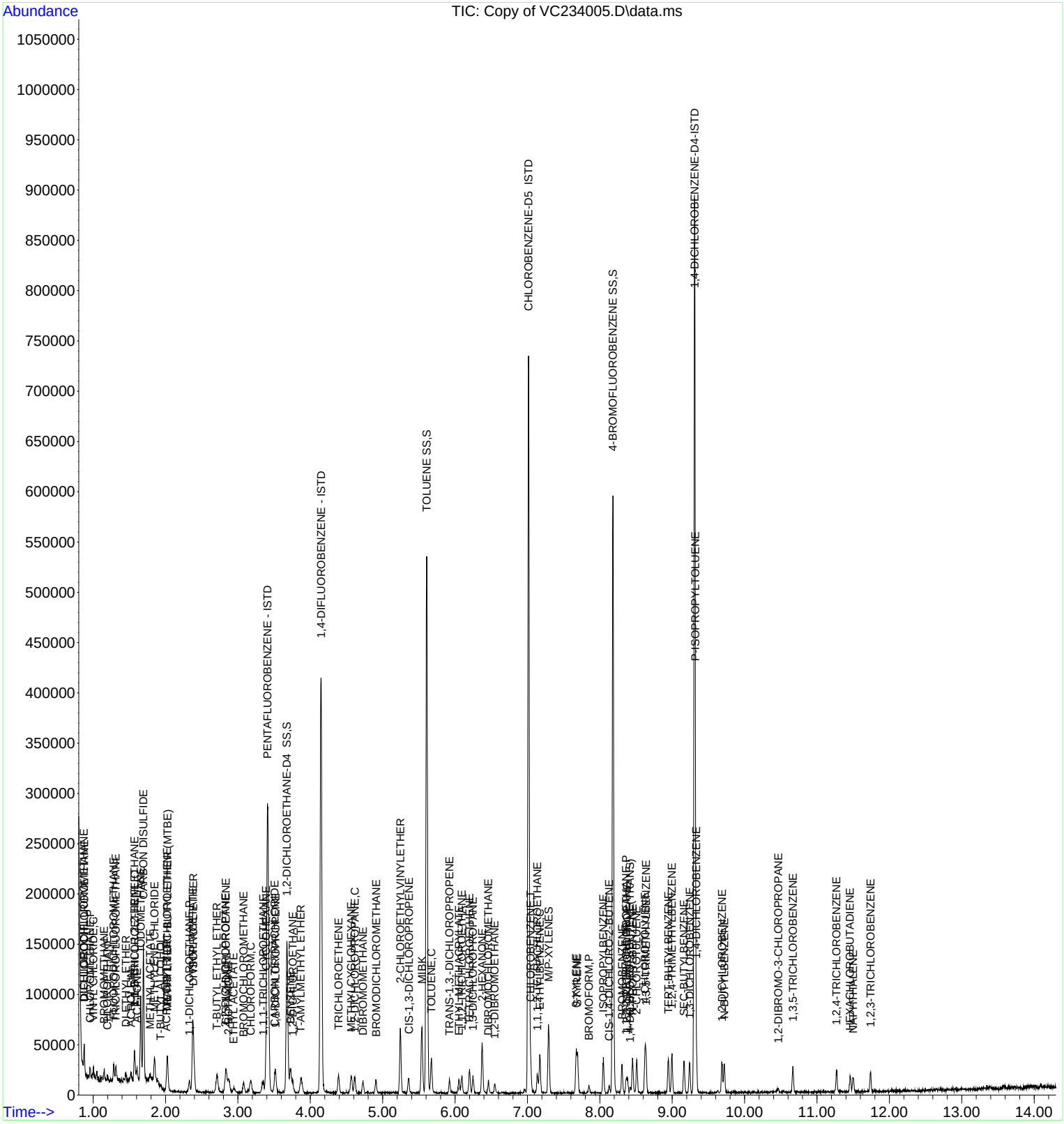
Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
58) 2-CHLOROETHYLVINYLETHER	5.243	63	21658	9.77 UG/L		94
59) MIBK	5.545	43	38410	9.86 UG/L	#	86
60) CIS-1,3-DICHLOROPROPENE	5.363	75	6160	0.91 UG/L		98
61) TOLUENE	5.673	91	19489	0.95 UG/L		95
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	5305	1.02 UG/L		95
63) ETHYL METHACRYLATE	6.055	69	5334	0.98 UG/L	#	81
64) 1,1,2-TRICHLOROETHANE	6.094	97	4295	0.95 UG/L		95
65) 2-HEXANONE	6.376	43	26512	10.60 UG/L		85
66) TETRACHLOROETHENE	6.200	166	5755	1.06 UG/L		93
67) 1,3-DICHLOROPROPANE	6.247	76	6690	0.94 UG/L		93
68) DIBROMOCHLOROMETHANE	6.459	129	4345	0.88 UG/L		96
69) 1,2-DIBROMOETHANE	6.546	107	4906	1.10 UG/L		92
72) CHLOROBENZENE	7.042	112	12798	0.79 UG/L		92
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	4108	0.77 UG/L		96
74) ETHYLBENZENE	7.170	91	23138	0.88 UG/L		91
75) M/P-XYLENES	7.293	91	34424	1.75 UG/L	#	100
76) 0-XYLENE	7.672	91	17766	0.84 UG/L		95
77) STYRENE	7.689	104	14170	0.81 UG/L		91
78) BROMOFORM	7.851	173	2868	0.65 UG/L	#	86
79) ISOPROPYLBENZENE	8.049	105	17852	0.83 UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	1289	1.04 UG/L	#	57
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	5322	0.79 UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	1193	0.86 UG/L	#	25
83) BROMOBENZENE	8.308	77	8759	0.84 UG/L		93
84) 1,2,3-TRICHLOROPROPANE	8.378	75	4572	0.92 UG/L		90
85) N-PROPYLBENZENE	8.453	91	22544	0.82 UG/L		96
86) 2-CHLOROT0LUENE	8.509	91	14629	0.81 UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	16295	0.81 UG/L		93
88) 4-CHLOROTOLUENE	8.623	91	16979	0.84 UG/L		96
90) TERT-BUTYLBENZENE	8.947	119	14304	0.94 UG/L		86
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	17298	0.89 UG/L		94
92) SEC-BUTYLBENZENE	9.161	105	18348	0.85 UG/L		98
93) 1,3-DICHLOROBENZENE	9.242	146	10438	0.83 UG/L		98
94) P-ISOPROPYLTOLUENE	9.320	119	14865	0.86 UG/L	#	89
95) 1,4-DICHLOROBENZENE	9.332	146	11149	0.84 UG/L	#	92
96) N-BUTYLBENZENE	9.722	91	14090	0.96 UG/L		91
97) 1,2-DICHLOROBENZENE	9.689	146	9903	0.81 UG/L	#	93
98) 1,2-DIBROMO-3-CHLOROPR...	10.467	75	691m	0.82 UG/L		
99) 1,3,5-TRICHLOROBENZENE	10.667	180	6699	0.86 UG/L		95
100) 1,2,4-TRICHLOROBENZENE	11.270	180	5490	1.63 UG/L		87
101) HEXACHLOROBUTADIENE	11.457	225	3174	1.16 UG/L	#	84
102) NAPHTHALENE	11.501	128	10255	3.90 UG/L	#	92
103) 1,2,3-TRICHLOROBENZENE	11.741	180	5345	0.27 UG/L		88

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234005.D
Acq On : 22 Aug 2011 12:53 pm
Operator :
Sample : 8260 STD 1.0 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 13:53:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234006.D
Acq On : 22 Aug 2011 1:23 pm
Operator :
Sample : 8260 STD 2.0 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 13:56:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	202009	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	307181	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	190771	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	208555	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	104736	31.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.72%				
49) TOLUENE SS	5.609	98	309177	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	156884	25.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	13650	3.09	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	14462	2.57	UG/L		92
5) CHLOROMETHANE	0.955	50	10004	5.20	UG/L		97
6) VINYL CHLORIDE	1.005	62	10307	2.88	UG/L	#	87
7) BROMOMETHANE	1.150	94	6338	2.85	UG/L		97
8) CHLOROETHANE	1.197	64	5369	3.29	UG/L		91
9) FLUORODICHLOROMETHANE	1.284	67	16699	3.13	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.311	101	14126	3.28	UG/L		97
12) DI ETHYL ETHER	1.454	59	5283	2.21	UG/L		96
13) ACROLEIN	1.523	56	7818	22.33	UG/L		100
14) ACETONE	1.604	43	23002	27.90	UG/L		90
15) 1,1-DICHLOROETHENE	1.574	61	12742	2.62	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	7559	2.62	UG/L		99
17) IODOMETHANE	1.657	142	115235	25.88	UG/L	#	100
20) METHYL ACETATE	1.791	43	12074	2.57	UG/L	#	81
21) T-BUTYL ALCOHOL	1.931	59	7647	44.74	UG/L	#	83
22) ACRYLONITRILE	2.017	53	3670m	3.11	UG/L		
23) METHYLENE CHLORIDE	1.850	49	13502	3.33	UG/L		98
24) CARBON DISULFIDE	1.696	76	220591	23.07	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	28028	2.96	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.025	61	13055	2.90	UG/L		94
27) 1,1-DICHLOROETHANE	2.332	63	17040	2.32	UG/L		99
28) VINYL ACETATE	2.380	43	175781	25.67	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	30593	2.17	UG/L		96
31) 2-BUTANONE	2.873	43	37835	22.34	UG/L	#	97
32) T-BUTYL ETHYL ETHER	2.711	59	32057	2.42	UG/L	#	90
33) CIS-1,2-DICHLOROETHENE	2.837	61	15871	2.18	UG/L		99
34) 2,2-DICHLOROPROPANE	2.828	77	12200	3.17	UG/L		91
35) ETHYL ACETATE	2.943	43	11073	2.38	UG/L	#	90
38) BROMOCHLOROMETHANE	3.082	49	8116	2.20	UG/L	#	81
39) TETRAHYDROFURAN	3.141	42	2659m	2.30	UG/L		
40) CHLOROFORM	3.180	83	19237	2.34	UG/L		96
41) 1,1,1-TRICHLOROETHANE	3.339	97	15924	2.56	UG/L	#	88
42) CYCLOHEXANE	3.400	56	16292m	2.54	UG/L		
43) CARBON TETRACHLORIDE	3.509	117	9300	2.18	UG/L		96
44) 1,1-DICHLOROPROPENE	3.514	75	13728	2.16	UG/L	#	80
45) BENZENE	3.726	78	36403	2.00	UG/L	#	84
47) T-AMYLMETHYL ETHER	3.871	73	25913	2.25	UG/L		95
50) 1,2-DICHLOROETHANE	3.760	62	16240	2.30	UG/L		97
51) TRICHLOROETHENE	4.390	95	10298	2.08	UG/L		92
52) METHYLCYCLOHEXANE	4.563	83	13128	2.00	UG/L		92
53) 1,2-DICHLOROPROPANE	4.610	63	9204	1.87	UG/L	#	95
54) DIBROMOMETHANE	4.725	93	7049	2.07	UG/L		93

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234006.D
Acq On : 22 Aug 2011 1:23 pm
Operator :
Sample : 8260 STD 2.0 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 13:56:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

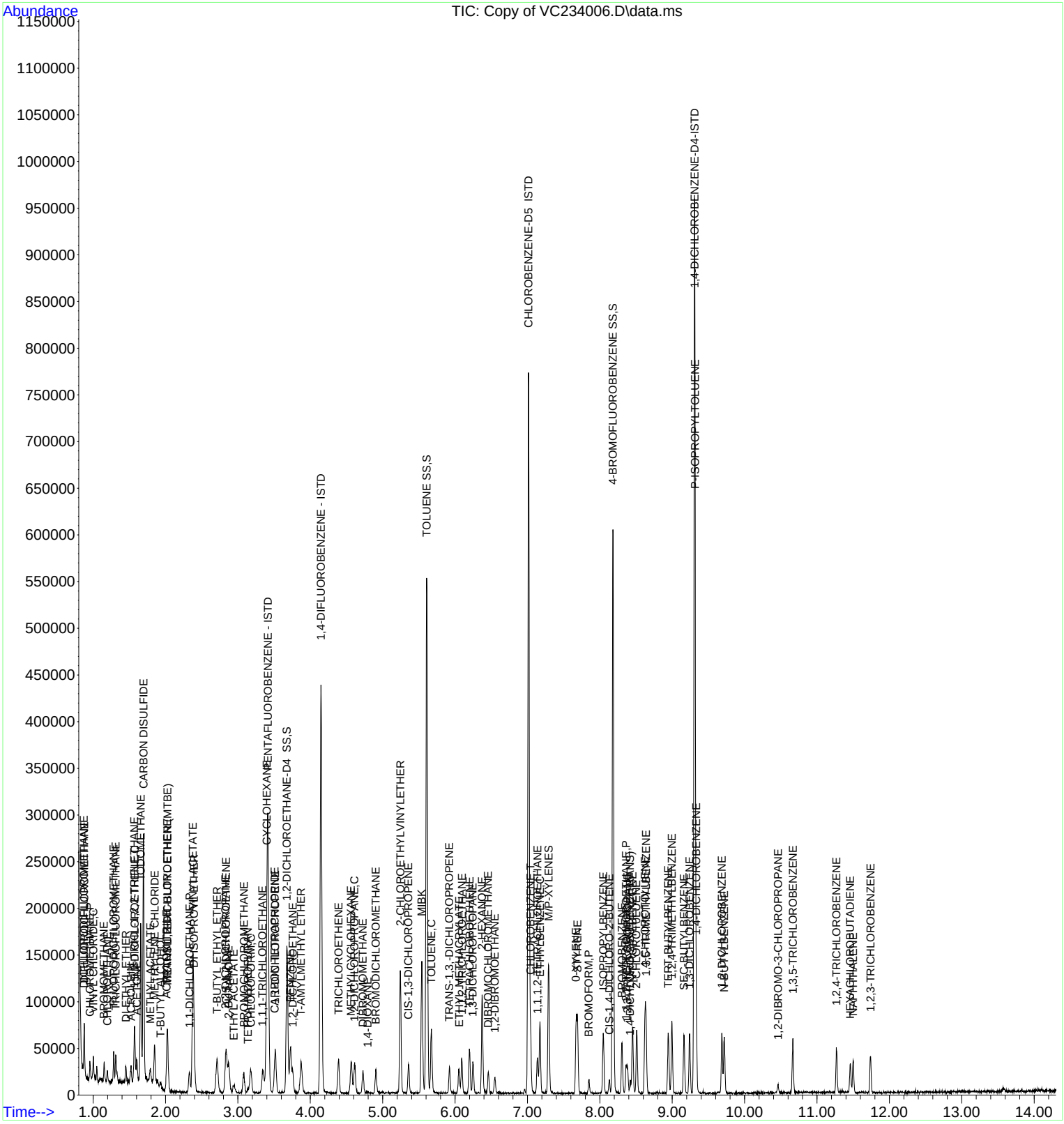
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.792	88	744m	22.79	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	13133	1.98	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.243	63	46881	20.65	UG/L		100
59) MIBK	5.539	43	81309	20.37	UG/L	#	85
60) CIS-1,3-DICHLOROPROPENE	5.355	75	14571	2.09	UG/L		98
61) TOLUENE	5.673	91	38875	1.86	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	11469	2.15	UG/L		95
63) ETHYL METHACRYLATE	6.058	69	11110	2.00	UG/L		97
64) 1,1,2-TRICHLOROETHANE	6.094	97	8757	1.89	UG/L		99
65) 2-HEXANONE	6.373	43	56443	22.02	UG/L		88
66) TETRACHLOROETHENE	6.203	166	11308	2.04	UG/L		93
67) 1,3-DICHLOROPROPANE	6.245	76	14559	2.00	UG/L		99
68) DIBROMOCHLOROMETHANE	6.457	129	8774	1.74	UG/L		99
69) 1,2-DIBROMOETHANE	6.549	107	9553	2.09	UG/L		98
72) CHLOROBENZENE	7.042	112	26494	1.58	UG/L		96
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	8336	1.51	UG/L		99
74) ETHYLBENZENE	7.173	91	44617	1.63	UG/L		93
75) M/P-XYLENES	7.293	91	70788	3.47	UG/L	#	100
76) 0-XYLENE	7.670	91	36836	1.69	UG/L		95
77) STYRENE	7.692	104	27967	1.55	UG/L		88
78) BROMOFORM	7.848	173	5234	1.15	UG/L	#	93
79) ISOPROPYLBENZENE	8.049	105	35550	1.59	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.132	53	2563m	2.00	UG/L		
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	11164	1.60	UG/L	#	98
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	2469	1.72	UG/L		97
83) BROMOBENZENE	8.305	77	18047	1.67	UG/L		97
84) 1,2,3-TRICHLOROPROPANE	8.383	75	8712	1.69	UG/L		99
85) N-PROPYLBENZENE	8.453	91	46653	1.64	UG/L		94
86) 2-CHLOROT0LUENE	8.506	91	32339	1.72	UG/L		95
87) 1,3,5-TRIMETHYLBENZENE	8.640	105	34425	1.64	UG/L		93
88) 4-CHLOROTOLUENE	8.623	91	35224	1.67	UG/L		96
90) TERT-BUTYLBENZENE	8.944	119	27093	1.67	UG/L		94
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	34926	1.69	UG/L		97
92) SEC-BUTYLBENZENE	9.161	105	36879	1.61	UG/L		100
93) 1,3-DICHLOROBENZENE	9.240	146	22644	1.70	UG/L		96
94) P-ISOPROPYLTOLUENE	9.318	119	31746	1.73	UG/L	#	93
95) 1,4-DICHLOROBENZENE	9.332	146	22798	1.62	UG/L	#	91
96) N-BUTYLBENZENE	9.719	91	28681	1.84	UG/L		97
97) 1,2-DICHLOROBENZENE	9.686	146	21136	1.62	UG/L		95
98) 1,2-DIBROMO-3-CHLOROPR...	10.464	75	1534	1.72	UG/L	#	72
99) 1,3,5-TRICHLOROBENZENE	10.667	180	15255	1.85	UG/L		97
100) 1,2,4-TRICHLOROBENZENE	11.270	180	11931	2.40	UG/L		99
101) HEXACHLOROBUTADIENE	11.459	225	6273	2.17	UG/L	#	84
102) NAPHTHALENE	11.501	128	21863	4.58	UG/L	#	96
103) 1,2,3-TRICHLOROBENZENE	11.741	180	10878	1.15	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234006.D
Acq On : 22 Aug 2011 1:23 pm
Operator :
Sample : 8260 STD 2.0 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 13:56:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234007.D
Acq On : 22 Aug 2011 1:53 pm
Operator :
Sample : 8260 STD 5.0 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 22 14:16:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	198922	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	303268	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	191149	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	205446	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	106287	32.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.56%				
49) TOLUENE SS	5.609	98	302059	25.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	152535	25.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	34797	8.00	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.879	51	35452	6.41	UG/L	#	90
5) CHLOROMETHANE	0.954	50	24174	8.23	UG/L		95
6) VINYL CHLORIDE	1.002	62	26468	7.51	UG/L		97
7) BROMOMETHANE	1.152	94	15937	7.27	UG/L		90
8) CHLOROETHANE	1.194	64	12795	7.96	UG/L		97
9) FLUORODICHLOROMETHANE	1.286	67	39166	7.45	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.314	101	35003	8.24	UG/L		100
12) DI ETHYL ETHER	1.451	59	13640	5.79	UG/L		94
13) ACROLEIN	1.521	56	19910	57.75	UG/L		88
14) ACETONE	1.604	43	52462	64.63	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	31604	6.59	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	17817	6.28	UG/L		94
17) IODOMETHANE	1.657	142	304561	69.46	UG/L	#	100
20) METHYL ACETATE	1.786	43	27496	5.94	UG/L		99
21) T-BUTYL ALCOHOL	1.928	59	18112	107.62	UG/L	#	97
22) ACRYLONITRILE	2.017	53	7789	6.71	UG/L		95
23) METHYLENE CHLORIDE	1.850	49	29765	7.44	UG/L		97
24) CARBON DISULFIDE	1.696	76	560861	59.56	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	72011	7.74	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	33004	7.44	UG/L		94
27) 1,1-DICHLOROETHANE	2.329	63	42353	5.85	UG/L		99
28) VINYL ACETATE	2.377	43	446261	66.19	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	75700	5.46	UG/L		98
31) 2-BUTANONE	2.873	43	94161	56.45	UG/L		97
32) T-BUTYL ETHYL ETHER	2.714	59	81459	6.24	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	40679	5.68	UG/L		91
34) 2,2-DICHLOROPROPANE	2.837	77	29525	7.80	UG/L		97
35) ETHYL ACETATE	2.940	43	24522	5.35	UG/L	#	90
38) BROMOCHLOROMETHANE	3.082	49	20007	5.50	UG/L		97
39) TETRAHYDROFURAN	3.138	42	5707	5.01	UG/L	#	72
40) CHLOROFORM	3.177	83	48666	6.00	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	41633	6.79	UG/L		98
42) CYCLOHEXANE	3.389	56	36948	5.86	UG/L		97
43) CARBON TETRACHLORIDE	3.514	117	27208	6.49	UG/L		98
44) 1,1-DICHLOROPROPENE	3.514	75	34769	5.55	UG/L		97
45) BENZENE	3.724	78	92828	5.18	UG/L		97
47) T-AMYLMETHYL ETHER	3.874	73	65486	5.76	UG/L		97
50) 1,2-DICHLOROETHANE	3.757	62	40381	5.79	UG/L		98
51) TRICHLOROETHENE	4.387	95	27024	5.52	UG/L		91
52) METHYLCYCLOHEXANE	4.566	83	32682	5.05	UG/L		93
53) 1,2-DICHLOROPROPANE	4.616	63	23292	4.78	UG/L	#	93
54) DIBROMOMETHANE	4.728	93	17477	5.20	UG/L		93

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234007.D
Acq On : 22 Aug 2011 1:53 pm
Operator :
Sample : 8260 STD 5.0 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 22 14:16:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

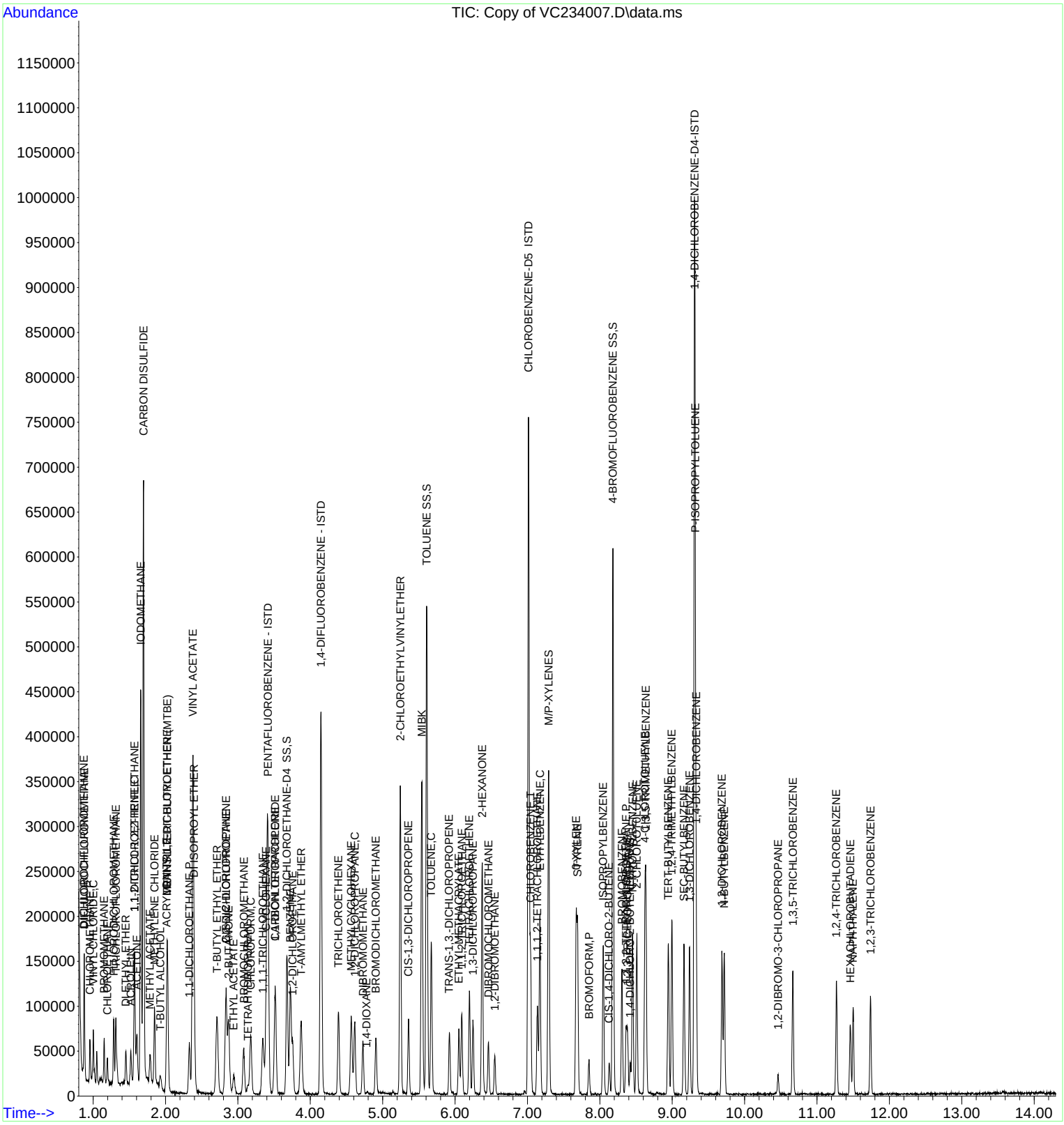
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,4-DIOXANE	4.775	88	1324m	41.07	UG/L		
57)	BROMODICHLOROMETHANE	4.906	83	34132	5.21	UG/L		100
58)	2-CHLOROETHYLVINYLETHER	5.243	63	118279	52.76	UG/L		97
59)	MIBK	5.542	43	204616	51.92	UG/L	#	83
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	35463	5.16	UG/L		99
61)	TOLUENE	5.670	91	99904	4.83	UG/L		98
62)	TRANS-1,3,-DICHLOROPRO...	5.918	75	30066	5.70	UG/L		96
63)	ETHYL METHACRYLATE	6.052	69	27220	4.96	UG/L		95
64)	1,1,2-TRICHLOROETHANE	6.094	97	22411	4.90	UG/L		95
65)	2-HEXANONE	6.376	43	141994	56.11	UG/L		86
66)	TETRACHLOROETHENE	6.197	166	27330	4.99	UG/L		98
67)	1,3-DICHLOROPROPANE	6.247	76	35483	4.94	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.462	129	24047	4.83	UG/L		97
69)	1,2-DIBROMOETHANE	6.548	107	23484	5.21	UG/L		96
72)	CHLOROBENZENE	7.042	112	66307	3.95	UG/L		92
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	22268	4.02	UG/L		94
74)	ETHYLBENZENE	7.173	91	116075	4.22	UG/L		94
75)	M/P-XYLENES	7.293	91	183183	8.95	UG/L	#	100
76)	0-XYLENE	7.672	91	90684	4.14	UG/L		95
77)	STYRENE	7.692	104	70900	3.92	UG/L		90
78)	BROMOFORM	7.854	173	15009	3.29	UG/L		97
79)	ISOPROPYLBENZENE	8.046	105	90509	4.04	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.124	53	6289	4.89	UG/L	#	86
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	27301	3.90	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	6334	4.40	UG/L		100
83)	BROMOBENZENE	8.305	77	44813	4.14	UG/L		96
84)	1,2,3-TRICHLOROPROPANE	8.383	75	21977	4.24	UG/L		98
85)	N-PROPYLBENZENE	8.453	91	120727	4.24	UG/L		93
86)	2-CHLOROT0LUENE	8.512	91	78445	4.16	UG/L		95
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	86338	4.11	UG/L		98
88)	4-CHLOROTOLUENE	8.623	91	92295	4.38	UG/L		93
90)	TERT-BUTYLBENZENE	8.944	119	69460	4.34	UG/L		90
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	89098	4.37	UG/L		96
92)	SEC-BUTYLBENZENE	9.164	105	95797	4.25	UG/L		98
93)	1,3-DICHLOROBENZENE	9.240	146	55311	4.22	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.320	119	78791	4.35	UG/L	#	93
95)	1,4-DICHLOROBENZENE	9.332	146	57345	4.13	UG/L		96
96)	N-BUTYLBENZENE	9.719	91	72825	4.74	UG/L		95
97)	1,2-DICHLOROBENZENE	9.686	146	53730	4.18	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.464	75	4235	4.81	UG/L		83
99)	1,3,5-TRICHLOROBENZENE	10.667	180	36404	4.48	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.267	180	34062	5.26	UG/L		97
101)	HEXACHLOROBUTADIENE	11.462	225	14512	5.08	UG/L		96
102)	NAPHTHALENE	11.498	128	60576	7.01	UG/L	#	98
103)	1,2,3-TRICHLOROBENZENE	11.741	180	28177	4.15	UG/L		97

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234007.D
Acq On : 22 Aug 2011 1:53 pm
Operator :
Sample : 8260 STD 5.0 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 22 14:16:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234008.D
Acq On : 22 Aug 2011 2:23 pm
Operator :
Sample : 8260 STD 10 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 14:56:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	198093	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	307246	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	191816	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	202155	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	104099	31.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 127.44%				
49) TOLUENE SS	5.609	98	299996	24.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.32%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	154143	25.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.44%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	70660	16.32	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.879	51	73572	13.35	UG/L		94
5) CHLOROMETHANE	0.955	50	51100	13.98	UG/L		97
6) VINYL CHLORIDE	1.002	62	54443	15.52	UG/L		99
7) BROMOMETHANE	1.153	94	32312	14.81	UG/L		98
8) CHLOROETHANE	1.194	64	23756	14.85	UG/L		96
9) FLUORODICHLOROMETHANE	1.286	67	81391	15.55	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	72969	17.26	UG/L		97
12) DI ETHYL ETHER	1.451	59	27649	11.78	UG/L		99
13) ACROLEIN	1.521	56	39068	113.78	UG/L		98
14) ACETONE	1.604	43	107195	132.61	UG/L		94
15) 1,1-DICHLOROETHENE	1.574	61	64812	13.58	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	36530	12.92	UG/L		97
17) IODOMETHANE	1.657	142	642060	147.04	UG/L	#	100
20) METHYL ACETATE	1.788	43	59835	12.98	UG/L		98
21) T-BUTYL ALCOHOL	1.928	59	37282	222.46	UG/L	#	100
22) ACRYLONITRILE	2.011	53	16152	13.98	UG/L		99
23) METHYLENE CHLORIDE	1.850	49	57509	14.44	UG/L		96
24) CARBON DISULFIDE	1.694	76	1170730	124.85	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	151067	16.30	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.023	61	70091	15.87	UG/L		94
27) 1,1-DICHLOROETHANE	2.327	63	90290	12.53	UG/L		99
28) VINYL ACETATE	2.377	43	946150	140.92	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	165070	11.95	UG/L		99
31) 2-BUTANONE	2.873	43	190844	114.89	UG/L		97
32) T-BUTYL ETHYL ETHER	2.711	59	170429	13.12	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	84572	11.87	UG/L		91
34) 2,2-DICHLOROPROPANE	2.829	77	63839	16.94	UG/L		96
35) ETHYL ACETATE	2.940	43	49271	10.79	UG/L	#	92
38) BROMOCHLOROMETHANE	3.077	49	40811	11.26	UG/L		98
39) TETRAHYDROFURAN	3.132	42	11862	10.46	UG/L		97
40) CHLOROFORM	3.177	83	100643	12.46	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.344	97	88458	14.49	UG/L		97
42) CYCLOHEXANE	3.392	56	70346	11.20	UG/L		98
43) CARBON TETRACHLORIDE	3.509	117	59753	14.31	UG/L		100
44) 1,1-DICHLOROPROPENE	3.520	75	69579	11.15	UG/L		97
45) BENZENE	3.726	78	193384	10.83	UG/L		98
47) T-AMYLMETHYL ETHER	3.871	73	140735	12.44	UG/L		98
50) 1,2-DICHLOROETHANE	3.754	62	86179	12.20	UG/L	#	88
51) TRICHLOROETHENE	4.390	95	55036	11.09	UG/L		91
52) METHYLCYCLOHEXANE	4.566	83	65120	9.93	UG/L		94
53) 1,2-DICHLOROPROPANE	4.613	63	49242	9.98	UG/L	#	95
54) DIBROMOMETHANE	4.722	93	35404	10.39	UG/L		97

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234008.D
Acq On : 22 Aug 2011 2:23 pm
Operator :
Sample : 8260 STD 10 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 14:56:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

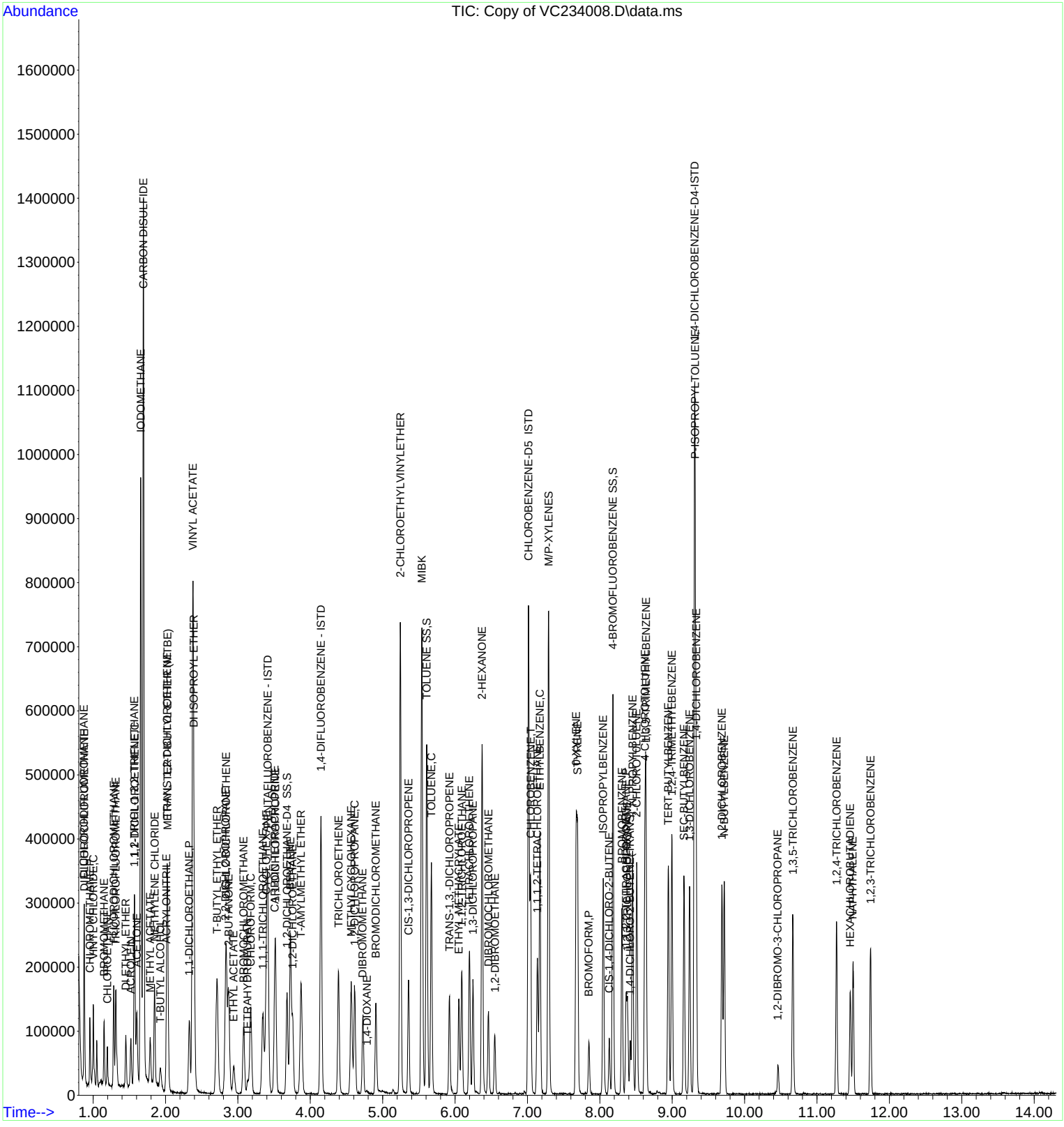
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.783	88	3844m	117.71 UG/L	
57) BROMODICHLOROMETHANE	4.906	83	73173	11.02 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.243	63	252664	111.24 UG/L	98
59) MIBK	5.542	43	423325	106.03 UG/L #	85
60) CIS-1,3-DICHLOROPROPENE	5.358	75	78865	11.32 UG/L	96
61) TOLUENE	5.673	91	209661	10.01 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	64545	12.07 UG/L	95
63) ETHYL METHACRYLATE	6.052	69	59290	10.66 UG/L	97
64) 1,1,2-TRICHLOROETHANE	6.094	97	47698	10.29 UG/L	95
65) 2-HEXANONE	6.373	43	296083	115.49 UG/L	88
66) TETRACHLOROETHENE	6.197	166	56858	10.24 UG/L	97
67) 1,3-DICHLOROPROPANE	6.247	76	74607	10.25 UG/L	99
68) DIBROMOCHLOROMETHANE	6.462	129	52154	10.35 UG/L	100
69) 1,2-DIBROMOETHANE	6.551	107	49457	10.82 UG/L	98
72) CHLOROBENZENE	7.045	112	139117	8.25 UG/L	94
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	47768	8.60 UG/L	98
74) ETHYLBENZENE	7.170	91	243063	8.82 UG/L	93
75) M/P-XYLENES	7.293	91	379483	18.48 UG/L #	100
76) 0-XYLENE	7.675	91	195133	8.89 UG/L	93
77) STYRENE	7.692	104	150026	8.26 UG/L	87
78) BROMOFORM	7.848	173	31891	6.96 UG/L #	99
79) ISOPROPYLBENZENE	8.046	105	187114	8.33 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	13775	10.68 UG/L #	86
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	58741	8.37 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	14616	10.12 UG/L	94
83) BROMOBENZENE	8.305	77	93397	8.59 UG/L	98
84) 1,2,3-TRICHLOROPROPANE	8.381	75	45088	8.67 UG/L	100
85) N-PROPYLBENZENE	8.453	91	256140	8.96 UG/L	93
86) 2-CHLOROT0LUENE	8.509	91	164080	8.68 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	183409	8.70 UG/L	97
88) 4-CHLOROTOLUENE	8.623	91	189061	8.94 UG/L	94
90) TERT-BUTYLBENZENE	8.944	119	146128	9.29 UG/L	91
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	187845	9.36 UG/L	95
92) SEC-BUTYLBENZENE	9.164	105	201780	9.10 UG/L	97
93) 1,3-DICHLOROBENZENE	9.240	146	114018	8.84 UG/L	98
94) P-ISOPROPYLTOLUENE	9.318	119	166580	9.35 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	119302	8.72 UG/L	97
96) N-BUTYLBENZENE	9.719	91	156272	10.33 UG/L	95
97) 1,2-DICHLOROBENZENE	9.686	146	113403	8.96 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	8898	10.28 UG/L #	83
99) 1,3,5-TRICHLOROBENZENE	10.667	180	78134	9.77 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.273	180	69998	10.02 UG/L	99
101) HEXACHLOROBUTADIENE	11.459	225	29972	10.67 UG/L	94
102) NAPHTHALENE	11.496	128	134931	11.80 UG/L	98
103) 1,2,3-TRICHLOROBENZENE	11.741	180	61865	10.13 UG/L	97

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234008.D
Acq On : 22 Aug 2011 2:23 pm
Operator :
Sample : 8260 STD 10 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 14:56:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234009.D
Acq On : 22 Aug 2011 2:53 pm
Operator :
Sample : 8260 STD 20 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 15:10:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	197205	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	303938	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	185029	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	199796	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	105163	32.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 129.32%				
49) TOLUENE SS	5.609	98	302245	25.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	155100	26.45	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	141999	32.94	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	151527	27.62	UG/L		95
5) CHLOROMETHANE	0.955	50	105634	25.67	UG/L		98
6) VINYL CHLORIDE	1.002	62	107832	30.88	UG/L		100
7) BROMOMETHANE	1.150	94	63697	29.33	UG/L		98
8) CHLOROETHANE	1.194	64	48370	30.37	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	161243	30.95	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	144184	34.26	UG/L		97
12) DI ETHYL ETHER	1.454	59	56439	24.15	UG/L		96
13) ACROLEIN	1.521	56	80260	234.81	UG/L		95
14) ACETONE	1.604	43	211091	262.32	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	129897	27.34	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	73478	26.11	UG/L		97
17) IODOMETHANE	1.657	142	1298154	298.64	UG/L	#	100
20) METHYL ACETATE	1.788	43	116996	25.49	UG/L		98
21) T-BUTYL ALCOHOL	1.931	59	72583	435.04	UG/L		97
22) ACRYLONITRILE	2.011	53	32501	28.25	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	109018	27.50	UG/L		98
24) CARBON DISULFIDE	1.694	76	2335604	250.20	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	301363	32.65	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.023	61	140069	31.85	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	181298	25.28	UG/L		99
28) VINYL ACETATE	2.377	43	1931835	289.03	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	330718	24.06	UG/L		99
31) 2-BUTANONE	2.870	43	385253	232.97	UG/L		98
32) T-BUTYL ETHYL ETHER	2.711	59	345847	26.74	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	170251	24.00	UG/L		91
34) 2,2-DICHLOROPROPANE	2.834	77	133633	35.61	UG/L		96
35) ETHYL ACETATE	2.940	43	101387	22.30	UG/L		99
38) BROMOCHLOROMETHANE	3.077	49	83246	23.08	UG/L		97
39) TETRAHYDROFURAN	3.135	42	22719	20.12	UG/L		95
40) CHLOROFORM	3.180	83	204912	25.48	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	180584	29.71	UG/L		99
42) CYCLOHEXANE	3.389	56	141301	22.59	UG/L		99
43) CARBON TETRACHLORIDE	3.509	117	128538	30.92	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	144296	23.22	UG/L		96
45) BENZENE	3.726	78	389888	21.93	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	282690	25.10	UG/L		99
50) 1,2-DICHLOROETHANE	3.757	62	170606	24.42	UG/L		96
51) TRICHLOROETHENE	4.387	95	110340	22.48	UG/L		94
52) METHYLCYCLOHEXANE	4.566	83	132045	20.35	UG/L		94
53) 1,2-DICHLOROPROPANE	4.613	63	96574	19.79	UG/L	#	95
54) DIBROMOMETHANE	4.728	93	68559	20.35	UG/L		97

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234009.D
Acq On : 22 Aug 2011 2:53 pm
Operator :
Sample : 8260 STD 20 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 15:10:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

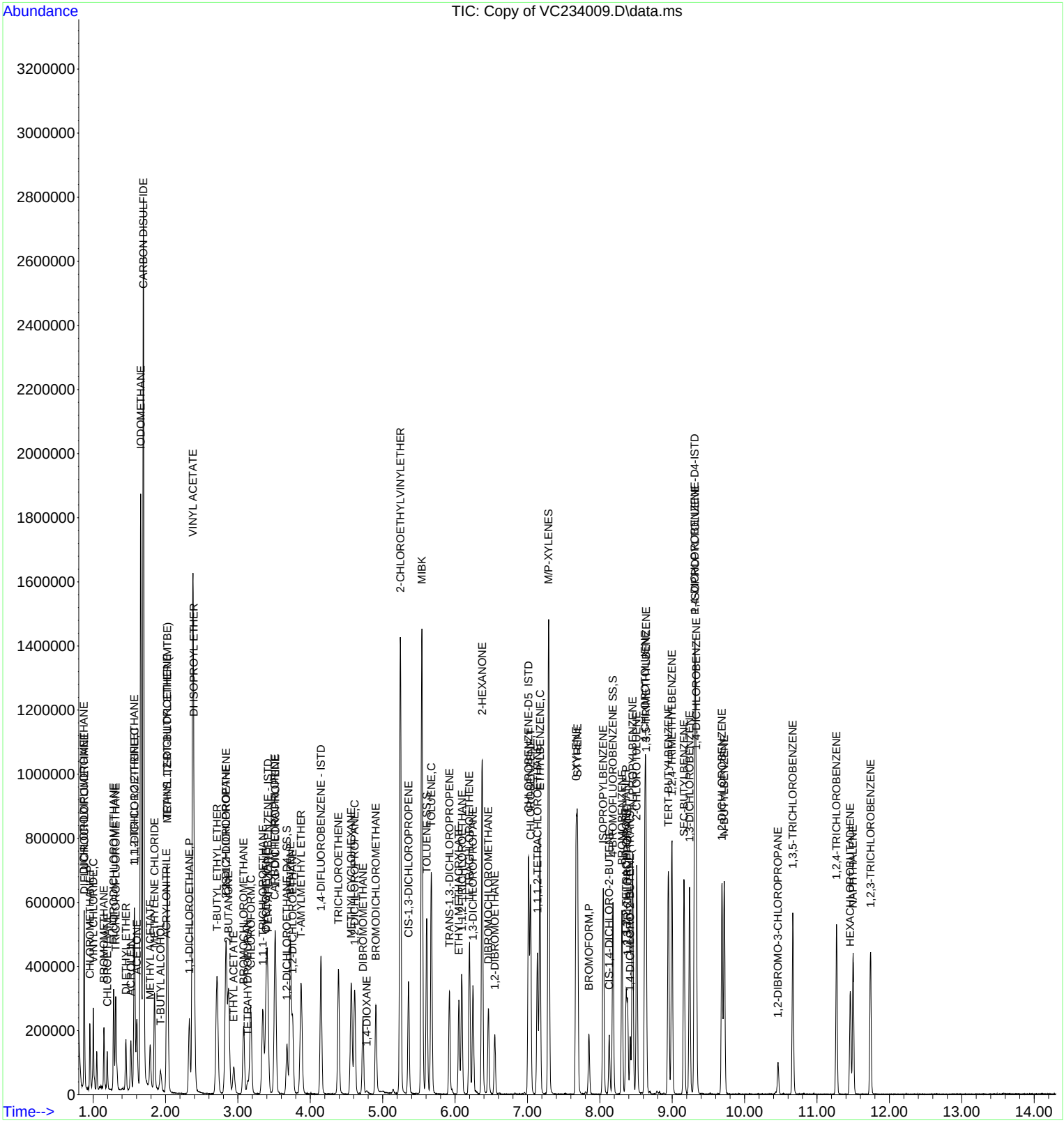
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.781	88	7404m	229.19 UG/L	
57) BROMODICHLOROMETHANE	4.906	83	151863	23.12 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.243	63	506249	225.32 UG/L	98
59) MIBK	5.542	43	837750	212.11 UG/L #	85
60) CIS-1,3-DICHLOROPROPENE	5.358	75	158328	22.98 UG/L	97
61) TOLUENE	5.670	91	417507	20.15 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	138292	26.15 UG/L	93
63) ETHYL METHACRYLATE	6.052	69	117218	21.30 UG/L	97
64) 1,1,2-TRICHLOROETHANE	6.094	97	91321	19.92 UG/L	98
65) 2-HEXANONE	6.376	43	582469	229.68 UG/L	88
66) TETRACHLOROETHENE	6.197	166	115915	21.10 UG/L	97
67) 1,3-DICHLOROPROPANE	6.247	76	152684	21.21 UG/L	99
68) DIBROMOCHLOROMETHANE	6.459	129	111857	22.43 UG/L	100
69) 1,2-DIBROMOETHANE	6.549	107	97290	21.52 UG/L	99
72) CHLOROBENZENE	7.042	112	274612	16.88 UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	98791	18.45 UG/L	99
74) ETHYLBENZENE	7.173	91	479590	18.03 UG/L	94
75) M/P-XYLENES	7.290	91	745395	37.62 UG/L #	100
76) 0-XYLENE	7.672	91	396382	18.72 UG/L	94
77) STYRENE	7.692	104	299708	17.11 UG/L	88
78) BROMOFORM	7.851	173	69283	15.67 UG/L #	99
79) ISOPROPYLBENZENE	8.046	105	375401	17.32 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	28971	23.28 UG/L	86
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	118079	17.45 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	29385	21.09 UG/L	98
83) BROMOBENZENE	8.305	77	187548	17.88 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.383	75	90226	18.00 UG/L	97
85) N-PROPYLBENZENE	8.453	91	518958	18.82 UG/L	93
86) 2-CHLOROT0LUENE	8.509	91	329389	18.07 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	372410	18.30 UG/L	95
88) 4-CHLOROTOLUENE	8.623	91	382257	18.74 UG/L	93
90) TERT-BUTYLBENZENE	8.947	119	293978	18.91 UG/L	92
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	372905	18.80 UG/L	97
92) SEC-BUTYLBENZENE	9.164	105	402245	18.36 UG/L	98
93) 1,3-DICHLOROBENZENE	9.240	146	232170	18.22 UG/L	98
94) P-ISOPROPYLTOLUENE	9.318	119	334650	19.00 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	234701	17.36 UG/L	98
96) N-BUTYLBENZENE	9.719	91	308321	20.62 UG/L	96
97) 1,2-DICHLOROBENZENE	9.686	146	224677	17.96 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	18289	21.38 UG/L	87
99) 1,3,5-TRICHLOROBENZENE	10.665	180	155488	19.67 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.270	180	139532	19.30 UG/L	99
101) HEXACHLOROBUTADIENE	11.459	225	60658	21.85 UG/L	99
102) NAPHTHALENE	11.498	128	280615	21.26 UG/L #	98
103) 1,2,3-TRICHLOROBENZENE	11.741	180	122411	20.97 UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234009.D
Acq On : 22 Aug 2011 2:53 pm
Operator :
Sample : 8260 STD 20 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 15:10:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234010.D
Acq On : 22 Aug 2011 3:23 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 23 07:27:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	201623	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.151	114	312434	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	191831	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	213041	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	108822	32.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.88%#				
49) TOLUENE SS	5.609	98	318957	25.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.80%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	162214	26.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	295659	67.07	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	348195	62.07	UG/L		96
5) CHLOROMETHANE	0.955	50	262826	58.01	UG/L		98
6) VINYL CHLORIDE	1.002	62	259193	72.60	UG/L		99
7) BROMOMETHANE	1.150	94	175686	79.12	UG/L		98
8) CHLOROETHANE	1.195	64	119030	73.10	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	414642	77.85	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.312	101	355050	82.51	UG/L		99
12) DI ETHYL ETHER	1.454	59	146527	61.33	UG/L		97
13) ACROLEIN	1.524	56	200582	573.96	UG/L		97
14) ACETONE	1.604	43	538839	654.94	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	329482	67.82	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	182477	63.43	UG/L		98
17) IODOMETHANE	1.657	142	3229956	726.76	UG/L	#	100
20) METHYL ACETATE	1.789	43	303341	64.65	UG/L		98
21) T-BUTYL ALCOHOL	1.928	59	188654	1105.96	UG/L		97
22) ACRYLONITRILE	2.012	53	85747	72.90	UG/L		99
23) METHYLENE CHLORIDE	1.847	49	279756	69.03	UG/L		97
24) CARBON DISULFIDE	1.694	76	5551814	581.69	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	771697	81.79	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	359021	79.85	UG/L		92
27) 1,1-DICHLOROETHANE	2.330	63	469904	64.09	UG/L		100
28) VINYL ACETATE	2.380	43	4913878	719.07	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	837898	59.61	UG/L		99
31) 2-BUTANONE	2.871	43	990956	586.11	UG/L		98
32) T-BUTYL ETHYL ETHER	2.709	59	893451	67.57	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.840	61	440735	60.76	UG/L		91
34) 2,2-DICHLOROPROPANE	2.831	77	345453	90.04	UG/L		95
35) ETHYL ACETATE	2.943	43	240086	51.66	UG/L		99
38) BROMOCHLOROMETHANE	3.080	49	216149	58.60	UG/L		95
39) TETRAHYDROFURAN	3.138	42	61512	53.27	UG/L	#	81
40) CHLOROFORM	3.180	83	524768	63.83	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.345	97	469256	75.52	UG/L		98
42) CYCLOHEXANE	3.392	56	345844	54.08	UG/L		98
43) CARBON TETRACHLORIDE	3.509	117	356218	83.80	UG/L		100
44) 1,1-DICHLOROPROPENE	3.520	75	366377	57.68	UG/L		97
45) BENZENE	3.727	78	1011208	55.63	UG/L		98
47) T-AMYLMETHYL ETHER	3.874	73	736003	63.91	UG/L		98
50) 1,2-DICHLOROETHANE	3.755	62	442602	61.64	UG/L		96
51) TRICHLOROETHENE	4.390	95	281746	55.84	UG/L		92
52) METHYLCYCLOHEXANE	4.566	83	340077	50.99	UG/L		94
53) 1,2-DICHLOROPROPANE	4.613	63	253719	50.59	UG/L		95
54) DIBROMOMETHANE	4.725	93	185793	53.64	UG/L		96

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234010.D
Acq On : 22 Aug 2011 3:23 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 23 07:27:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

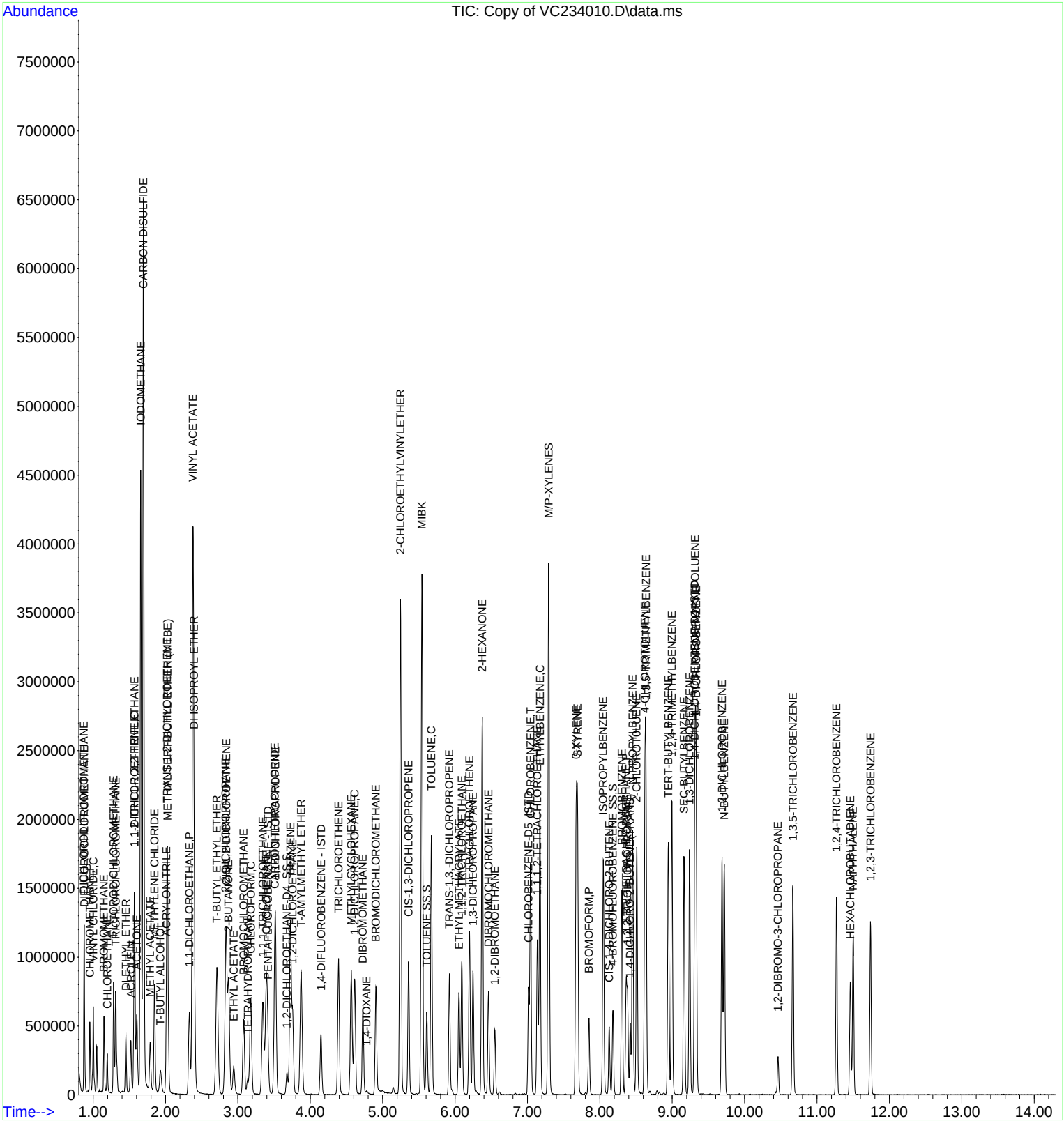
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.775	88	18567	559.10 UG/L	90
57) BROMODICHLOROMETHANE	4.906	83	422572	62.58 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.246	63	1280661	554.50 UG/L	98
59) MIBK	5.542	43	2194862	540.60 UG/L #	85
60) CIS-1,3-DICHLOROPROPENE	5.358	75	425091	60.01 UG/L	98
61) TOLUENE	5.673	91	1100855	51.70 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	365635	67.26 UG/L	96
63) ETHYL METHACRYLATE	6.055	69	306600	54.19 UG/L	98
64) 1,1,2-TRICHLOROETHANE	6.094	97	240962	51.12 UG/L	100
65) 2-HEXANONE	6.376	43	1540910	591.08 UG/L	88
66) TETRACHLOROETHENE	6.200	166	298681	52.90 UG/L	98
67) 1,3-DICHLOROPROPANE	6.248	76	397861	53.77 UG/L	99
68) DIBROMOCHLOROMETHANE	6.462	129	312822	61.02 UG/L	99
69) 1,2-DIBROMOETHANE	6.549	107	255612	55.01 UG/L	99
72) CHLOROBENZENE	7.042	112	707657	41.97 UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	268926	48.44 UG/L	97
74) ETHYLBENZENE	7.173	91	1229344	44.58 UG/L	94
75) M/P-XYLENES	7.293	91	1896452	92.32 UG/L #	100
76) 0-XYLENE	7.673	91	1005763	45.80 UG/L	93
77) STYRENE	7.692	104	784855	43.23 UG/L	89
78) BROMOFORM	7.851	173	211359	46.12 UG/L #	98
79) ISOPROPYLBENZENE	8.046	105	965897	42.99 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	85323	66.13 UG/L	87
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	310820	44.30 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	87515	60.57 UG/L	97
83) BROMOBENZENE	8.306	77	495888	45.60 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.384	75	233815	44.98 UG/L	98
85) N-PROPYLBENZENE	8.453	91	1323319	46.29 UG/L	92
86) 2-CHLOROT0LUENE	8.509	91	856491	45.31 UG/L	95
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	960348	45.53 UG/L	96
88) 4-CHLOROTOLUENE	8.623	91	994733	47.04 UG/L	94
90) TERT-BUTYLBENZENE	8.947	119	762484	45.99 UG/L	92
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	989831	46.81 UG/L	96
92) SEC-BUTYLBENZENE	9.164	105	1036323	44.35 UG/L	98
93) 1,3-DICHLOROBENZENE	9.240	146	613178	45.14 UG/L	98
94) P-ISOPROPYLTOLUENE	9.318	119	871379	46.39 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	615141	42.68 UG/L	98
96) N-BUTYLBENZENE	9.719	91	814398	51.08 UG/L	95
97) 1,2-DICHLOROBENZENE	9.689	146	589189	44.18 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	51885	56.88 UG/L	87
99) 1,3,5-TRICHLOROBENZENE	10.668	180	417946	49.58 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.270	180	378080	47.67 UG/L	99
101) HEXACHLOROBUTADIENE	11.462	225	154690	52.27 UG/L	99
102) NAPHTHALENE	11.499	128	768006	49.50 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	338143	55.43 UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234010.D
Acq On : 22 Aug 2011 3:23 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 23 07:27:26 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234011.D
Acq On : 22 Aug 2011 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 23 07:29:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	207401	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	317323	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	200166	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	211857	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	109215	31.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 127.68%				
49) TOLUENE SS	5.612	98	316706	25.13	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	161918	25.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	592883	130.75	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	700553	121.40	UG/L		95
5) CHLOROMETHANE	0.954	50	545060	113.79	UG/L		100
6) VINYL CHLORIDE	1.002	62	527132	143.54	UG/L		99
7) BROMOMETHANE	1.147	94	319862	140.04	UG/L		98
8) CHLOROETHANE	1.194	64	227904	136.06	UG/L		98
9) FLUORODICHLOROMETHANE	1.284	67	821251	149.90	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	721270	162.94	UG/L		99
12) DI ETHYL ETHER	1.451	59	295226	120.13	UG/L		98
13) ACROLEIN	1.521	56	403722	1123.05	UG/L		100
14) ACETONE	1.604	43	1083462	1280.23	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	665741	133.21	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	367884	124.32	UG/L		98
17) IODOMETHANE	1.657	142	6099342	1334.16	UG/L	#	100
20) METHYL ACETATE	1.788	43	613654	127.13	UG/L		99
21) T-BUTYL ALCOHOL	1.933	59	390592	2226.00	UG/L	#	96
22) ACRYLONITRILE	2.011	53	172120	142.25	UG/L		96
23) METHYLENE CHLORIDE	1.847	49	552385	132.50	UG/L		98
24) CARBON DISULFIDE	1.693	76	10495168	1069.00	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	1540045	158.67	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	716262	154.86	UG/L		92
27) 1,1-DICHLOROETHANE	2.329	63	957515	126.95	UG/L		100
28) VINYL ACETATE	2.382	43	9770665	1389.95	UG/L	#	100
29) DI ISOPROYL ETHER	2.396	45	1662128	114.96	UG/L		100
31) 2-BUTANONE	2.873	43	1995581	1147.42	UG/L		98
32) T-BUTYL ETHYL ETHER	2.714	59	1796804	132.10	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	884475	118.53	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	735171	186.29	UG/L		94
35) ETHYL ACETATE	2.943	43	484195	101.28	UG/L		99
38) BROMOCHLOROMETHANE	3.079	49	435491	114.78	UG/L		96
39) TETRAHYDROFURAN	3.132	42	125760	105.88	UG/L		97
40) CHLOROFORM	3.177	83	1082013	127.94	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	974285	152.43	UG/L		99
42) CYCLOHEXANE	3.392	56	724912	110.20	UG/L		97
43) CARBON TETRACHLORIDE	3.512	117	763479	174.61	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	737687	112.89	UG/L		98
45) BENZENE	3.726	78	2014996	107.76	UG/L		98
47) T-AMYLMETHYL ETHER	3.874	73	1485932	125.44	UG/L		98
50) 1,2-DICHLOROETHANE	3.757	62	892366	122.35	UG/L		96
51) TRICHLOROETHENE	4.390	95	573444	111.91	UG/L		92
52) METHYLCYCLOHEXANE	4.569	83	707542	104.46	UG/L		95
53) 1,2-DICHLOROPROPANE	4.613	63	516397	101.37	UG/L		95
54) DIBROMOMETHANE	4.728	93	366432	104.16	UG/L		96

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234011.D
Acq On : 22 Aug 2011 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 23 07:29:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

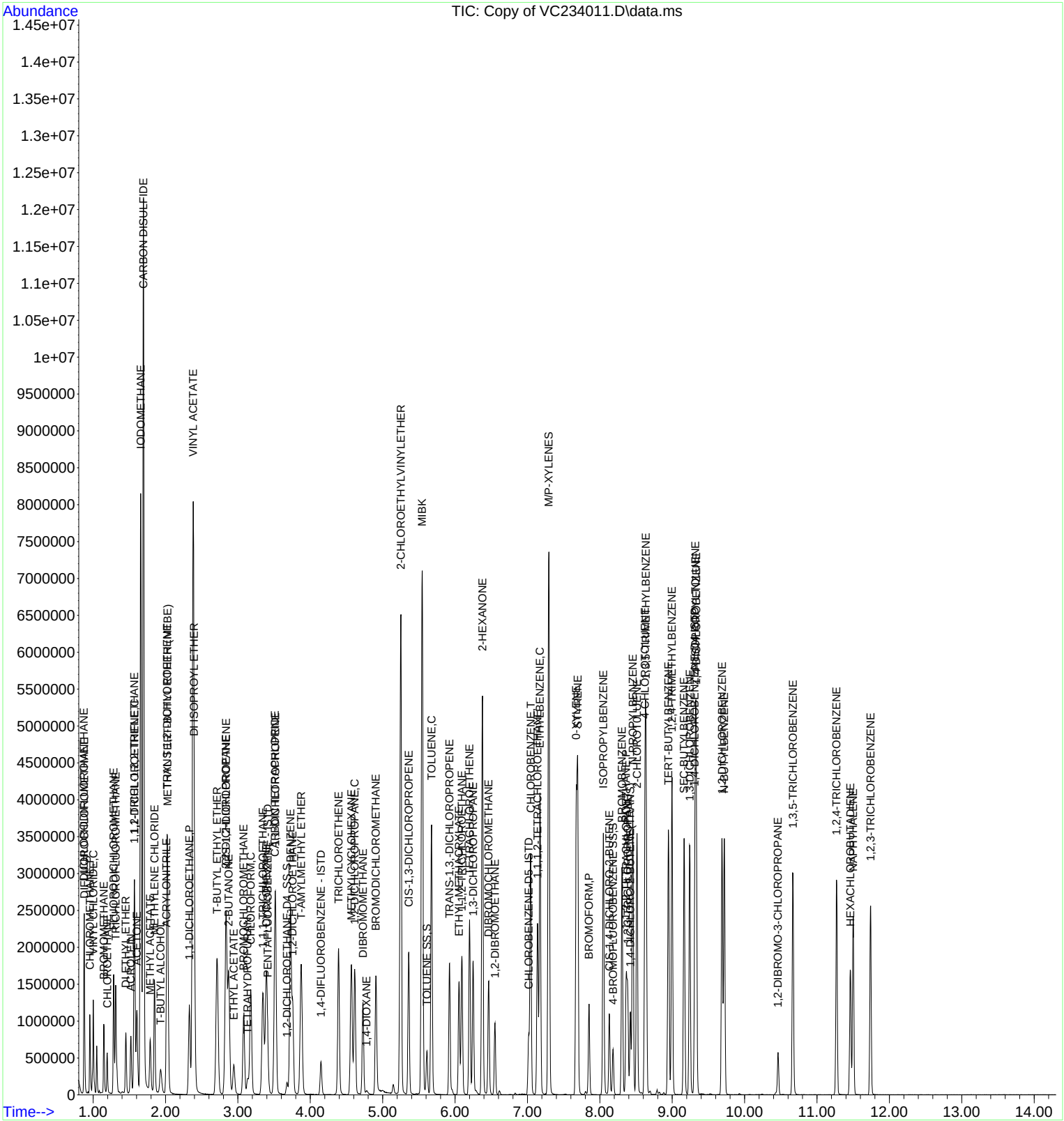
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,4-DIOXANE	4.775	88	37038m	1098.13	UG/L		
57)	BROMODICHLOROMETHANE	4.906	83	874484	127.50	UG/L		100
58)	2-CHLOROETHYLVINYLETHER	5.252	63	2462934	1049.96	UG/L		98
59)	MIBK	5.545	43	4324965	1048.83	UG/L	#	85
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	851926	118.41	UG/L		97
61)	TOLUENE	5.676	91	2161584	99.94	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	767579	139.02	UG/L		95
63)	ETHYL METHACRYLATE	6.055	69	627083	109.12	UG/L		98
64)	1,1,2-TRICHLOROETHANE	6.094	97	478922	100.05	UG/L		99
65)	2-HEXANONE	6.378	43	3049998	1151.92	UG/L		87
66)	TETRACHLOROETHENE	6.200	166	597730	104.24	UG/L		97
67)	1,3-DICHLOROPROPANE	6.250	76	791131	105.27	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.462	129	657851	126.34	UG/L		99
69)	1,2-DIBROMOETHANE	6.551	107	512504	108.60	UG/L		99
72)	CHLOROBENZENE	7.045	112	1415023	80.42	UG/L		95
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	550478	95.02	UG/L		98
74)	ETHYLBENZENE	7.173	91	2510180	87.24	UG/L		94
75)	M/P-XYLENES	7.296	91	3821270	178.28	UG/L	#	100
76)	0-XYLENE	7.675	91	1979601	86.40	UG/L		93
77)	STYRENE	7.695	104	1547107	81.67	UG/L		88
78)	BROMOFORM	7.851	173	453274	94.79	UG/L	#	98
79)	ISOPROPYLBENZENE	8.049	105	1985214	84.68	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.132	53	186046	138.20	UG/L		87
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	626697	85.59	UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.422	53	189110	125.44	UG/L		93
83)	BROMOBENZENE	8.305	77	987291	87.00	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.386	75	478047	88.14	UG/L		98
85)	N-PROPYLBENZENE	8.456	91	2677399	89.76	UG/L		93
86)	2-CHLOROT0LUENE	8.514	91	1713771	86.89	UG/L		94
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1847954	83.96	UG/L		97
88)	4-CHLOROTOLUENE	8.623	91	1918039	86.92	UG/L		94
90)	TERT-BUTYLBENZENE	8.947	119	1526317	92.58	UG/L		91
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1954618	92.94	UG/L		96
92)	SEC-BUTYLBENZENE	9.164	105	2102996	90.50	UG/L		98
93)	1,3-DICHLOROBENZENE	9.242	146	1201283	88.92	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.320	119	1721738	92.17	UG/L		95
95)	1,4-DICHLOROBENZENE	9.332	146	1211785	84.54	UG/L		98
96)	N-BUTYLBENZENE	9.719	91	1641395	103.52	UG/L		96
97)	1,2-DICHLOROBENZENE	9.688	146	1178310	88.84	UG/L		98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	109933	121.19	UG/L		87
99)	1,3,5-TRICHLOROBENZENE	10.667	180	835045	99.61	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	785231	98.59	UG/L		100
101)	HEXACHLOROBUTADIENE	11.462	225	325737	110.68	UG/L		100
102)	NAPHTHALENE	11.501	128	1613788	100.99	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	695854	115.45	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234011.D
Acq On : 22 Aug 2011 3:54 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 23 07:29:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234012.D
Acq On : 22 Aug 2011 4:24 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 23 07:31:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	203793	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	319307	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	201107	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	209458	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	110679	32.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 131.68%#				
49) TOLUENE SS	5.614	98	323767	25.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.12%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	164965	25.88	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.52%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	1149478	258.00	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.877	51	1401827	247.22	UG/L		95
5) CHLOROMETHANE	0.952	50	1195211	250.10	UG/L		99
6) VINYL CHLORIDE	1.002	62	1102858	305.62	UG/L		99
7) BROMOMETHANE	1.144	94	399483	178.00	UG/L		98
8) CHLOROETHANE	1.192	64	405122	246.14	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	1615714	300.13	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.309	101	1388968	319.34	UG/L		100
12) DI ETHYL ETHER	1.451	59	598210	247.72	UG/L		97
13) ACROLEIN	1.524	56	828391	2345.17	UG/L		99
14) ACETONE	1.604	43	2131231	2562.87	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	1331240	271.09	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	737377	253.59	UG/L		98
17) IODOMETHANE	1.657	142	10918176	2430.50	UG/L	#	100
20) METHYL ACETATE	1.791	43	1233268	260.03	UG/L		98
21) T-BUTYL ALCOHOL	1.939	59	784234	4548.51	UG/L	#	97
22) ACRYLONITRILE	2.012	53	333819	280.78	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	1102750	269.21	UG/L		98
24) CARBON DISULFIDE	1.685	76	14471470m	1500.10	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.028	73	3033858	318.11	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	1425550	313.67	UG/L		92
27) 1,1-DICHLOROETHANE	2.329	63	1909770	257.69	UG/L		99
28) VINYL ACETATE	2.380	43	17641659m	2554.09	UG/L		
29) DI ISOPROYL ETHER	2.396	45	3259927	229.46	UG/L		100
31) 2-BUTANONE	2.876	43	3950884	2311.90	UG/L		98
32) T-BUTYL ETHYL ETHER	2.712	59	3597616	269.17	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	1802760	245.87	UG/L		91
34) 2,2-DICHLOROPROPANE	2.831	77	1542487	397.78	UG/L		93
35) ETHYL ACETATE	2.946	43	966525	205.75	UG/L		99
38) BROMOCHLOROMETHANE	3.080	49	836586	224.40	UG/L		95
39) TETRAHYDROFURAN	3.133	42	252668	216.50	UG/L		98
40) CHLOROFORM	3.177	83	2188975	263.41	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.345	97	2000678	318.56	UG/L		100
42) CYCLOHEXANE	3.395	56	1454005	224.94	UG/L		97
43) CARBON TETRACHLORIDE	3.512	117	1580342	367.83	UG/L		100
44) 1,1-DICHLOROPROPENE	3.520	75	1485943	231.43	UG/L		97
45) BENZENE	3.729	78	4099627	223.12	UG/L		98
47) T-AMYLMETHYL ETHER	3.874	73	2963673	254.62	UG/L		99
50) 1,2-DICHLOROETHANE	3.757	62	1794138	244.47	UG/L		96
51) TRICHLOROETHENE	4.390	95	1162532	225.46	UG/L		91
52) METHYLCYCLOHEXANE	4.569	83	1410719	206.98	UG/L		94
53) 1,2-DICHLOROPROPANE	4.616	63	1029061	200.76	UG/L		95
54) DIBROMOMETHANE	4.728	93	723363	204.34	UG/L		96

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234012.D
Acq On : 22 Aug 2011 4:24 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 23 07:31:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

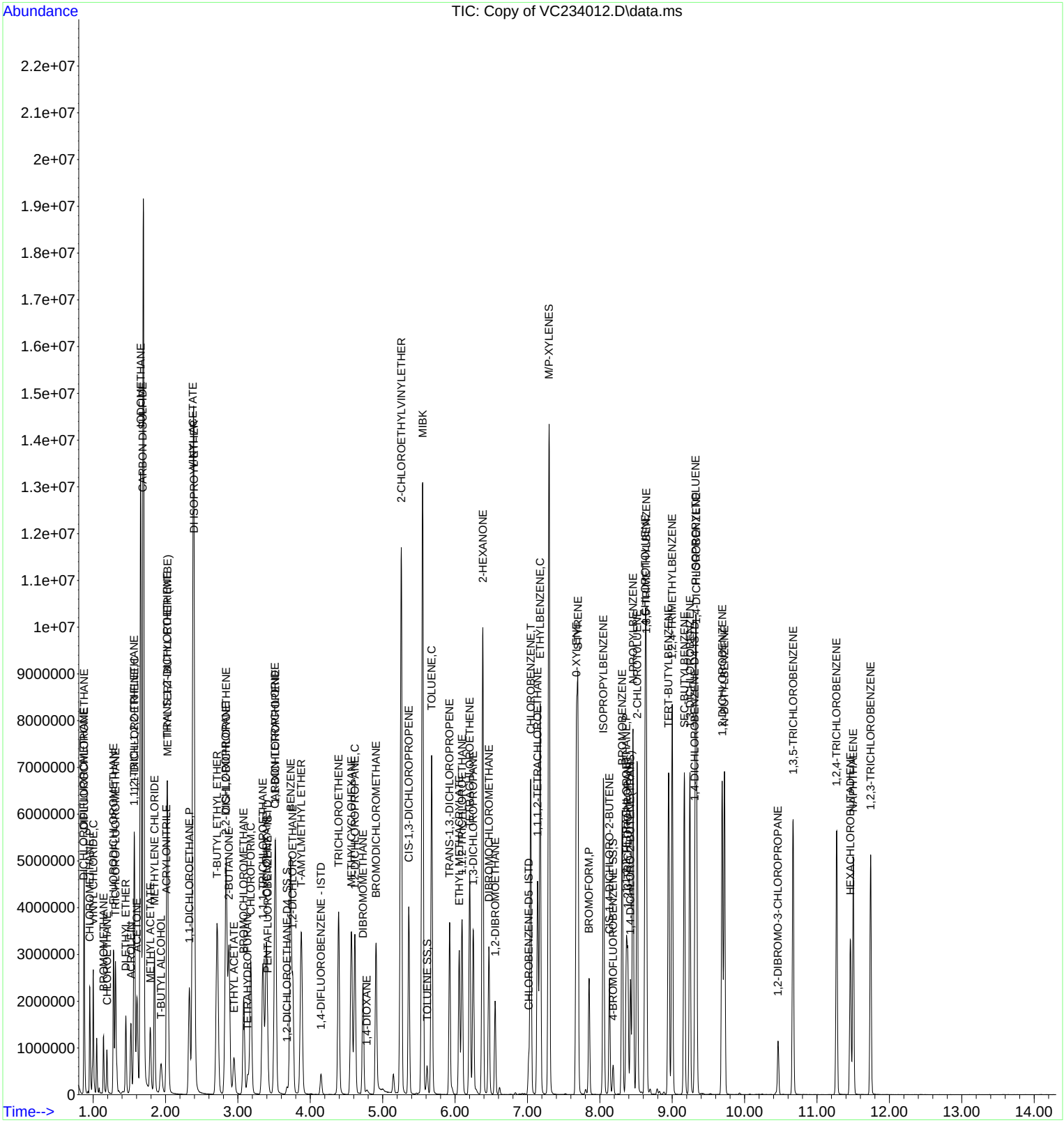
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,4-DIOXANE	4.778	88	72932m	2148.92	UG/L		
57)	BROMODICHLOROMETHANE	4.909	83	1784694	258.60	UG/L		100
58)	2-CHLOROETHYLVINYLETHER	5.258	63	4746422	2010.85	UG/L		97
59)	MIBK	5.553	43	8195902	1975.21	UG/L	#	84
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	1750265	241.76	UG/L		97
61)	TOLUENE	5.676	91	4339283	199.38	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	1577893	284.00	UG/L		95
63)	ETHYL METHACRYLATE	6.058	69	1254100	216.88	UG/L		98
64)	1,1,2-TRICHLOROETHANE	6.097	97	978178	203.07	UG/L		99
65)	2-HEXANONE	6.384	43	5816447	2183.11	UG/L		87
66)	TETRACHLOROETHENE	6.203	166	1222895	211.93	UG/L		98
67)	1,3-DICHLOROPROPANE	6.250	76	1611324	213.07	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.468	129	1359327	259.44	UG/L		99
69)	1,2-DIBROMOETHANE	6.554	107	1026770	216.22	UG/L		99
72)	CHLOROBENZENE	7.045	112	2902366	164.19	UG/L		95
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	1132531	194.57	UG/L		98
74)	ETHYLBENZENE	7.176	91	5095039	176.25	UG/L		94
75)	M/P-XYLENES	7.299	91	7540392	350.15	UG/L	#	100
76)	0-XYLENE	7.675	91	3960621	172.05	UG/L		93
77)	STYRENE	7.698	104	3056905	160.61	UG/L		87
78)	BROMOFORM	7.851	173	962151	200.28	UG/L	#	99
79)	ISOPROPYLBENZENE	8.049	105	3934318	167.03	UG/L		98
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	413277	305.55	UG/L		87
81)	1,1,2,2-TETRACHLOROETHANE	8.367	83	1261789	171.53	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	393572	259.85	UG/L		92
83)	BROMOBENZENE	8.308	77	1992785	174.79	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.386	75	959773	176.12	UG/L		98
85)	N-PROPYLBENZENE	8.459	91	5391860	179.92	UG/L		92
86)	2-CHLOROT0LUENE	8.517	91	3411061	172.14	UG/L		94
87)	1,3,5-TRIMETHYLBENZENE	8.643	105	3703220	167.47	UG/L		96
88)	4-CHLOROTOLUENE	8.626	91	3842601	173.33	UG/L		93
90)	TERT-BUTYLBENZENE	8.950	119	3014081	184.93	UG/L		91
91)	1,2,4-TRIMETHYLBENZENE	9.000	105	3869280	186.10	UG/L		96
92)	SEC-BUTYLBENZENE	9.167	105	4153754	180.81	UG/L		98
93)	1,3-DICHLOROBENZENE	9.245	146	2399603	179.65	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.323	119	3409963	184.63	UG/L		95
95)	1,4-DICHLOROBENZENE	9.335	146	2366368	166.97	UG/L		98
96)	N-BUTYLBENZENE	9.722	91	3294281	210.15	UG/L		95
97)	1,2-DICHLOROBENZENE	9.691	146	2316806	176.68	UG/L		98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	230879	257.44	UG/L		85
99)	1,3,5-TRICHLOROBENZENE	10.670	180	1654841	199.66	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	1535842	194.17	UG/L		100
101)	HEXACHLOROBUTADIENE	11.462	225	646543	222.19	UG/L		99
102)	NAPHTHALENE	11.501	128	3186569	198.47	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	1353876	227.87	UG/L		100

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : Copy of VC234012.D
Acq On : 22 Aug 2011 4:24 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 23 07:31:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0803W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Aug 04 08:09:30 2011
Response via : Initial Calibration

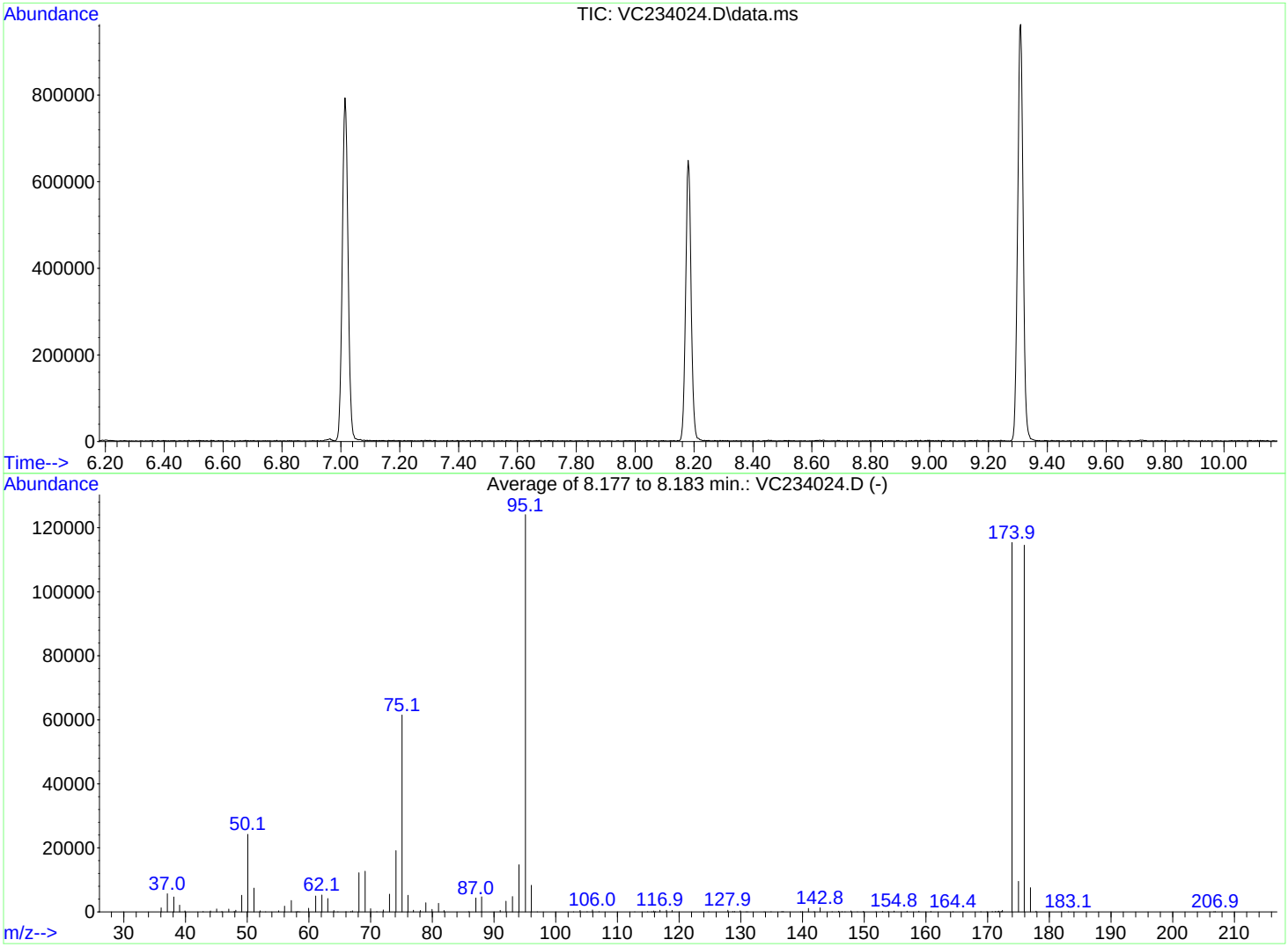


BFB

Data Path : X:\1\DATA\082211\
Data File : VC234024.D
Acq On : 22 Aug 2011 10:28 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0831W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.177 to 8.183 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.5	24232	PASS
75	95	30	60	49.6	61490	PASS
95	95	100	100	100.0	124096	PASS
96	95	5	9	6.7	8316	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	93.0	115386	PASS
175	174	5	9	8.3	9568	PASS
176	174	95	101	99.3	114541	PASS
177	176	5	9	6.6	7567	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	196377	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	300183	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	189442	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	202384	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	105565	25.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%				
49) TOLUENE SS	5.609	98	304838	25.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	153117	24.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	69791	10.89	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	73173	10.53	UG/L		100
5) CHLOROMETHANE	0.957	50	49623	9.77	UG/L		100
6) VINYL CHLORIDE	1.002	62	53625	10.54	UG/L		99
7) BROMOMETHANE	1.153	94	32678	9.70	UG/L		98
8) CHLOROETHANE	1.197	64	24605	10.61	UG/L		93
9) FLUORODICHLOROMETHANE	1.286	67	78926	9.92	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.312	101	68954	10.24	UG/L		100
11) ETHANOL	1.406	45	2822	60.45	UG/L	#	51
12) DI ETHYL ETHER	1.451	59	26922	9.81	UG/L		97
13) ACROLEIN	1.521	56	36286	90.70	UG/L		96
14) ACETONE	1.604	43	113967	107.97	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	63392	10.11	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	37361	10.63	UG/L		94
17) IODOMETHANE	1.657	142	576252	102.30	UG/L		94
20) METHYL ACETATE	1.791	43	62819	10.71	UG/L		99
21) T-BUTYL ALCOHOL	1.933	59	36925	100.06	UG/L	#	97
22) ACRYLONITRILE	2.014	53	18722	11.30	UG/L		92
23) METHYLENE CHLORIDE	1.850	49	54337	9.61	UG/L		99
24) CARBON DISULFIDE	1.696	76	1130623	106.61	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	149157	10.61	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.023	61	68605	10.50	UG/L		97
27) 1,1-DICHLOROETHANE	2.329	63	90141	10.35	UG/L		99
28) VINYL ACETATE	2.380	43	957455	109.14	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	164064	10.72	UG/L		100
31) 2-BUTANONE	2.873	43	206400	111.34	UG/L		100
32) T-BUTYL ETHYL ETHER	2.717	59	165581	10.19	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	82908	10.23	UG/L		98
34) 2,2-DICHLOROPROPANE	2.831	77	57251	8.97	UG/L		98
35) ETHYL ACETATE	2.946	43	55118	10.92	UG/L		99
38) BROMOCHLOROMETHANE	3.082	49	39849	10.10	UG/L		99
39) TETRAHYDROFURAN	3.138	42	11367	9.55	UG/L		91
40) CHLOROFORM	3.177	83	97355	10.04	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.347	97	85679	10.12	UG/L		99
42) CYCLOHEXANE	3.392	56	71162	10.19	UG/L		97
43) CARBON TETRACHLORIDE	3.509	117	57371	9.24	UG/L		99
44) 1,1-DICHLOROPROPENE	3.517	75	70488	10.20	UG/L		99
45) BENZENE	3.726	78	190081	10.33	UG/L		99
47) T-AMYLMETHYL ETHER	3.871	73	138034	10.55	UG/L		97
50) 1,2-DICHLOROETHANE	3.757	62	82808	10.21	UG/L		99
51) TRICHLOROETHENE	4.387	95	52664	10.14	UG/L		98
52) METHYLCYCLOHEXANE	4.566	83	66683	10.37	UG/L		99
53) 1,2-DICHLOROPROPANE	4.613	63	45826	9.88	UG/L		99

Data Path : X:\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration

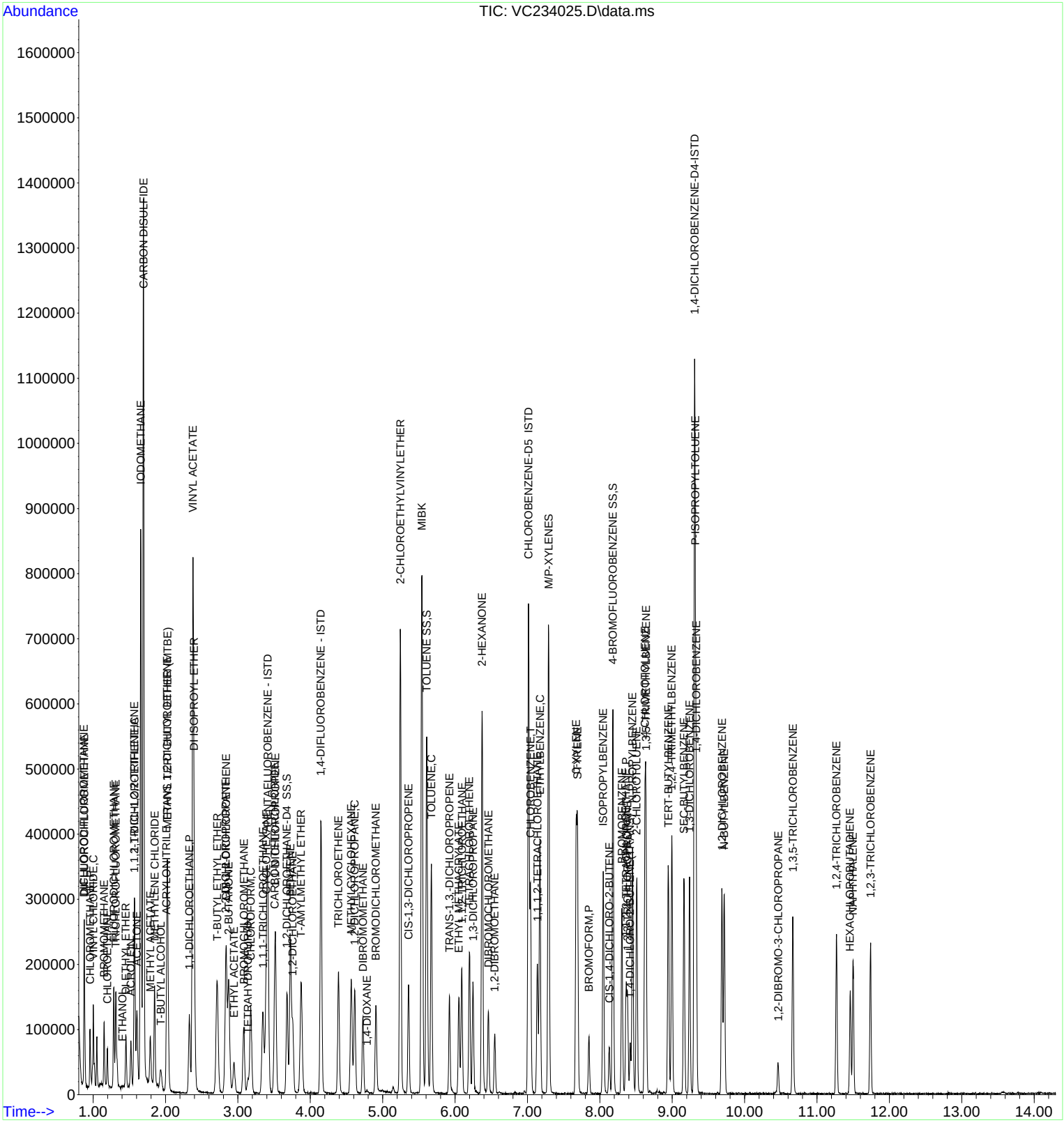
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) DIBROMOMETHANE	4.728	93	34381	10.23 UG/L	99
56) 1,4-DIOXANE	4.783	88	3296m	95.47 UG/L	
57) BROMODICHLOROMETHANE	4.906	83	73973	10.52 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.243	63	253043	111.02 UG/L	98
59) MIBK	5.542	43	472298	119.52 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.358	75	73286	10.07 UG/L	98
61) TOLUENE	5.673	91	203596	10.24 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	61754	9.93 UG/L	99
63) ETHYL METHACRYLATE	6.052	69	60540	10.87 UG/L	99
64) 1,1,2-TRICHLOROETHANE	6.094	97	45404	10.36 UG/L	99
65) 2-HEXANONE	6.373	43	321977	116.79 UG/L	99
66) TETRACHLOROETHENE	6.197	166	55010	9.91 UG/L	97
67) 1,3-DICHLOROPROPANE	6.250	76	76140	10.62 UG/L	98
68) DIBROMOCHLOROMETHANE	6.462	129	50832	10.44 UG/L	99
69) 1,2-DIBROMOETHANE	6.546	107	47637	10.11 UG/L	99
72) CHLOROBENZENE	7.042	112	131725	9.95 UG/L	100
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	45275	9.92 UG/L	99
74) ETHYLBENZENE	7.173	91	233595	10.06 UG/L	98
75) M/P-XYLENES	7.293	91	359012	20.08 UG/L	98
76) 0-XYLENE	7.672	91	188663	10.07 UG/L	100
77) STYRENE	7.692	104	146356	10.34 UG/L	99
78) BROMOFORM	7.851	173	32072	10.53 UG/L	99
79) ISOPROPYLBENZENE	8.046	105	183843	10.11 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	12920	8.92 UG/L	86
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	60487	10.68 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	13653	8.56 UG/L	91
83) BROMOBENZENE	8.305	77	93716	10.42 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.383	75	49051	11.09 UG/L	95
85) N-PROPYLBENZENE	8.450	91	251548	10.26 UG/L	99
86) 2-CHLOROT0LUENE	8.509	91	155448	9.83 UG/L	97
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	179417	10.35 UG/L	99
88) 4-CHLOROTOLUENE	8.623	91	183261	10.09 UG/L	99
90) TERT-BUTYLBENZENE	8.947	119	143643	10.24 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	178973	9.99 UG/L	98
92) SEC-BUTYLBENZENE	9.162	105	195408	10.18 UG/L	100
93) 1,3-DICHLOROBENZENE	9.240	146	109461	9.91 UG/L	99
94) P-ISOPROPYLTOLUENE	9.320	119	160780	10.22 UG/L	99
95) 1,4-DICHLOROBENZENE	9.332	146	113673	10.03 UG/L	99
96) N-BUTYLBENZENE	9.719	91	146997	9.96 UG/L	100
97) 1,2-DICHLOROBENZENE	9.689	146	107477	9.99 UG/L	100
98) 1,2-DIBROMO-3-CHLOROPR...	10.467	75	9724	10.40 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.667	180	74951	10.11 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.270	180	64270	9.95 UG/L	100
101) HEXACHLOROBUTADIENE	11.457	225	28092	9.24 UG/L	97
102) NAPHTHALENE	11.498	128	133972	10.09 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	58035	9.96 UG/L	97

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\082211\
Data File : VC234025.D
Acq On : 22 Aug 2011 10:58 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 23 12:09:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 23 08:04:36 2011
Response via : Initial Calibration



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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100030
Lab File ID:	VC236002.D	Calibration Date:	09/29/11 09:21
Sequence:	S001084	Injection Date:	08/24/11
Lab Sample ID:	S001084-CCV1	Injection Time:	14:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
cis-1,4-Dichloro-2-butene	A	10.0	8.23	0.2293454	0.1886504		-17.7		
Ethyl Methacrylate	A	10.0	8.86	0.5565421	0.4931353		-11.4		
Acetone	A	100	108	0.1612569	0.1749459		8.5	20	
Acrolein	A	100	104	6.111802E-02	6.352364E-02		3.9	20	
Acrylonitrile	A	10.0	10.2	0.2530627	0.2580843		2.0	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.87	1.998363	1.972199		-1.3	20	
Benzene	A	10.0	10.5	2.809804	2.958939		5.3	20	
Bromobenzene	A	10.0	9.98	1.424704	1.422328		-0.2	20	
Bromochloromethane	A	10.0	10.5	0.6025272	0.6324878		5.0	20	
Bromodichloromethane	A	10.0	8.94	0.7028739	0.6284913		-10.6	20	
Bromoform	A	10.0	6.87	0.4822814	0.3313013		-31.3	20	*
Bromomethane	A	10.0	10.5	0.5148609	0.5402823		4.9	20	
2-Butanone (MEK)	A	100	109	0.2831901	0.3094162		9.3	20	
tert-Butyl Alcohol (TBA)	A	100	80.2	5.637349E-02	4.523262E-02		-19.8	20	
n-Butylbenzene	A	10.0	10.1	2.187947	2.205167		0.8	20	
sec-Butylbenzene	A	10.0	10.2	2.846141	2.908253		2.2	20	
tert-Butylbenzene	A	10.0	9.82	2.079627	2.041787		-1.8	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.84	2.482805	2.443361		-1.6	20	
Carbon Disulfide	A	100	104	1.620134	1.68489		4.0	20	
Carbon Tetrachloride	L	10.0	7.01	0.8679931	0.6177834		-29.9	20	*
Chlorobenzene	A	10.0	10.1	2.096303	2.115929		0.9	20	
Chlorodibromomethane	A	10.0	8.04	0.4865105	0.3910022		-19.6	20	
Chloroethane	A	10.0	10.0	0.3543307	0.3556352		0.4	20	
2-Chloroethyl Vinyl Ether	A	100	114	0.227784	0.2603162		14.3	20	
Chloroform	A	10.0	10.3	1.480912	1.519974		2.6	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100030
Lab File ID:	VC236002.D	Calibration Date:	09/29/11 09:21
Sequence:	S001084	Injection Date:	08/24/11
Lab Sample ID:	S001084-CCV1	Injection Time:	14:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Chloromethane	A	10.0	8.54	0.7763184	0.6627564		-14.6	20	
2-Chlorotoluene	A	10.0	10.0	2.502994	2.502062		-0.04	20	
4-Chlorotoluene	A	10.0	9.85	2.874881	2.831897		-1.5	20	
Cyclohexane	A	10.0	10.0	1.067088	1.071931		0.5	20	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	6.51	0.1386436	9.031131E-02		-34.9	20	*
1,2-Dibromoethane (EDB)	A	10.0	9.76	0.4707386	0.4594908		-2.4	20	
Dibromomethane	A	10.0	10.4	0.3358929	0.3480847		3.6	20	
1,2-Dichlorobenzene	A	10.0	9.87	1.595406	1.575311		-1.3	20	
1,3-Dichlorobenzene	A	10.0	9.74	1.638127	1.595295		-2.6	20	
1,4-Dichlorobenzene	A	10.0	9.91	1.679585	1.664315		-0.9	20	
trans-1,4-Dichloro-2-butene	A	10.0	7.10	0.2527236	0.1794303		-29.0	20	*
Dichlorodifluoromethane (Freon 12)	A	10.0	6.88	0.9790921	0.6733799		-31.2	20	*
1,1-Dichloroethane	A	10.0	10.0	1.33101	1.338008		0.5	20	
1,2-Dichloroethane	A	10.0	10.2	0.8105015	0.8228252		1.5	20	
1,1-Dichloroethylene	A	10.0	10.2	0.9574361	0.972896		1.6	20	
cis-1,2-Dichloroethylene	A	10.0	10.6	1.238182	1.30725		5.6	20	
trans-1,2-Dichloroethylene	A	10.0	10.3	0.9978778	1.028577		3.1	20	
Dichlorofluoromethane (Freon 21)	A	10.0	10.5	1.215968	1.272243		4.6	20	
1,2-Dichloropropane	A	10.0	9.76	0.4635801	0.4525414		-2.4	20	
1,3-Dichloropropane	A	10.0	10.6	0.7163139	0.7587678		5.9	20	
2,2-Dichloropropane	A	10.0	9.42	0.9749574	0.9183113		-5.8	20	
1,1-Dichloropropene	A	10.0	10.3	1.055912	1.086838		2.9	20	
cis-1,3-Dichloropropene	A	10.0	9.45	0.7272885	0.6870909		-5.5	20	
trans-1,3-Dichloropropene	A	10.0	9.09	0.6215492	0.5649419		-9.1	20	

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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100030
Lab File ID:	VC236002.D	Calibration Date:	09/29/11 09:21
Sequence:	S001084	Injection Date:	08/24/11
Lab Sample ID:	S001084-CCV1	Injection Time:	14:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl Ether	A	10.0	10.5	0.4193615	0.4385662		4.6	20	
Difluorochloromethane (Freon 22)	A	10.0	9.01	1.061213	0.9558983		-9.9	20	
Diisopropyl Ether (DIPE)	A	10.0	10.7	2.337547	2.49459		6.7	20	
1,4-Dioxane	A	100	102	3.450459E-03	3.533048E-03		2.4	20	
Ethyl Acetate	A	10.0	9.48	0.7708423	0.7304772		-5.2	20	
Ethylbenzene	A	10.0	10.0	3.675419	3.693685		0.5	20	
Hexachlorobutadiene	A	10.0	8.99	0.4505147	0.4048927		-10.1	20	
2-Hexanone (MBK)	A	100	104	0.2755203	0.2871215		4.2	20	
Iodomethane	A	100	107	0.8605135	0.9245977		7.4	20	
Isopropylbenzene (Cumene)	A	10.0	10.0	2.879206	2.884538		0.2	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.2	2.332586	2.384886		2.2	20	
Methyl Acetate	A	10.0	10.3	0.8961586	0.9230328		3.0	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.1	2.146673	2.170842		1.1	20	
Methyl Cyclohexane	A	10.0	9.96	0.6423829	0.6395477		-0.4	20	
Methylene Chloride	A	10.0	10.1	0.8633889	0.8726807		1.1	20	
4-Methyl-2-pentanone (MIBK)	A	100	107	0.3949281	0.4235464		7.2	20	
Naphthalene	A	10.0	6.80	1.968575	1.337927		-32.0	20	*
n-Propylbenzene	A	10.0	9.94	3.882522	3.85754		-0.6	20	
Styrene	A	10.0	10.3	2.242488	2.319783		3.4	20	
1,1,1,2-Tetrachloroethane	A	10.0	7.62	0.7229577	0.5505787		-23.8	20	*
1,1,2,2-Tetrachloroethane	A	10.0	9.91	0.8965881	0.8888414		-0.9	20	
Tetrachloroethylene	A	10.0	9.73	0.5546277	0.539414		-2.7	20	
Tetrahydrofuran	A	10.0	10.3	0.1818518	0.1867043		2.7	20	
Toluene	A	10.0	10.3	1.987065	2.045007		2.9	20	

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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H0909
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100030
Lab File ID:	VC236002.D	Calibration Date:	09/29/11 09:21
Sequence:	S001084	Injection Date:	08/24/11
Lab Sample ID:	S001084-CCV1	Injection Time:	14:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2,3-Trichlorobenzene	A	10.0	7.56	0.8639845	0.6535029		-24.4	20	*
1,2,4-Trichlorobenzene	A	10.0	8.43	0.957584	0.8069789		-15.7	20	
1,3,5-Trichlorobenzene	A	10.0	9.60	1.098607	1.055024		-4.0	20	
1,1,1-Trichloroethane	A	10.0	8.95	1.293992	1.158302		-10.5	20	
1,1,2-Trichloroethane	A	10.0	10.6	0.4377883	0.4631979		5.8	20	
Trichloroethylene	A	10.0	10.4	0.5191099	0.538571		3.7	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.72	1.028906	0.999674		-2.8	20	
1,2,3-Trichloropropane	A	10.0	9.92	0.7003472	0.6945106		-0.8	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.90	0.5367502	0.5315642		-1.0	20	
1,2,4-Trimethylbenzene	A	10.0	10.4	2.654615	2.759939		4.0	20	
1,3,5-Trimethylbenzene	A	10.0	10.2	2.744818	2.790937		1.7	20	
Vinyl Acetate	A	100	100	1.340247	1.341276		0.08	20	
Vinyl Chloride	A	10.0	8.75	0.7771961	0.6800744		-12.5	20	
m+p Xylene	A	20.0	19.9	2.830665	2.811333		-0.7	20	
o-Xylene	A	10.0	9.86	2.966331	2.926087		-1.4	20	
1,2-Dichloroethane-d4	A	25.0	25.2	0.6347281	0.6409124		1.0		
Toluene-d8	A	25.0	25.8	1.198189	1.237762		3.3		
4-Bromofluorobenzene	A	25.0	24.5	0.9872308	0.9659467		-2.2		

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

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 25 10:29:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		PENTAFLUOROBENZENE - ISTD	1.000	1.000	0.0	90	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	0.635	0.641	-0.9	91	0.00
3		DICHLORODIFLUOROMETHANE	0.979	0.673	31.3#	57	0.00
4		DIFLUOROCHLOROMETHANE	1.061	0.956	9.9	77	0.00
5	P	CHLOROMETHANE	0.776	0.663	14.6	77	0.00
6	C	VINYL CHLORIDE	0.777	0.680	12.5	74	0.00
7		BROMOMETHANE	0.515	0.540	-4.9	99	0.00
8		CHLOROETHANE	0.354	0.356	-0.6	89	0.00
9		FLUORODICHLOROMETHANE	1.216	1.272	-4.6	93	0.00
10		TRICHLOROFLUOROMETHANE	1.029	1.000	2.8	81	0.00
11		ETHANOL	0.004	0.005	-25.0#	87	0.00
12		DI ETHYL ETHER	0.419	0.439	-4.8	94	0.00
13		ACROLEIN	0.061	0.064	-4.9	96	0.00
14		ACETONE	0.161	0.175	-8.7	97	0.00
15	C	1,1-DICHLOROETHENE	0.957	0.973	-1.7	89	0.00
16		1,1,2-TRICL-1,2,2-TRIFLETHA	0.537	0.532	0.9	86	0.00
17		IODOMETHANE	0.861	0.925	-7.4	85	0.00
18		ACETONITRILE	0.000	0.000	0.0	0#	0.03
19		ALLYL CHLORIDE	0.000	0.000	0.0	0#	-0.08
20		METHYL ACETATE	0.896	0.923	-3.0	91	0.00
21		T-BUTYL ALCOHOL	0.056	0.045	19.6	72	0.00
22		ACRYLONITRILE	0.253	0.258	-2.0	95	0.00
23		METHYLENE CHLORIDE	0.863	0.873	-1.2	90	0.00
24		CARBON DISULFIDE	1.620	1.685	-4.0	85	0.00
25		METHYL TERT-BUTYL ETHER (MT	2.147	2.171	-1.1	85	0.00
26		TRANS 1,2-DICHLOROETHENE	0.998	1.029	-3.1	87	0.00
27	P	1,1-DICHLOROETHANE	1.331	1.338	-0.5	88	0.00
28		VINYL ACETATE	1.340	1.341	-0.1	84	0.00
29		DI ISOPROYL ETHER	2.338	2.495	-6.7	90	0.00
30		CHLOROPRENE	0.000	0.000	0.0	0#	-2.40#
31		2-BUTANONE	0.283	0.309	-9.2	96	0.00
32		T-BUTYL ETHYL ETHER	2.483	2.443	1.6	85	0.00
33		CIS-1,2-DICHLOROETHENE	1.238	1.307	-5.6	92	0.00
34		2,2-DICHLOROPROPANE	0.975	0.918	5.8	85	0.00
35		ETHYL ACETATE	0.771	0.730	5.3	88	0.00
36		PROPIONITRILE	0.000	0.000	0.0	0#	-2.92#
37		METHACRYLONITRILE	0.000	0.000	0.0	0#	0.05
38		BROMOCHLOROMETHANE	0.603	0.632	-4.8	92	0.00
39		TETRAHYDROFURAN	0.182	0.187	-2.7	93	0.00
40	C	CHLOROFORM	1.481	1.520	-2.6	90	0.00
41		1,1,1-TRICHLOROETHANE	1.294	1.158	10.5	78	0.00
42		CYCLOHEXANE	1.067	1.072	-0.5	90	0.00
43		CARBON TETRACHLORIDE	0.868	0.618	28.8#	61	0.00
44		1,1-DICHLOROPROPENE	1.056	1.087	-2.9	93	0.00
45		BENZENE	2.810	2.959	-5.3	91	0.00
46		ISOBUTANOL	0.000	0.000	0.0	0#	0.15
47		T-AMYLMETHYL ETHER	1.998	1.972	1.3	83	0.00
48		1,4-DIFLUOROBENZENE - ISTD	1.000	1.000	0.0	90	0.00
49	S	TOLUENE SS	1.198	1.238	-3.3	95	0.00
50		1,2-DICHLOROETHANE	0.811	0.823	-1.5	88	0.00
51		TRICHLOROETHENE	0.519	0.539	-3.9	91	0.00

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 25 10:29:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52		METHYLCYCLOHEXANE	0.642	0.640	0.3	91	0.00
53	C	1,2-DICHLOROPROPANE	0.464	0.453	2.4	85	0.00
54		DIBROMOMETHANE	0.336	0.348	-3.6	91	0.00
55		METHYL METHACRYLATE	0.000	0.000	0.0	0#	-0.18
56		1,4-DIOXANE	0.003	0.004	-33.3#	85	0.00
57		BROMODICHLOROMETHANE	0.703	0.628	10.7	79	0.00
58		2-CHLOROETHYLVINYLETHER	0.228	0.260	-14.0	95	0.00
59		MIBK	0.395	0.424	-7.3	93	0.00
60		CIS-1,3-DICHLOROPROPENE	0.727	0.687	5.5	81	0.00
61	C	TOLUENE	1.987	2.045	-2.9	90	0.00
62		TRANS-1,3,-DICHLOROPROPENE	0.622	0.565	9.2	81	0.00
63		ETHYL METHACRYLATE	0.557	0.493	11.5	77	0.00
64		1,1,2-TRICHLOROETHANE	0.438	0.463	-5.7	90	0.00
65		2-HEXANONE	0.276	0.287	-4.0	90	0.00
66		TETRACHLOROETHENE	0.555	0.539	2.9	88	0.00
67		1,3-DICHLOROPROPANE	0.716	0.759	-6.0	94	0.00
68		DIBROMOCHLOROMETHANE	0.487	0.391	19.7	69	0.00
69		1,2-DIBROMOETHANE	0.471	0.459	2.5	86	0.00
70		CHLOROBENZENE-D5 ISTD	1.000	1.000	0.0	93	0.00
71	S	4-BROMOFLUOROBENZENE SS	0.987	0.966	2.1	93	0.00
72	T	CHLOROBENZENE	2.096	2.116	-1.0	90	0.00
73		1,1,1,2-TETRACHLOROETHANE	0.723	0.551	23.8#	68	0.00
74	C	ETHYLBENZENE	3.675	3.694	-0.5	90	0.00
75		M/P-XYLENES	2.831	2.811	0.7	88	0.00
76		O-XYLENE	2.966	2.926	1.3	89	0.00
77		STYRENE	2.242	2.320	-3.5	92	0.00
78	P	BROMOFORM	0.482	0.331	31.3#	62	0.00
79		ISOPROPYLBENZENE	2.879	2.885	-0.2	91	0.00
80		CIS-1,4-DICHLORO-2-BUTENE	0.229	0.189	17.5	81	0.00
81	P	1,1,2,2-TETRACHLOROETHANE	0.897	0.889	0.9	90	0.00
82		1,4-DICHLORO-2-BUTENE(TRANS	0.253	0.179	29.2#	73	0.00
83		BROMOBENZENE	1.425	1.422	0.2	90	0.00
84		1,2,3-TRICHLOROPROPANE	0.700	0.695	0.7	91	0.00
85		N-PROPYLBENZENE	3.883	3.858	0.6	89	0.00
86		2-CHLOROTOLUENE	2.503	2.502	0.0	90	0.00
87		1,3,5-TRIMETHYLBENZENE	2.745	2.791	-1.7	90	0.00
88		4-CHLOROTOLUENE	2.875	2.832	1.5	89	0.00
89		1,4-DICHLOROBENZENE-D4-ISTD	1.000	1.000	0.0	92	0.00
90		TERT-BUTYLBENZENE	2.080	2.042	1.8	87	0.00
91		1,2,4-TRIMETHYLBENZENE	2.655	2.760	-4.0	91	0.00
92		SEC-BUTYLBENZENE	2.846	2.908	-2.2	89	0.00
93		1,3-DICHLOROBENZENE	1.638	1.595	2.6	87	0.00
94		P-ISOPROPYLTOLUENE	2.333	2.385	-2.2	89	0.00
95		1,4-DICHLOROBENZENE	1.680	1.664	1.0	86	0.00
96		N-BUTYLBENZENE	2.188	2.205	-0.8	87	0.00
97		1,2-DICHLOROBENZENE	1.595	1.575	1.3	86	0.00
98		1,2-DIBROMO-3-CHLOROPROPANE	0.139	0.090	35.3#	63	0.00
99		1,3,5-TRICHLOROBENZENE	1.099	1.055	4.0	84	0.00
100		1,2,4-TRICHLOROBENZENE	0.958	0.807	15.8	71	0.00
101		HEXACHLOROBUTADIENE	0.451	0.405	10.2	84	0.00

2412

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 25 10:29:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
102	NAPHTHALENE	1.969	1.338	32.0#	61	0.00
103	1,2,3-TRICHLOROBENZENE	0.864	0.654	24.3#	65	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 25 10:29:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1		PENTAFLUOROBENZENE - ISTD	30.000	30.000	0.0	90	0.00
2	S	1,2-DICHLOROETHANE-D4 SS	25.000	25.244	-1.0	91	0.00
3		DICHLORODIFLUOROMETHANE	10.000	6.878	31.2#	57	0.00
4		DIFLUOROCHLOROMETHANE	10.000	9.008	9.9	77	0.00
5	P	CHLOROMETHANE	10.000	8.537	14.6	77	0.00
6	C	VINYL CHLORIDE	10.000	8.750	12.5	74	0.00
7		BROMOMETHANE	10.000	10.494	-4.9	99	0.00
8		CHLOROETHANE	10.000	10.037	-0.4	89	0.00
9		FLUORODICHLOROMETHANE	10.000	10.463	-4.6	93	0.00
10		TRICHLOROFLUOROMETHANE	10.000	9.716	2.8	81	0.00
11		ETHANOL	100.000	85.736	14.3	87	0.00
12		DI ETHYL ETHER	10.000	10.458	-4.6	94	0.00
13		ACROLEIN	100.000	103.936	-3.9	96	0.00
14		ACETONE	100.000	108.489	-8.5	97	0.00
15	C	1,1-DICHLOROETHENE	10.000	10.161	-1.6	89	0.00
16		1,1,2-TRICL-1,2,2-TRIFLETHA	10.000	9.903	1.0	86	0.00
17		IODOMETHANE	100.000	107.447	-7.4	85	0.00
18		ACETONITRILE	-1.000	0.000	0.0	0	0.03
19		ALLYL CHLORIDE	-1.000	0.000	0.0	0	-0.08
20		METHYL ACETATE	10.000	10.300	-3.0	91	0.00
21		T-BUTYL ALCOHOL	100.000	80.237	19.8	72	0.00
22		ACRYLONITRILE	10.000	10.198	-2.0	95	0.00
23		METHYLENE CHLORIDE	10.000	10.108	-1.1	90	0.00
24		CARBON DISULFIDE	100.000	103.997	-4.0	85	0.00
25		METHYL TERT-BUTYL ETHER (MT	10.000	10.113	-1.1	85	0.00
26		TRANS 1,2-DICHLOROETHENE	10.000	10.308	-3.1	87	0.00
27	P	1,1-DICHLOROETHANE	10.000	10.053	-0.5	88	0.00
28		VINYL ACETATE	100.000	100.077	-0.1	84	0.00
29		DI ISOPROYL ETHER	10.000	10.672	-6.7	90	0.00
30		CHLOROPRENE	-1.000	0.000	0.0	0	-2.40#
31		2-BUTANONE	100.000	109.261	-9.3	96	0.00
32		T-BUTYL ETHYL ETHER	10.000	9.841	1.6	85	0.00
33		CIS-1,2-DICHLOROETHENE	10.000	10.558	-5.6	92	0.00
34		2,2-DICHLOROPROPANE	10.000	9.419	5.8	85	0.00
35		ETHYL ACETATE	10.000	9.476	5.2	88	0.00
36		PROPIONITRILE	-1.000	0.000	0.0	0	-2.92#
37		METHACRYLONITRILE	-1.000	0.000	0.0	0	0.05
38		BROMOCHLOROMETHANE	10.000	10.497	-5.0	92	0.00
39		TETRAHYDROFURAN	10.000	10.267	-2.7	93	0.00
40	C	CHLOROFORM	10.000	10.264	-2.6	90	0.00
41		1,1,1-TRICHLOROETHANE	10.000	8.951	10.5	78	0.00
42		CYCLOHEXANE	10.000	10.045	-0.4	90	0.00
43		CARBON TETRACHLORIDE	10.000	7.010	29.9#	61	0.00
44		1,1-DICHLOROPROPENE	10.000	10.293	-2.9	93	0.00
45		BENZENE	10.000	10.531	-5.3	91	0.00
46		ISOBUTANOL	-1.000	0.000	0.0	0	0.15
47		T-AMYLMETHYL ETHER	10.000	9.869	1.3	83	0.00
48		1,4-DIFLUOROBENZENE - ISTD	30.000	30.000	0.0	90	0.00
49	S	TOLUENE SS	25.000	25.826	-3.3	95	0.00
50		1,2-DICHLOROETHANE	10.000	10.152	-1.5	88	0.00
51		TRICHLOROETHENE	10.000	10.375	-3.8	91	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 25 10:29:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
52		METHYLCYCLOHEXANE	10.000	9.956	0.4	91	0.00
53	C	1,2-DICHLOROPROPANE	10.000	9.762	2.4	85	0.00
54		DIBROMOMETHANE	10.000	10.363	-3.6	91	0.00
55		METHYL METHACRYLATE	-1.000	0.000	0.0	0	-0.18
56		1,4-DIOXANE	100.000	102.394	-2.4	85	0.00
57		BROMODICHLOROMETHANE	10.000	8.942	10.6	79	0.00
58		2-CHLOROETHYLVINYLETHER	100.000	114.282	-14.3	95	0.00
59		MIBK	100.000	107.246	-7.2	93	0.00
60		CIS-1,3-DICHLOROPROPENE	10.000	9.447	5.5	81	0.00
61	C	TOLUENE	10.000	10.292	-2.9	90	0.00
62		TRANS-1,3,-DICHLOROPROPENE	10.000	9.089	9.1	81	0.00
63		ETHYL METHACRYLATE	10.000	8.861	11.4	77	0.00
64		1,1,2-TRICHLOROETHANE	10.000	10.580	-5.8	90	0.00
65		2-HEXANONE	100.000	104.211	-4.2	90	0.00
66		TETRACHLOROETHENE	10.000	9.726	2.7	88	0.00
67		1,3-DICHLOROPROPANE	10.000	10.593	-5.9	94	0.00
68		DIBROMOCHLOROMETHANE	10.000	8.037	19.6	69	0.00
69		1,2-DIBROMOETHANE	10.000	9.761	2.4	86	0.00
70		CHLOROBENZENE-D5 ISTD	30.000	30.000	0.0	93	0.00
71	S	4-BROMOFLUOROBENZENE SS	25.000	24.461	2.2	93	0.00
72	T	CHLOROBENZENE	10.000	10.094	-0.9	90	0.00
73		1,1,1,2-TETRACHLOROETHANE	10.000	7.616	23.8#	68	0.00
74	C	ETHYLBENZENE	10.000	10.050	-0.5	90	0.00
75		M/P-XYLENES	20.000	19.863	0.7	88	0.00
76		O-XYLENE	10.000	9.864	1.4	89	0.00
77		STYRENE	10.000	10.345	-3.5	92	0.00
78	P	BROMOFORM	10.000	6.869	31.3#	62	0.00
79		ISOPROPYLBENZENE	10.000	10.019	-0.2	91	0.00
80		CIS-1,4-DICHLORO-2-BUTENE	10.000	8.226	17.7	81	0.00
81	P	1,1,2,2-TETRACHLOROETHANE	10.000	9.914	0.9	90	0.00
82		1,4-DICHLORO-2-BUTENE(TRANS	10.000	7.100	29.0#	73	0.00
83		BROMOBENZENE	10.000	9.983	0.2	90	0.00
84		1,2,3-TRICHLOROPROPANE	10.000	9.917	0.8	91	0.00
85		N-PROPYLBENZENE	10.000	9.936	0.6	89	0.00
86		2-CHLOROTOLUENE	10.000	9.996	0.0	90	0.00
87		1,3,5-TRIMETHYLBENZENE	10.000	10.168	-1.7	90	0.00
88		4-CHLOROTOLUENE	10.000	9.850	1.5	89	0.00
89		1,4-DICHLOROBENZENE-D4-ISTD	30.000	30.000	0.0	92	0.00
90		TERT-BUTYLBENZENE	10.000	9.818	1.8	87	0.00
91		1,2,4-TRIMETHYLBENZENE	10.000	10.397	-4.0	91	0.00
92		SEC-BUTYLBENZENE	10.000	10.218	-2.2	89	0.00
93		1,3-DICHLOROBENZENE	10.000	9.739	2.6	87	0.00
94		P-ISOPROPYLTOLUENE	10.000	10.224	-2.2	89	0.00
95		1,4-DICHLOROBENZENE	10.000	9.909	0.9	86	0.00
96		N-BUTYLBENZENE	10.000	10.079	-0.8	87	0.00
97		1,2-DICHLOROBENZENE	10.000	9.874	1.3	86	0.00
98		1,2-DIBROMO-3-CHLOROPROPANE	10.000	6.514	34.9#	63	0.00
99		1,3,5-TRICHLOROBENZENE	10.000	9.603	4.0	84	0.00
100		1,2,4-TRICHLOROBENZENE	10.000	8.427	15.7	71	0.00
101		HEXACHLOROBUTADIENE	10.000	8.987	10.1	84	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 25 10:29:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
102	NAPHTHALENE	10.000	6.796	32.0#	61	0.00
103	1,2,3-TRICHLOROBENZENE	10.000	7.564	24.4#	65	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 25 10:29:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	177907	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	277579	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	177980	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	185990	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.67	65	95019	25.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%				
49) TOLUENE SS	5.61	98	286314	25.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.32%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	143266	24.46	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.84%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	39933	6.88	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.88	51	56687	9.01	UG/L		98
5) CHLOROMETHANE	0.95	50	39303	8.54	UG/L		96
6) VINYL CHLORIDE	1.00	62	40330	8.75	UG/L		100
7) BROMOMETHANE	1.15	94	32040	10.49	UG/L		99
8) CHLOROETHANE	1.19	64	21090	10.04	UG/L		96
9) FLUORODICHLOROMETHANE	1.28	67	75447	10.46	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.31	101	59283	9.72	UG/L		98
11) ETHANOL	1.41	45	3029m	85.74	UG/L		
12) DI ETHYL ETHER	1.45	59	26008	10.46	UG/L		99
13) ACROLEIN	1.52	56	37671	103.94	UG/L		98
14) ACETONE	1.60	43	103747	108.49	UG/L		99
15) 1,1-DICHLOROETHENE	1.57	61	57695	10.16	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIFLETH	1.57	101	31523	9.90	UG/L		98
17) IODOMETHANE	1.66	142	548308	107.45	UG/L		94
20) METHYL ACETATE	1.79	43	54738	10.30	UG/L		99
21) T-BUTYL ALCOHOL	1.93	59	26824	80.24	UG/L	#	95
22) ACRYLONITRILE	2.01	53	15305	10.20	UG/L		97
23) METHYLENE CHLORIDE	1.85	49	51752	10.11	UG/L		99
24) CARBON DISULFIDE	1.69	76	999179	104.00	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	128736	10.11	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.02	61	60997	10.31	UG/L		98
27) 1,1-DICHLOROETHANE	2.33	63	79347	10.05	UG/L		99
28) VINYL ACETATE	2.38	43	795408	100.08	UG/L	#	100
29) DI ISOPROYL ETHER	2.39	45	147935	10.67	UG/L		98
31) 2-BUTANONE	2.87	43	183491	109.26	UG/L		98
32) T-BUTYL ETHYL ETHER	2.71	59	144897	9.84	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.83	61	77523	10.56	UG/L		99
34) 2,2-DICHLOROPROPANE	2.83	77	54458	9.42	UG/L		98
35) ETHYL ACETATE	2.94	43	43319	9.48	UG/L		99
38) BROMOCHLOROMETHANE	3.07	49	37508	10.50	UG/L		97
39) TETRAHYDROFURAN	3.14	42	11072	10.27	UG/L		96
40) CHLOROFORM	3.17	83	90138	10.26	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.34	97	68690	8.95	UG/L		97
42) CYCLOHEXANE	3.39	56	63568	10.05	UG/L		98
43) CARBON TETRACHLORIDE	3.51	117	36636	7.01	UG/L		100
44) 1,1-DICHLOROPROPENE	3.52	75	64452	10.29	UG/L		98
45) BENZENE	3.72	78	175472	10.53	UG/L		99
47) T-AMYLMETHYL ETHER	3.87	73	116956	9.87	UG/L		96
50) 1,2-DICHLOROETHANE	3.75	62	76133	10.15	UG/L	#	88
51) TRICHLOROETHENE	4.39	95	49832	10.37	UG/L		100
52) METHYLCYCLOHEXANE	4.57	83	59175	9.96	UG/L		99

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

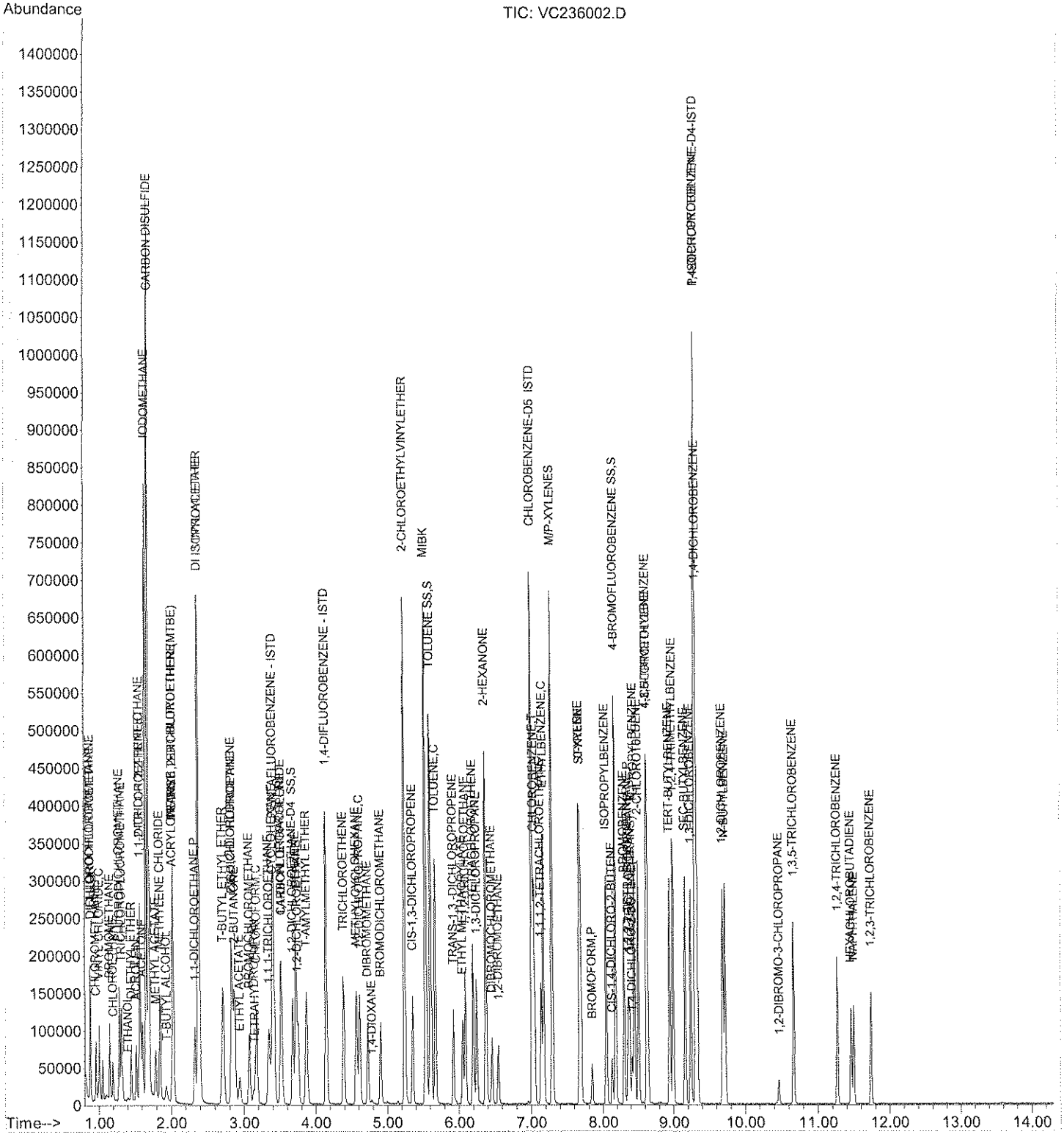
Quant Time: Aug 25 10:29:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 1,2-DICHLOROPROPANE	4.62	63	41872	9.76	UG/L	#	95
54) DIBROMOMETHANE	4.72	93	32207	10.36	UG/L		98
56) 1,4-DIOXANE	4.79	88	3269m	102.39	UG/L		
57) BROMODICHLOROMETHANE	4.91	83	58152	8.94	UG/L		100
58) 2-CHLOROETHYLVINYLETHER	5.24	63	240861	114.28	UG/L		99
59) MIBK	5.54	43	391892	107.25	UG/L		99
60) CIS-1,3-DICHLOROPROPENE	5.36	75	63574	9.45	UG/L		99
61) TOLUENE	5.67	91	189217	10.29	UG/L		98
62) TRANS-1,3,-DICHLOROPROPENE	5.92	75	52272	9.09	UG/L		100
63) ETHYL METHACRYLATE	6.05	69	45628	8.86	UG/L		97
64) 1,1,2-TRICHLOROETHANE	6.09	97	42858	10.58	UG/L		98
65) 2-HEXANONE	6.37	43	265663	104.21	UG/L		99
66) TETRACHLOROETHENE	6.20	166	49910	9.73	UG/L		96
67) 1,3-DICHLOROPROPANE	6.24	76	70206	10.59	UG/L		98
68) DIBROMOCHLOROMETHANE	6.46	129	36178	8.04	UG/L		100
69) 1,2-DIBROMOETHANE	6.55	107	42515	9.76	UG/L		99
72) CHLOROBENZENE	7.05	112	125531	10.09	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.13	131	32664	7.62	UG/L		95
74) ETHYLBENZENE	7.17	91	219134	10.05	UG/L		98
75) M/P-XYLENES	7.29	91	333574	19.86	UG/L		98
76) 0-XYLENE	7.67	91	173595	9.86	UG/L		99
77) STYRENE	7.69	104	137625	10.34	UG/L		97
78) BROMOFORM	7.85	173	19655	6.87	UG/L		97
79) ISOPROPYLBENZENE	8.05	105	171130	10.02	UG/L		100
80) CIS-1,4-DICHLORO-2-BUTENE	8.13	53	11192	8.23	UG/L	#	71
81) 1,1,2,2-TETRACHLOROETHANE	8.36	83	52732	9.91	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(TRAN	8.42	53	10645	7.10	UG/L		85
83) BROMOBENZENE	8.30	77	84382	9.98	UG/L		99
84) 1,2,3-TRICHLOROPROPANE	8.38	75	41203	9.92	UG/L		97
85) N-PROPYLBENZENE	8.45	91	228855	9.94	UG/L		99
86) 2-CHLOROTOLUENE	8.51	91	148439	10.00	UG/L		100
87) 1,3,5-TRIMETHYLBENZENE	8.64	105	165577	10.17	UG/L		100
88) 4-CHLOROTOLUENE	8.62	91	168007	9.85	UG/L		99
90) TERT-BUTYLBENZENE	8.94	119	126584	9.82	UG/L		100
91) 1,2,4-TRIMETHYLBENZENE	8.99	105	171107	10.40	UG/L		100
92) SEC-BUTYLBENZENE	9.16	105	180302	10.22	UG/L		100
93) 1,3-DICHLOROBENZENE	9.24	146	98903	9.74	UG/L		99
94) P-ISOPROPYLTOLUENE	9.32	119	147855	10.22	UG/L		100
95) 1,4-DICHLOROBENZENE	9.33	146	103182	9.91	UG/L		98
96) N-BUTYLBENZENE	9.72	91	136713	10.08	UG/L		99
97) 1,2-DICHLOROBENZENE	9.69	146	97664	9.87	UG/L		100
98) 1,2-DIBROMO-3-CHLOROPROPAN	10.46	75	5599	6.51	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.67	180	65408	9.60	UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.27	180	50030	8.43	UG/L		99
101) HEXACHLOROBUTADIENE	11.46	225	25102	8.99	UG/L		98
102) NAPHTHALENE	11.50	128	82947	6.80	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.74	180	40515	7.56	UG/L		99

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

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

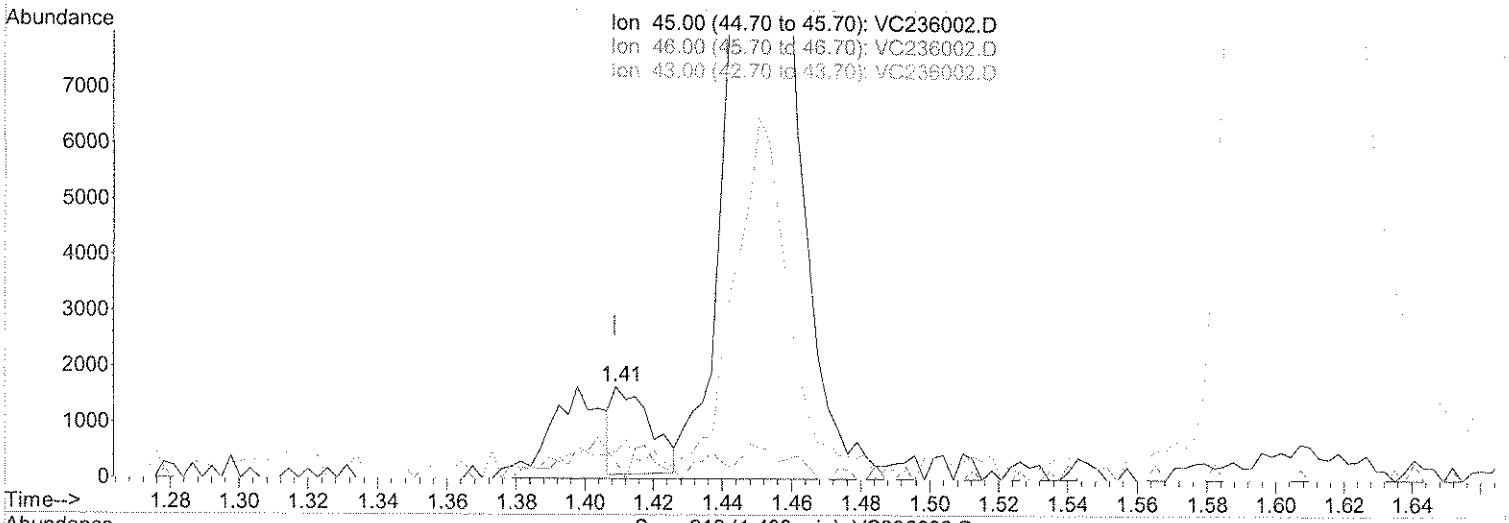
Quant Time: Aug 25 10:29:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

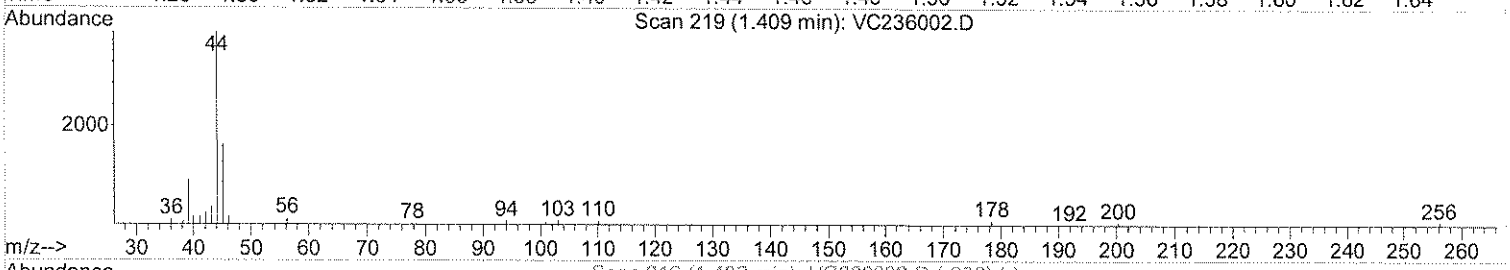


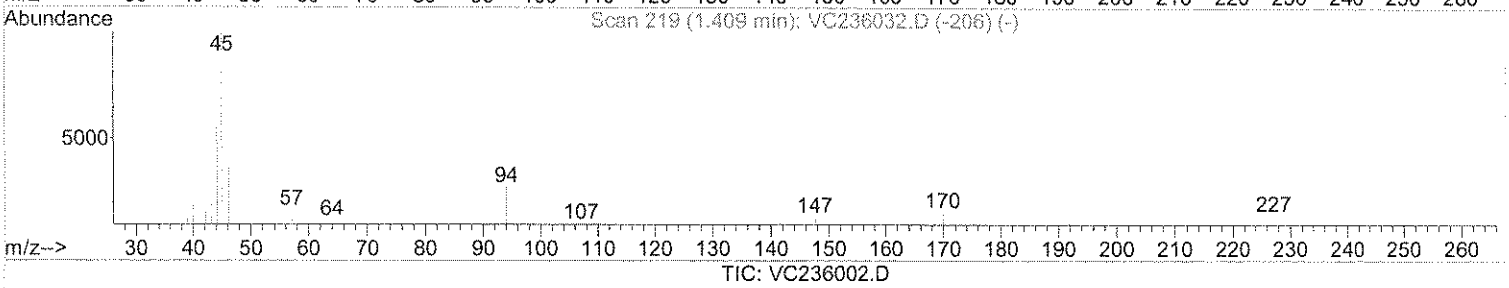
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236002.D
Acq On : 24 Aug 2011 2:13 pm
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 24 14:30:54 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236002.D

(11) ETHANOL

1.409min (+0.000) -11.35UG/L

response 1215

Ion	Exp%	Act%
45.00	100	100
46.00	38.40	54.24#
43.00	21.90	0.00#
0.00	0.00	0.00

Response of analyte	3269	14 Dioxane	
Response of IS	277579		
ng of analyte	500	ppb of analyte	100
ng of IS	150	ppb is IS	30
RF	0.003533		
CCV RF	0.003533		
ICV RF	0.00345		
%D	2.407196		

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ANALYTICAL LABORATORY
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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-BLK1	File ID:	VC236007.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/24/11 16:49
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

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

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-BLK1	File ID:	VC236007.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/24/11 16:49
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

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

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-BLK1	File ID:	VC236007.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/24/11 16:49
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236007.D
Acq On : 24 Aug 2011 4:49 pm
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 25 10:35:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

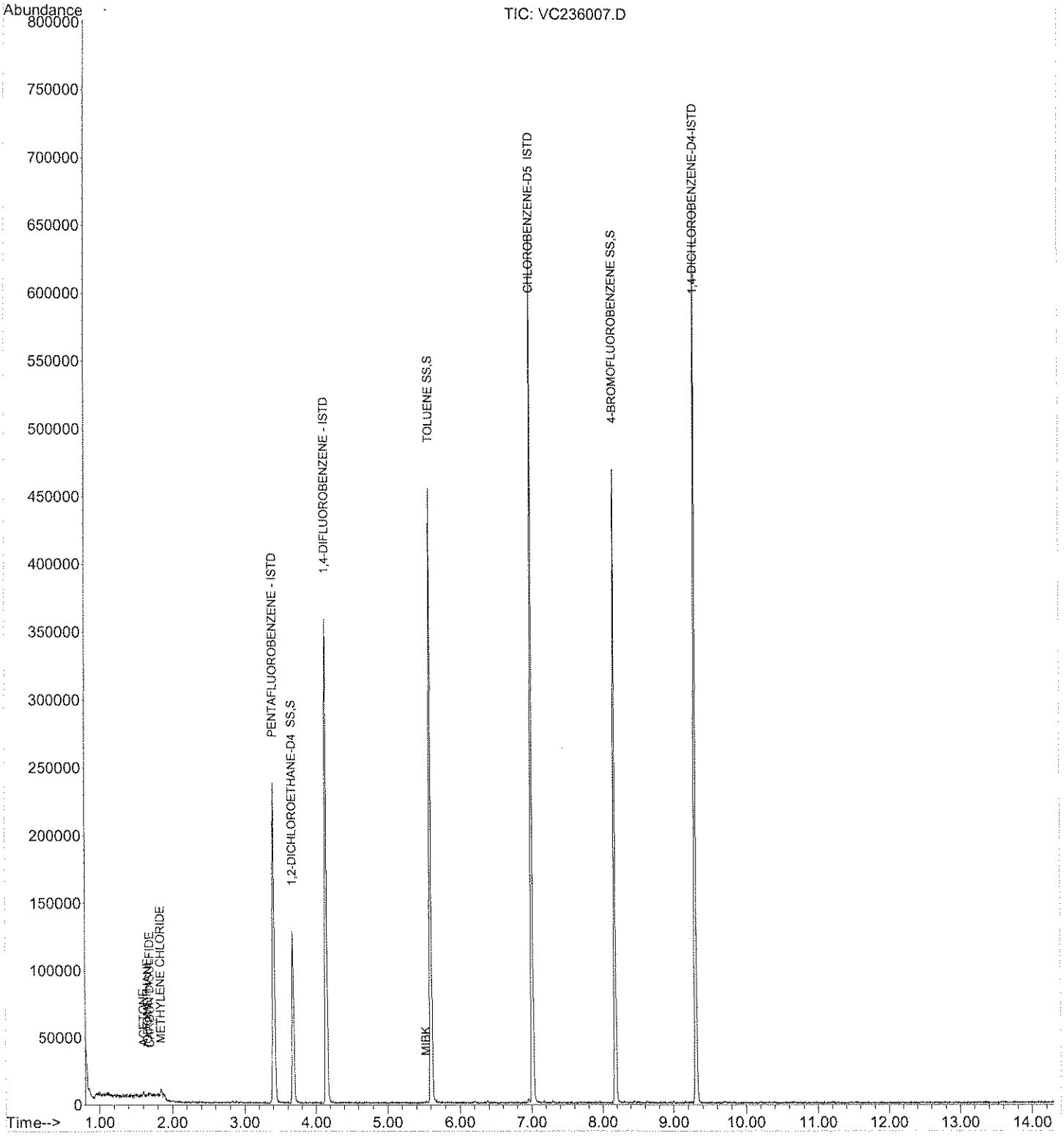
CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

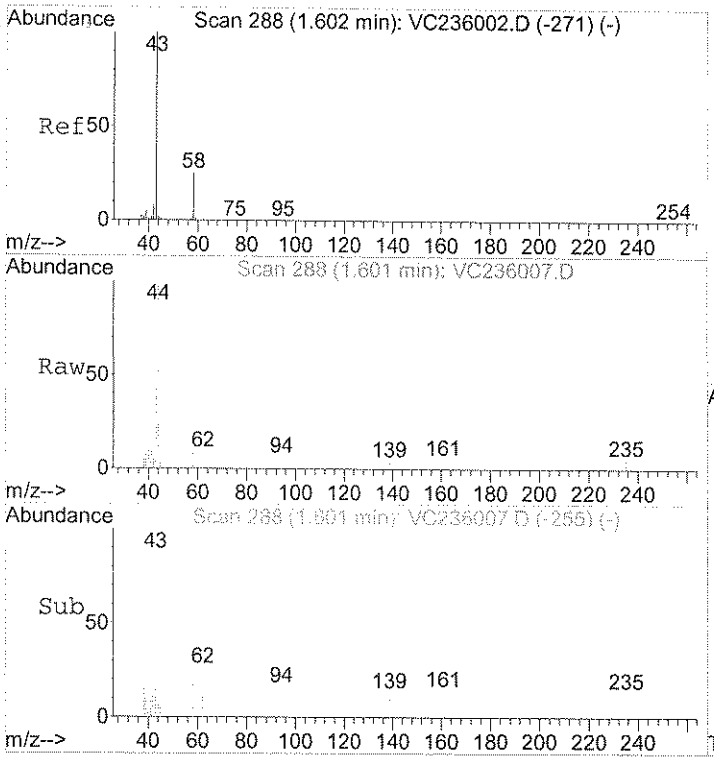
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	161031	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	255749	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	160740	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	156860	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	87605	25.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.84%			
49) TOLUENE SS	5.61	98	256955	25.16	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%			
71) 4-BROMOFLUOROBENZENE SS	8.18	95	126119	23.84	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.36%			
Target Compounds						Qvalue
14) ACETONE	1.60	43	2334	2.70	UG/L #	50
17) IODOMETHANE	1.67	142	1660m	0.36	UG/L	
23) METHYLENE CHLORIDE	1.84	49	1375	0.30	UG/L #	67
24) CARBON DISULFIDE	1.69	76	1160	0.13	UG/L #	100
59) MIBK	5.53	43	670	0.20	UG/L #	46

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

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236007.D
Acq On : 24 Aug 2011 4:49 pm
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 25 10:35:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

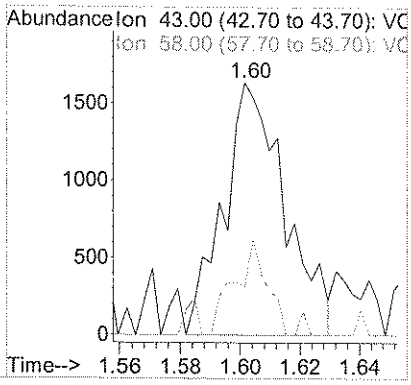


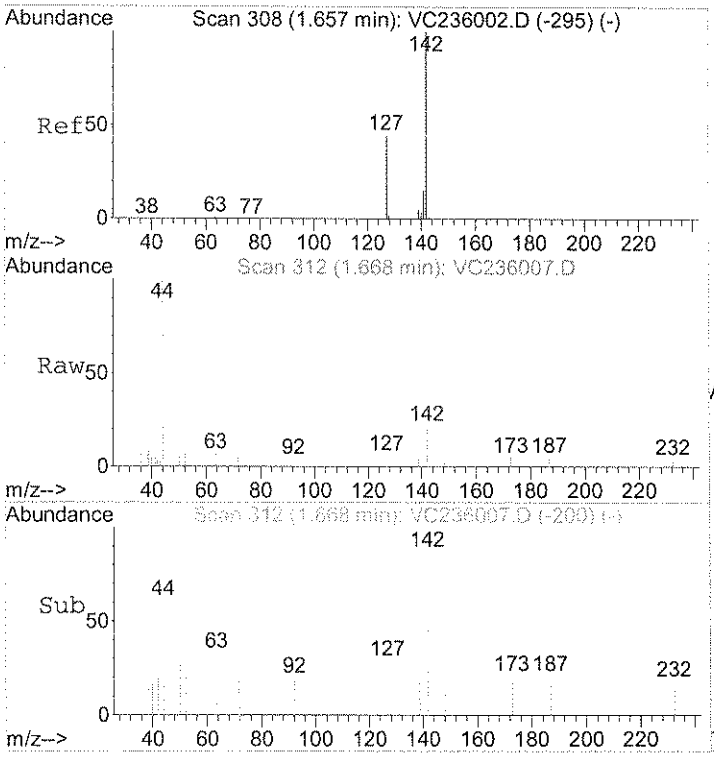


#14
ACETONE
Concen: 2.70 UG/L
RT: 1.60 min Scan# 288
Delta R.T. -0.00 min
Lab File: VC236007.D
Acq: 24 Aug 2011 4:49 pm

Tgt Ion: 43 Resp: 2334

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.2	30.2#

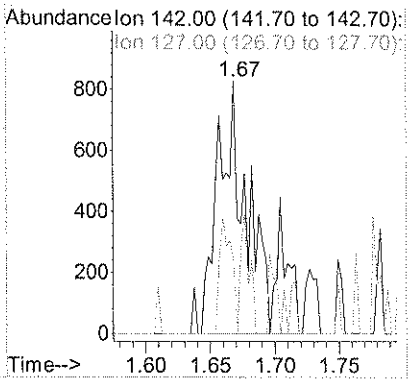


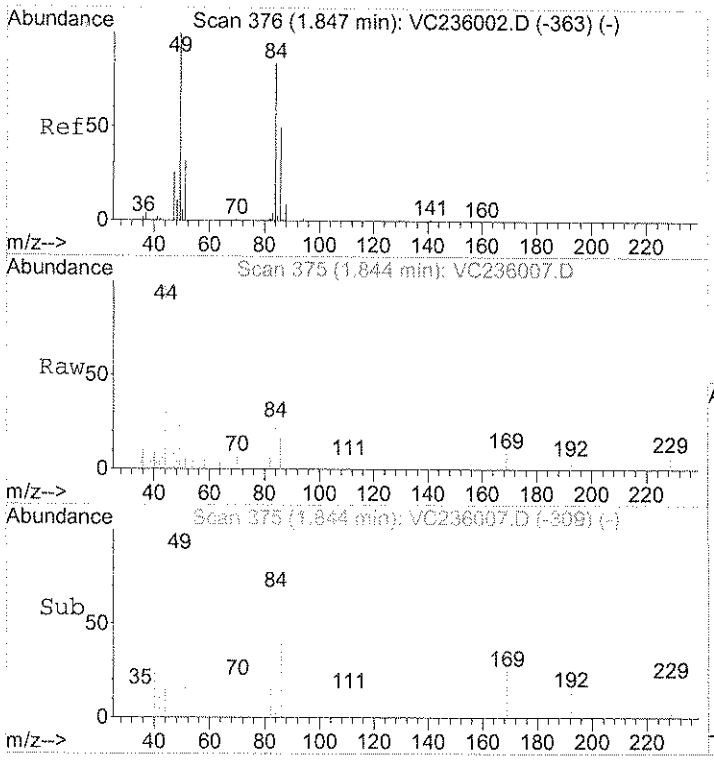


#17
IODOMETHANE
Concen: 0.36 UG/L m
RT: 1.67 min Scan# 312
Delta R.T. 0.01 min
Lab File: VC236007.D
Acq: 24 Aug 2011 4:49 pm

Tgt Ion:142 Resp: 1660

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.2	48.2#

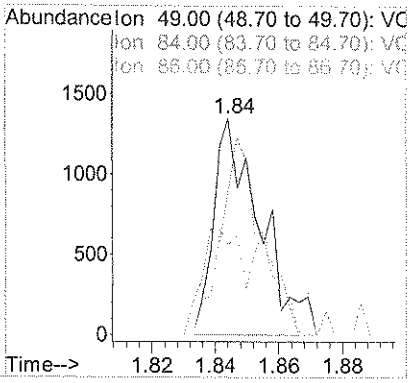


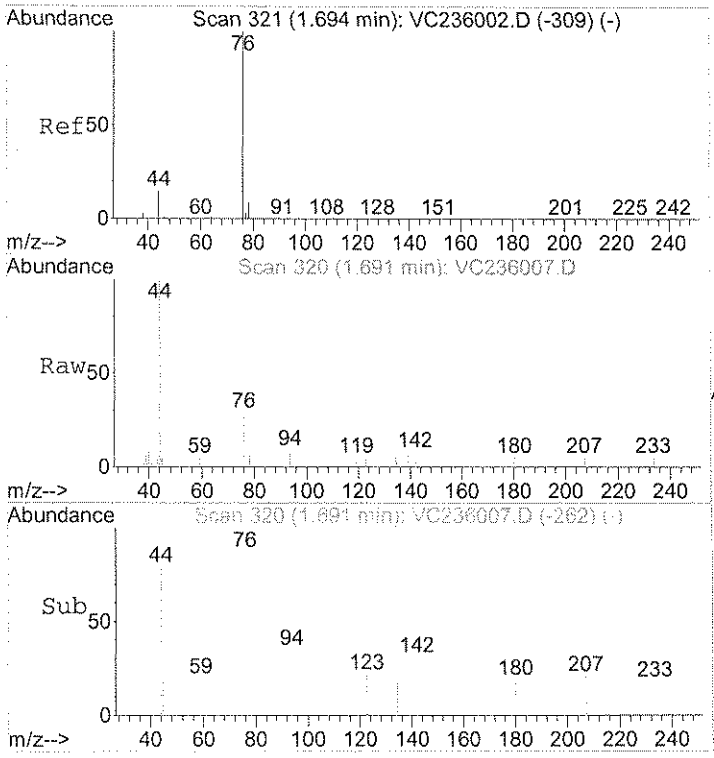


#23
METHYLENE CHLORIDE
Concen: 0.30 UG/L
RT: 1.84 min Scan# 375
Delta R.T. -0.01 min
Lab File: VC236007.D
Acq: 24 Aug 2011 4:49 pm

Tgt Ion: 49 Resp: 1375

Ion	Ratio	Lower	Upper
49	100		
84	87.1	63.0	94.6
86	0.0	39.1	58.7#

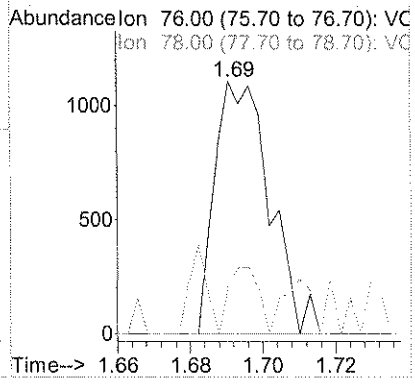


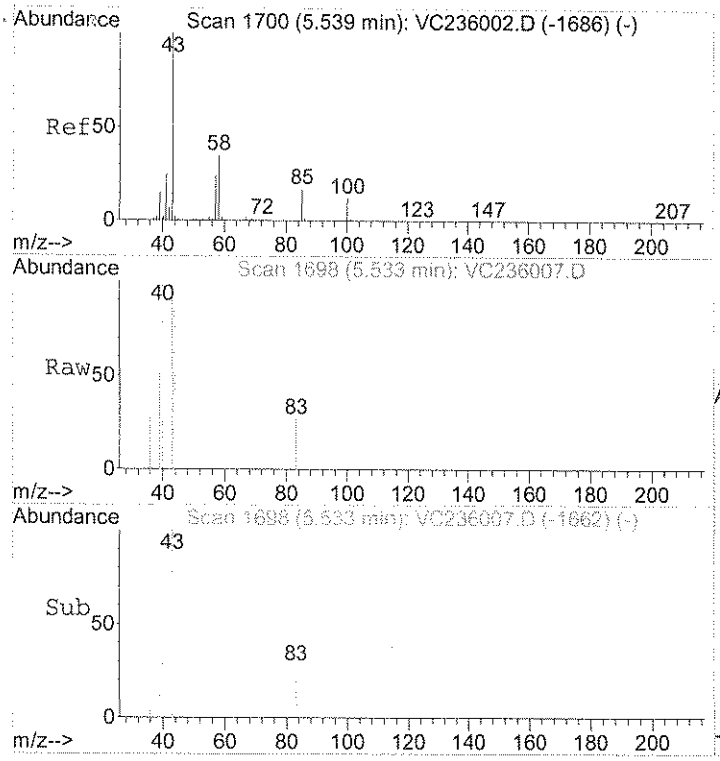


#24
CARBON DISULFIDE
Concen: 0.13 UG/L
RT: 1.69 min Scan# 320
Delta R.T. -0.00 min
Lab File: VC236007.D
Acq: 24 Aug 2011 4:49 pm

Tgt Ion: 76 Resp: 1160

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

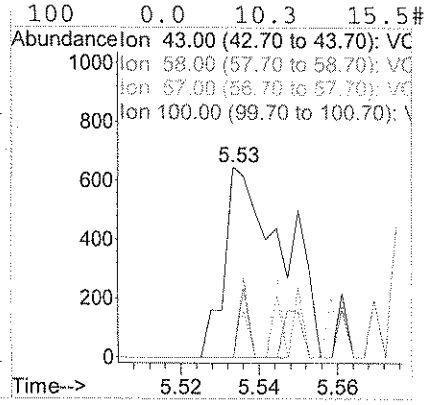




#59
MIBK
Concen: 0.20 UG/L
RT: 5.53 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VC236007.D
Acq: 24 Aug 2011 4:49 pm

Tgt Ion: 43 Resp: 670

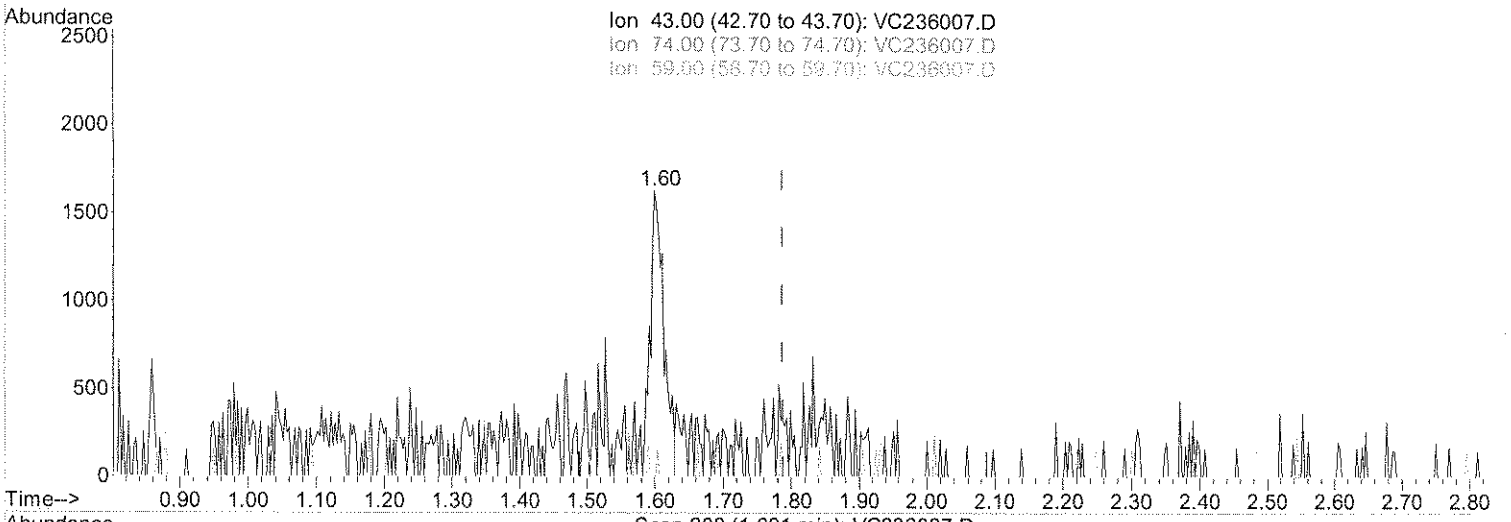
Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.6	46.0#
57	0.0	20.2	30.2#
100	0.0	10.3	15.5#

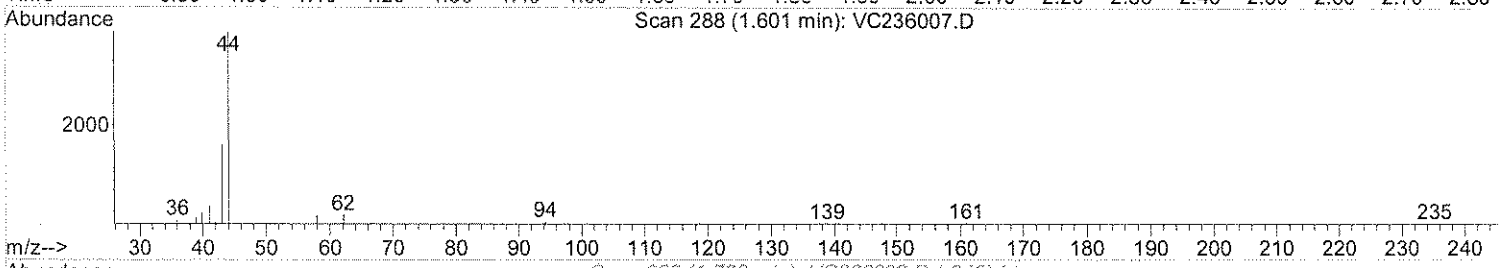


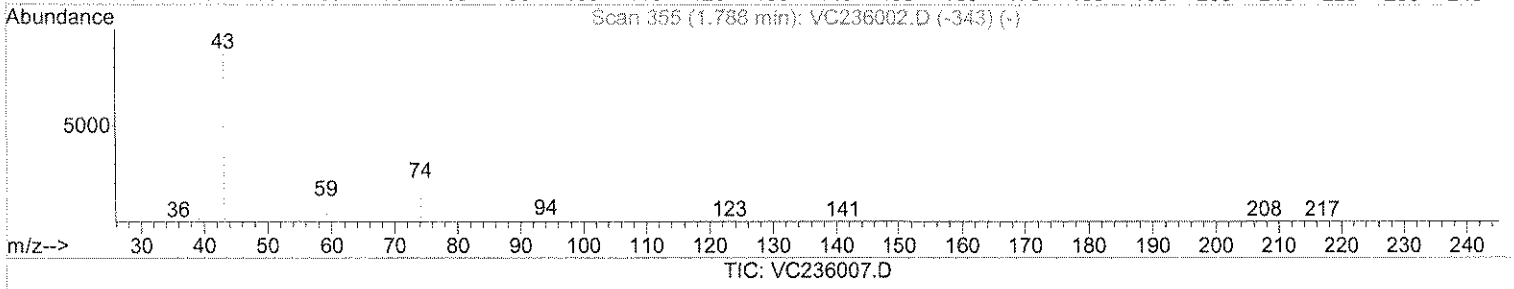
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236007.D
Acq On : 24 Aug 2011 4:49 pm
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 24 17:48:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236007.D

(20) METHYL ACETATE

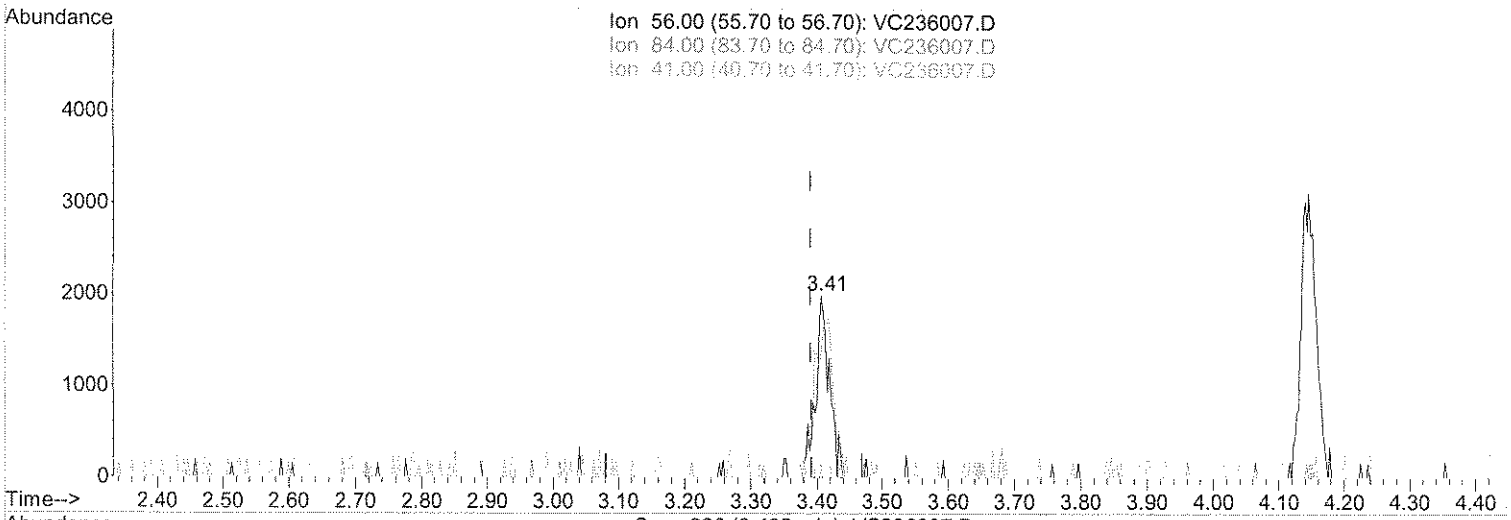
1.601min (-0.187) 0.49UG/L

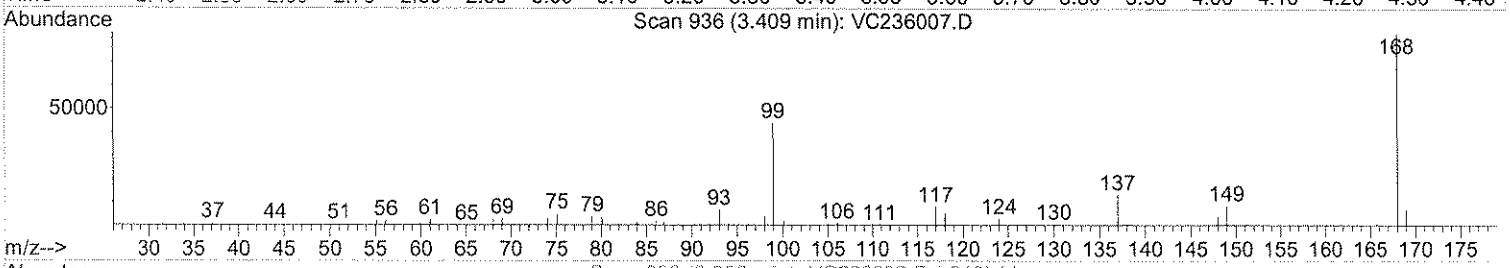
response 2334

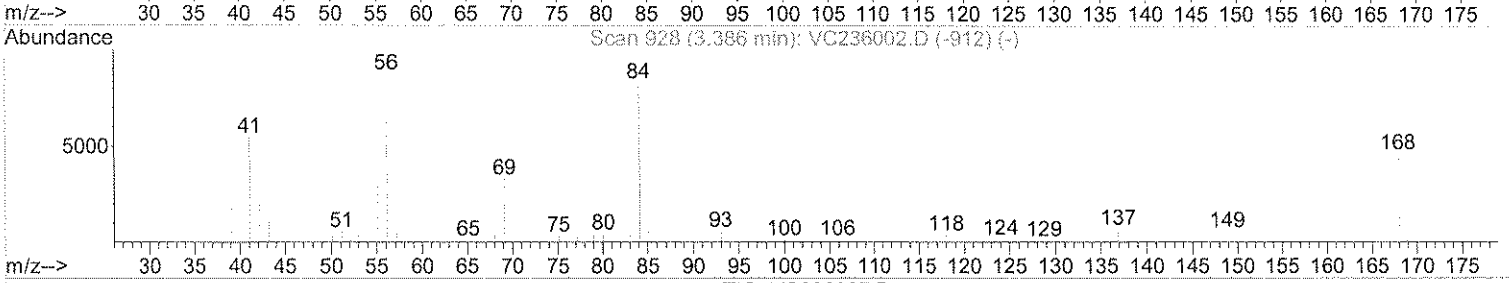
Ion	Exp%	Act%
43.00	100	100
74.00	20.80	0.00#
59.00	8.40	0.00#
0.00	0.00	0.00

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236007.D
Acq On : 24 Aug 2011 4:49 pm
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 24 17:48:31 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236007.D

(42) CYCLOHEXANE

3.409min (+0.017) 0.49UG/L

response 2795

Ion	Exp%	Act%
56.00	100	100
84.00	92.50	75.06
41.00	62.90	0.00#
0.00	0.00	0.00

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-BS1	File ID:	VC236004.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/24/11 15:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	167	0.54	50	L-07
107-13-1	Acrylonitrile	11.0	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.1	0.11	0.50	
71-43-2	Benzene	12.2	0.050	1.0	
108-86-1	Bromobenzene	11.1	0.10	1.0	
74-97-5	Bromochloromethane	12.3	0.10	1.0	
75-27-4	Bromodichloromethane	9.91	0.080	0.50	
75-25-2	Bromoform	8.20	0.25	1.0	V-05
74-83-9	Bromomethane	8.46	0.38	2.0	
78-93-3	2-Butanone (MEK)	126	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	87.3	3.5	20	
104-51-8	n-Butylbenzene	11.2	0.050	1.0	
135-98-8	sec-Butylbenzene	11.8	0.050	1.0	
98-06-6	tert-Butylbenzene	11.2	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.41	0.070	0.50	
75-15-0	Carbon Disulfide	13.6	0.050	2.0	L-07
56-23-5	Carbon Tetrachloride	8.65	0.090	5.0	V-05
108-90-7	Chlorobenzene	11.5	0.050	1.0	
124-48-1	Chlorodibromomethane	9.26	0.12	0.50	
75-00-3	Chloroethane	10.7	0.33	2.0	
67-66-3	Chloroform	11.7	0.040	2.0	
74-87-3	Chloromethane	8.73	0.13	2.0	
95-49-8	2-Chlorotoluene	11.2	0.050	1.0	
106-43-4	4-Chlorotoluene	11.4	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.56	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	11.5	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-BS1	File ID:	VC236004.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/24/11 15:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.0	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.2	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	11.1	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	6.96	0.77	2.0	L-07, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	9.59	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	11.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.9	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.8	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	13.2	0.070	1.0	L-07
78-87-5	1,2-Dichloropropane	11.3	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.9	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.4	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.9	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.8	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.4	0.12	0.50	
60-29-7	Diethyl Ether	11.6	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.2	0.030	0.50	
123-91-1	1,4-Dioxane	107	3.5	50	V-16
100-41-4	Ethylbenzene	11.3	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.9	0.26	0.50	
591-78-6	2-Hexanone (MBK)	117	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	13.1	0.060	1.0	L-07
99-87-6	p-Isopropyltoluene (p-Cymene)	11.9	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.4	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-BS1	File ID:	VC236004.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/24/11 15:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.8	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	115	0.22	10	
91-20-3	Naphthalene	8.18	0.21	2.0	V-05
103-65-1	n-Propylbenzene	11.3	0.040	1.0	
100-42-5	Styrene	10.9	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.32	0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane	11.0	0.18	0.50	
127-18-4	Tetrachloroethylene	11.7	0.14	1.0	
109-99-9	Tetrahydrofuran	11.3	1.0	10	
108-88-3	Toluene	11.8	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.91	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	9.66	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	10.2	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.8	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.8	0.080	1.0	
79-01-6	Trichloroethylene	11.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.6	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.4	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.9	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.2	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.2	0.060	1.0	
75-01-4	Vinyl Chloride	9.79	0.16	2.0	
108383/106423	m+p Xylene	22.3	0.070	2.0	
95-47-6	o-Xylene	11.2	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236004.D
Acq On : 24 Aug 2011 3:17 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 25 10:33:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	167638	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	260774	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	166654	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	174283	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	91288	25.74	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.96%				
49) TOLUENE SS	5.61	98	267177	25.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.60%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	135770	24.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	52481	9.59	UG/L		97
4) DIFLUOROCHLOROMETHANE	0.88	51	42232	7.12	UG/L		99
5) CHLOROMETHANE	0.95	50	37863	8.73	UG/L		100
6) VINYL CHLORIDE	1.00	62	42519	9.79	UG/L		100
7) BROMOMETHANE	1.15	94	24333	8.46	UG/L		97
8) CHLOROETHANE	1.19	64	21256	10.74	UG/L		96
9) FLUORODICHLOROMETHANE	1.28	67	62811	9.24	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.31	101	61142	10.63	UG/L		99
12) DI ETHYL ETHER	1.45	59	27182	11.60	UG/L		96
13) ACROLEIN	1.52	56	52221	152.91	UG/L		99
14) ACETONE	1.60	43	150680	167.22	UG/L		97
15) 1,1-DICHLOROETHENE	1.57	61	63331	11.84	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIFLETH	1.57	101	35632	11.88	UG/L		97
17) IODOMETHANE	1.66	142	76876	15.99	UG/L		91
20) METHYL ACETATE	1.79	43	43678	8.72	UG/L		98
21) T-BUTYL ALCOHOL	1.93	59	27511	87.33	UG/L	#	95
22) ACRYLONITRILE	2.01	53	15617	11.04	UG/L		98
23) METHYLENE CHLORIDE	1.85	49	52032	10.78	UG/L		99
24) CARBON DISULFIDE	1.70	76	123255	13.61	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	137125	11.43	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.02	61	73408	13.16	UG/L		99
27) 1,1-DICHLOROETHANE	2.33	63	87525	11.77	UG/L		98
28) VINYL ACETATE	2.38	43	856858	114.41	UG/L	#	100
29) DI ISOPROYL ETHER	2.39	45	146055	11.18	UG/L		99
31) 2-BUTANONE	2.87	43	198717	125.58	UG/L		99
32) T-BUTYL ETHYL ETHER	2.71	59	130590	9.41	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.84	61	79001	11.42	UG/L		97
34) 2,2-DICHLOROPROPANE	2.83	77	56568	10.38	UG/L		96
35) ETHYL ACETATE	2.94	43	35001	8.13	UG/L		96
38) BROMOCHLOROMETHANE	3.08	49	41536	12.34	UG/L		97
39) TETRAHYDROFURAN	3.14	42	11470m	11.29	UG/L		
40) CHLOROFORM	3.17	83	97023	11.72	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.34	97	78313	10.83	UG/L		98
42) CYCLOHEXANE	3.39	56	67101	11.25	UG/L		99
43) CARBON TETRACHLORIDE	3.51	117	45116	8.65	UG/L		99
44) 1,1-DICHLOROPROPENE	3.52	75	70262	11.91	UG/L		99
45) BENZENE	3.73	78	192062	12.23	UG/L		99
47) T-AMYLMETHYL ETHER	3.87	73	124403	11.14	UG/L		96
50) 1,2-DICHLOROETHANE	3.76	62	83635	11.87	UG/L		100
51) TRICHLOROETHENE	4.39	95	52381	11.61	UG/L		98
52) METHYLCYCLOHEXANE	4.56	83	58955	10.56	UG/L		99
53) 1,2-DICHLOROPROPANE	4.61	63	45387	11.26	UG/L	#	99

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236004.D
Acq On : 24 Aug 2011 3:17 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 23 Sample Multiplier: 1

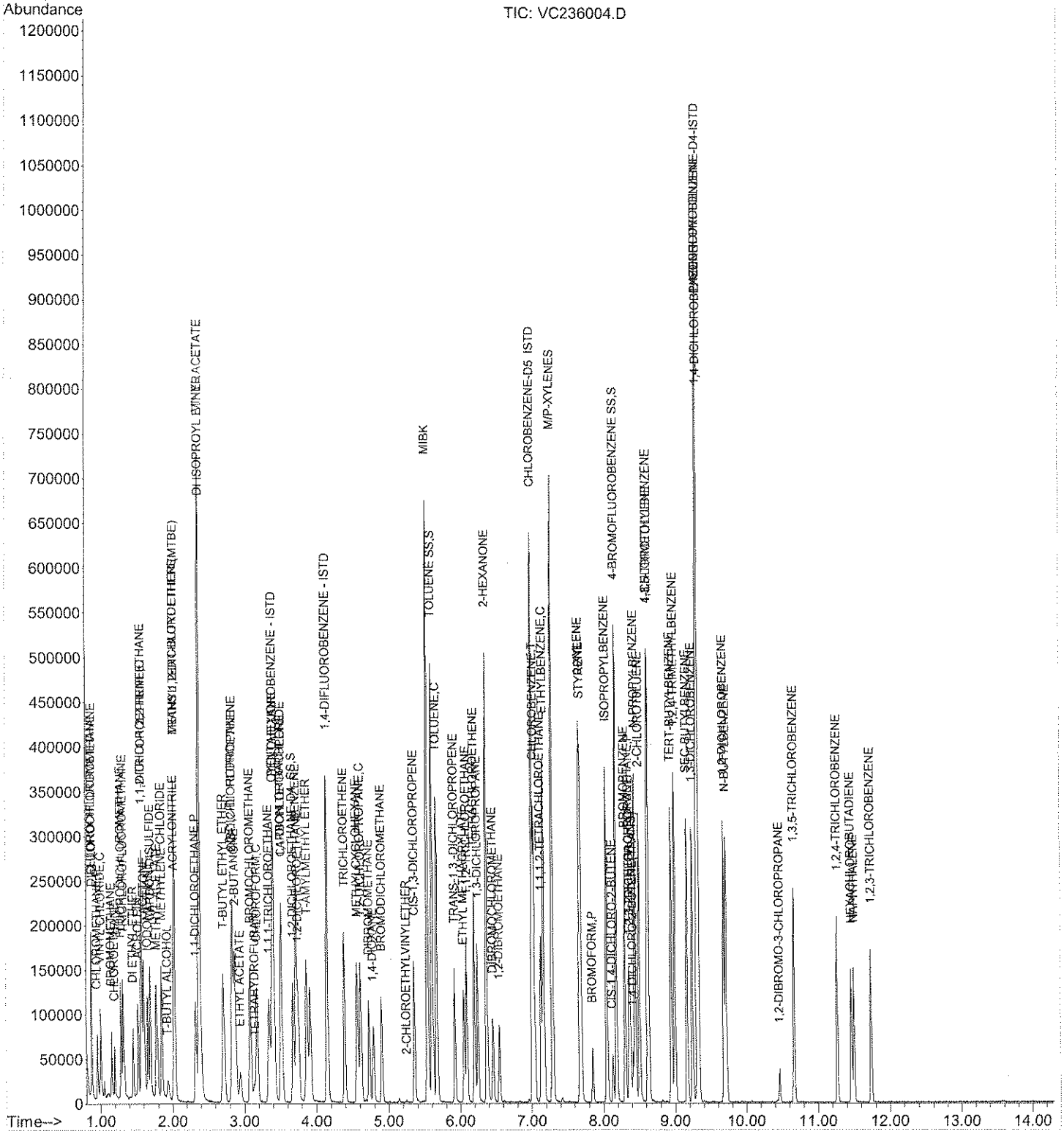
Quant Time: Aug 25 10:33:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	4.73	93	33296	11.40	UG/L		98
56) 1,4-DIOXANE	4.78	88	3207m	106.92	UG/L		
57) BROMODICHLOROMETHANE	4.91	83	60538	9.91	UG/L		100
58) 2-CHLOROETHYLVINYLETHER	5.25	63	803	0.41	UG/L	#	68
59) MIBK	5.54	43	395639	115.25	UG/L		99
60) CIS-1,3-DICHLOROPROPENE	5.35	75	68203	10.79	UG/L		99
61) TOLUENE	5.67	91	203265	11.77	UG/L		99
62) TRANS-1,3,-DICHLOROPROPENE	5.92	75	61360	11.36	UG/L		100
63) ETHYL METHACRYLATE	6.05	69	50715	10.48	UG/L		100
64) 1,1,2-TRICHLOROETHANE	6.09	97	44708	11.75	UG/L		96
65) 2-HEXANONE	6.37	43	280941	117.31	UG/L		98
66) TETRACHLOROETHENE	6.20	166	56408	11.70	UG/L		97
67) 1,3-DICHLOROPROPANE	6.25	76	74198	11.92	UG/L		100
68) DIBROMOCHLOROMETHANE	6.46	129	39170	9.26	UG/L		97
69) 1,2-DIBROMOETHANE	6.55	107	47031	11.49	UG/L		99
72) CHLOROBENZENE	7.04	112	134356	11.54	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.14	131	37440	9.32	UG/L		99
74) ETHYLBENZENE	7.17	91	231197	11.32	UG/L		99
75) M/P-XYLENES	7.29	91	351191	22.33	UG/L		99
76) 0-XYLENE	7.67	91	183818	11.16	UG/L		98
77) STYRENE	7.69	104	135674	10.89	UG/L		98
78) BROMOFORM	7.85	173	21962	8.20	UG/L		96
79) ISOPROPYLBENZENE	8.05	105	209989	13.13	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.13	53	9585	7.52	UG/L	#	76
81) 1,1,2,2-TETRACHLOROETHANE	8.36	83	54722	10.99	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(TRAN	8.42	53	9775	6.96	UG/L		88
83) BROMOBENZENE	8.30	77	87975	11.12	UG/L		99
84) 1,2,3-TRICHLOROPROPANE	8.38	75	40585	10.43	UG/L		97
85) N-PROPYLBENZENE	8.45	91	243169	11.27	UG/L		99
86) 2-CHLOROT0LUENE	8.51	91	155972	11.22	UG/L		100
87) 1,3,5-TRIMETHYLBENZENE	8.63	105	170526	11.18	UG/L		100
88) 4-CHLOROTOLUENE	8.62	91	182731	11.44	UG/L		100
90) TERT-BUTYLBENZENE	8.95	119	135969	11.25	UG/L		99
91) 1,2,4-TRIMETHYLBENZENE	9.00	105	172090	11.16	UG/L		99
92) SEC-BUTYLBENZENE	9.16	105	195778	11.84	UG/L		99
93) 1,3-DICHLOROBENZENE	9.24	146	106417	11.18	UG/L		100
94) P-ISOPROPYLTOLUENE	9.32	119	160663	11.86	UG/L		99
95) 1,4-DICHLOROBENZENE	9.33	146	108014	11.07	UG/L		98
96) N-BUTYLBENZENE	9.72	91	142849	11.24	UG/L		100
97) 1,2-DICHLOROBENZENE	9.69	146	102075	11.01	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPROPAN	10.46	75	6893	8.56	UG/L		96
99) 1,3,5-TRICHLOROBENZENE	10.67	180	64831	10.16	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.27	180	53742	9.66	UG/L		99
101) HEXACHLOROBUTADIENE	11.46	225	28557	10.91	UG/L		98
102) NAPHTHALENE	11.50	128	93529	8.18	UG/L		100
103) 1,2,3-TRICHLOROBENZENE	11.74	180	44722	8.91	UG/L		98

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

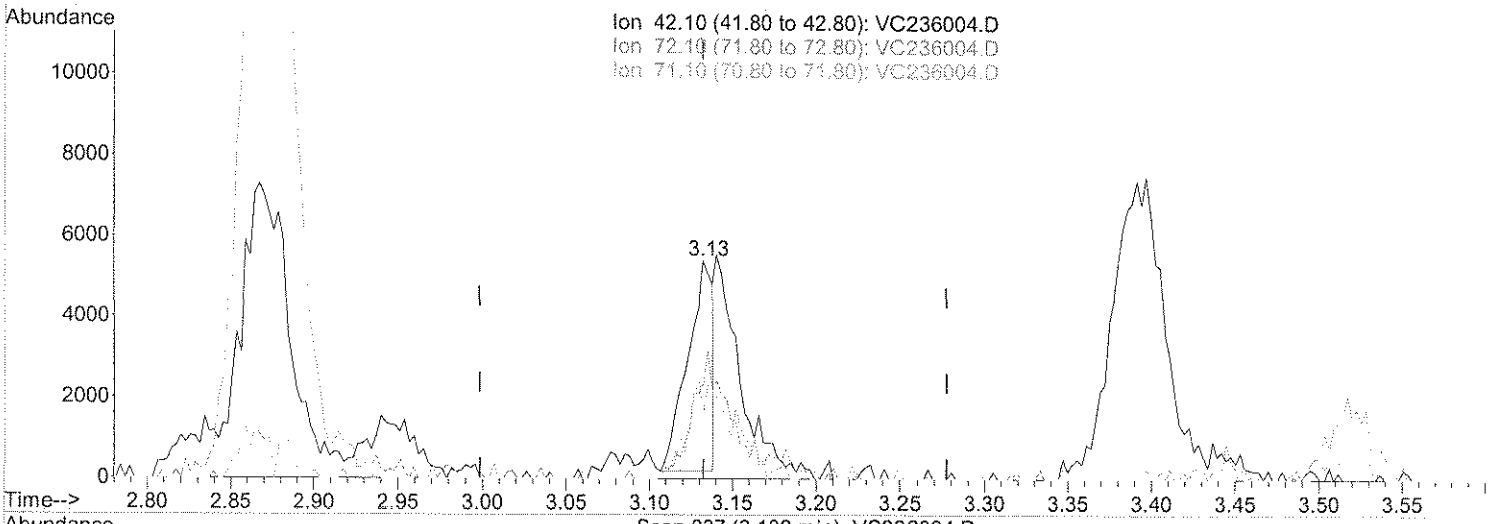
Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236004.D
Acq On : 24 Aug 2011 3:17 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 23 Sample Multiplier: 1

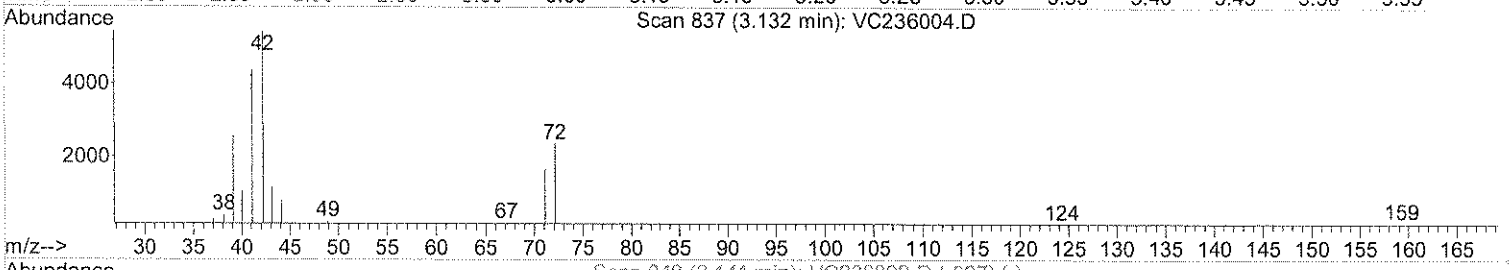
Quant Time: Aug 25 10:33:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

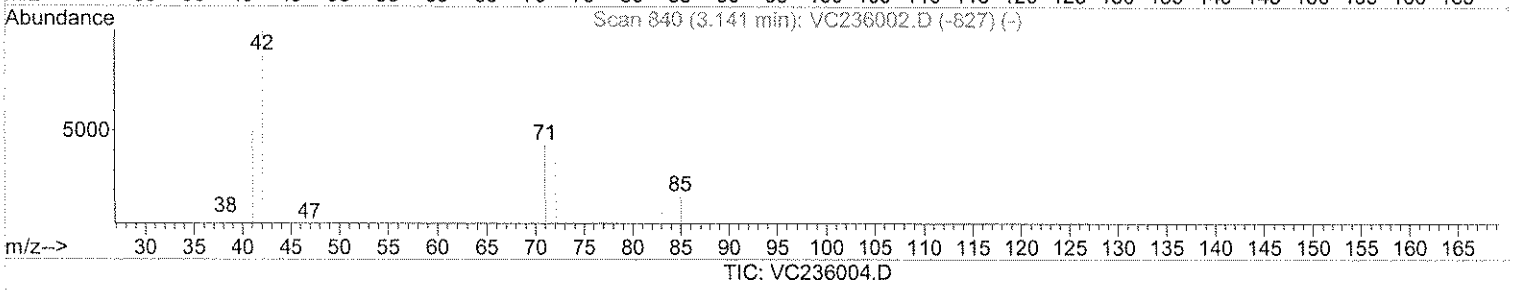


Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236004.D
Acq On : 24 Aug 2011 3:17 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 24 15:32:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236004.D

(39) TETRAHYDROFURAN

3.132min (-0.000) 5.36UG/L

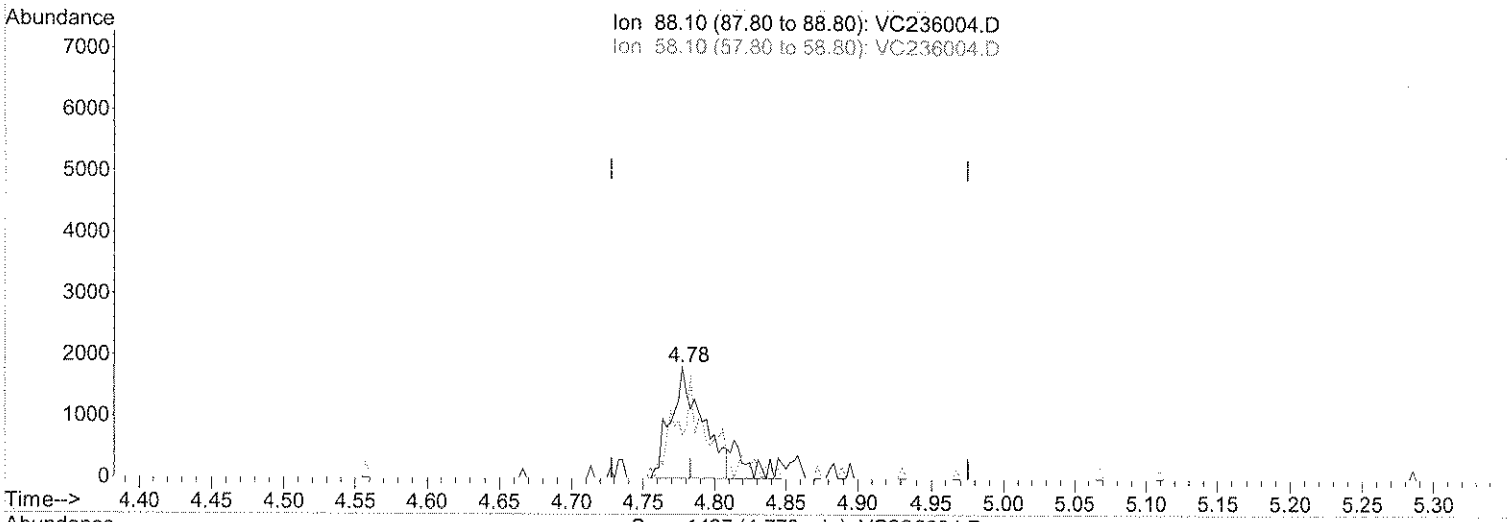
response 5449

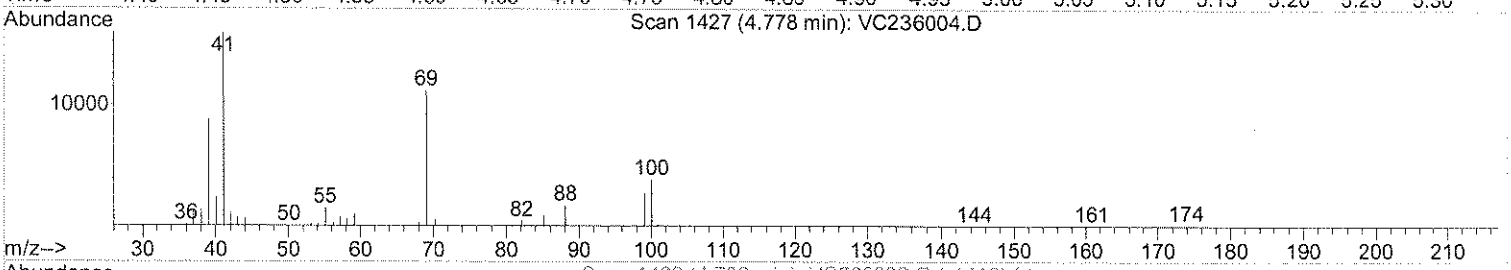
Ion	Exp%	Act%
42.10	100	100
72.10	46.80	89.85#
71.10	41.30	32.39#
0.00	0.00	0.00

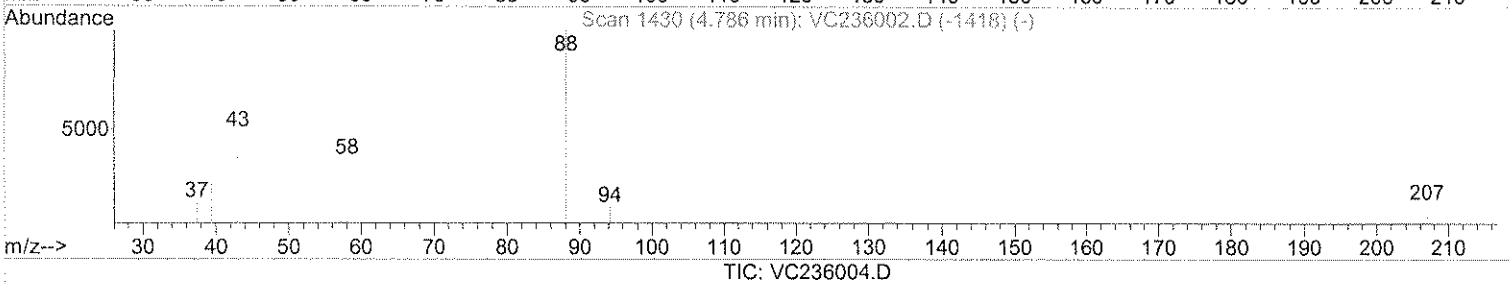
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236004.D
Acq On : 24 Aug 2011 3:17 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 24 15:32:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236004.D

(56) 1,4-DIOXANE

4.778min (-0.006) 94.06UG/L

response 2821

Ion	Exp%	Act%
88.10	100	100
58.10	61.70	29.78#
0.00	0.00	0.00
0.00	0.00	0.00

3

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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-BSD1	File ID:	VC236005.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/24/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	150	0.54	50	
107-13-1	Acrylonitrile	10.5	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.3	0.11	0.50	
71-43-2	Benzene	11.3	0.050	1.0	
108-86-1	Bromobenzene	10.2	0.10	1.0	
74-97-5	Bromochloromethane	11.6	0.10	1.0	
75-27-4	Bromodichloromethane	9.63	0.080	0.50	
75-25-2	Bromoform	7.67	0.25	1.0	V-05
74-83-9	Bromomethane	7.95	0.38	2.0	
78-93-3	2-Butanone (MEK)	118	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	83.9	3.5	20	
104-51-8	n-Butylbenzene	10.4	0.050	1.0	
135-98-8	sec-Butylbenzene	10.8	0.050	1.0	
98-06-6	tert-Butylbenzene	10.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.11	0.070	0.50	
75-15-0	Carbon Disulfide	11.8	0.050	2.0	
56-23-5	Carbon Tetrachloride	8.22	0.090	5.0	V-05
108-90-7	Chlorobenzene	10.6	0.050	1.0	
124-48-1	Chlorodibromomethane	8.99	0.12	0.50	
75-00-3	Chloroethane	10.1	0.33	2.0	
67-66-3	Chloroform	11.3	0.040	2.0	
74-87-3	Chloromethane	7.92	0.13	2.0	
95-49-8	2-Chlorotoluene	10.0	0.050	1.0	
106-43-4	4-Chlorotoluene	10.4	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.72	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	10.8	0.14	0.50	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-BSD1	File ID:	VC236005.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/24/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.0	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.4	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.4	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.2	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.00	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	8.71	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	11.0	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.0	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.9	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.9	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	12.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.8	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.0	0.080	0.50	
594-20-7	2,2-Dichloropropane	9.96	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.1	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.3	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.1	0.12	0.50	
60-29-7	Diethyl Ether	10.9	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.6	0.030	0.50	
123-91-1	1,4-Dioxane	109	3.5	50	V-16
100-41-4	Ethylbenzene	10.4	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.97	0.26	0.50	
591-78-6	2-Hexanone (MBK)	107	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.1	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.9	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.4	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-BSD1	File ID:	VC236005.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/24/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.1	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	104	0.22	10	
91-20-3	Naphthalene	7.06	0.21	2.0	V-05
103-65-1	n-Propylbenzene	10.4	0.040	1.0	
100-42-5	Styrene	10.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.07	0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane	9.90	0.18	0.50	
127-18-4	Tetrachloroethylene	10.9	0.14	1.0	
109-99-9	Tetrahydrofuran	9.60	1.0	10	
108-88-3	Toluene	11.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.06	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	8.89	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.38	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.4	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.1	0.080	1.0	
79-01-6	Trichloroethylene	11.1	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.1	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.38	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.2	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.4	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.2	0.060	1.0	
75-01-4	Vinyl Chloride	9.12	0.16	2.0	
108383/106423	m+p Xylene	21.0	0.070	2.0	
95-47-6	o-Xylene	10.2	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236005.D
Acq On : 24 Aug 2011 3:48 pm
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 25 10:34:39 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	176435	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	276372	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	180415	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	187349	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	95783	25.66	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.64%				
49) TOLUENE SS	5.61	98	285927	25.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.60%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	146738	24.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	50162	8.71	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.88	51	40504	6.49	UG/L		99
5) CHLOROMETHANE	0.95	50	36180	7.92	UG/L		98
6) VINYL CHLORIDE	1.00	62	41693	9.12	UG/L		99
7) BROMOMETHANE	1.15	94	24059	7.95	UG/L		98
8) CHLOROETHANE	1.20	64	21087	10.12	UG/L		97
9) FLUORODICHLOROMETHANE	1.28	67	61705	8.63	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.31	101	61117	10.10	UG/L		98
12) DI ETHYL ETHER	1.45	59	26841	10.88	UG/L		100
13) ACROLEIN	1.52	56	49469	137.63	UG/L		100
14) ACETONE	1.60	43	142652	150.42	UG/L		99
15) 1,1-DICHLOROETHENE	1.57	61	61564	10.93	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIFLETH	1.57	101	35408	11.22	UG/L		96
17) IODOMETHANE	1.66	142	63529	12.55	UG/L		93
20) METHYL ACETATE	1.79	43	41773	7.93	UG/L		96
21) T-BUTYL ALCOHOL	1.93	59	27824	83.92	UG/L	#	83
22) ACRYLONITRILE	2.01	53	15629	10.50	UG/L		97
23) METHYLENE CHLORIDE	1.85	49	51240	10.09	UG/L		99
24) CARBON DISULFIDE	1.70	76	112797	11.84	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	130873	10.37	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.02	61	71058	12.11	UG/L		99
27) 1,1-DICHLOROETHANE	2.33	63	86475	11.05	UG/L		99
28) VINYL ACETATE	2.38	43	840118	106.58	UG/L	#	100
29) DI ISOPROYL ETHER	2.39	45	145755	10.60	UG/L		100
31) 2-BUTANONE	2.87	43	196727	118.12	UG/L		98
32) T-BUTYL ETHYL ETHER	2.71	59	133008	9.11	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.84	61	79502	10.92	UG/L		99
34) 2,2-DICHLOROPROPANE	2.83	77	57134	9.96	UG/L		97
35) ETHYL ACETATE	2.95	43	34228	7.55	UG/L		99
38) BROMOCHLOROMETHANE	3.08	49	41051	11.58	UG/L		98
39) TETRAHYDROFURAN	3.14	42	10267	9.60	UG/L		94
40) CHLOROFORM	3.18	83	98443	11.30	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.35	97	79002	10.38	UG/L		98
42) CYCLOHEXANE	3.39	56	67299	10.72	UG/L		97
43) CARBON TETRACHLORIDE	3.51	117	44610	8.22	UG/L		99
44) 1,1-DICHLOROPROPENE	3.52	75	69172	11.14	UG/L		99
45) BENZENE	3.73	78	186341	11.28	UG/L		100
47) T-AMYLMETHYL ETHER	3.87	73	121504	10.34	UG/L		95
50) 1,2-DICHLOROETHANE	3.76	62	81833	10.96	UG/L		99
51) TRICHLOROETHENE	4.39	95	53270	11.14	UG/L		99
52) METHYLCYCLOHEXANE	4.56	83	61636	10.42	UG/L		97
53) 1,2-DICHLOROPROPANE	4.61	63	45930	10.75	UG/L		99

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236005.D
Acq On : 24 Aug 2011 3:48 pm
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 24 Sample Multiplier: 1

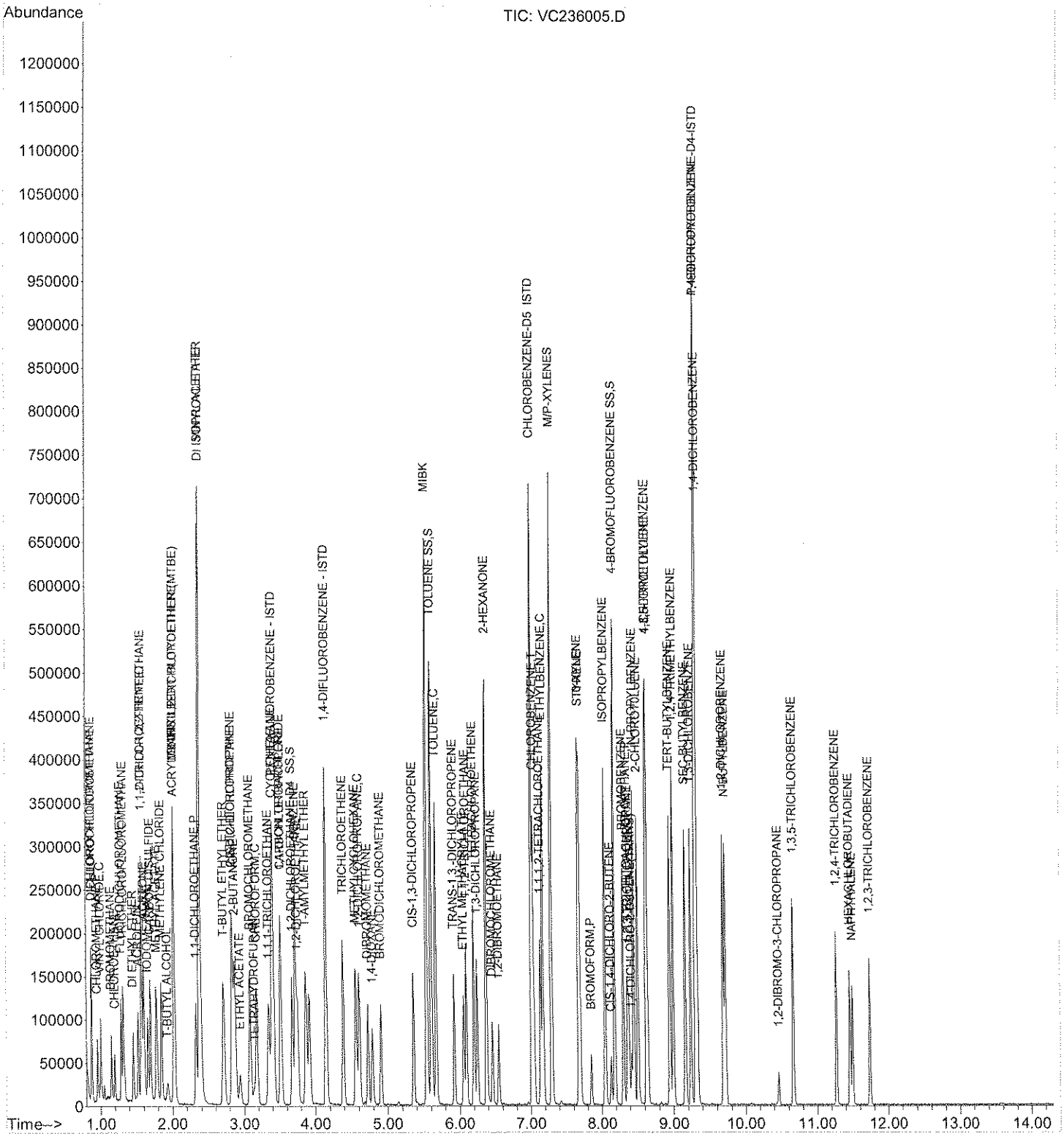
Quant Time: Aug 25 10:34:39 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
54) DIBROMOMETHANE	4.73	93	33987	10.98 UG/L	96
56) 1,4-DIOXANE	4.78	88	3478m	109.42 UG/L	
57) BROMODICHLOROMETHANE	4.91	83	62327	9.63 UG/L	99
59) MIBK	5.54	43	378518	104.04 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.35	75	69015	10.30 UG/L	97
61) TOLUENE	5.67	91	203116	11.10 UG/L	100
62) TRANS-1,3,-DICHLOROPROPENE	5.92	75	63315	11.06 UG/L	99
63) ETHYL METHACRYLATE	6.05	69	48720	9.50 UG/L	99
64) 1,1,2-TRICHLOROETHANE	6.09	97	44698	11.08 UG/L	99
65) 2-HEXANONE	6.38	43	271407	106.93 UG/L	100
66) TETRACHLOROETHENE	6.20	166	55715	10.90 UG/L	99
67) 1,3-DICHLOROPROPANE	6.25	76	72700	11.02 UG/L	100
68) DIBROMOCHLOROMETHANE	6.46	129	40304	8.99 UG/L	96
69) 1,2-DIBROMOETHANE	6.55	107	46757	10.78 UG/L	98
72) CHLOROBENZENE	7.04	112	134053	10.63 UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.14	131	39435	9.07 UG/L	99
74) ETHYLBENZENE	7.17	91	229819	10.40 UG/L	99
75) M/P-XYLENES	7.29	91	356815	20.96 UG/L	98
76) 0-XYLENE	7.68	91	181830	10.19 UG/L	98
77) STYRENE	7.69	104	139284	10.33 UG/L	97
78) BROMOFORM	7.85	173	22253	7.67 UG/L	99
79) ISOPROPYLBENZENE	8.05	105	209383	12.09 UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.13	53	9535	6.91 UG/L #	75
81) 1,1,2,2-TETRACHLOROETHANE	8.36	83	53366	9.90 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(TRAN	8.42	53	10645	7.00 UG/L #	79
83) BROMOBENZENE	8.31	77	87340	10.19 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.38	75	39494	9.38 UG/L	99
85) N-PROPYLBENZENE	8.45	91	241705	10.35 UG/L	100
86) 2-CHLOROT0LUENE	8.51	91	151331	10.05 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.64	105	167651	10.16 UG/L	99
88) 4-CHLOROTOLUENE	8.62	91	179816	10.40 UG/L	98
90) TERT-BUTYLBENZENE	8.95	119	135031	10.40 UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	8.99	105	173065	10.44 UG/L	99
92) SEC-BUTYLBENZENE	9.16	105	191328	10.76 UG/L	100
93) 1,3-DICHLOROBENZENE	9.24	146	105872	10.35 UG/L	100
94) P-ISOPROPYLTOLUENE	9.32	119	158624	10.89 UG/L	100
95) 1,4-DICHLOROBENZENE	9.33	146	107190	10.22 UG/L	98
96) N-BUTYLBENZENE	9.72	91	142821	10.45 UG/L	100
97) 1,2-DICHLOROBENZENE	9.69	146	103211	10.36 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPROPAN	10.46	75	6683	7.72 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.66	180	64363	9.38 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.27	180	53135	8.89 UG/L	100
101) HEXACHLOROBUTADIENE	11.46	225	28062	9.97 UG/L	99
102) NAPHTHALENE	11.50	128	86824	7.06 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.74	180	43501	8.06 UG/L	99

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

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236005.D
Acq On : 24 Aug 2011 3:48 pm
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 24 Sample Multiplier: 1

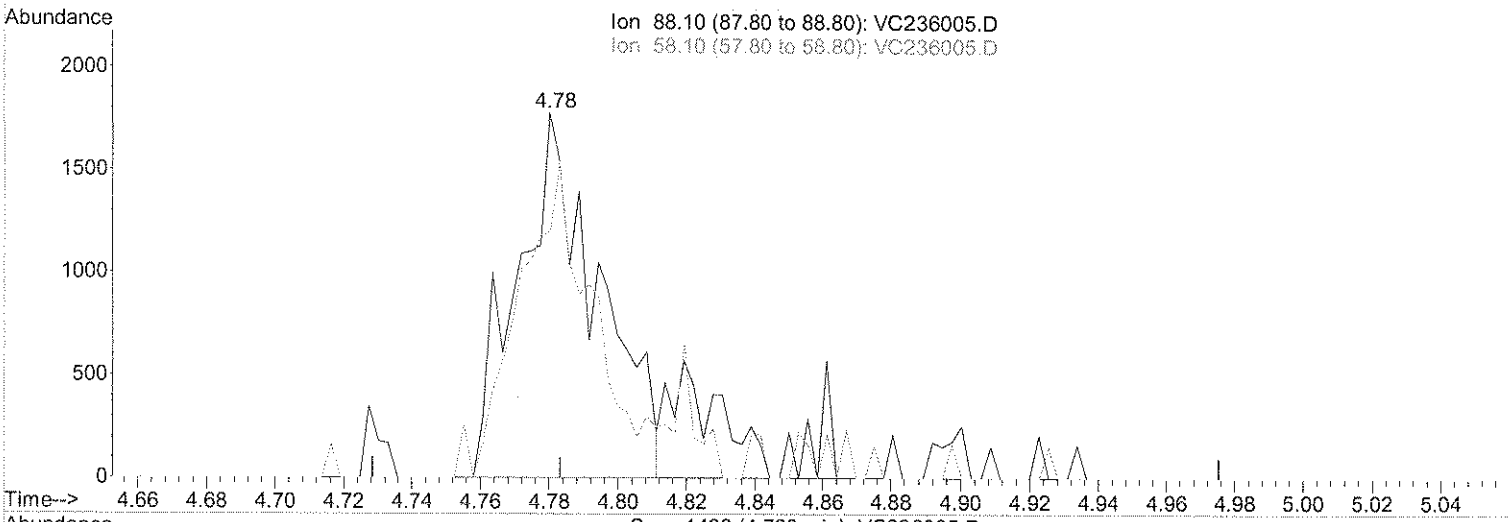
Quant Time: Aug 25 10:34:39 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

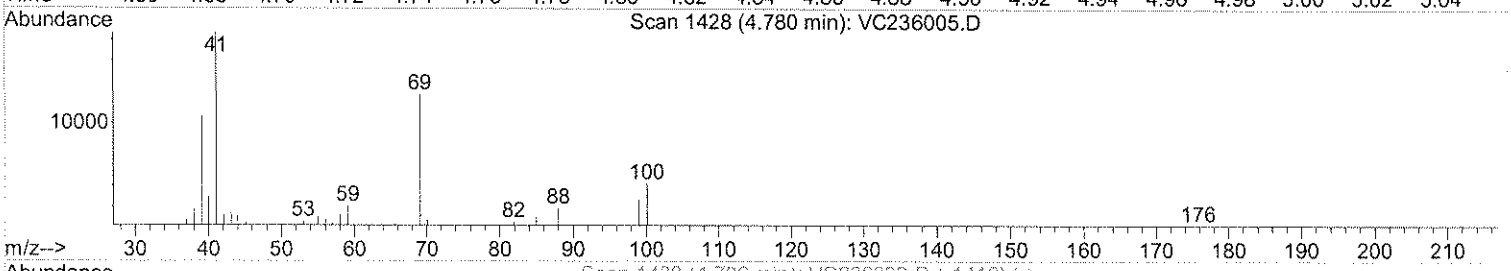


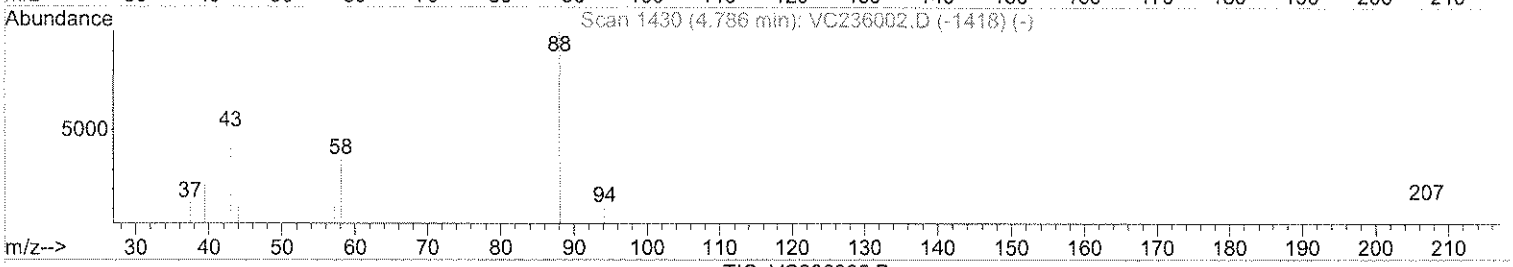
Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236005.D
Acq On : 24 Aug 2011 3:48 pm
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 24 16:04:33 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration







TIC: VC236005.D

(56) 1,4-DIOXANE

4.780min (-0.003) 90.67UG/L

response 2882

Ion	Exp%	Act%
88.10	100	100
58.10	61.70	77.38#
0.00	0.00	0.00
0.00	0.00	0.00

3

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-MS1	File ID:	VC236022.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/25/11 00:25
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	116	0.54	50	
107-13-1	Acrylonitrile	10.8	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.0	0.11	0.50	
71-43-2	Benzene	12.1	0.050	1.0	
108-86-1	Bromobenzene	10.1	0.10	1.0	
74-97-5	Bromochloromethane	12.0	0.10	1.0	
75-27-4	Bromodichloromethane	8.74	0.080	0.50	
75-25-2	Bromoform	6.29	0.25	1.0	MS-07A, V-05
74-83-9	Bromomethane	7.97	0.38	2.0	
78-93-3	2-Butanone (MEK)	113	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	75.3	3.5	20	
104-51-8	n-Butylbenzene	9.34	0.050	1.0	
135-98-8	sec-Butylbenzene	9.83	0.050	1.0	
98-06-6	tert-Butylbenzene	10.1	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.19	0.070	0.50	
75-15-0	Carbon Disulfide	12.4	0.050	2.0	
56-23-5	Carbon Tetrachloride	7.27	0.090	5.0	V-05
108-90-7	Chlorobenzene	10.8	0.050	1.0	
124-48-1	Chlorodibromomethane	7.78	0.12	0.50	
75-00-3	Chloroethane	10.9	0.33	2.0	
67-66-3	Chloroform	12.0	0.040	2.0	
74-87-3	Chloromethane	8.07	0.13	2.0	
95-49-8	2-Chlorotoluene	10.2	0.050	1.0	
106-43-4	4-Chlorotoluene	10.2	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.30	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	10.5	0.14	0.50	

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-MS1	File ID:	VC236022.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/25/11 00:25
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.3	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.1	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	9.77	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.83	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	5.91	0.77	2.0	MS-09, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	25.6	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	13.0	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.5	0.090	1.0	
75-35-4	1,1-Dichloroethylene	12.1	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	28.9	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	13.6	0.070	1.0	MS-12
78-87-5	1,2-Dichloropropane	11.1	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.2	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.14	0.13	1.0	
563-58-6	1,1-Dichloropropene	12.0	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.62	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.1	0.12	0.50	
60-29-7	Diethyl Ether	11.8	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.2	0.030	0.50	
123-91-1	1,4-Dioxane	103	3.5	50	V-16
100-41-4	Ethylbenzene	10.6	0.050	1.0	
87-68-3	Hexachlorobutadiene	7.33	0.26	0.50	
591-78-6	2-Hexanone (MBK)	108	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.8	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.2	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.1	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-MS1	File ID:	VC236022.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/25/11 00:25
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.4	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	110	0.22	10	
91-20-3	Naphthalene	6.76	0.21	2.0	MS-07A, V-05
103-65-1	n-Propylbenzene	10.0	0.040	1.0	
100-42-5	Styrene	10.0	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	7.89	0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane	10.0	0.18	0.50	
127-18-4	Tetrachloroethylene	32.5	0.14	1.0	
109-99-9	Tetrahydrofuran	11.3	1.0	10	
108-88-3	Toluene	11.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	7.18	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	7.81	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.08	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.3	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.4	0.080	1.0	
79-01-6	Trichloroethylene	22.4	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.8	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.75	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.1	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.1	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.0	0.060	1.0	
75-01-4	Vinyl Chloride	10.3	0.16	2.0	
108383/106423	m+p Xylene	21.2	0.070	2.0	
95-47-6	o-Xylene	10.4	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236022.D
Acq On : 25 Aug 2011 12:25 am
Operator :
Sample : 11H0909-02 MS1
Misc :
ALS Vial : 41 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

Quant Time: Aug 25 11:14:22 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	166198	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.14	114	267031	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	172621	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	179601	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	93539	26.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.40%				
49) TOLUENE SS	5.61	98	270223	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	137670	24.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.96%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	138563	25.55	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.88	51	49217	8.37	UG/L		99
5) CHLOROMETHANE	0.95	50	34712	8.07	UG/L		100
6) VINYL CHLORIDE	1.00	62	44174	10.26	UG/L		100
7) BROMOMETHANE	1.15	94	22736	7.97	UG/L		96
8) CHLOROETHANE	1.19	64	21356	10.88	UG/L		96
9) FLUORODICHLOROMETHANE	1.28	67	61438	9.12	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.31	101	61301	10.75	UG/L		98
12) DI ETHYL ETHER	1.45	59	27306	11.75	UG/L		99
13) ACROLEIN	1.52	56	52199	154.17	UG/L		99
14) ACETONE	1.60	43	103460	115.81	UG/L		99
15) 1,1-DICHLOROETHENE	1.57	61	64391	12.14	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIFLETH	1.57	101	33024	11.11	UG/L		99
17) IODOMETHANE	1.66	142	60928	12.78	UG/L		97
20) METHYL ACETATE	1.79	43	42604	8.58	UG/L		96
21) T-BUTYL ALCOHOL	1.93	59	23518	75.30	UG/L	#	81
22) ACRYLONITRILE	2.01	53	15098	10.77	UG/L		99
23) METHYLENE CHLORIDE	1.85	49	49768	10.40	UG/L		100
24) CARBON DISULFIDE	1.69	76	111494	12.42	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	132269	11.12	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.02	61	75008	13.57	UG/L		99
27) 1,1-DICHLOROETHANE	2.33	63	96010	13.02	UG/L		100
28) VINYL ACETATE	2.38	43	803386	108.20	UG/L	#	100
29) DI ISOPROYL ETHER	2.39	45	145468	11.23	UG/L		100
31) 2-BUTANONE	2.87	43	177493	113.14	UG/L		99
32) T-BUTYL ETHYL ETHER	2.71	59	126368	9.19	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.84	61	197997	28.86	UG/L		95
34) 2,2-DICHLOROPROPANE	2.83	77	43955	8.14	UG/L	#	80
35) ETHYL ACETATE	2.95	43	31951	7.48	UG/L	#	95
38) BROMOCHLOROMETHANE	3.08	49	40163	12.03	UG/L		99
39) TETRAHYDROFURAN	3.14	42	11378	11.29	UG/L		92
40) CHLOROFORM	3.17	83	98294	11.98	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.35	97	73722	10.28	UG/L		97
42) CYCLOHEXANE	3.39	56	64854	10.97	UG/L		97
43) CARBON TETRACHLORIDE	3.51	117	35873	7.27	UG/L		98
44) 1,1-DICHLOROPROPENE	3.52	75	69940	11.96	UG/L		100
45) BENZENE	3.73	78	188828	12.13	UG/L		99
47) T-AMYLMETHYL ETHER	3.87	73	122030	11.02	UG/L	#	94
50) 1,2-DICHLOROETHANE	3.75	62	82771	11.47	UG/L		100
51) TRICHLOROETHENE	4.39	95	103462	22.39	UG/L		99
52) METHYLCYCLOHEXANE	4.57	83	51401	8.99	UG/L		97
53) 1,2-DICHLOROPROPANE	4.61	63	45649	11.06	UG/L	#	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236022.D
Acq On : 25 Aug 2011 12:25 am
Operator :
Sample : 11H0909-02 MS1
Misc :
ALS Vial : 41 Sample Multiplier: 1

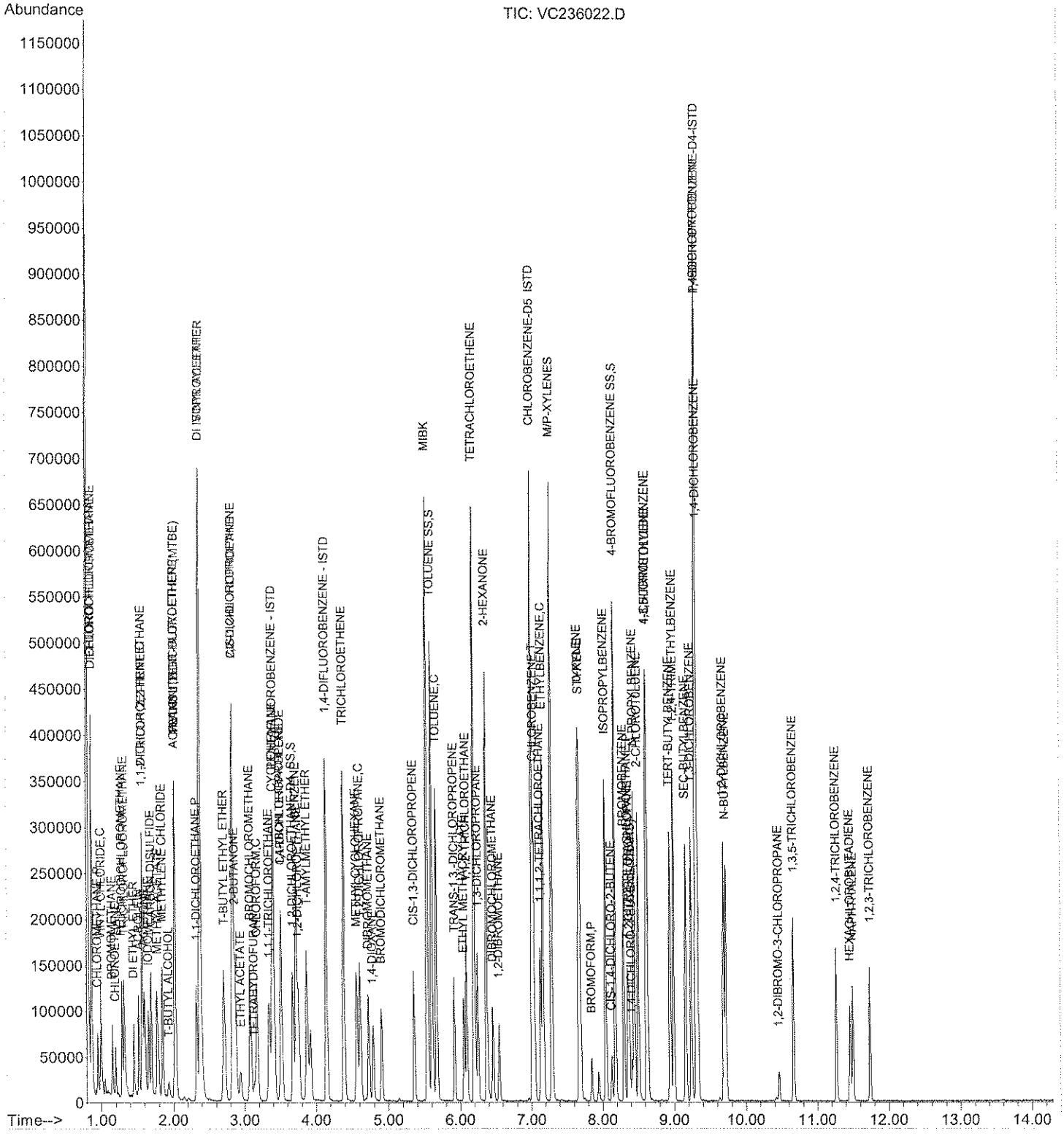
Quant Time: Aug 25 11:14:22 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
54) DIBROMOMETHANE	4.72	93	33902	11.34 UG/L	95
56) 1,4-DIOXANE	4.77	88	3156m	102.76 UG/L	
57) BROMODICHLOROMETHANE	4.91	83	54693	8.74 UG/L	99
59) MIBK	5.54	43	385266	109.60 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.36	75	62283	9.62 UG/L	100
61) TOLUENE	5.67	91	196254	11.10 UG/L	99
62) TRANS-1,3,-DICHLOROPROPENE	5.92	75	55767	10.08 UG/L	99
63) ETHYL METHACRYLATE	6.05	69	45288	9.14 UG/L	98
64) 1,1,2-TRICHLOROETHANE	6.09	97	44211	11.35 UG/L	99
65) 2-HEXANONE	6.37	43	265992	108.46 UG/L	99
66) TETRACHLOROETHENE	6.20	166	160573	32.53 UG/L	98
67) 1,3-DICHLOROPROPANE	6.25	76	71657	11.24 UG/L	99
68) DIBROMOCHLOROMETHANE	6.46	129	33706	7.78 UG/L	98
69) 1,2-DIBROMOETHANE	6.55	107	43902	10.48 UG/L	99
72) CHLOROBENZENE	7.04	112	130357	10.81 UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.13	131	32808	7.89 UG/L	98
74) ETHYLBENZENE	7.17	91	224788	10.63 UG/L	99
75) M/P-XYLENES	7.29	91	344567	21.15 UG/L	99
76) 0-XYLENE	7.67	91	176836	10.36 UG/L	99
77) STYRENE	7.69	104	129721	10.05 UG/L	99
78) BROMOFORM	7.85	173	17468	6.29 UG/L	100
79) ISOPROPYLBENZENE	8.05	105	194644	11.75 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.13	53	8109	6.14 UG/L #	63
81) 1,1,2,2-TETRACHLOROETHANE	8.36	83	51722	10.03 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(TRAN	8.42	53	8589	5.91 UG/L #	72
83) BROMOBENZENE	8.31	77	83037	10.13 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.38	75	39281	9.75 UG/L	99
85) N-PROPYLBENZENE	8.45	91	223364	10.00 UG/L	99
86) 2-CHLOROTOLUENE	8.51	91	146590	10.18 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.63	105	158161	10.01 UG/L	100
88) 4-CHLOROTOLUENE	8.62	91	169007	10.22 UG/L	99
90) TERT-BUTYLBENZENE	8.95	119	125964	10.12 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.99	105	160274	10.08 UG/L	99
92) SEC-BUTYLBENZENE	9.16	105	167512	9.83 UG/L	99
93) 1,3-DICHLOROBENZENE	9.24	146	95827	9.77 UG/L	98
94) P-ISOPROPYLTOLUENE	9.32	119	141958	10.17 UG/L	98
95) 1,4-DICHLOROBENZENE	9.33	146	98806	9.83 UG/L	98
96) N-BUTYLBENZENE	9.72	91	122289	9.34 UG/L	100
97) 1,2-DICHLOROBENZENE	9.69	146	96463	10.10 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPROPAN	10.46	75	6061	7.30 UG/L	89
99) 1,3,5-TRICHLOROBENZENE	10.67	180	53136	8.08 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.27	180	44785	7.81 UG/L	97
101) HEXACHLOROBUTADIENE	11.46	225	19781	7.33 UG/L	99
102) NAPHTHALENE	11.50	128	79703	6.76 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.74	180	37116	7.18 UG/L	98

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

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236022.D
Acq On : 25 Aug 2011 12:25 am
Operator :
Sample : 11H0909-02 MS1
Misc :
ALS Vial : 41 Sample Multiplier: 1

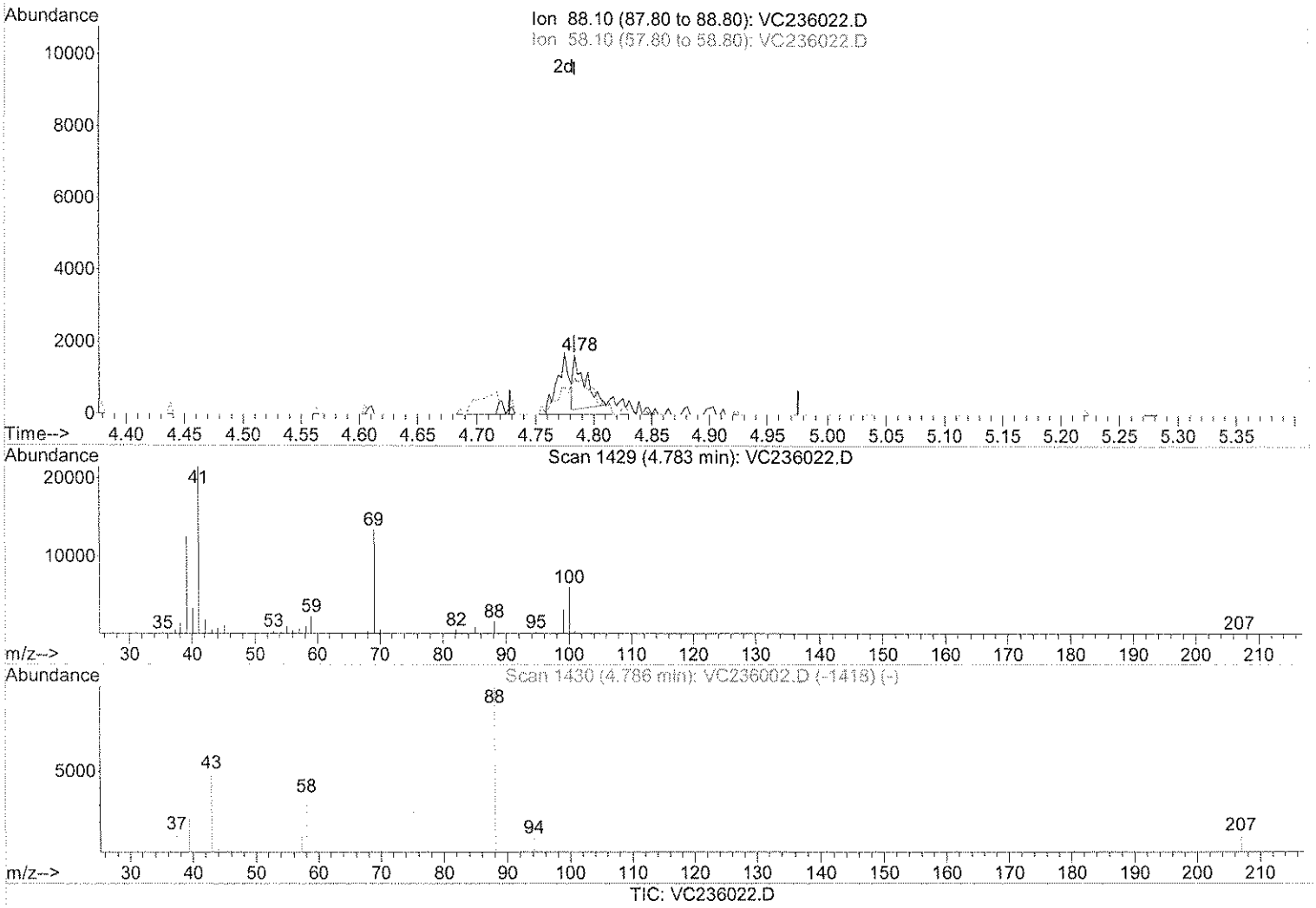
Quant Time: Aug 25 11:14:22 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236022.D
Acq On : 25 Aug 2011 12:25 am
Operator :
Sample : 11H0909-02 MS1
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 25 07:35:41 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



TIC: VC236022.D

(56) 1,4-DIOXANE

4.783min (+0.000) 35.49UG/L

response 1090

Ion	Exp%	Act%
88.10	100	100
58.10	61.70	178.72#
0.00	0.00	0.00
0.00	0.00	0.00

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-MSD1	File ID:	VC236023.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/25/11 00:55
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	110	0.54	50	
107-13-1	Acrylonitrile	10.3	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.7	0.11	0.50	
71-43-2	Benzene	12.2	0.050	1.0	
108-86-1	Bromobenzene	10.3	0.10	1.0	
74-97-5	Bromochloromethane	12.4	0.10	1.0	
75-27-4	Bromodichloromethane	8.88	0.080	0.50	
75-25-2	Bromoform	6.68	0.25	1.0	MS-07A, V-05
74-83-9	Bromomethane	9.06	0.38	2.0	
78-93-3	2-Butanone (MEK)	109	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	72.9	3.5	20	
104-51-8	n-Butylbenzene	9.76	0.050	1.0	
135-98-8	sec-Butylbenzene	10.3	0.050	1.0	
98-06-6	tert-Butylbenzene	10.3	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.28	0.070	0.50	
75-15-0	Carbon Disulfide	12.3	0.050	2.0	
56-23-5	Carbon Tetrachloride	7.91	0.090	5.0	V-05
108-90-7	Chlorobenzene	11.0	0.050	1.0	
124-48-1	Chlorodibromomethane	7.78	0.12	0.50	
75-00-3	Chloroethane	10.6	0.33	2.0	
67-66-3	Chloroform	12.1	0.040	2.0	
74-87-3	Chloromethane	8.28	0.13	2.0	
95-49-8	2-Chlorotoluene	10.4	0.050	1.0	
106-43-4	4-Chlorotoluene	10.5	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.26	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	10.4	0.14	0.50	

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-MSD1	File ID:	VC236023.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/25/11 00:55
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.8	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.1	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.0	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.2	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	5.61	0.77	2.0	MS-09, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	27.6	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	13.2	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.2	0.090	1.0	
75-35-4	1,1-Dichloroethylene	12.1	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	29.5	0.050	1.0	MS-24
156-60-5	trans-1,2-Dichloroethylene	13.7	0.070	1.0	MS-12
78-87-5	1,2-Dichloropropane	10.9	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.0	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.47	0.13	1.0	
563-58-6	1,1-Dichloropropene	12.0	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.46	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.75	0.12	0.50	
60-29-7	Diethyl Ether	11.4	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.1	0.030	0.50	
123-91-1	1,4-Dioxane	97.5	3.5	50	V-16
100-41-4	Ethylbenzene	10.9	0.050	1.0	
87-68-3	Hexachlorobutadiene	7.98	0.26	0.50	
591-78-6	2-Hexanone (MBK)	99.0	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.4	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.8	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.0	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H0909
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036099-MSD1	File ID:	VC236023.D
Sampled:		Prepared:	08/24/11 13:02	Analyzed:	08/25/11 00:55
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036099	Sequence:	S001084	Calibration:	1100030
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.7	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	105	0.22	10	
91-20-3	Naphthalene	6.29	0.21	2.0	MS-07A, V-05
103-65-1	n-Propylbenzene	10.4	0.040	1.0	
100-42-5	Styrene	10.4	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	8.34	0.080	1.0	V-05
79-34-5	1,1,2,2-Tetrachloroethane	10.3	0.18	0.50	
127-18-4	Tetrachloroethylene	33.9	0.14	1.0	
109-99-9	Tetrahydrofuran	10.1	1.0	10	
108-88-3	Toluene	11.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	7.16	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	7.69	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.47	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.7	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.4	0.080	1.0	
79-01-6	Trichloroethylene	23.0	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.0	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.47	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.6	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.2	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.3	0.060	1.0	
75-01-4	Vinyl Chloride	10.3	0.16	2.0	
108383/106423	m+p Xylene	21.3	0.070	2.0	
95-47-6	o-Xylene	10.8	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236023.D
Acq On : 25 Aug 2011 12:55 am
Operator :
Sample : 11H0909-02 MSD1
Misc :
ALS Vial : 42 Sample Multiplier: 1

CHECKED BY: LAUREN DAMBORAGIAN AUG 25 2011

Quant Time: Aug 25 11:15:39 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) PENTAFLUOROBENZENE - ISTD	3.41	168	162174	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ISTD	4.15	114	263305	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.01	82	167663	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4-IST	9.31	152	176506	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.68	65	89811	26.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.68%				
49) TOLUENE SS	5.61	98	268676	25.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.20%				
71) 4-BROMOFLUOROBENZENE SS	8.18	95	135791	24.61	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.44%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.87	85	146064	27.60	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.88	51	49191	8.57	UG/L		99
5) CHLOROMETHANE	0.95	50	34750	8.28	UG/L		96
6) VINYL CHLORIDE	1.00	62	43391	10.33	UG/L		96
7) BROMOMETHANE	1.15	94	25222	9.06	UG/L		97
8) CHLOROETHANE	1.19	64	20386	10.64	UG/L		92
9) FLUORODICHLOROMETHANE	1.28	67	62444	9.50	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.31	101	61322	11.03	UG/L		100
12) DI ETHYL ETHER	1.45	59	25875	11.41	UG/L		96
13) ACROLEIN	1.52	56	48289	146.16	UG/L		97
14) ACETONE	1.60	43	95594	109.66	UG/L		100
15) 1,1-DICHLOROETHENE	1.57	61	62552	12.09	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIFLETH	1.57	101	33645	11.60	UG/L		96
17) IODOMETHANE	1.66	142	59497	12.79	UG/L		91
20) METHYL ACETATE	1.79	43	42008	8.67	UG/L		99
21) T-BUTYL ALCOHOL	1.93	59	22203	72.86	UG/L	#	85
22) ACRYLONITRILE	2.01	53	14107	10.31	UG/L		96
23) METHYLENE CHLORIDE	1.85	49	49764	10.66	UG/L		99
24) CARBON DISULFIDE	1.70	76	107563	12.28	UG/L	#	100
25) METHYL TERT-BUTYL ETHER (M	2.03	73	128272	11.05	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.02	61	73974	13.71	UG/L		98
27) 1,1-DICHLOROETHANE	2.33	63	94999	13.20	UG/L		99
28) VINYL ACETATE	2.38	43	788982	108.90	UG/L	#	100
29) DI ISOPROYL ETHER	2.39	45	140413	11.11	UG/L		99
31) 2-BUTANONE	2.87	43	166858	109.00	UG/L		99
32) T-BUTYL ETHYL ETHER	2.71	59	124579	9.28	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.84	61	197562	29.52	UG/L		94
34) 2,2-DICHLOROPROPANE	2.83	77	44631	8.47	UG/L	#	76
35) ETHYL ACETATE	2.94	43	31325	7.52	UG/L		98
38) BROMOCHLOROMETHANE	3.07	49	40413	12.41	UG/L		95
39) TETRAHYDROFURAN	3.13	42	9973	10.14	UG/L		98
40) CHLOROFORM	3.18	83	97038	12.12	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.34	97	75160	10.74	UG/L	#	88
42) CYCLOHEXANE	3.39	56	64183	11.13	UG/L	#	84
43) CARBON TETRACHLORIDE	3.51	117	39043	7.91	UG/L		99
44) 1,1-DICHLOROPROPENE	3.52	75	68559	12.01	UG/L		99
45) BENZENE	3.73	78	184849	12.17	UG/L		99
47) T-AMYLMETHYL ETHER	3.87	73	115824	10.72	UG/L		95
50) 1,2-DICHLOROETHANE	3.75	62	79559	11.18	UG/L		100
51) TRICHLOROETHENE	4.39	95	104943	23.03	UG/L		99
52) METHYLCYCLOHEXANE	4.57	83	53280	9.45	UG/L		99
53) 1,2-DICHLOROPROPANE	4.61	63	44523	10.94	UG/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236023.D
Acq On : 25 Aug 2011 12:55 am
Operator :
Sample : 11H0909-02 MSD1
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 25 11:15:39 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration

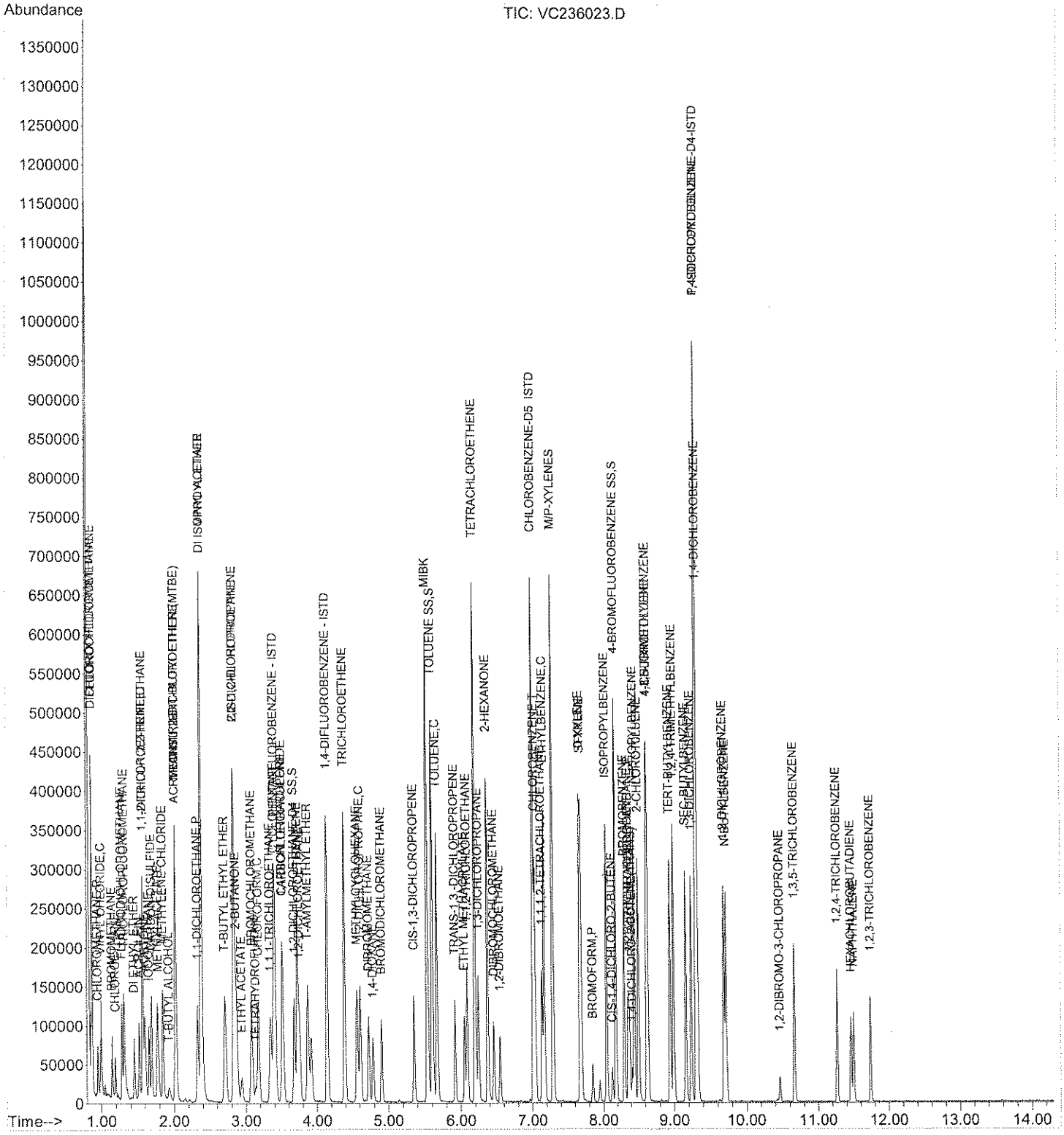
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
54) DIBROMOMETHANE	4.73	93	31781	10.78 UG/L	99
56) 1,4-DIOXANE	4.78	88	2952m	97.48 UG/L	
57) BROMODICHLOROMETHANE	4.91	83	54793	8.88 UG/L	99
59) MIBK	5.54	43	363491	104.87 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.36	75	60374	9.46 UG/L	99
61) TOLUENE	5.67	91	199038	11.41 UG/L	99
62) TRANS-1,3,-DICHLOROPROPENE	5.92	75	53190	9.75 UG/L	98
63) ETHYL METHACRYLATE	6.05	69	43247	8.85 UG/L	98
64) 1,1,2-TRICHLOROETHANE	6.09	97	43665	11.36 UG/L	99
65) 2-HEXANONE	6.37	43	239514	99.05 UG/L	99
66) TETRACHLOROETHENE	6.20	166	165156	33.93 UG/L	99
67) 1,3-DICHLOROPROPANE	6.25	76	69321	11.03 UG/L	98
68) DIBROMOCHLOROMETHANE	6.46	129	33228	7.78 UG/L	96
69) 1,2-DIBROMOETHANE	6.55	107	43097	10.43 UG/L	99
72) CHLOROBENZENE	7.04	112	128245	10.95 UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.14	131	33706	8.34 UG/L	99
74) ETHYLBENZENE	7.17	91	224448	10.93 UG/L	100
75) M/P-XYLENES	7.29	91	337526	21.34 UG/L	99
76) 0-XYLENE	7.67	91	178688	10.78 UG/L	100
77) STYRENE	7.69	104	130004	10.37 UG/L	98
78) BROMOFORM	7.85	173	18002	6.68 UG/L	98
79) ISOPROPYLBENZENE	8.05	105	199653	12.41 UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.13	53	7979	6.23 UG/L #	65
81) 1,1,2,2-TETRACHLOROETHANE	8.36	83	51573	10.29 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(TRAN	8.42	53	7921	5.61 UG/L #	79
83) BROMOBENZENE	8.31	77	82306	10.34 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.38	75	37084	9.47 UG/L	98
85) N-PROPYLBENZENE	8.45	91	226187	10.42 UG/L	99
86) 2-CHLOROT0LUENE	8.51	91	146007	10.44 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.64	105	157993	10.30 UG/L	99
88) 4-CHLOROTOLUENE	8.62	91	168468	10.49 UG/L	96
90) TERT-BUTYLBENZENE	8.95	119	126129	10.31 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.99	105	159901	10.24 UG/L	100
92) SEC-BUTYLBENZENE	9.16	105	172503	10.30 UG/L	98
93) 1,3-DICHLOROBENZENE	9.24	146	96814	10.05 UG/L	98
94) P-ISOPROPYLTOLUENE	9.32	119	148376	10.81 UG/L	99
95) 1,4-DICHLOROBENZENE	9.33	146	100985	10.22 UG/L	98
96) N-BUTYLBENZENE	9.72	91	125594	9.76 UG/L	99
97) 1,2-DICHLOROBENZENE	9.69	146	94728	10.09 UG/L	100
98) 1,2-DIBROMO-3-CHLOROPROPAN	10.46	75	5922	7.26 UG/L	92
99) 1,3,5-TRICHLOROBENZENE	10.67	180	54717	8.47 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.27	180	43348	7.69 UG/L	98
101) HEXACHLOROBUTADIENE	11.46	225	21162	7.98 UG/L	99
102) NAPHTHALENE	11.50	128	72828	6.29 UG/L	100
103) 1,2,3-TRICHLOROBENZENE	11.74	180	36409	7.16 UG/L	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\082411\
Data File : VC236023.D
Acq On : 25 Aug 2011 12:55 am
Operator :
Sample : 11H0909-02 MSD1
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 25 11:15:39 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 24 11:18:40 2011
Response via : Initial Calibration



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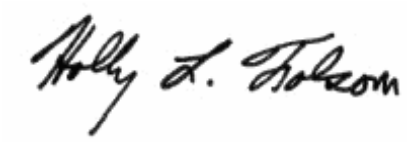
August 30, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.02
Laboratory Work Order Number: 11H0909

Enclosed are results of analyses for samples received by the laboratory on August 23, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

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

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 8/30/2011

PURCHASE ORDER NUMBER: 002699.ID25.02

PROJECT NUMBER: 002699.ID25.02

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H0909

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

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-08192011	11H0909-01	Trip Blank Water		SW-846 8260C	
PW17-125	11H0909-02	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW17-150	11H0909-03	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW17-150/Q	11H0909-04	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW17-175	11H0909-05	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW17-200	11H0909-06	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW16-025	11H0909-07	Ground Water		SW-846 8260C	
PW16-050	11H0909-08	Ground Water		SW-846 8260C	
PW16-075	11H0909-09	Ground Water		SW-846 8260C	
PW16-100	11H0909-10	Ground Water		SW-846 8260C	

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

CASE NARRATIVE SUMMARY

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

Login

Qualifications:

Headspace present in sampling vial.

Analyte & Samples(s) Qualified:

11H0909-03[PW17-150], 11H0909-04[PW17-150/Q], 11H0909-05[PW17-175]

SW-846 8260C

Qualifications:

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

Analyte & Samples(s) Qualified:

Acetone, Carbon Disulfide, Isopropylbenzene (Cumene), trans-1,2-Dichloroethylene, trans-1,4-Dichloro-2-butene

B036099-BS1

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

Analyte & Samples(s) Qualified:

Bromoform, Naphthalene

11H0909-02[PW17-125], B036099-MS1, B036099-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

11H0909-02[PW17-125], B036099-MS1, B036099-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

trans-1,2-Dichloroethylene

B036099-MS1, B036099-MSD1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

cis-1,2-Dichloroethylene

B036099-MSD1

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

Analyte & Samples(s) Qualified:

11H0909-02[PW17-125], 11H0909-03[PW17-150], 11H0909-04[PW17-150/Q], 11H0909-05[PW17-175], 11H0909-06[PW17-200], 11H0909-07[PW16-025], 11H0909-08[PW16-050], 11H0909-09[PW16-075], 11H0909-10[PW16-100], B036099-MS1, B036099-MSD1

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

Analyte & Samples(s) Qualified:

1,1,1,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), Bromoform, Carbon Tetrachloride, Dichlorodifluoromethane (Freon 12), Naphthalene, trans-1,4-Dichloro-2-butene

11H0909-01[TB-08192011], 11H0909-02[PW17-125], 11H0909-03[PW17-150], 11H0909-04[PW17-150/Q], 11H0909-05[PW17-175], 11H0909-06[PW17-200], 11H0909-07[PW16-025], 11H0909-08[PW16-050], 11H0909-09[PW16-075], 11H0909-10[PW16-100], B036099-BLK1, B036099-BS1, B036099-BSD1, B036099-MS1, B036099-MSD1

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

Analyte & Samples(s) Qualified:

1,4-Dioxane

11H0909-01[TB-08192011], 11H0909-02[PW17-125], 11H0909-03[PW17-150], 11H0909-04[PW17-150/Q], 11H0909-05[PW17-175], 11H0909-06[PW17-200], 11H0909-07[PW16-025], 11H0909-08[PW16-050], 11H0909-09[PW16-075], 11H0909-10[PW16-100], B036099-BLK1, B036099-BS1, B036099-BSD1, B036099-MS1, B036099-MSD1

Sample had to be poured off into a new vial due to an excessive amount of sediment present.

Analyte & Samples(s) Qualified:

11H0909-03[PW17-150], 11H0909-04[PW17-150/Q], 11H0909-05[PW17-175], 11H0909-06[PW17-200]

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

Michael A. Erickson
Laboratory Director

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: TB-08192011 | Sampled: 8/19/2011 07:10

Sample ID: 11H0909-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: TB-08192011 | Sampled: 8/19/2011 07:10

Sample ID: 11H0909-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 17:20	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 17:20	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		8/24/11 17:20
Toluene-d8	104	70-130		8/24/11 17:20
4-Bromofluorobenzene	96.6	70-130		8/24/11 17:20

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-125 | Sampled: 8/19/2011 07:40

Sample ID: 11H0909-02

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Bromoform	ND	1.0	µg/L	1	MS-07A, V-05	SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	MS-09, V-05	SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Dichlorodifluoromethane (Freon 12)	17	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,1-Dichloroethane	1.0	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
cis-1,2-Dichloroethylene	16	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-125 | Sampled: 8/19/2011 07:40

Sample ID: 11H0909-02

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Naphthalene	ND	2.0	µg/L	1	MS-07A, V-05	SW-846 8260C	8/24/11	8/24/11 23:54	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Tetrachloroethylene	22	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Trichloroethylene	11	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:54	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		8/24/11 23:54
Toluene-d8	103	70-130		8/24/11 23:54
4-Bromofluorobenzene	97.9	70-130		8/24/11 23:54

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-125 | Sampled: 8/19/2011 07:40

Sample ID: 11H0909-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/24/11 19:19	OP
Chromium	0.011	0.010	mg/L	1		SW-846 6010C	8/24/11	8/24/11 19:19	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-125 | Sampled: 8/19/2011 07:40

Sample ID: 11H0909-02

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/25/11 14:51	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/24/11	8/25/11 14:51	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-150 | Sampled: 8/19/2011 09:55

Sample ID: 11H0909-03

Sample Matrix: Ground Water

Sample Flags: PR-05, PR-10, Z-(

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
cis-1,2-Dichloroethylene	1.8	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-150 | Sampled: 8/19/2011 09:55

Sample ID: 11H0909-03

Sample Matrix: Ground Water

Sample Flags: PR-05, PR-10, Z-(

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 19:52	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Tetrachloroethylene	80	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Trichloroethylene	8.5	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 19:52	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		8/24/11 19:52
Toluene-d8	102	70-130		8/24/11 19:52
4-Bromofluorobenzene	97.2	70-130		8/24/11 19:52

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-150 | Sampled: 8/19/2011 09:55

Sample ID: 11H0909-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/24/11 20:33	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/24/11	8/24/11 20:33	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-150 | Sampled: 8/19/2011 09:55

Sample ID: 11H0909-03

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/25/11 15:19	OP
Chromium	0.37	0.010	mg/L	1		SW-846 6010C	8/24/11	8/25/11 15:19	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-150/Q | Sampled: 8/19/2011 09:55

Sample ID: 11H0909-04

Sample Matrix: Ground Water

Sample Flags: PR-05, PR-10, Z-(

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
cis-1,2-Dichloroethylene	1.6	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-150/Q | Sampled: 8/19/2011 09:55

Sample ID: 11H0909-04

Sample Matrix: Ground Water

Sample Flags: PR-05, PR-10, Z-(

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:22	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Tetrachloroethylene	86	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Trichloroethylene	7.0	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:22	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		8/24/11 20:22
Toluene-d8	104	70-130		8/24/11 20:22
4-Bromofluorobenzene	99.3	70-130		8/24/11 20:22

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-150/Q | Sampled: 8/19/2011 09:55

Sample ID: 11H0909-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/24/11 20:39	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/24/11	8/24/11 20:39	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-150/Q | Sampled: 8/19/2011 09:55

Sample ID: 11H0909-04

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/25/11 15:24	OP
Chromium	0.43	0.010	mg/L	1		SW-846 6010C	8/24/11	8/25/11 15:24	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-175 | Sampled: 8/19/2011 12:00

Sample ID: 11H0909-05

Sample Matrix: Ground Water

Sample Flags: PR-05, PR-10, Z-(

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
cis-1,2-Dichloroethylene	4.2	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-175 | Sampled: 8/19/2011 12:00

Sample ID: 11H0909-05

Sample Matrix: Ground Water

Sample Flags: PR-05, PR-10, Z-(

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:52	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Tetrachloroethylene	18	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Trichloroethylene	2.6	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 20:52	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		8/24/11 20:52
Toluene-d8	100	70-130		8/24/11 20:52
4-Bromofluorobenzene	98.3	70-130		8/24/11 20:52

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-175 | Sampled: 8/19/2011 12:00

Sample ID: 11H0909-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/24/11 20:42	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/24/11	8/24/11 20:42	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-175 | Sampled: 8/19/2011 12:00

Sample ID: 11H0909-05

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/25/11 15:28	OP
Chromium	0.86	0.010	mg/L	1		SW-846 6010C	8/24/11	8/25/11 15:28	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-200 | Sampled: 8/19/2011 14:45

Sample ID: 11H0909-06

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,1-Dichloroethane	2.9	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
cis-1,2-Dichloroethylene	16	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-200 | Sampled: 8/19/2011 14:45

Sample ID: 11H0909-06

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:22	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Tetrachloroethylene	88	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Trichloroethylene	19	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:22	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		8/24/11 21:22
Toluene-d8	102	70-130		8/24/11 21:22
4-Bromofluorobenzene	95.0	70-130		8/24/11 21:22

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-200 | Sampled: 8/19/2011 14:45

Sample ID: 11H0909-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/24/11 20:47	OP
Chromium	0.19	0.010	mg/L	1		SW-846 6010C	8/24/11	8/24/11 20:47	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW17-200 | Sampled: 8/19/2011 14:45

Sample ID: 11H0909-06

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/24/11	8/25/11 15:33	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/24/11	8/25/11 15:33	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW16-025 | Sampled: 8/22/2011 12:00

Sample ID: 11H0909-07

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW16-025 | Sampled: 8/22/2011 12:00

Sample ID: 11H0909-07

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:53	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 21:53	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		8/24/11 21:53
Toluene-d8	101	70-130		8/24/11 21:53
4-Bromofluorobenzene	97.7	70-130		8/24/11 21:53

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW16-050 | Sampled: 8/22/2011 12:25

Sample ID: 11H0909-08

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW16-050 | Sampled: 8/22/2011 12:25

Sample ID: 11H0909-08

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:23	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:23	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		8/24/11 22:23
Toluene-d8	101	70-130		8/24/11 22:23
4-Bromofluorobenzene	97.1	70-130		8/24/11 22:23

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW16-075 | Sampled: 8/22/2011 13:50

Sample ID: 11H0909-09

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW16-075 | Sampled: 8/22/2011 13:50

Sample ID: 11H0909-09

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:24	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 23:24	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		8/24/11 23:24
Toluene-d8	102	70-130		8/24/11 23:24
4-Bromofluorobenzene	97.8	70-130		8/24/11 23:24

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW16-100 | Sampled: 8/22/2011 15:50

Sample ID: 11H0909-10

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
tert-Amyl Methyl Ether (TAME)	8.5	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Benzene	4.4	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,2-Dichlorobenzene	6.8	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,4-Dichlorobenzene	1.5	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H0909

Date Received: 8/23/2011

Field Sample #: PW16-100 | Sampled: 8/22/2011 15:50

Sample ID: 11H0909-10

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Methyl tert-Butyl Ether (MTBE)	110	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:54	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Tetrachloroethylene	1.2	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Toluene	2.5	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/24/11	8/24/11 22:54	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		8/24/11 22:54
Toluene-d8	105	70-130		8/24/11 22:54
4-Bromofluorobenzene	99.1	70-130		8/24/11 22:54

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Sample Extraction Data

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0909-02 [PW17-125]	B036076	50.0	50.0	08/24/11
11H0909-03 [PW17-150]	B036076	50.0	50.0	08/24/11
11H0909-04 [PW17-150/Q]	B036076	50.0	50.0	08/24/11
11H0909-05 [PW17-175]	B036076	50.0	50.0	08/24/11
11H0909-06 [PW17-200]	B036076	50.0	50.0	08/24/11

Prep Method: SW-846 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0909-02 [PW17-125]	B036132	50.0	50.0	08/24/11
11H0909-03 [PW17-150]	B036132	50.0	50.0	08/24/11
11H0909-04 [PW17-150/Q]	B036132	50.0	50.0	08/24/11
11H0909-05 [PW17-175]	B036132	50.0	50.0	08/24/11
11H0909-06 [PW17-200]	B036132	50.0	50.0	08/24/11

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H0909-01 [TB-08192011]	B036099	5	5.00	08/24/11
11H0909-02 [PW17-125]	B036099	5	5.00	08/24/11
11H0909-03 [PW17-150]	B036099	5	5.00	08/24/11
11H0909-04 [PW17-150/Q]	B036099	5	5.00	08/24/11
11H0909-05 [PW17-175]	B036099	5	5.00	08/24/11
11H0909-06 [PW17-200]	B036099	5	5.00	08/24/11
11H0909-07 [PW16-025]	B036099	5	5.00	08/24/11
11H0909-08 [PW16-050]	B036099	5	5.00	08/24/11
11H0909-09 [PW16-075]	B036099	5	5.00	08/24/11
11H0909-10 [PW16-100]	B036099	5	5.00	08/24/11

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036099 - SW-846 5030B										
Blank (B036099-BLK1)				Prepared & Analyzed: 08/24/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							V-05
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							V-05
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							V-05
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							V-05
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036099 - SW-846 5030B												
Blank (B036099-BLK1)				Prepared & Analyzed: 08/24/11								
Methylene Chloride	ND	5.0	µg/L									
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2.0	µg/L								V-05	
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								V-05	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L								V-05	
1,2,4-Trichlorobenzene	ND	1.0	µg/L									
1,3,5-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.4		70-130				
LCS (B036099-BS1)				Prepared & Analyzed: 08/24/11								
Acetone	167	50	µg/L	100		**167**	*	70-160			L-07	†
Acrylonitrile	11.0	5.0	µg/L	10.0		110		70-130				
tert-Amyl Methyl Ether (TAME)	11.1	0.50	µg/L	10.0		111		70-130				
Benzene	12.2	1.0	µg/L	10.0		122		70-130				
Bromobenzene	11.1	1.0	µg/L	10.0		111		70-130				
Bromochloromethane	12.3	1.0	µg/L	10.0		123		70-130				
Bromodichloromethane	9.91	0.50	µg/L	10.0		99.1		70-130				
Bromoform	8.20	1.0	µg/L	10.0		82.0		70-130			V-05	
Bromomethane	8.46	2.0	µg/L	10.0		84.6		40-160				†
2-Butanone (MEK)	126	20	µg/L	100		126		40-160				†
tert-Butyl Alcohol (TBA)	87.3	20	µg/L	100		87.3		40-160				†
n-Butylbenzene	11.2	1.0	µg/L	10.0		112		70-130				
sec-Butylbenzene	11.8	1.0	µg/L	10.0		118		70-130				
tert-Butylbenzene	11.2	1.0	µg/L	10.0		112		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.41	0.50	µg/L	10.0		94.1		70-130				
Carbon Disulfide	13.6	2.0	µg/L	10.0		**136**	*	70-130			L-07	
Carbon Tetrachloride	8.65	5.0	µg/L	10.0		86.5		70-130			V-05	
Chlorobenzene	11.5	1.0	µg/L	10.0		115		70-130				
Chlorodibromomethane	9.26	0.50	µg/L	10.0		92.6		70-130				
Chloroethane	10.7	2.0	µg/L	10.0		107		70-130				
Chloroform	11.7	2.0	µg/L	10.0		117		70-130				
Chloromethane	8.73	2.0	µg/L	10.0		87.3		40-160				†
2-Chlorotoluene	11.2	1.0	µg/L	10.0		112		70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036099 - SW-846 5030B												
LCS (B036099-BS1)				Prepared & Analyzed: 08/24/11								
4-Chlorotoluene	11.4	1.0	µg/L	10.0		114		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.56	5.0	µg/L	10.0		85.6		70-130			V-05	
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115		70-130				
Dibromomethane	11.4	1.0	µg/L	10.0		114		70-130				
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.0		110		70-130				
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112		70-130				
1,4-Dichlorobenzene	11.1	1.0	µg/L	10.0		111		70-130				
trans-1,4-Dichloro-2-butene	6.96	2.0	µg/L	10.0		**69.6**	*	70-130			L-07, V-05	
Dichlorodifluoromethane (Freon 12)	9.59	2.0	µg/L	10.0		95.9		40-160			V-05	†
1,1-Dichloroethane	11.8	1.0	µg/L	10.0		118		70-130				
1,2-Dichloroethane	11.9	1.0	µg/L	10.0		119		70-130				
1,1-Dichloroethylene	11.8	1.0	µg/L	10.0		118		70-130				
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.0		114		70-130				
trans-1,2-Dichloroethylene	13.2	1.0	µg/L	10.0		**132**	*	70-130			L-07	
1,2-Dichloropropane	11.3	1.0	µg/L	10.0		113		70-130				
1,3-Dichloropropane	11.9	0.50	µg/L	10.0		119		70-130				
2,2-Dichloropropane	10.4	1.0	µg/L	10.0		104		40-130				†
1,1-Dichloropropene	11.9	2.0	µg/L	10.0		119		70-130				
cis-1,3-Dichloropropene	10.8	0.50	µg/L	10.0		108		70-130				
trans-1,3-Dichloropropene	11.4	0.50	µg/L	10.0		114		70-130				
Diethyl Ether	11.6	2.0	µg/L	10.0		116		70-130				
Diisopropyl Ether (DIPE)	11.2	0.50	µg/L	10.0		112		70-130				
1,4-Dioxane	107	50	µg/L	100		107		40-130			V-16	†
Ethylbenzene	11.3	1.0	µg/L	10.0		113		70-130				
Hexachlorobutadiene	10.9	0.50	µg/L	10.0		109		70-130				
2-Hexanone (MBK)	117	10	µg/L	100		117		70-160				†
Isopropylbenzene (Cumene)	13.1	1.0	µg/L	10.0		**131**	*	70-130			L-07	
p-Isopropyltoluene (p-Cymene)	11.9	1.0	µg/L	10.0		119		70-130				
Methyl tert-Butyl Ether (MTBE)	11.4	1.0	µg/L	10.0		114		70-130				
Methylene Chloride	10.8	5.0	µg/L	10.0		108		70-130				
4-Methyl-2-pentanone (MIBK)	115	10	µg/L	100		115		70-160				†
Naphthalene	8.18	2.0	µg/L	10.0		81.8		40-130			V-05	†
n-Propylbenzene	11.3	1.0	µg/L	10.0		113		70-130				
Styrene	10.9	1.0	µg/L	10.0		109		70-130				
1,1,1,2-Tetrachloroethane	9.32	1.0	µg/L	10.0		93.2		70-130			V-05	
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110		70-130				
Tetrachloroethylene	11.7	1.0	µg/L	10.0		117		70-130				
Tetrahydrofuran	11.3	10	µg/L	10.0		113		70-130				
Toluene	11.8	1.0	µg/L	10.0		118		70-130				
1,2,3-Trichlorobenzene	8.91	5.0	µg/L	10.0		89.1		70-130			V-05	
1,2,4-Trichlorobenzene	9.66	1.0	µg/L	10.0		96.6		70-130				
1,3,5-Trichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130				
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,1,2-Trichloroethane	11.8	1.0	µg/L	10.0		118		70-130				
Trichloroethylene	11.6	1.0	µg/L	10.0		116		70-130				
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106		70-130				
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.0		104		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9	1.0	µg/L	10.0		119		70-130				
1,2,4-Trimethylbenzene	11.2	1.0	µg/L	10.0		112		70-130				
1,3,5-Trimethylbenzene	11.2	1.0	µg/L	10.0		112		70-130				
Vinyl Chloride	9.79	2.0	µg/L	10.0		97.9		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B036099 - SW-846 5030B											
LCS (B036099-BS1)				Prepared & Analyzed: 08/24/11							
m+p Xylene	22.3	2.0	µg/L	20.0		112	70-130				
o-Xylene	11.2	1.0	µg/L	10.0		112	70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103	70-130				
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		103	70-130				
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.0	70-130				
LCS Dup (B036099-BSD1)				Prepared & Analyzed: 08/24/11							
Acetone	150	50	µg/L	100		150	70-160	10.6	25		†
Acrylonitrile	10.5	5.0	µg/L	10.0		105	70-130	5.01	25		
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103	70-130	7.45	25		
Benzene	11.3	1.0	µg/L	10.0		113	70-130	8.08	25		
Bromobenzene	10.2	1.0	µg/L	10.0		102	70-130	8.73	25		
Bromochloromethane	11.6	1.0	µg/L	10.0		116	70-130	6.35	25		
Bromodichloromethane	9.63	0.50	µg/L	10.0		96.3	70-130	2.87	25		
Bromoform	7.67	1.0	µg/L	10.0		76.7	70-130	6.68	25	V-05	
Bromomethane	7.95	2.0	µg/L	10.0		79.5	40-160	6.22	25		†
2-Butanone (MEK)	118	20	µg/L	100		118	40-160	6.12	25		†
tert-Butyl Alcohol (TBA)	83.9	20	µg/L	100		83.9	40-160	3.98	25		†
n-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	7.28	25		
sec-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130	9.56	25		
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	7.85	25		
tert-Butyl Ethyl Ether (TBEE)	9.11	0.50	µg/L	10.0		91.1	70-130	3.24	25		
Carbon Disulfide	11.8	2.0	µg/L	10.0		118	70-130	13.9	25		
Carbon Tetrachloride	8.22	5.0	µg/L	10.0		82.2	70-130	5.10	25	V-05	
Chlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	8.21	25		
Chlorodibromomethane	8.99	0.50	µg/L	10.0		89.9	70-130	2.96	25		
Chloroethane	10.1	2.0	µg/L	10.0		101	70-130	5.94	25		
Chloroform	11.3	2.0	µg/L	10.0		113	70-130	3.65	25		
Chloromethane	7.92	2.0	µg/L	10.0		79.2	40-160	9.73	25		†
2-Chlorotoluene	10.0	1.0	µg/L	10.0		100	70-130	11.0	25		
4-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130	9.52	25		
1,2-Dibromo-3-chloropropane (DBCP)	7.72	5.0	µg/L	10.0		77.2	70-130	10.3	25	V-05	
1,2-Dibromoethane (EDB)	10.8	0.50	µg/L	10.0		108	70-130	6.38	25		
Dibromomethane	11.0	1.0	µg/L	10.0		110	70-130	3.75	25		
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	6.08	25		
1,3-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	7.71	25		
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	7.98	25		
trans-1,4-Dichloro-2-butene	7.00	2.0	µg/L	10.0		70.0	70-130	0.573	25	V-05	
Dichlorodifluoromethane (Freon 12)	8.71	2.0	µg/L	10.0		87.1	40-160	9.62	25	V-05	†
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130	6.31	25		
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130	7.97	25		
1,1-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130	7.99	25		
cis-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130	4.48	25		
trans-1,2-Dichloroethylene	12.1	1.0	µg/L	10.0		121	70-130	8.31	25		
1,2-Dichloropropane	10.8	1.0	µg/L	10.0		108	70-130	4.63	25		
1,3-Dichloropropane	11.0	0.50	µg/L	10.0		110	70-130	7.85	25		
2,2-Dichloropropane	9.96	1.0	µg/L	10.0		99.6	40-130	4.13	25		†
1,1-Dichloropropene	11.1	2.0	µg/L	10.0		111	70-130	6.68	25		
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103	70-130	4.65	25		
trans-1,3-Dichloropropene	11.1	0.50	µg/L	10.0		111	70-130	2.68	25		
Diethyl Ether	10.9	2.0	µg/L	10.0		109	70-130	6.41	25		
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106	70-130	5.33	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036099 - SW-846 5030B												
LCS Dup (B036099-BSD1)				Prepared & Analyzed: 08/24/11								
1,4-Dioxane	109	50	µg/L	100		109		40-130	2.31	50	V-16	† ‡
Ethylbenzene	10.4	1.0	µg/L	10.0		104		70-130	8.47	25		
Hexachlorobutadiene	9.97	0.50	µg/L	10.0		99.7		70-130	9.00	25		
2-Hexanone (MBK)	107	10	µg/L	100		107		70-160	9.26	25		†
Isopropylbenzene (Cumene)	12.1	1.0	µg/L	10.0		121		70-130	8.25	25		
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.0		109		70-130	8.53	25		
Methyl tert-Butyl Ether (MTBE)	10.4	1.0	µg/L	10.0		104		70-130	9.72	25		
Methylene Chloride	10.1	5.0	µg/L	10.0		101		70-130	6.61	25		
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100		104		70-160	10.2	25		†
Naphthalene	7.06	2.0	µg/L	10.0		70.6		40-130	14.7	25	V-05	†
n-Propylbenzene	10.4	1.0	µg/L	10.0		104		70-130	8.51	25		
Styrene	10.3	1.0	µg/L	10.0		103		70-130	5.28	25		
1,1,1,2-Tetrachloroethane	9.07	1.0	µg/L	10.0		90.7		70-130	2.72	25	V-05	
1,1,2,2-Tetrachloroethane	9.90	0.50	µg/L	10.0		99.0		70-130	10.4	25		
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109		70-130	7.08	25		
Tetrahydrofuran	9.60	10	µg/L	10.0		96.0		70-130	16.2	25		
Toluene	11.1	1.0	µg/L	10.0		111		70-130	5.86	25		
1,2,3-Trichlorobenzene	8.06	5.0	µg/L	10.0		80.6		70-130	10.0	25	V-05	
1,2,4-Trichlorobenzene	8.89	1.0	µg/L	10.0		88.9		70-130	8.30	25		
1,3,5-Trichlorobenzene	9.38	1.0	µg/L	10.0		93.8		70-130	7.98	25		
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0		104		70-130	4.24	25		
1,1,2-Trichloroethane	11.1	1.0	µg/L	10.0		111		70-130	5.87	25		
Trichloroethylene	11.1	1.0	µg/L	10.0		111		70-130	4.13	25		
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.0		101		70-130	5.11	25		
1,2,3-Trichloropropane	9.38	2.0	µg/L	10.0		93.8		70-130	10.6	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2	1.0	µg/L	10.0		112		70-130	5.71	25		
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.0		104		70-130	6.67	25		
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.0		102		70-130	9.56	25		
Vinyl Chloride	9.12	2.0	µg/L	10.0		91.2		40-160	7.09	25		†
m+p Xylene	21.0	2.0	µg/L	20.0		105		70-130	6.33	25		
o-Xylene	10.2	1.0	µg/L	10.0		102		70-130	9.09	25		
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*25.9*		µg/L	25.0		104		70-130				
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.9		70-130				
Matrix Spike (B036099-MS1)		**Source: 11H0909-02**		Prepared: 08/24/11 Analyzed: 08/25/11								**PR-10**
Acetone	116	50	µg/L	100	3.09	113		70-130				
Acrylonitrile	10.8	5.0	µg/L	10.0	ND	108		70-130				
tert-Amyl Methyl Ether (TAME)	11.0	0.50	µg/L	10.0	ND	110		70-130				
Benzene	12.1	1.0	µg/L	10.0	ND	121		70-130				
Bromobenzene	10.1	1.0	µg/L	10.0	ND	101		70-130				
Bromochloromethane	12.0	1.0	µg/L	10.0	ND	120		70-130				
Bromodichloromethane	8.74	0.50	µg/L	10.0	ND	87.4		70-130				
Bromoform	6.29	1.0	µg/L	10.0	ND	**62.9**	*	70-130			MS-07A, V-05	
Bromomethane	7.97	2.0	µg/L	10.0	ND	79.7		70-130				
2-Butanone (MEK)	113	20	µg/L	100	ND	113		70-130				
tert-Butyl Alcohol (TBA)	75.3	20	µg/L	100	ND	75.3		70-130				
n-Butylbenzene	9.34	1.0	µg/L	10.0	ND	93.4		70-130				
sec-Butylbenzene	9.83	1.0	µg/L	10.0	ND	98.3		70-130				
tert-Butylbenzene	10.1	1.0	µg/L	10.0	ND	101		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.19	0.50	µg/L	10.0	ND	91.9		70-130				
Carbon Disulfide	12.4	2.0	µg/L	10.0	0.110	123		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B036099 - SW-846 5030B											
Matrix Spike (B036099-MS1)	**Source: 11H0909-02**			Prepared: 08/24/11 Analyzed: 08/25/11							**PR-10**
Carbon Tetrachloride	7.27	5.0	µg/L	10.0	ND	72.7		70-130			V-05
Chlorobenzene	10.8	1.0	µg/L	10.0	ND	108		70-130			
Chlorodibromomethane	7.78	0.50	µg/L	10.0	ND	77.8		70-130			
Chloroethane	10.9	2.0	µg/L	10.0	ND	109		70-130			
Chloroform	12.0	2.0	µg/L	10.0	ND	120		70-130			
Chloromethane	8.07	2.0	µg/L	10.0	ND	80.7		70-130			
2-Chlorotoluene	10.2	1.0	µg/L	10.0	ND	102		70-130			
4-Chlorotoluene	10.2	1.0	µg/L	10.0	ND	102		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.30	5.0	µg/L	10.0	ND	73.0		70-130			V-05
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0	ND	105		70-130			
Dibromomethane	11.3	1.0	µg/L	10.0	ND	113		70-130			
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0	ND	101		70-130			
1,3-Dichlorobenzene	9.77	1.0	µg/L	10.0	ND	97.7		70-130			
1,4-Dichlorobenzene	9.83	1.0	µg/L	10.0	ND	98.3		70-130			
trans-1,4-Dichloro-2-butene	5.91	2.0	µg/L	10.0	ND	**59.1**	*	70-130			MS-09, V-05
Dichlorodifluoromethane (Freon 12)	25.6	2.0	µg/L	10.0	16.8	87.4		70-130			V-05
1,1-Dichloroethane	13.0	1.0	µg/L	10.0	1.05	120		70-130			
1,2-Dichloroethane	11.5	1.0	µg/L	10.0	ND	115		70-130			
1,1-Dichloroethylene	12.1	1.0	µg/L	10.0	0.230	119		70-130			
cis-1,2-Dichloroethylene	28.9	1.0	µg/L	10.0	16.1	127		70-130			
trans-1,2-Dichloroethylene	13.6	1.0	µg/L	10.0	0.330	**132**	*	70-130			MS-12
1,2-Dichloropropane	11.1	1.0	µg/L	10.0	ND	111		70-130			
1,3-Dichloropropane	11.2	0.50	µg/L	10.0	ND	112		70-130			
2,2-Dichloropropane	8.14	1.0	µg/L	10.0	ND	81.4		70-130			
1,1-Dichloropropene	12.0	2.0	µg/L	10.0	ND	120		70-130			
cis-1,3-Dichloropropene	9.62	0.50	µg/L	10.0	ND	96.2		70-130			
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0	ND	101		70-130			
Diethyl Ether	11.8	2.0	µg/L	10.0	ND	118		70-130			
Diisopropyl Ether (DIPE)	11.2	0.50	µg/L	10.0	0.100	111		70-130			
1,4-Dioxane	103	50	µg/L	100	ND	103		70-130			V-16
Ethylbenzene	10.6	1.0	µg/L	10.0	ND	106		70-130			
Hexachlorobutadiene	7.33	0.50	µg/L	10.0	ND	73.3		70-130			
2-Hexanone (MBK)	108	10	µg/L	100	ND	108		70-130			
Isopropylbenzene (Cumene)	11.8	1.0	µg/L	10.0	ND	118		70-130			
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.0	ND	102		70-130			
Methyl tert-Butyl Ether (MTBE)	11.1	1.0	µg/L	10.0	0.120	110		70-130			
Methylene Chloride	10.4	5.0	µg/L	10.0	ND	104		70-130			
4-Methyl-2-pentanone (MIBK)	110	10	µg/L	100	ND	110		70-130			
Naphthalene	6.76	2.0	µg/L	10.0	ND	**67.6**	*	70-130			MS-07A, V-05
n-Propylbenzene	10.0	1.0	µg/L	10.0	ND	100		70-130			
Styrene	10.0	1.0	µg/L	10.0	ND	100		70-130			
1,1,1,2-Tetrachloroethane	7.89	1.0	µg/L	10.0	ND	78.9		70-130			V-05
1,1,2,2-Tetrachloroethane	10.0	0.50	µg/L	10.0	ND	100		70-130			
Tetrachloroethylene	32.5	1.0	µg/L	10.0	21.7	108		70-130			
Tetrahydrofuran	11.3	10	µg/L	10.0	ND	113		70-130			
Toluene	11.1	1.0	µg/L	10.0	ND	111		70-130			
1,2,3-Trichlorobenzene	7.18	5.0	µg/L	10.0	ND	71.8		70-130			V-05
1,2,4-Trichlorobenzene	7.81	1.0	µg/L	10.0	ND	78.1		70-130			
1,3,5-Trichlorobenzene	8.08	1.0	µg/L	10.0	ND	80.8		70-130			
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0	ND	103		70-130			
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0	ND	114		70-130			
Trichloroethylene	22.4	1.0	µg/L	10.0	10.6	117		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B036099 - SW-846 5030B											
Matrix Spike (B036099-MS1)	**Source: 11H0909-02**			Prepared: 08/24/11 Analyzed: 08/25/11							**PR-10**
Trichlorofluoromethane (Freon 11)	10.8	2.0	µg/L	10.0	ND	108		70-130			
1,2,3-Trichloropropane	9.75	2.0	µg/L	10.0	ND	97.5		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1	1.0	µg/L	10.0	ND	111		70-130			
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.0	ND	101		70-130			
1,3,5-Trimethylbenzene	10.0	1.0	µg/L	10.0	ND	100		70-130			
Vinyl Chloride	10.3	2.0	µg/L	10.0	0.770	94.9		70-130			
m+p Xylene	21.2	2.0	µg/L	20.0	ND	106		70-130			
o-Xylene	10.4	1.0	µg/L	10.0	ND	104		70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/L	25.0		106		70-130			
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101		70-130			
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		97.0		70-130			
Matrix Spike Dup (B036099-MSD1)	**Source: 11H0909-02**			Prepared: 08/24/11 Analyzed: 08/25/11							**PR-10**
Acetone	110	50	µg/L	100	3.09	107		70-130	5.46	30	
Acrylonitrile	10.3	5.0	µg/L	10.0	ND	103		70-130	4.36	30	
tert-Amyl Methyl Ether (TAME)	10.7	0.50	µg/L	10.0	ND	107		70-130	2.76	30	
Benzene	12.2	1.0	µg/L	10.0	ND	122		70-130	0.329	30	
Bromobenzene	10.3	1.0	µg/L	10.0	ND	103		70-130	2.05	30	
Bromochloromethane	12.4	1.0	µg/L	10.0	ND	124		70-130	3.11	30	
Bromodichloromethane	8.88	0.50	µg/L	10.0	ND	88.8		70-130	1.59	30	
Bromoform	6.68	1.0	µg/L	10.0	ND	**66.8**	*	70-130	6.01	30	MS-07A, V-05
Bromomethane	9.06	2.0	µg/L	10.0	ND	90.6		70-130	12.8	30	
2-Butanone (MEK)	109	20	µg/L	100	ND	109		70-130	3.73	30	
tert-Butyl Alcohol (TBA)	72.9	20	µg/L	100	ND	72.9		70-130	3.29	30	
n-Butylbenzene	9.76	1.0	µg/L	10.0	ND	97.6		70-130	4.40	30	
sec-Butylbenzene	10.3	1.0	µg/L	10.0	ND	103		70-130	4.67	30	
tert-Butylbenzene	10.3	1.0	µg/L	10.0	ND	103		70-130	1.86	30	
tert-Butyl Ethyl Ether (TBEE)	9.28	0.50	µg/L	10.0	ND	92.8		70-130	0.975	30	
Carbon Disulfide	12.3	2.0	µg/L	10.0	0.110	122		70-130	1.13	30	
Carbon Tetrachloride	7.91	5.0	µg/L	10.0	ND	79.1		70-130	8.43	30	V-05
Chlorobenzene	11.0	1.0	µg/L	10.0	ND	110		70-130	1.29	30	
Chlorodibromomethane	7.78	0.50	µg/L	10.0	ND	77.8		70-130	0.00	30	
Chloroethane	10.6	2.0	µg/L	10.0	ND	106		70-130	2.23	30	
Chloroform	12.1	2.0	µg/L	10.0	ND	121		70-130	1.16	30	
Chloromethane	8.28	2.0	µg/L	10.0	ND	82.8		70-130	2.57	30	
2-Chlorotoluene	10.4	1.0	µg/L	10.0	ND	104		70-130	2.52	30	
4-Chlorotoluene	10.5	1.0	µg/L	10.0	ND	105		70-130	2.61	30	
1,2-Dibromo-3-chloropropane (DBCP)	7.26	5.0	µg/L	10.0	ND	72.6		70-130	0.549	30	V-05
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0	ND	104		70-130	0.478	30	
Dibromomethane	10.8	1.0	µg/L	10.0	ND	108		70-130	5.06	30	
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0	ND	101		70-130	0.0991	30	
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.0	ND	100		70-130	2.83	30	
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0	ND	102		70-130	3.89	30	
trans-1,4-Dichloro-2-butene	5.61	2.0	µg/L	10.0	ND	**56.1**	*	70-130	5.21	30	MS-09, V-05
Dichlorodifluoromethane (Freon 12)	27.6	2.0	µg/L	10.0	16.8	108		70-130	7.71	30	V-05
1,1-Dichloroethane	13.2	1.0	µg/L	10.0	1.05	122		70-130	1.37	30	
1,2-Dichloroethane	11.2	1.0	µg/L	10.0	ND	112		70-130	2.56	30	
1,1-Dichloroethylene	12.1	1.0	µg/L	10.0	0.230	119		70-130	0.413	30	
cis-1,2-Dichloroethylene	29.5	1.0	µg/L	10.0	16.1	**134**	*	70-130	2.26	30	MS-24
trans-1,2-Dichloroethylene	13.7	1.0	µg/L	10.0	0.330	**134**	*	70-130	1.03	30	MS-12
1,2-Dichloropropane	10.9	1.0	µg/L	10.0	ND	109		70-130	1.09	30	
1,3-Dichloropropane	11.0	0.50	µg/L	10.0	ND	110		70-130	1.89	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B036099 - SW-846 5030B											
Matrix Spike Dup (B036099-MSD1)	**Source: 11H0909-02**			Prepared: 08/24/11 Analyzed: 08/25/11							**PR-10**
2,2-Dichloropropane	8.47	1.0	µg/L	10.0	ND	84.7		70-130	3.97	30	
1,1-Dichloropropene	12.0	2.0	µg/L	10.0	ND	120		70-130	0.417	30	
cis-1,3-Dichloropropene	9.46	0.50	µg/L	10.0	ND	94.6		70-130	1.68	30	
trans-1,3-Dichloropropene	9.75	0.50	µg/L	10.0	ND	97.5		70-130	3.33	30	
Diethyl Ether	11.4	2.0	µg/L	10.0	ND	114		70-130	2.94	30	
Diisopropyl Ether (DIPE)	11.1	0.50	µg/L	10.0	0.100	110		70-130	1.07	30	
1,4-Dioxane	97.5	50	µg/L	100	ND	97.5		70-130	5.27	30	V-16
Ethylbenzene	10.9	1.0	µg/L	10.0	ND	109		70-130	2.78	30	
Hexachlorobutadiene	7.98	0.50	µg/L	10.0	ND	79.8		70-130	8.49	30	
2-Hexanone (MBK)	99.0	10	µg/L	100	ND	99.0		70-130	9.07	30	
Isopropylbenzene (Cumene)	12.4	1.0	µg/L	10.0	ND	124		70-130	5.46	30	
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.0	ND	108		70-130	6.10	30	
Methyl tert-Butyl Ether (MTBE)	11.0	1.0	µg/L	10.0	0.120	109		70-130	0.631	30	
Methylene Chloride	10.7	5.0	µg/L	10.0	ND	107		70-130	2.47	30	
4-Methyl-2-pentanone (MIBK)	105	10	µg/L	100	ND	105		70-130	4.41	30	
Naphthalene	6.29	2.0	µg/L	10.0	ND	**62.9**	*	70-130	7.20	30	MS-07A, V-05
n-Propylbenzene	10.4	1.0	µg/L	10.0	ND	104		70-130	4.11	30	
Styrene	10.4	1.0	µg/L	10.0	ND	104		70-130	3.13	30	
1,1,1,2-Tetrachloroethane	8.34	1.0	µg/L	10.0	ND	83.4		70-130	5.55	30	V-05
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0	ND	103		70-130	2.56	30	
Tetrachloroethylene	33.9	1.0	µg/L	10.0	21.7	122		70-130	4.21	30	
Tetrahydrofuran	10.1	10	µg/L	10.0	ND	101		70-130	10.7	30	
Toluene	11.4	1.0	µg/L	10.0	ND	114		70-130	2.75	30	
1,2,3-Trichlorobenzene	7.16	5.0	µg/L	10.0	ND	71.6		70-130	0.279	30	V-05
1,2,4-Trichlorobenzene	7.69	1.0	µg/L	10.0	ND	76.9		70-130	1.55	30	
1,3,5-Trichlorobenzene	8.47	1.0	µg/L	10.0	ND	84.7		70-130	4.71	30	
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0	ND	107		70-130	4.38	30	
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0	ND	114		70-130	0.0881	30	
Trichloroethylene	23.0	1.0	µg/L	10.0	10.6	124		70-130	2.82	30	
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0	ND	110		70-130	2.57	30	
1,2,3-Trichloropropane	9.47	2.0	µg/L	10.0	ND	94.7		70-130	2.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	1.0	µg/L	10.0	ND	116		70-130	4.32	30	
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0	ND	102		70-130	1.57	30	
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.0	ND	103		70-130	2.86	30	
Vinyl Chloride	10.3	2.0	µg/L	10.0	0.770	95.6		70-130	0.680	30	
m+p Xylene	21.3	2.0	µg/L	20.0	ND	107		70-130	0.894	20	
o-Xylene	10.8	1.0	µg/L	10.0	ND	108		70-130	3.97	30	
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105		70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102		70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4		70-130			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036076 - SW-846 3005A										
Blank (B036076-BLK1)				Prepared & Analyzed: 08/24/11						
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
LCS (B036076-BS1)				Prepared & Analyzed: 08/24/11						
Cadmium	0.571	0.0040	mg/L	0.500		114	80-120			
Chromium	0.550	0.010	mg/L	0.500		110	80-120			
LCS Dup (B036076-BSD1)				Prepared & Analyzed: 08/24/11						
Cadmium	0.576	0.0040	mg/L	0.500		115	80-120	0.893	20	
Chromium	0.554	0.010	mg/L	0.500		111	80-120	0.856	20	
Duplicate (B036076-DUP1)	**Source: 11H0909-02**			Prepared & Analyzed: 08/24/11						
Cadmium	ND	0.0040	mg/L		ND			NC	20	
Chromium	0.0108	0.010	mg/L		0.0111			2.24	20	
Matrix Spike (B036076-MS1)	**Source: 11H0909-02**			Prepared & Analyzed: 08/24/11						
Cadmium	0.573	0.0040	mg/L	0.500	ND	115	75-125			
Chromium	0.547	0.010	mg/L	0.500	0.0111	107	75-125			
Matrix Spike Dup (B036076-MSD1)	**Source: 11H0909-02**			Prepared & Analyzed: 08/24/11						
Cadmium	0.583	0.0040	mg/L	0.500	ND	117	75-125	1.66	20	
Chromium	0.555	0.010	mg/L	0.500	0.0111	109	75-125	1.47	20	

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036132 - SW-846 3005A Dissolved										
Blank (B036132-BLK1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
LCS (B036132-BS1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Cadmium	0.547	0.0040	mg/L	0.500		109	80-120			
Chromium	0.544	0.010	mg/L	0.500		109	80-120			
LCS Dup (B036132-BSD1)				Prepared: 08/24/11 Analyzed: 08/25/11						
Cadmium	0.539	0.0040	mg/L	0.500		108	80-120	1.52	20	
Chromium	0.536	0.010	mg/L	0.500		107	80-120	1.45	20	
Duplicate (B036132-DUP1)	**Source: 11H0909-02**			Prepared: 08/24/11 Analyzed: 08/25/11						
Cadmium	ND	0.0040	mg/L		ND			NC	20	
Chromium	ND	0.010	mg/L		ND			NC	20	
Matrix Spike (B036132-MS1)	**Source: 11H0909-02**			Prepared: 08/24/11 Analyzed: 08/25/11						
Cadmium	0.558	0.0040	mg/L	0.500	ND	112	75-125			
Chromium	0.531	0.010	mg/L	0.500	ND	106	75-125			
Matrix Spike Dup (B036132-MSD1)	**Source: 11H0909-02**			Prepared: 08/24/11 Analyzed: 08/25/11						
Cadmium	0.554	0.0040	mg/L	0.500	ND	111	75-125	0.719	20	
Chromium	0.530	0.010	mg/L	0.500	ND	106	75-125	0.0756	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
PR-05	Headspace present in sampling vial.
PR-10	pH of sample (pH 7) is outside of method specified preservation criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
Z-01	Sample had to be poured off into a new vial due to an excessive amount of sediment present.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Cadmium	CT,NH,NY,RI,ME,NC
Cadmium	CT,NH,NY,RI,ME,NC
Chromium	CT,NH,NY,RI,ME,NC
Chromium	CT,NH,NY,RI,ME,NC
SW-846 8260C in Water	
Acetone	CT,NH,NY,NC,ME
Acrylonitrile	CT,NY,NC,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,NC,ME
Benzene	CT,NH,NY,NC,ME,RI
Bromobenzene	NC
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME,RI
Bromoform	CT,NH,NY,NC,ME,RI
Bromomethane	CT,NH,NY,NC,ME,RI
2-Butanone (MEK)	CT,NH,NY,NC,ME
tert-Butyl Alcohol (TBA)	NH,NY,NC,ME
n-Butylbenzene	NY,NC,ME
sec-Butylbenzene	NY,NC,ME
tert-Butylbenzene	NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,NC,ME
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME,RI
Chlorobenzene	CT,NH,NY,NC,ME,RI
Chlorodibromomethane	CT,NH,NY,NC,ME,RI
Chloroethane	CT,NH,NY,NC,ME,RI
Chloroform	CT,NH,NY,NC,ME,RI
Chloromethane	CT,NH,NY,NC,ME,RI
2-Chlorotoluene	NY,NC,ME
4-Chlorotoluene	NY,NC,ME
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NY,NC,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,ME,RI
1,1-Dichloroethane	CT,NH,NY,NC,ME,RI
1,2-Dichloroethane	CT,NH,NY,NC,ME,RI
1,1-Dichloroethylene	CT,NH,NY,NC,ME,RI
cis-1,2-Dichloroethylene	NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME,RI
1,2-Dichloropropane	CT,NH,NY,NC,ME,RI
1,3-Dichloropropane	NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NH,NY,NC,ME
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME,RI
Hexachlorobutadiene	CT,NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	NY,NC,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC,ME
Methylene Chloride	CT,NH,NY,NC,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC,ME
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	CT,NH,NY,NC,ME
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME,RI
Tetrachloroethylene	CT,NH,NY,NC,ME,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME,RI
1,2,3-Trichlorobenzene	NH,NY,NC,ME
1,2,4-Trichlorobenzene	CT,NH,NY,NC,ME
1,3,5-Trichlorobenzene	NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,ME,RI
Trichloroethylene	CT,NH,NY,NC,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME,RI
1,2,3-Trichloropropane	NH,NY,NC,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,NC
1,2,4-Trimethylbenzene	NY,NC,ME
1,3,5-Trimethylbenzene	NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME,RI
m+p Xylene	CT,NH,NY,NC,ME,RI
o-Xylene	CT,NH,NY,NC,ME,RI

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

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Email: info@contestlabs.com
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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of ____

11H0909

Company Name: Ecology & Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: B Kroon / R Watt
Project Location: Farmingdale, NY
Sampled By: M Horanburg / M Cheplowitz R. Watt

Telephone: 716-684-8060
Project # 002699.1D25.02
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: per contract
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers: 8260B VOCs	** Preservation: 8260B VOCs	ANALYSIS REQUESTED: 6010B Cr-/Cd Soluble	ANALYSIS REQUESTED: 6010B Cr/Cd Total
								2	3	1	1
								H	I	N	N
								V	V	P	P
-01	TB-08192011	8/19/11	0710		X	GW	L	2			
-02	PW17-125	↓	0740		X				9	1	2
-03	PW17-150		0955		X				3	1	1
-04	PW17-150/Q		0955		X				3	1	1
-05	PW17-175		1200		X				3	1	1
-06	PW17-200		1445		X				3	1	1
-07	PW16-025	8/22/11	1200		X				3		
-08	PW16-050	↓	1225		X				3		
-09	PW16-075		13:50		X				3		
-10	PW16-100		1550		X				3		

Comments:
PW17-125 Extra volume for MS/MSD & LCS/LCSD

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

Dissolved Metals
☒ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

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

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

Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	8/22/11 18:00	5.8°	8/23/11 1228
Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval
per contract

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

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

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K0407412386

Updated: 08/23/2011 2:35 P.M. Eastern Time

Delivered

Delivered On:
Tuesday, 08/23/2011 at 12:28 P.M.

Left At:
Office

Signed By:
COLLINS

Proof of Delivery

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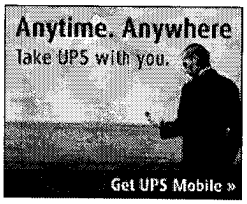
To:
EAST LONGMEADOW, MA, US

Shipped By

UPS GROUND



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Type: Package

Shipment Progress

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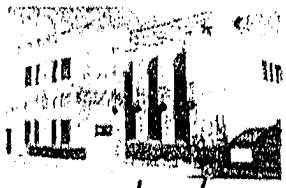

Sample Receipt Checklist

CLIENT NAME: Ecology & Environment RECEIVED BY: CEC DATE: 8/23/11

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

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.8c

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No

(Walk-in clients only) if not already approved

Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	34	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 34 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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

Do all samples have the proper Base pH: Yes No N/A

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ICP

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

1 - FORM I
ANALYSIS DATA SHEET
PW 14-25

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-06
Sampled:	08/24/11 12:20		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium	0.0041	0.0018	0.0040	1		B036430	08/30/11 20:29	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036400	08/30/11 12:34	SW-846 6010C
7440-47-3	Chromium	1.1	0.0034	0.010	1		B036430	08/30/11 20:29	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036400	08/30/11 12:34	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW 14-50

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-07
Sampled:	08/24/11 12:50		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	U	B036430	08/30/11 20:33	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036400	08/30/11 12:59	SW-846 6010C
7440-47-3	Chromium	0.48	0.0034	0.010	1		B036430	08/30/11 20:33	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036400	08/30/11 12:59	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW 14-75

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-08
Sampled:	08/24/11 13:50		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium	0.0047	0.0018	0.0040	1		B036430	08/30/11 20:39	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036400	08/30/11 13:03	SW-846 6010C
7440-47-3	Chromium	2.0	0.0034	0.010	1		B036430	08/30/11 20:39	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036400	08/30/11 13:03	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW 14-100

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-09
Sampled:	08/24/11 16:00		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium	0.020	0.0036	0.0080	1		B036430	08/31/11 18:59	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036400	08/30/11 13:07	SW-846 6010C
7440-47-3	Chromium	2.4	0.0068	0.020	1		B036430	08/31/11 18:59	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036400	08/30/11 13:07	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW 14-125

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-10
Sampled:	08/24/11 17:50		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium	0.011	0.0036	0.0080	1		B036430	08/31/11 19:03	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036400	08/30/11 13:12	SW-846 6010C
7440-47-3	Chromium	5.0	0.0068	0.020	1		B036430	08/31/11 19:03	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036400	08/30/11 13:12	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW 14-150

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-11
Sampled:	08/25/11 09:55		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0036	0.0080	1	J	B036430	08/31/11 19:08	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036400	08/30/11 13:16	SW-846 6010C
7440-47-3	Chromium	5.7	0.0068	0.020	1		B036430	08/31/11 19:08	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036400	08/30/11 13:16	SW-846 6010C

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
		Sequence:	S001042

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001042-ICV1	Cadmium	1.00	1.04	104	mg/L	+/- 10.00%
	Chromium	1.00	1.01	101	mg/L	+/- 10.00%
S001042-CCV1	Cadmium	5.00	4.94	98.7	mg/L	+/- 10.00%
	Chromium	5.00	5.02	100	mg/L	+/- 10.00%
S001042-CCV2	Cadmium	5.00	4.77	95.5	mg/L	+/- 10.00%
	Chromium	5.00	5.13	103	mg/L	+/- 10.00%
S001042-CCV3	Cadmium	5.00	4.92	98.4	mg/L	+/- 10.00%
	Chromium	5.00	5.24	105	mg/L	+/- 10.00%
S001042-CCV4	Cadmium	5.00	4.91	98.1	mg/L	+/- 10.00%
	Chromium	5.00	5.12	102	mg/L	+/- 10.00%
S001042-CCV5	Cadmium	5.00	4.73	94.7	mg/L	+/- 10.00%
	Chromium	5.00	5.04	101	mg/L	+/- 10.00%
S001042-CCV6	Cadmium	5.00	4.63	92.7	mg/L	+/- 10.00%
	Chromium	5.00	5.04	101	mg/L	+/- 10.00%
S001042-CCV7	Cadmium	5.00	4.52	90.4	mg/L	+/- 10.00%
	Chromium	5.00	5.06	101	mg/L	+/- 10.00%
S001042-CCV8	Cadmium	5.00	4.50	90.1	mg/L	+/- 10.00%
	Chromium	5.00	5.10	102	mg/L	+/- 10.00%
S001042-CCV9	Cadmium	5.00	4.55	91.1	mg/L	+/- 10.00%
	Chromium	5.00	5.12	102	mg/L	+/- 10.00%

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
		Sequence:	S001066

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001066-ICV1	Cadmium	1.00	1.04	104	mg/L	+/- 10.00%
	Chromium	1.00	1.01	101	mg/L	+/- 10.00%
S001066-CCV1	Cadmium	5.00	4.97	99.5	mg/L	+/- 10.00%
	Chromium	5.00	4.97	99.4	mg/L	+/- 10.00%
S001066-CCV2	Cadmium	5.00	5.05	101	mg/L	+/- 10.00%
	Chromium	5.00	4.94	98.9	mg/L	+/- 10.00%
S001066-CCV3	Cadmium	5.00	4.99	99.7	mg/L	+/- 10.00%
	Chromium	5.00	4.93	98.7	mg/L	+/- 10.00%
S001066-CCV4	Cadmium	5.00	4.99	99.9	mg/L	+/- 10.00%
	Chromium	5.00	4.96	99.3	mg/L	+/- 10.00%

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001042		

Lab Sample ID	Analyte	Found	Units	RL	C
S001042-ICB1	Cadmium	3.78E-4	mg/L	0.0050	U
	Chromium	1.27E-4	mg/L	0.010	U
S001042-CCB2	Cadmium	0.00045	mg/L	0.0050	U
	Chromium	-0.00021	mg/L	0.010	U
B036400-BLK1	Cadmium (dissolved)	0.00022	mg/L	0.0040	U
	Chromium (dissolved)	0.00039	mg/L	0.010	U
S001042-CCB3	Cadmium	0.00053	mg/L	0.0050	U
	Chromium	0.00042	mg/L	0.010	U
S001042-CCB4	Cadmium	0.00015	mg/L	0.0050	U
	Chromium	-3.2E-5	mg/L	0.010	U
S001042-CCB5	Cadmium	0.00031	mg/L	0.0050	U
	Chromium	-0.00021	mg/L	0.010	U
B036430-BLK1	Cadmium	0.00025	mg/L	0.0040	U
	Chromium	0.00039	mg/L	0.010	U
S001042-CCB6	Cadmium	0.00015	mg/L	0.0050	U
	Chromium	0.00017	mg/L	0.010	U
S001042-CCB7	Cadmium	0.00026	mg/L	0.0050	U
	Chromium	-0.00021	mg/L	0.010	U
S001042-CCB8	Cadmium	0.00026	mg/L	0.0050	U
	Chromium	-3.5E-5	mg/L	0.010	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001066		

Lab Sample ID	Analyte	Found	Units	RL	C
S001066-ICB1	Cadmium	3.94E-4	mg/L	0.0050	U
	Chromium	5.51E-4	mg/L	0.010	U
S001066-CCB2	Cadmium	0.00027	mg/L	0.0050	U
	Chromium	7.8E-5	mg/L	0.010	U
S001066-CCB3	Cadmium	0.00018	mg/L	0.0050	U
	Chromium	0.00080	mg/L	0.010	U
S001066-CCB4	Cadmium	0.00022	mg/L	0.0050	U
	Chromium	0.00050	mg/L	0.010	U

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001042		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001042-IFA1	Cadmium	0.25		0.00		mg/L
	Chromium	0.50		0.00		mg/L
S001042-IFB1	Cadmium	0.25	1.00	1.03	103	mg/L
	Chromium	0.50	0.500	0.49	99.0	mg/L
S001042-IFA2	Cadmium	0.25		0.00		mg/L
	Chromium	0.50		0.00		mg/L
S001042-IFB2	Cadmium	0.25	1.00	1.00	100	mg/L
	Chromium	0.50	0.500	0.50	101	mg/L
S001042-IFA3	Cadmium	0.25		0.00		mg/L
	Chromium	0.50		0.00		mg/L
S001042-IFB3	Cadmium	0.25	1.00	0.95	95.0	mg/L
	Chromium	0.50	0.500	0.50	100	mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001042		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001042-IFA1	Cadmium	0.25		0.00		mg/L
	Chromium	0.50		0.00		mg/L
S001042-IFB1	Cadmium	0.25	1.00	1.03	103	mg/L
	Chromium	0.50	0.500	0.49	99.0	mg/L
S001042-IFA2	Cadmium	0.25		0.00		mg/L
	Chromium	0.50		0.00		mg/L
S001042-IFB2	Cadmium	0.25	1.00	1.00	100	mg/L
	Chromium	0.50	0.500	0.50	101	mg/L
S001042-IFA3	Cadmium	0.25		0.00		mg/L
	Chromium	0.50		0.00		mg/L
S001042-IFB3	Cadmium	0.25	1.00	0.95	95.0	mg/L
	Chromium	0.50	0.500	0.50	100	mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001066		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001066-IFA1	Cadmium	0.25		0.00		mg/L
	Chromium	0.50		0.00		mg/L
S001066-IFB1	Cadmium	0.25	1.00	1.07	107	mg/L
	Chromium	0.50	0.500	0.51	101	mg/L
S001066-IFA2	Cadmium	0.25		0.00		mg/L
	Chromium	0.50		0.00		mg/L
S001066-IFB2	Cadmium	0.25	1.00	1.06	106	mg/L
	Chromium	0.50	0.500	0.50	99.5	mg/L

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A Dissolved
Batch:	B036400	Laboratory ID:	B036400-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.487	97.4	80 - 120
Chromium (dissolved)	0.500	0.507	101	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.488	97.7	0.299	20	80 - 120
Chromium (dissolved)	0.500	0.509	102	0.427	20	80 - 120

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A
Batch:	B036430	Laboratory ID:	B036430-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Cadmium	0.500	0.460	91.9	80 - 120
Chromium	0.500	0.489	97.7	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium	0.500	0.473	94.7	2.91	20	80 - 120
Chromium	0.500	0.508	102	3.92	20	80 - 120

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 11H1080
Client: Ecology & Environment
Matrix: Water
Instrument: ICP1

Analyte	MDL	MRL	Units	Method
Cadmium	0.0018	0.0040	mg/L	SW-846 6010C
Cadmium (dissolved)	0.0018	0.0040	mg/L	SW-846 6010C
Chromium	0.0034	0.010	mg/L	SW-846 6010C
Chromium (dissolved)	0.0034	0.010	mg/L	SW-846 6010C

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PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036400 Batch Matrix: Water	Preparation:	SW-846 3005A Dissolved

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
PW 14-25	11H1080-06	08/29/11 14:51	50.00	50.00
PW 14-50	11H1080-07	08/29/11 14:51	50.00	50.00
PW 14-75	11H1080-08	08/29/11 14:51	50.00	50.00
PW 14-100	11H1080-09	08/29/11 14:51	50.00	50.00
PW 14-125	11H1080-10	08/29/11 14:51	50.00	50.00
PW 14-150	11H1080-11	08/29/11 14:51	50.00	50.00
Blank	B036400-BLK1	08/29/11 14:51	50.00	50.00
LCS	B036400-BS1	08/29/11 14:51	50.00	50.00
LCS Dup	B036400-BSD1	08/29/11 14:51	50.00	50.00

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PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036430 Batch Matrix: Water	Preparation:	SW-846 3005A

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
PW 14-25	11H1080-06	08/30/11 07:18	50.00	50.00
PW 14-50	11H1080-07	08/30/11 07:18	50.00	50.00
PW 14-75	11H1080-08	08/30/11 07:18	50.00	50.00
PW 14-100	11H1080-09	08/30/11 07:18	25.00	50.00
PW 14-125	11H1080-10	08/30/11 07:18	25.00	50.00
PW 14-150	11H1080-11	08/30/11 07:18	25.00	50.00
Blank	B036430-BLK1	08/30/11 07:18	50.00	50.00
LCS	B036430-BS1	08/30/11 07:18	50.00	50.00
LCS Dup	B036430-BSD1	08/30/11 07:18	50.00	50.00

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

SAMPLE DATA

ANALYSIS SEQUENCE

S001042

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/19/2011 6:07:49PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001042-ICV1	QC		1		1108131	1108075		
S001042-ICB1	QC		2		1108024	1108075		
S001042-LCV1	QC		3		1106009	1108075		
S001042-CCV1	QC		4		1108023	1108075		
S001042-IFA1	QC		5		1108120	1108075		
S001042-IFB1	QC		6		1108121	1108075		
S001042-CCV2	QC		7		1108023	1108075		
S001042-CCB2	QC		8		1108024	1108075		
B036400-BLK1	QC		9			1108075		
B036400-BS1	QC		10			1108075		
B036400-BSD1	QC		11			1108075		
11H1097-05	Chromium 6010 Dissolved	G	12			1108075		BatchQC
11H1097-05	Cadmium 6010 Dissolved	G	13			1108075		BatchQC
B036400-DUP1	QC		14			1108075		
B036400-MS1	QC		15			1108075		
11H1080-06	Chromium 6010 Dissolved	D	16			1108075	Ecology & Environment	
11H1080-06	Cadmium 6010 Dissolved	D	17			1108075	Ecology & Environment	
S001042-CCV3	QC		18		1108023	1108075		
S001042-CCB3	QC		19		1108024	1108075		
11H1080-07	Cadmium 6010 Dissolved	D	20			1108075	Ecology & Environment	
11H1080-07	Chromium 6010 Dissolved	D	21			1108075	Ecology & Environment	
11H1080-08	Cadmium 6010 Dissolved	D	22			1108075	Ecology & Environment	
11H1080-08	Chromium 6010 Dissolved	D	23			1108075	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001042

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/19/2011 6:07:49PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
11H1080-09	Cadmium 6010 Dissolved	D	24			1108075	Ecology & Environment	
11H1080-09	Chromium 6010 Dissolved	D	25			1108075	Ecology & Environment	
11H1080-10	Cadmium 6010 Dissolved	C	26			1108075	Ecology & Environment	
11H1080-10	Chromium 6010 Dissolved	C	27			1108075	Ecology & Environment	
11H1080-11	Cadmium 6010 Dissolved	D	28			1108075	Ecology & Environment	
11H1080-11	Chromium 6010 Dissolved	D	29			1108075	Ecology & Environment	
S001042-CCV4	QC		30		1108023	1108075		
S001042-CCB4	QC		31		1108024	1108075		
S001042-IFA2	QC		32		1108120	1108075		
S001042-IFB2	QC		33		1108121	1108075		
S001042-CCV5	QC		34		1108023	1108075		
S001042-CCB5	QC		35		1108024	1108075		
B036430-BLK1	QC		36			1108075		
B036430-BS1	QC		37			1108075		
B036430-BSD1	QC		38			1108075		
11H0963-01	Chromium 6010 Total	B	39			1108075		BatchQC
11H0963-01	Cadmium 6010 Total	B	40			1108075		BatchQC
B036430-DUP1	QC		41			1108075		
B036430-MS1	QC		42			1108075		
S001042-CCV6	QC		43		1108023	1108075		
S001042-CCB6	QC		44		1108024	1108075		
11H1080-06	Cadmium 6010 Total	D	45			1108075	Ecology & Environment	
11H1080-06	Chromium 6010 Total	D	46			1108075	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001042

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/19/2011 6:07:49PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
11H1080-07	Cadmium 6010 Total	D	47			1108075	Ecology & Environment	
11H1080-07	Chromium 6010 Total	D	48			1108075	Ecology & Environment	
11H1080-08	Chromium 6010 Total	D	49			1108075	Ecology & Environment	
11H1080-08	Cadmium 6010 Total	D	50			1108075	Ecology & Environment	
S001042-CCV7	QC		57		1108023	1108075		
S001042-CCB7	QC		58		1108024	1108075		
S001042-IFA3	QC		59		1108120	1108075		
S001042-IFB3	QC		60		1108121	1108075		
S001042-CCV8	QC		61		1108023	1108075		
S001042-CCV9	QC		62		1108023	1108075		
S001042-CCB8	QC		63		1108024	1108075		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 08/29/11 14:51 | B036400 | **Printed: 8/29/2011 3:00:22PM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A Dissolved

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036400-BLK1	Blank	50	50		|	
B036400-BS1	LCS	50	50		250 |	
B036400-BSD1	LCS Dup	50	50		250 |	
B036400-DUP1	Duplicate [11H1097-05]	50	50		|	
B036400-MS1	Matrix Spike [11H1097-05]	50	50		250 |	
11H1043-03	MW-2	50	50	09/01/11		
11H1080-06	PW 14-25	50	50	09/02/11	Ecology & Environment	
11H1080-07	PW 14-50	50	50	09/02/11	Ecology & Environment	
11H1080-08	PW 14-75	50	50	09/02/11	Ecology & Environment	
11H1080-09	PW 14-100	50	50	09/02/11	Ecology & Environment	
11H1080-10	PW 14-125	50	50	09/02/11	Ecology & Environment	
11H1080-11	PW 14-150	50	50	09/02/11	Ecology & Environment	
11H1097-05	MW-2R	50	50			Added for BatchQC in: B036400
11H1097-06	HRP-4	50	50	09/02/11		
11H1097-07	GES-102	50	50	09/02/11		
11H1097-09	GES-104	50	50	09/02/11		
11H1097-10	GES-106	50	50	09/02/11		

Cd Cr Fe

Standard(s):
1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036

Sr. 2 @ 94.9C by EMS 8/29/11

Eppen #4035696

Spike witness _____ 8-25-11

All samples field filtered / preserved EMS 8/29/11

EMS 8/29/11
Prepared By Date

Preparation Reviewed By 8/31/11
Date

PREPARATION BENCH SHEET

Prepared: 08/30/11 07:18 | B036430 | **Printed: 8/30/2011 7:25:50AM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036430-BLK1	Blank	50	50		|	
B036430-BS1	LCS	50	50		250 |	
B036430-BSD1	LCS Dup	50	50		250 |	
B036430-DUP1	Duplicate [11H0963-01]	50	50		|	
B036430-MS1	Matrix Spike [11H0963-01]	50	50		250 |	
11H0963-01	System Effluent	50	50			Added for BatchQC in: B036430
11H0963-03	System Influent	50	50	09/01/11		
11H1011-01	Photographic Fixer	50	50	09/02/11		
11H1080-06	PW 14-25	50	50	09/02/11	Ecology & Environment	
11H1080-07	PW 14-50	50	50	09/02/11	Ecology & Environment	
11H1080-08	PW 14-75	50	50	09/02/11	Ecology & Environment	
11H1080-09	PW 14-100	~~50~~ 25	50	09/02/11	Ecology & Environment	2X dilution
11H1080-10	PW 14-125	~~50~~ 25	50	09/02/11	Ecology & Environment	2X dilution
11H1080-11	PW 14-150	~~50~~ 25	50	09/02/11	Ecology & Environment	2X dilution
11H1097-05	MW-2R	50	50	09/02/11		
11H1097-06	HRP-4	50	50	09/02/11		
11H1097-07	GES-102	50	50	09/02/11		
11H1097-09	GES-104	50	50	09/02/11		
11H1097-10	GES-106	50	50	09/02/11		
11H1101-01	MW-901	50	50	09/06/11		
11H1101-04	MW-904	50	50	09/06/11		
11H1144-01	Influent	50	50	09/06/11		
11H1144-02	Effluent	50	50	09/06/11		

EMS 8/30/11

As	Cd	Cr	Fe	Pb	V
Ag					

Standard(s):
1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036
1107202	Hydrochloric Acid 36.5-38%	K12046

EMS 8/30/11
Prepared By Date

Preparation Reviewed By Date

PREPARATION BENCH SHEET

Prepared: 08/30/11 07:18 B036430 **Printed: 8/30/2011 7:25:50AM**

Con-Test Analytical Laboratory

Matrix: Water

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Sr. 2 @ 94.9C by EMS 8/30/11

Eppen #4035696

Spike witness SAJ 8/30/11

Prepared By Date

Preparation Reviewed By 8/31/11 Date

OPTIMA 1
08/30/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		8/30/2011	8:11:21 AM	3299173	2			
Calib Blank 1	Cd		mg/L		8/30/2011	8:11:43 AM	83	10			
Calib Blank 1	Cr		mg/L		8/30/2011	8:11:23 AM	1	1429			
S1-17	Y		%		8/30/2011	8:14:48 AM	3178335	0			
S1-17	Cd		mg/L		8/30/2011	8:14:48 AM	404356	1			
S1-17	Cr		mg/L		8/30/2011	8:14:48 AM	321352	0			
SEQ-ICV	Y		%		8/30/2011	8:30:56 AM	3212435	1			
SEQ-ICV	Cd	1.0411	mg/L	104	8/30/2011	8:30:58 AM	42099	1	1.0433	1.0516	1.0285
SEQ-ICV	Cr	1.0100	mg/L	101	8/30/2011	8:30:58 AM	32457	1	1.0175	1.0187	0.9939
SEQ-ICB/CCB	Y		%		8/30/2011	8:36:18 AM	3228646	1			
SEQ-ICB/CCB	Cd	0.0004	mg/L		8/30/2011	8:36:41 AM	15	29	0.0004	0.0004	0.0003
SEQ-ICB/CCB	Cr	0.0001	mg/L		8/30/2011	8:36:41 AM	4	181	-0.0001	0.0001	0.0004
SEQ-CCV 17	Y		%		8/30/2011	8:55:13 AM	3354049	0			
SEQ-CCV 17	Cd	4.9371	mg/L	99	8/30/2011	8:55:13 AM	199633	0	4.9555	4.9230	4.9327
SEQ-CCV 17	Cr	5.0192	mg/L	100	8/30/2011	8:55:13 AM	161292	0	5.0205	5.0002	5.0369
SEQ-IFA	Y		%		8/30/2011	9:31:03 AM	2844222	1			
SEQ-IFA	Cd	0.0022	mg/L	55	8/30/2011	9:31:25 AM	90	11	0.0025	0.0022	0.0020
SEQ-IFA	Cr	-0.0039	mg/L		8/30/2011	9:31:25 AM	-125	5	-0.0041	-0.0038	-0.0038
SEQ-IFB	Y		%		8/30/2011	9:35:35 AM	2890610	1			
SEQ-IFB	Cd	1.0276	mg/L	103	8/30/2011	9:35:37 AM	41553	1	1.0307	1.0216	1.0306
SEQ-IFB	Cr	0.4949	mg/L	99	8/30/2011	9:35:37 AM	15905	1	0.4978	0.4917	0.4952
SEQ-CCV 17	Y		%		8/30/2011	11:38:58 AM	3244954	1			
SEQ-CCV 17	Cd	4.7732	mg/L	95	8/30/2011	11:38:58 AM	193006	0	4.7535	4.7821	4.7838
SEQ-CCV 17	Cr	5.1300	mg/L	103	8/30/2011	11:38:58 AM	164852	0	5.1159	5.1307	5.1433
SEQ-ICB/CCB	Y		%		8/30/2011	11:49:46 AM	3256210	1			
SEQ-ICB/CCB	Cd	0.0004	mg/L		8/30/2011	11:50:09 AM	18	17	0.0004	0.0005	0.0004
SEQ-ICB/CCB	Cr	-0.0002	mg/L		8/30/2011	11:49:49 AM	-7	290	-0.0009	0.0001	0.0002
B036400-BLK1	Y		%		8/30/2011	11:55:59 AM	3296193	1			
B036400-BLK1	Cd	0.0002	mg/L		8/30/2011	11:56:22 AM	9	12	0.0002	0.0002	0.0002
B036400-BLK1	Cr	0.0004	mg/L		8/30/2011	11:56:01 AM	13	155	-0.0001	0.0002	0.0011
B036400-BS1	Y		%		8/30/2011	12:00:23 PM	3285340	1			
B036400-BS1	Cd	0.4870	mg/L		8/30/2011	12:00:25 PM	19694	1	0.4823	0.4872	0.4916
B036400-BS1	Cr	0.5073	mg/L		8/30/2011	12:00:25 PM	16302	1	0.5006	0.5072	0.5140
B036400-BSD1	Y		%		8/30/2011	12:05:46 PM	3247163	1			
B036400-BSD1	Cd	0.4885	mg/L		8/30/2011	12:05:48 PM	19753	1	0.4921	0.4867	0.4867
B036400-BSD1	Cr	0.5095	mg/L		8/30/2011	12:05:48 PM	16371	1	0.5155	0.5065	0.5064
11H1097-05	Y		%		8/30/2011	12:11:12 PM	3023263	0			
11H1097-05	Cd	0.0011	mg/L		8/30/2011	12:11:34 PM	46	14	0.0013	0.0011	0.0010
11H1097-05	Cr	-0.0005	mg/L		8/30/2011	12:11:34 PM	-17	24	-0.0005	-0.0004	-0.0007
B036400-DUP1	Y		%		8/30/2011	12:15:38 PM	2980257	1			
B036400-DUP1	Cd	0.0009	mg/L		8/30/2011	12:16:00 PM	36	9	0.0010	0.0008	0.0008
B036400-DUP1	Cr	-0.0003	mg/L		8/30/2011	12:16:00 PM	-9	54	-0.0005	-0.0003	-0.0001
B036400-MS1	Y		%		8/30/2011	12:19:09 PM	3024015	0			
B036400-MS1	Cd	0.5045	mg/L		8/30/2011	12:19:11 PM	20401	2	0.5001	0.4992	0.5143
B036400-MS1	Cr	0.5108	mg/L		8/30/2011	12:19:11 PM	16415	2	0.5094	0.5023	0.5207
11H1043-03	Y		%		8/30/2011	12:33:29 PM	2999747	0			
11H1043-03	Cd	0.0007	mg/L		8/30/2011	12:33:51 PM	28	11	0.0007	0.0006	0.0008
11H1043-03	Cr	0.0000	mg/L		8/30/2011	12:33:51 PM	-1	675	0.0000	0.0002	-0.0002
11H1080-06	Y		%		8/30/2011	12:37:54 PM	3120732	1			
11H1080-06	Cd	0.0004	mg/L		8/30/2011	12:38:17 PM	15	11	0.0004	0.0003	0.0004
11H1080-06	Cr	-0.0012	mg/L		8/30/2011	12:38:17 PM	-37	16	-0.0013	-0.0010	-0.0012
SEQ-CCV 17	Y		%		8/30/2011	12:42:22 PM	3142575	1			
SEQ-CCV 17	Cd	4.9197	mg/L	98	8/30/2011	12:42:22 PM	198931	2	4.8431	4.8940	5.0221
SEQ-CCV 17	Cr	5.2391	mg/L	105	8/30/2011	12:42:22 PM	168360	2	5.1675	5.2222	5.3276
SEQ-ICB/CCB	Y		%		8/30/2011	12:53:09 PM	3109887	1			
SEQ-ICB/CCB	Cd	0.0005	mg/L		8/30/2011	12:53:32 PM	21	23	0.0007	0.0005	0.0005
SEQ-ICB/CCB	Cr	0.0004	mg/L		8/30/2011	12:53:12 PM	14	66	0.0003	0.0003	0.0007
11H1080-07	Y		%		8/30/2011	1:02:15 PM	3148981	0			
11H1080-07	Cd	0.0004	mg/L		8/30/2011	1:02:37 PM	16	11	0.0004	0.0004	0.0004
11H1080-07	Cr	-0.0004	mg/L		8/30/2011	1:02:37 PM	-12	27	-0.0003	-0.0005	-0.0004
11H1080-08	Y		%		8/30/2011	1:06:41 PM	3098320	0			
11H1080-08	Cd	0.0005	mg/L		8/30/2011	1:07:03 PM	19	24	0.0006	0.0004	0.0004
11H1080-08	Cr	-0.0008	mg/L		8/30/2011	1:07:03 PM	-25	11	-0.0007	-0.0007	-0.0009
11H1080-09	Y		%		8/30/2011	1:11:05 PM	3075722	1			
11H1080-09	Cd	0.0004	mg/L		8/30/2011	1:11:28 PM	17	29	0.0004	0.0006	0.0004
11H1080-09	Cr	-0.0007	mg/L		8/30/2011	1:11:28 PM	-22	25	-0.0005	-0.0007	-0.0008
11H1080-10	Y		%		8/30/2011	1:15:29 PM	3137461	1			
11H1080-10	Cd	0.0002	mg/L		8/30/2011	1:15:52 PM	9	17	0.0003	0.0002	0.0002
11H1080-10	Cr	-0.0003	mg/L		8/30/2011	1:15:52 PM	-8	73	-0.0005	-0.0003	-0.0001
11H1080-11	Y		%		8/30/2011	1:19:53 PM	3170418	1			
11H1080-11	Cd	0.0004	mg/L		8/30/2011	1:20:16 PM	17	18	0.0004	0.0004	0.0005
11H1080-11	Cr	-0.0010	mg/L		8/30/2011	1:20:16 PM	-31	11	-0.0009	-0.0009	-0.0011

OPTIMA 1
08/30/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
11H1097-06	Y		%		8/30/2011	1:25:17 PM	3208785	0			
11H1097-06	Cd	0.0003	mg/L		8/30/2011	1:25:39 PM	12	48	0.0002	0.0004	0.0003
11H1097-06	Cr	0.0000	mg/L		8/30/2011	1:25:39 PM	-1	314	0.0001	-0.0001	0.0000
11H1097-07	Y		%		8/30/2011	1:29:48 PM	3071118	1			
11H1097-07	Cd	0.0002	mg/L		8/30/2011	1:30:11 PM	9	23	0.0003	0.0002	0.0002
11H1097-07	Cr	0.0003	mg/L		8/30/2011	1:30:11 PM	10	117	0.0005	0.0005	-0.0001
11H1097-09	Y		%		8/30/2011	1:34:20 PM	3004215	1			
11H1097-09	Cd	0.0007	mg/L		8/30/2011	1:34:43 PM	29	10	0.0007	0.0007	0.0008
11H1097-09	Cr	-0.0005	mg/L		8/30/2011	1:34:43 PM	-17	30	-0.0006	-0.0003	-0.0006
11H1097-10	Y		%		8/30/2011	1:39:51 PM	3013717	1			
11H1097-10	Cd	0.0005	mg/L		8/30/2011	1:40:14 PM	22	12	0.0006	0.0005	0.0006
11H1097-10	Cr	0.0005	mg/L		8/30/2011	1:40:14 PM	16	37	0.0004	0.0007	0.0004
SEQ-CCV 17	Y		%		8/30/2011	1:44:18 PM	3198755	1			
SEQ-CCV 17	Cd	4.9061	mg/L	98	8/30/2011	1:44:18 PM	198382	0	4.8792	4.9147	4.9245
SEQ-CCV 17	Cr	5.1237	mg/L	102	8/30/2011	1:44:18 PM	164652	0	5.0988	5.1399	5.1325
SEQ-ICB/CCB	Y		%		8/30/2011	1:59:30 PM	3259382	1			
SEQ-ICB/CCB	Cd	0.0001	mg/L		8/30/2011	1:59:52 PM	6	77	0.0002	0.0002	0.0000
SEQ-ICB/CCB	Cr	0.0000	mg/L		8/30/2011	1:59:32 PM	-1	560	-0.0002	0.0001	0.0001
SEQ-IFA	Y		%		8/30/2011	6:59:07 PM	2896279	0			
SEQ-IFA	Cd	0.0023	mg/L	58	8/30/2011	6:59:30 PM	93	6	0.0024	0.0022	0.0023
SEQ-IFA	Cr	-0.0040	mg/L		8/30/2011	6:59:30 PM	-130	4	-0.0039	-0.0042	-0.0041
SEQ-IFB	Y		%		8/30/2011	7:03:39 PM	2900910	1			
SEQ-IFB	Cd	1.0046	mg/L	100	8/30/2011	7:03:41 PM	40621	1	0.9954	1.0058	1.0126
SEQ-IFB	Cr	0.5032	mg/L	101	8/30/2011	7:03:41 PM	16169	1	0.4979	0.5043	0.5073
SEQ-CCV 17	Y		%		8/30/2011	7:09:06 PM	3311591	0			
SEQ-CCV 17	Cd	4.7330	mg/L	95	8/30/2011	7:09:06 PM	191381	0	4.7316	4.7230	4.7444
SEQ-CCV 17	Cr	5.0426	mg/L	101	8/30/2011	7:09:06 PM	162045	0	5.0485	5.0502	5.0291
SEQ-ICB/CCB	Y		%		8/30/2011	7:19:53 PM	3313577	1			
SEQ-ICB/CCB	Cd	0.0003	mg/L		8/30/2011	7:20:16 PM	12	6	0.0003	0.0003	0.0003
SEQ-ICB/CCB	Cr	-0.0002	mg/L		8/30/2011	7:19:56 PM	-7	389	0.0007	-0.0005	-0.0008
B036430-BLK1	Y		%		8/30/2011	7:24:17 PM	3296901	1			
B036430-BLK1	Cd	0.0002	mg/L		8/30/2011	7:24:39 PM	10	20	0.0002	0.0003	0.0002
B036430-BLK1	Cr	0.0004	mg/L		8/30/2011	7:24:19 PM	13	74	0.0002	0.0002	0.0007
B036430-BS1	Y		%		8/30/2011	7:28:43 PM	3193458	1			
B036430-BS1	Cd	0.4597	mg/L		8/30/2011	7:28:45 PM	18589	1	0.4636	0.4563	0.4593
B036430-BS1	Cr	0.4886	mg/L		8/30/2011	7:28:45 PM	15702	1	0.4928	0.4863	0.4867
B036430-BSD1	Y		%		8/30/2011	7:34:08 PM	3186018	2			
B036430-BSD1	Cd	0.4733	mg/L		8/30/2011	7:34:10 PM	19137	2	0.4802	0.4598	0.4798
B036430-BSD1	Cr	0.5081	mg/L		8/30/2011	7:34:10 PM	16329	2	0.5161	0.4946	0.5137
11H0963-01	Y		%		8/30/2011	7:39:40 PM	3072478	1			
11H0963-01	Cd	0.0006	mg/L		8/30/2011	7:40:02 PM	23	23	0.0005	0.0007	0.0005
11H0963-01	Cr	0.0008	mg/L		8/30/2011	7:40:02 PM	25	4	0.0008	0.0007	0.0008
B036430-DUP1	Y		%		8/30/2011	7:45:13 PM	3055531	1			
B036430-DUP1	Cd	0.0004	mg/L		8/30/2011	7:45:36 PM	17	2	0.0004	0.0004	0.0004
B036430-DUP1	Cr	0.0006	mg/L		8/30/2011	7:45:36 PM	21	38	0.0008	0.0004	0.0008
B036430-MS1	Y		%		8/30/2011	7:50:47 PM	3021730	1			
B036430-MS1	Cd	0.4783	mg/L		8/30/2011	7:50:49 PM	19341	2	0.4871	0.4751	0.4728
B036430-MS1	Cr	0.5084	mg/L		8/30/2011	7:50:49 PM	16339	1	0.5156	0.5061	0.5036
11H0963-03	Y		%		8/30/2011	8:06:15 PM	3041104	1			
11H0963-03	Cd	0.0015	mg/L		8/30/2011	8:06:38 PM	59	11	0.0016	0.0013	0.0015
11H0963-03	Cr	0.0325	mg/L		8/30/2011	8:06:38 PM	1043	2	0.0331	0.0318	0.0325
11H1011-01	Y		%		8/30/2011	8:11:50 PM	2899908	1			
11H1011-01	Cd	0.0004	mg/L		8/30/2011	8:12:13 PM	15	46	0.0005	0.0004	0.0002
11H1011-01	Cr	0.0202	mg/L		8/30/2011	8:12:13 PM	649	2	0.0206	0.0199	0.0201
SEQ-CCV 17	Y		%		8/30/2011	8:17:18 PM	3301679	1			
SEQ-CCV 17	Cd	4.6329	mg/L	93	8/30/2011	8:17:18 PM	187335	0	4.6312	4.6225	4.6450
SEQ-CCV 17	Cr	5.0359	mg/L	101	8/30/2011	8:17:18 PM	161830	0	5.0159	5.0498	5.0420
SEQ-ICB/CCB	Y		%		8/30/2011	8:28:07 PM	3319401	1			
SEQ-ICB/CCB	Cd	0.0002	mg/L		8/30/2011	8:28:30 PM	6	48	0.0002	0.0001	0.0001
SEQ-ICB/CCB	Cr	0.0002	mg/L		8/30/2011	8:28:10 PM	6	188	-0.0002	0.0002	0.0005
11H1080-06	Y		%		8/30/2011	8:31:39 PM	3239316	1			
11H1080-06	Cd	0.0041	mg/L		8/30/2011	8:32:02 PM	166	5	0.0042	0.0042	0.0039
11H1080-06	Cr	1.0881	mg/L		8/30/2011	8:31:42 PM	34966	1	1.1036	1.0759	1.0848
11H1080-07	Y		%		8/30/2011	8:37:06 PM	3193142	1			
11H1080-07	Cd	0.0013	mg/L		8/30/2011	8:37:28 PM	54	15	0.0015	0.0011	0.0013
11H1080-07	Cr	0.4776	mg/L		8/30/2011	8:37:08 PM	15349	0	0.4777	0.4787	0.4766
11H1080-08	Y		%		8/30/2011	8:41:40 PM	3168744	0			
11H1080-08	Cd	0.0047	mg/L		8/30/2011	8:42:02 PM	189	2	0.0046	0.0047	0.0048
11H1080-08	Cr	1.9972	mg/L		8/30/2011	8:41:42 PM	64181	2	1.9719	2.0308	1.9889
11H1097-05	Y		%		8/30/2011	8:47:08 PM	3049179	0			
11H1097-05	Cd	0.0005	mg/L		8/30/2011	8:47:31 PM	20	15	0.0006	0.0004	0.0005
11H1097-05	Cr	0.0002	mg/L		8/30/2011	8:47:31 PM	7	54	0.0003	0.0001	0.0002

OPTIMA 1
08/30/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
11H1097-06	Y		%		8/30/2011	8:51:34 PM	3258731	1			
11H1097-06	Cd	0.0004	mg/L		8/30/2011	8:51:57 PM	18	30	0.0003	0.0006	0.0004
11H1097-06	Cr	0.0003	mg/L		8/30/2011	8:51:57 PM	8	17	0.0003	0.0003	0.0002
11H1097-07	Y		%		8/30/2011	8:56:07 PM	3139339	1			
11H1097-07	Cd	0.0004	mg/L		8/30/2011	8:56:30 PM	17	20	0.0005	0.0004	0.0004
11H1097-07	Cr	0.0004	mg/L		8/30/2011	8:56:30 PM	14	51	0.0002	0.0006	0.0005
11H1097-09	Y		%		8/30/2011	9:00:41 PM	2977965	0			
11H1097-09	Cd	0.0011	mg/L		8/30/2011	9:01:04 PM	46	9	0.0010	0.0012	0.0012
11H1097-09	Cr	0.0003	mg/L		8/30/2011	9:01:04 PM	10	45	0.0001	0.0004	0.0004
11H1097-10	Y		%		8/30/2011	9:06:14 PM	3082956	0			
11H1097-10	Cd	0.0004	mg/L		8/30/2011	9:06:37 PM	16	28	0.0004	0.0003	0.0005
11H1097-10	Cr	0.0003	mg/L		8/30/2011	9:06:37 PM	11	48	0.0004	0.0002	0.0005
11H1101-01	Y		%		8/30/2011	9:10:41 PM	3167109	1			
11H1101-01	Cd	0.0003	mg/L		8/30/2011	9:11:03 PM	12	12	0.0002	0.0003	0.0003
11H1101-01	Cr	0.0001	mg/L		8/30/2011	9:11:03 PM	4	108	0.0003	0.0000	0.0001
11H1101-04	Y		%		8/30/2011	9:15:08 PM	3145829	0			
11H1101-04	Cd	0.0005	mg/L		8/30/2011	9:15:30 PM	19	14	0.0005	0.0004	0.0005
11H1101-04	Cr	-0.0009	mg/L		8/30/2011	9:15:30 PM	-29	11	-0.0010	-0.0008	-0.0008
SEQ-CCV 17	Y		%		8/30/2011	9:20:37 PM	3285293	1			
SEQ-CCV 17	Cd	4.5211	mg/L	90	8/30/2011	9:20:37 PM	182815	0	4.5202	4.5168	4.5264
SEQ-CCV 17	Cr	5.0649	mg/L	101	8/30/2011	9:20:37 PM	162760	0	5.0691	5.0689	5.0566
SEQ-ICB/CCB	Y		%		8/30/2011	9:31:24 PM	3348471	1			
SEQ-ICB/CCB	Cd	0.0003	mg/L		8/30/2011	9:31:47 PM	10	35	0.0002	0.0003	0.0003
SEQ-ICB/CCB	Cr	-0.0002	mg/L		8/30/2011	9:31:27 PM	-7	217	-0.0002	0.0003	-0.0006
11H1144-01	Y		%		8/30/2011	9:35:57 PM	2967889	1			
11H1144-01	Cd	0.0010	mg/L		8/30/2011	9:36:19 PM	41	18	0.0009	0.0012	0.0009
11H1144-01	Cr	0.0102	mg/L		8/30/2011	9:36:19 PM	327	7	0.0098	0.0110	0.0097
11H1144-02	Y		%		8/30/2011	9:41:31 PM	2962485	1			
11H1144-02	Cd	0.0006	mg/L		8/30/2011	9:41:53 PM	24	28	0.0006	0.0004	0.0008
11H1144-02	Cr	0.0063	mg/L		8/30/2011	9:41:53 PM	202	3	0.0062	0.0065	0.0061
SEQ-CCV 17	Y		%		8/30/2011	9:46:58 PM	3332368	1			
SEQ-CCV 17	Cd	4.5077	mg/L	90	8/30/2011	9:46:58 PM	182271	0	4.5064	4.5127	4.5039
SEQ-CCV 17	Cr	5.1142	mg/L	102	8/30/2011	9:46:58 PM	164345	0	5.1114	5.1241	5.1070
SEQ-ICB/CCB	Y		%		8/30/2011	9:57:46 PM	3330067	1			
SEQ-ICB/CCB	Cd	0.0002	mg/L		8/30/2011	9:58:09 PM	7	54	0.0002	0.0001	0.0003
SEQ-ICB/CCB	Cr	0.0001	mg/L		8/30/2011	9:57:49 PM	4	411	0.0001	-0.0004	0.0006
SEQ-IFA	Y		%		8/30/2011	10:06:35 PM	2943723	2			
SEQ-IFA	Cd	0.0020	mg/L	50	8/30/2011	10:06:57 PM	80	10	0.0019	0.0022	0.0018
SEQ-IFA	Cr	-0.0042	mg/L		8/30/2011	10:06:57 PM	-134	6	-0.0039	-0.0045	-0.0042
SEQ-IFB	Y		%		8/30/2011	10:11:07 PM	2953114	0			
SEQ-IFB	Cd	0.9500	mg/L	95	8/30/2011	10:11:09 PM	38413	2	0.9677	0.9370	0.9452
SEQ-IFB	Cr	0.5018	mg/L	100	8/30/2011	10:11:09 PM	16124	1	0.5085	0.4976	0.4992
SEQ-CCV 17	Y		%		8/30/2011	10:16:34 PM	3373163	1			
SEQ-CCV 17	Cd	4.5045	mg/L	90	8/30/2011	10:16:34 PM	182143	0	4.4873	4.5167	4.5095
SEQ-CCV 17	Cr	5.0985	mg/L	102	8/30/2011	10:16:34 PM	163841	0	5.0853	5.1060	5.1042
SEQ-CCV 17	Y		%		8/30/2011	10:20:00 PM	3340458	1			
SEQ-CCV 17	Cd	4.5537	mg/L	91	8/30/2011	10:20:00 PM	184133	0	4.5358	4.5509	4.5745
SEQ-CCV 17	Cr	5.1202	mg/L	102	8/30/2011	10:20:00 PM	164540	0	5.1044	5.1273	5.1289
SEQ-CCB	Y		%		8/30/2011	10:30:48 PM	3437886	1			
SEQ-CCB	Cd	0.0003	mg/L		8/30/2011	10:31:11 PM	11	84	0.0005	0.0000	0.0003
SEQ-CCB	Cr	0.0000	mg/L		8/30/2011	10:30:51 PM	-1	545	0.0002	-0.0001	-0.0002

ANALYSIS SEQUENCE

S001066

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/27/2011 5:45:19PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001066-ICV1	QC		1		1108131	1108075		
S001066-ICB1	QC		2		1108024	1108075		
S001066-LCV1	QC		3		1106009	1108075		
S001066-LCV2	QC		4		1106009	1108075		
S001066-CCV1	QC		5		1108023	1108075		
S001066-IFA1	QC		6		1108120	1108075		
S001066-IFB1	QC		7		1108121	1108075		
S001066-CCV2	QC		8		1108023	1108075		
S001066-CCB2	QC		9		1108024	1108075		
11H1080-09	Chromium 6010 Total	D	10			1108075	Ecology & Environment	
11H1080-09	Cadmium 6010 Total	D	10			1108075	Ecology & Environment	
11H1080-10	Chromium 6010 Total	C	11			1108075	Ecology & Environment	
11H1080-10	Cadmium 6010 Total	C	11			1108075	Ecology & Environment	
11H1080-11	Cadmium 6010 Total	D	12			1108075	Ecology & Environment	
11H1080-11	Chromium 6010 Total	D	12			1108075	Ecology & Environment	
S001066-CCV3	QC		13		1108023	1108075		
S001066-CCB3	QC		14		1108024	1108075		
S001066-IFA2	QC		15		1108120	1108075		
S001066-IFB2	QC		16		1108121	1108075		
S001066-CCV4	QC		17		1108023	1108075		
S001066-CCB4	QC		18		1108024	1108075		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 08/30/11 07:18 | B036430 | **Printed: 8/30/2011 7:25:50AM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036430-BLK1	Blank	50	50		|	
B036430-BS1	LCS	50	50		250 |	
B036430-BSD1	LCS Dup	50	50		250 |	
B036430-DUP1	Duplicate [11H0963-01]	50	50		|	
B036430-MS1	Matrix Spike [11H0963-01]	50	50		250 |	
11H0963-01	System Effluent	50	50		Entact Solutions, Inc.	Added for BatchQC in: B036430
11H0963-03	System Influent	50	50	09/01/11	Entact Solutions, Inc.	
11H1011-01	Photographic Fixer	50	50	09/02/11	Freedman Company, Inc.	
11H1080-06	PW 14-25	50	50	09/02/11	Ecology & Environment	
11H1080-07	PW 14-50	50	50	09/02/11	Ecology & Environment	
11H1080-08	PW 14-75	50	50	09/02/11	Ecology & Environment	
11H1080-09	PW 14-100	~~25~~ ~~50~~	50	09/02/11	Ecology & Environment	2X dilution
11H1080-10	PW 14-125	8/31/11 ~~25~~ ~~50~~	50	09/02/11	Ecology & Environment	2X dilution EMS 8/30/11
11H1080-11	PW 14-150	25 ~~50~~	50	09/02/11	Ecology & Environment	2X dilution
11H1097-05	MW-2R	50	50	09/02/11	HRP Associates, Inc. (Private)	
11H1097-06	HRP-4	50	50	09/02/11	HRP Associates, Inc. (Private)	
11H1097-07	GES-102	50	50	09/02/11	HRP Associates, Inc. (Private)	
11H1097-09	GES-104	50	50	09/02/11	HRP Associates, Inc. (Private)	
11H1097-10	GES-106	50	50	09/02/11	HRP Associates, Inc. (Private)	
11H1101-01	MW-901	50	50	09/06/11	Environmental & Energy Solutions, Inc.	
11H1101-04	MW-904	50	50	09/06/11	Environmental & Energy Solutions, Inc.	
11H1144-01	Influent	50	50	09/06/11	Wilcox & Barton	
11H1144-02	Effluent	50	50	09/06/11	Wilcox & Barton	

As Cd Cr Fe Pb V

Ag

Standard(s):

1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036
1107202	Hydrochloric Acid 36.5-38%	K12046

EMS 8/30/11

Prepared By Date

Preparation Reviewed By Date

PREPARATION BENCH SHEET

Prepared: 08/30/11 07:18 B036430 **Printed: 8/30/2011 7:25:50AM**

Con-Test Analytical Laboratory

Matrix: Water

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments

Sr. 2 @ 94.9C by EMS 8/30/11

Eppen #4035696

Spike witness SAJ 8/30/11

Prepared By Date

Preparation Reviewed By 8/31/11 Date

OPTIMA 1
08/31/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		8/31/2011	8:39:00 AM	3265893	1			
Calib Blank 1	Cd		mg/L		8/31/2011	8:39:23 AM	85	4			
Calib Blank 1	Cr		mg/L		8/31/2011	8:39:03 AM	-8	119			
S1-17	Y		%		8/31/2011	8:42:29 AM	3186811	0			
S1-17	Cd		mg/L		8/31/2011	8:42:29 AM	365499	1			
S1-17	Cr		mg/L		8/31/2011	8:42:29 AM	327388	0			
SEQ-ICV	Y		%		8/31/2011	8:57:51 AM	3173230	1			
SEQ-ICV	Cd	1.0431	mg/L	104	8/31/2011	8:57:54 AM	38125	1	1.0532	1.0412	1.0349
SEQ-ICV	Cr	1.0063	mg/L	101	8/31/2011	8:57:54 AM	32946	1	1.0118	1.0094	0.9978
SEQ-ICB/CCB	Y		%		8/31/2011	9:03:13 AM	3245360	1			
SEQ-ICB/CCB	Cd	0.0004	mg/L		8/31/2011	9:03:35 AM	14	0	0.0004	0.0004	0.0004
SEQ-ICB/CCB	Cr	0.0006	mg/L		8/31/2011	9:03:15 AM	18	143	-0.0001	0.0003	0.0014
6010C Low Level	Y		%		8/31/2011	9:08:29 AM	3286423	1			
6010C Low Level	Cd	0.0042	mg/L	105	8/31/2011	9:08:52 AM	153	3	0.0040	0.0043	0.0042
6010C Low Level	Cr	0.0105	mg/L	105	8/31/2011	9:08:32 AM	345	7	0.0097	0.0109	0.0111
6010C Low Level	Y		%		8/31/2011	9:14:02 AM	3299079	1			
6010C Low Level	Cd	0.0043	mg/L	107	8/31/2011	9:14:24 AM	156	4	0.0042	0.0045	0.0042
6010C Low Level	Cr	0.0103	mg/L	103	8/31/2011	9:14:04 AM	336	3	0.0106	0.0102	0.0100
SEQ-CCV 17	Y		%		8/31/2011	9:22:25 AM	3245835	1			
SEQ-CCV 17	Cd	4.9748	mg/L	99	8/31/2011	9:22:25 AM	181830	0	4.9682	4.9808	4.9755
SEQ-CCV 17	Cr	4.9707	mg/L	99	8/31/2011	9:22:25 AM	162735	0	4.9523	4.9804	4.9795
SEQ-IFA	Y		%		8/31/2011	9:45:40 AM	2925255	1			
SEQ-IFA	Cd	0.0021	mg/L	53	8/31/2011	9:46:03 AM	78	5	0.0020	0.0022	0.0022
SEQ-IFA	Cr	-0.0039	mg/L	-39	8/31/2011	9:46:03 AM	-129	4	-0.0039	-0.0041	-0.0038
SEQ-IFB	Y		%		8/31/2011	9:50:12 AM	2854633	1			
SEQ-IFB	Cd	1.0745	mg/L	107	8/31/2011	9:50:14 AM	39273	2	1.0902	1.0561	1.0771
SEQ-IFB	Cr	0.5067	mg/L	101	8/31/2011	9:50:14 AM	16588	2	0.5122	0.4972	0.5105
SEQ-CCV 17	Y		%		8/31/2011	6:19:07 PM	3360035	1			
SEQ-CCV 17	Cd	5.0487	mg/L	101	8/31/2011	6:19:07 PM	184531	0	5.0334	5.0645	5.0484
SEQ-CCV 17	Cr	4.9443	mg/L	99	8/31/2011	6:19:07 PM	161871	0	4.9374	4.9442	4.9514
SEQ-ICB/CCB	Y		%		8/31/2011	6:29:56 PM	3401592	1			
SEQ-ICB/CCB	Cd	0.0003	mg/L		8/31/2011	6:30:18 PM	10	40	0.0003	0.0003	0.0001
SEQ-ICB/CCB	Cr	0.0001	mg/L		8/31/2011	6:29:58 PM	3	225	-0.0001	0.0000	0.0003
11H1080-09	Y		%		8/31/2011	7:01:34 PM	4239417	0			
11H1080-09	Cd	0.0100	mg/L		8/31/2011	7:01:56 PM	365	3	0.0102	0.0096	0.0101
11H1080-09	Cr	1.1965	mg/L		8/31/2011	7:01:36 PM	39174	1	1.2009	1.1776	1.2112
11H1080-10	Y		%		8/31/2011	7:06:06 PM	3414179	0			
11H1080-10	Cd	0.0057	mg/L		8/31/2011	7:06:26 PM	207	7	0.0052	0.0058	0.0060
11H1080-10	Cr	2.4975	mg/L		8/31/2011	7:06:06 PM	81765	0	2.4880	2.4992	2.5053
11H1080-11	Y		%		8/31/2011	7:11:29 PM	3231019	1			
11H1080-11	Cd	0.0040	mg/L		8/31/2011	7:11:52 PM	146	6	0.0043	0.0040	0.0037
11H1080-11	Cr	2.8489	mg/L		8/31/2011	7:11:31 PM	93269	2	2.9135	2.7911	2.8421
SEQ-CCV 17	Y		%		8/31/2011	7:16:57 PM	3339714	1			
SEQ-CCV 17	Cd	4.9859	mg/L	100	8/31/2011	7:16:57 PM	182234	0	4.9725	4.9839	5.0012
SEQ-CCV 17	Cr	4.9341	mg/L	99	8/31/2011	7:16:57 PM	161537	0	4.9395	4.9350	4.9279
SEQ-ICB/CCB	Y		%		8/31/2011	7:27:45 PM	3396130	0			
SEQ-ICB/CCB	Cd	0.0002	mg/L		8/31/2011	7:28:07 PM	7	45	0.0003	0.0001	0.0002
SEQ-ICB/CCB	Cr	0.0008	mg/L		8/31/2011	7:27:47 PM	26	40	0.0006	0.0007	0.0012
SEQ-IFA	Y		%		8/31/2011	8:19:01 PM	3011461	0			
SEQ-IFA	Cd	0.0022	mg/L	54	8/31/2011	8:19:23 PM	80	10	0.0023	0.0023	0.0019
SEQ-IFA	Cr	-0.0037	mg/L	-37	8/31/2011	8:19:23 PM	-121	7	-0.0039	-0.0038	-0.0034
SEQ-IFB	Y		%		8/31/2011	8:23:33 PM	2949492	1			
SEQ-IFB	Cd	1.0586	mg/L	106	8/31/2011	8:23:35 PM	38690	1	1.0531	1.0581	1.0645
SEQ-IFB	Cr	0.4973	mg/L	99	8/31/2011	8:23:35 PM	16281	1	0.4935	0.5002	0.4983
SEQ-CCV 17	Y		%		8/31/2011	8:28:59 PM	3347433	1			
SEQ-CCV 17	Cd	4.9942	mg/L	100	8/31/2011	8:28:59 PM	182537	0	4.9922	4.9935	4.9968
SEQ-CCV 17	Cr	4.9632	mg/L	99	8/31/2011	8:28:59 PM	162489	0	4.9630	4.9646	4.9619
SEQ-CCB	Y		%		8/31/2011	8:39:46 PM	3420706	0			
SEQ-CCB	Cd	0.0002	mg/L		8/31/2011	8:40:08 PM	8	28	0.0002	0.0002	0.0003
SEQ-CCB	Cr	0.0005	mg/L		8/31/2011	8:39:48 PM	16	99	0.0005	0.0010	0.0000

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

VOLATILES QC SUMMARY

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

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11H1080-01	102	100	99.0
11H1080-02	101	101	101
11H1080-03	103	98.5	98.6
11H1080-04	102	101	99.4
11H1080-05	104	99.0	98.4
11H1080-06	99.9	98.8	102
11H1080-07	100	97.2	100
11H1080-08	103	98.4	101
11H1080-09	99.5	99.5	100
11H1080-10	101	99.5	99.8
11H1080-11	101	98.8	101
B036500-BLK1	99.3	97.6	99.6
B036500-BS1	99.7	100	98.2
B036500-BSD1	99.7	101	99.9

con-test® ANALYTICAL LABORATORY
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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036500	Laboratory ID:	B036500-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	111	111	70 - 160
Acrylonitrile	10.0	9.56	95.6	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.3	103	70 - 130
Benzene	10.0	10.6	106	70 - 130
Bromobenzene	10.0	10.4	104	70 - 130
Bromochloromethane	10.0	10.4	104	70 - 130
Bromodichloromethane	10.0	10.3	103	70 - 130
Bromoform	10.0	9.46	94.6	70 - 130
Bromomethane	10.0	6.29	62.9	40 - 160
2-Butanone (MEK)	100	99.6	99.6	40 - 160
tert-Butyl Alcohol (TBA)	100	119	119	40 - 160
n-Butylbenzene	10.0	9.62	96.2	70 - 130
sec-Butylbenzene	10.0	11.1	111	70 - 130
tert-Butylbenzene	10.0	10.6	106	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.13	91.3	70 - 130
Carbon Disulfide	10.0	11.4	114	70 - 130
Carbon Tetrachloride	10.0	9.39	93.9	70 - 130
Chlorobenzene	10.0	10.5	105	70 - 130
Chlorodibromomethane	10.0	12.3	123	70 - 130
Chloroethane	10.0	9.28	92.8	70 - 130
Chloroform	10.0	10.6	106	70 - 130
Chloromethane	10.0	8.10	81.0	40 - 160
2-Chlorotoluene	10.0	10.7	107	70 - 130
4-Chlorotoluene	10.0	10.9	109	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.4	104	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.0	110	70 - 130
Dibromomethane	10.0	10.6	106	70 - 130
1,2-Dichlorobenzene	10.0	10.9	109	70 - 130
1,3-Dichlorobenzene	10.0	10.9	109	70 - 130
1,4-Dichlorobenzene	10.0	10.5	105	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.82	88.2	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036500	Laboratory ID:	B036500-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	7.43	74.3		40 - 160
1,1-Dichloroethane	10.0	10.9	109		70 - 130
1,2-Dichloroethane	10.0	10.7	107		70 - 130
1,1-Dichloroethylene	10.0	10.6	106		70 - 130
cis-1,2-Dichloroethylene	10.0	10.5	105		70 - 130
trans-1,2-Dichloroethylene	10.0	11.1	111		70 - 130
1,2-Dichloropropane	10.0	10.1	101		70 - 130
1,3-Dichloropropane	10.0	10.5	105		70 - 130
2,2-Dichloropropane	10.0	10.5	105		40 - 130
1,1-Dichloropropene	10.0	10.5	105		70 - 130
cis-1,3-Dichloropropene	10.0	11.4	114		70 - 130
trans-1,3-Dichloropropene	10.0	13.9	139	*	70 - 130
Diethyl Ether	10.0	10.8	108		70 - 130
Diisopropyl Ether (DIPE)	10.0	9.44	94.4		70 - 130
1,4-Dioxane	100	122	122		40 - 130
Ethylbenzene	10.0	10.9	109		70 - 130
Hexachlorobutadiene	10.0	9.86	98.6		70 - 130
2-Hexanone (MBK)	100	91.8	91.8		70 - 160
Isopropylbenzene (Cumene)	10.0	12.4	124		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.5	115		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.3	103		70 - 130
Methylene Chloride	10.0	10.4	104		70 - 130
4-Methyl-2-pentanone (MIBK)	100	94.4	94.4		70 - 160
Naphthalene	10.0	11.0	110		40 - 130
n-Propylbenzene	10.0	10.8	108		70 - 130
Styrene	10.0	11.0	110		70 - 130
1,1,1,2-Tetrachloroethane	10.0	12.8	128		70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.8	108		70 - 130
Tetrachloroethylene	10.0	10.5	105		70 - 130
Tetrahydrofuran	10.0	8.73	87.3		70 - 130
Toluene	10.0	10.7	107		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036500	Laboratory ID:	B036500-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	10.0	100	70 - 130
1,2,4-Trichlorobenzene	10.0	9.13	91.3	70 - 130
1,3,5-Trichlorobenzene	10.0	8.66	86.6	70 - 130
1,1,1-Trichloroethane	10.0	10.8	108	70 - 130
1,1,2-Trichloroethane	10.0	10.5	105	70 - 130
Trichloroethylene	10.0	10.4	104	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.50	95.0	70 - 130
1,2,3-Trichloropropane	10.0	10.1	101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.1	101	70 - 130
1,2,4-Trimethylbenzene	10.0	10.8	108	70 - 130
1,3,5-Trimethylbenzene	10.0	10.7	107	70 - 130
Vinyl Chloride	10.0	7.33	73.3	40 - 160
m+p Xylene	20.0	22.1	110	70 - 130
o-Xylene	10.0	10.9	109	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	122	122	9.44	25	70 - 160
Acrylonitrile	10.0	9.11	91.1	4.82	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	9.98	99.8	3.35	25	70 - 130
Benzene	10.0	10.4	104	2.57	25	70 - 130
Bromobenzene	10.0	10.2	102	1.75	25	70 - 130
Bromochloromethane	10.0	10.2	102	2.14	25	70 - 130
Bromodichloromethane	10.0	10.2	102	0.585	25	70 - 130
Bromoform	10.0	9.39	93.9	0.743	25	70 - 130
Bromomethane	10.0	6.57	65.7	4.35	25	40 - 160
2-Butanone (MEK)	100	103	103	2.98	25	40 - 160
tert-Butyl Alcohol (TBA)	100	119	119	0.211	25	40 - 160
n-Butylbenzene	10.0	9.25	92.5	3.92	25	70 - 130
sec-Butylbenzene	10.0	10.5	105	5.91	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036500	Laboratory ID:	B036500-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
tert-Butylbenzene	10.0	10.2	102		3.76	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.54	85.4		6.68	25	70 - 130
Carbon Disulfide	10.0	12.1	121		5.95	25	70 - 130
Carbon Tetrachloride	10.0	9.40	94.0		0.106	25	70 - 130
Chlorobenzene	10.0	10.3	103		2.21	25	70 - 130
Chlorodibromomethane	10.0	12.3	123		0.488	25	70 - 130
Chloroethane	10.0	9.45	94.5		1.82	25	70 - 130
Chloroform	10.0	10.5	105		1.61	25	70 - 130
Chloromethane	10.0	8.42	84.2		3.87	25	40 - 160
2-Chlorotoluene	10.0	10.3	103		3.72	25	70 - 130
4-Chlorotoluene	10.0	10.5	105		4.30	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCI	10.0	10.2	102		2.63	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.6	106		3.98	25	70 - 130
Dibromomethane	10.0	10.6	106		0.0939	25	70 - 130
1,2-Dichlorobenzene	10.0	10.1	101		7.34	25	70 - 130
1,3-Dichlorobenzene	10.0	10.2	102		6.33	25	70 - 130
1,4-Dichlorobenzene	10.0	9.77	97.7		7.30	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.57	85.7		2.88	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.29	72.9		1.90	25	40 - 160
1,1-Dichloroethane	10.0	10.5	105		4.12	25	70 - 130
1,2-Dichloroethane	10.0	10.4	104		2.83	25	70 - 130
1,1-Dichloroethylene	10.0	10.2	102		4.05	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.0	100		4.29	25	70 - 130
trans-1,2-Dichloroethylene	10.0	11.2	112		0.895	25	70 - 130
1,2-Dichloropropane	10.0	10.0	100		0.199	25	70 - 130
1,3-Dichloropropane	10.0	10.3	103		1.35	25	70 - 130
2,2-Dichloropropane	10.0	10.5	105		0.666	25	40 - 130
1,1-Dichloropropene	10.0	10.4	104		0.191	25	70 - 130
cis-1,3-Dichloropropene	10.0	11.5	115		0.525	25	70 - 130
trans-1,3-Dichloropropene	10.0	14.2	142	*	1.92	25	70 - 130
Diethyl Ether	10.0	10.2	102		5.80	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036500	Laboratory ID:	B036500-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Diisopropyl Ether (DIPE)	10.0	9.23	92.3	2.25	25	70 - 130
1,4-Dioxane	100	103	103	16.6	50	40 - 130
Ethylbenzene	10.0	10.6	106	3.17	25	70 - 130
Hexachlorobutadiene	10.0	9.22	92.2	6.71	25	70 - 130
2-Hexanone (MBK)	100	94.6	94.6	3.00	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.0	120	3.04	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.8	108	6.17	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.1	101	1.57	25	70 - 130
Methylene Chloride	10.0	10.1	101	3.32	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	94.1	94.1	0.393	25	70 - 160
Naphthalene	10.0	11.0	110	0.637	25	40 - 130
n-Propylbenzene	10.0	10.6	106	1.50	25	70 - 130
Styrene	10.0	10.3	103	6.64	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	12.4	124	3.73	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.1	101	6.72	25	70 - 130
Tetrachloroethylene	10.0	10.4	104	0.575	25	70 - 130
Tetrahydrofuran	10.0	9.04	90.4	3.49	25	70 - 130
Toluene	10.0	10.4	104	2.93	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.60	96.0	4.18	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.89	88.9	2.66	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.24	82.4	4.97	25	70 - 130
1,1,1-Trichloroethane	10.0	10.4	104	4.62	25	70 - 130
1,1,2-Trichloroethane	10.0	10.3	103	1.34	25	70 - 130
Trichloroethylene	10.0	10.8	108	3.59	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.16	91.6	3.64	25	70 - 130
1,2,3-Trichloropropane	10.0	9.35	93.5	7.61	25	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.75	97.5	3.33	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.1	101	6.80	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.4	104	2.46	25	70 - 130
Vinyl Chloride	10.0	7.29	72.9	0.547	25	40 - 160
m+p Xylene	20.0	21.4	107	3.27	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036500	Laboratory ID:	B036500-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
o-Xylene	10.0	10.5	105	3.91	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Blank ID:	B036500-BLK1	Batch:	B036500

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B036500-BSD1	VC244012.D	12:18
LCS	B036500-BS1	VC244011.D	11:47
PW 14-150	11H1080-11	VC244032.D	22:24
PW 14-125	11H1080-10	VC244031.D	21:54
PW 14-100	11H1080-09	VC244030.D	21:24
PW 14-75	11H1080-08	VC244029.D	20:54
PW 14-50	11H1080-07	VC244028.D	20:23
PW 14-25	11H1080-06	VC244027.D	19:53
PW 16-200	11H1080-05	VC244026.D	19:22
PW 16-175	11H1080-04	VC244025.D	18:52
TB-08222011	11H1080-03	VC244022.D	17:21
PW 16-150	11H1080-02	VC244024.D	18:21
PW 16-125	11H1080-01	VC244023.D	17:51

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Lab File ID:	VC244009.D	Injection Date:	09/01/11
Instrument ID:	GCMSVOA3	Injection Time:	10:43
Sequence:	S001018	Lab Sample ID:	S001018-TUN1

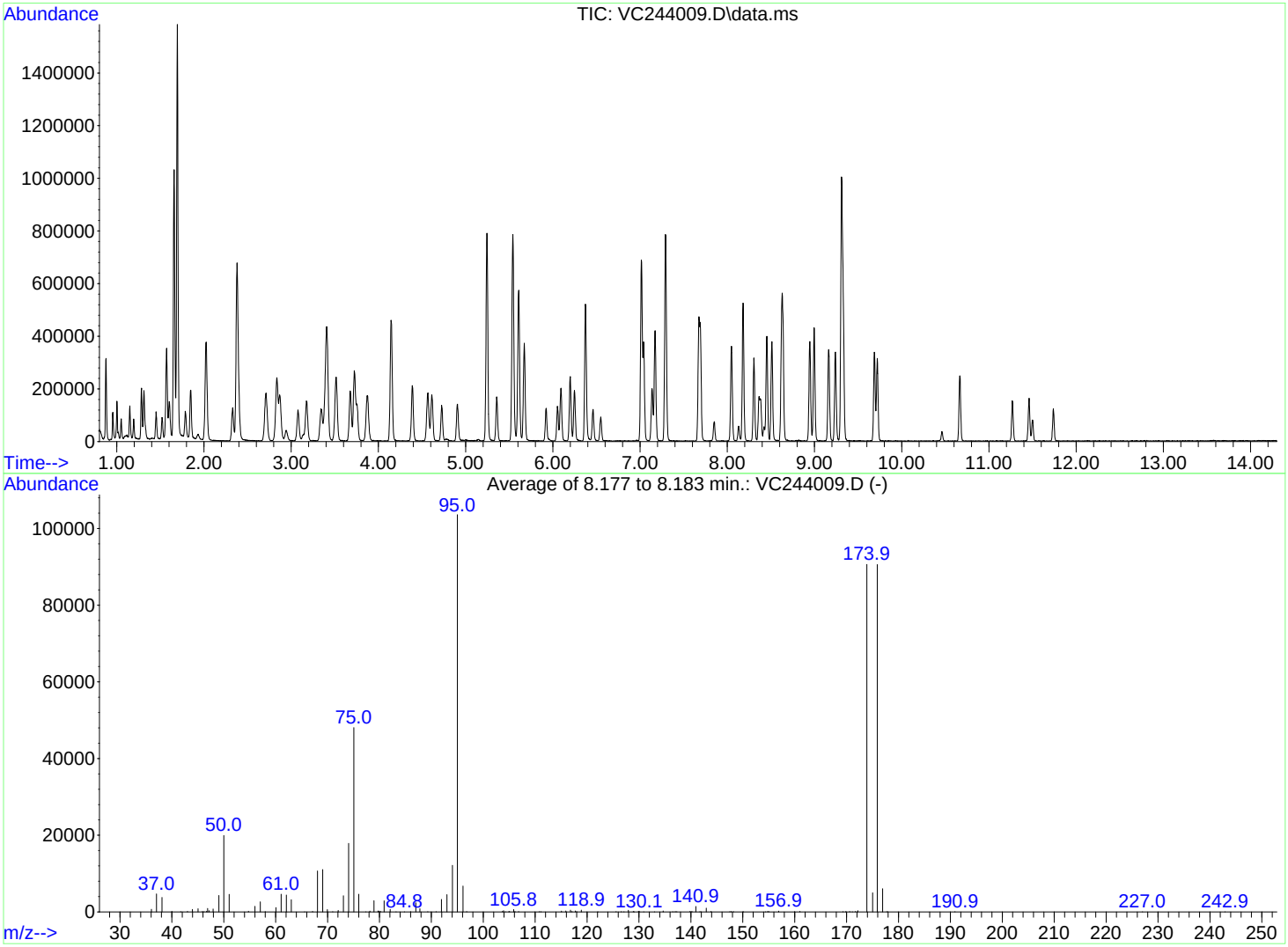
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	19.3	PASS
75	30 - 60% of 95	46.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.54	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	87.5	PASS
175	5 - 9% of 174	5.5	PASS
176	95 - 101% of 174	100	PASS
177	5 - 9% of 176	6.71	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001018-CCV1	VB230002.D	09/01/2011	10:43:00
Calibration Check	S001018-CCV1	VC244009.D	09/01/2011	10:43:00
LCS	B036500-BS1	VC244011.D	09/01/2011	11:47:00
LCS Dup	B036500-BSD1	VC244012.D	09/01/2011	12:18:00
Blank	B036500-BLK1	VC244014.D	09/01/2011	13:19:00
TB-08222011	11H1080-03	VC244022.D	09/01/2011	17:21:00
PW 16-125	11H1080-01	VC244023.D	09/01/2011	17:51:00
PW 16-150	11H1080-02	VC244024.D	09/01/2011	18:21:00
PW 16-175	11H1080-04	VC244025.D	09/01/2011	18:52:00
PW 16-200	11H1080-05	VC244026.D	09/01/2011	19:22:00
PW 14-25	11H1080-06	VC244027.D	09/01/2011	19:53:00
PW 14-50	11H1080-07	VC244028.D	09/01/2011	20:23:00
PW 14-75	11H1080-08	VC244029.D	09/01/2011	20:54:00
PW 14-100	11H1080-09	VC244030.D	09/01/2011	21:24:00
PW 14-125	11H1080-10	VC244031.D	09/01/2011	21:54:00
PW 14-150	11H1080-11	VC244032.D	09/01/2011	22:24:00

Data Path : X:\1\DATA\090111\
Data File : VC244009.D
Acq On : 1 Sep 2011 10:43 am
Operator :
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: 8260B.P

Method : Z:\1\METHODS\E090211W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5
Last Update : Tue Sep 06 11:09:16 2011



Spectrum Information: Average of 8.177 to 8.183 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	19955	PASS
75	95	30	60	46.4	48056	PASS
95	95	100	100	100.0	103594	PASS
96	95	5	9	6.5	6778	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.5	90632	PASS
175	174	5	9	5.5	4986	PASS
176	174	95	101	100.0	90602	PASS
177	176	5	9	6.7	6079	PASS

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001018	Instrument:	GCMSVOA3
		Calibration:	1100028

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001018-CCV1)			*Lab File ID: VB230002.D*			*Analyzed: 09/01/11 10:43*			
Pentafluorobenzene	241378	3.411	249365	3.41	97	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	321943	4.15	331884	4.15	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	178716	7.017	183431	7.01	97	50 - 200	0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	164587	9.309	155417	9.31	106	50 - 200	-0.0010	+/-0.50	
LCS (B036500-BS1)			*Lab File ID: VC244011.D*			*Analyzed: 09/01/11 11:47*			
Pentafluorobenzene	241863	3.41	241378	3.411	100	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	330801	4.15	321943	4.15	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	177032	7.01	178716	7.017	99	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	162079	9.31	164587	9.309	98	50 - 200	0.0010	+/-0.50	
LCS Dup (B036500-BSD1)			*Lab File ID: VC244012.D*			*Analyzed: 09/01/11 12:18*			
Pentafluorobenzene	250645	3.41	241378	3.411	104	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	338813	4.14	321943	4.15	105	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	184744	7.01	178716	7.017	103	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	171747	9.31	164587	9.309	104	50 - 200	0.0010	+/-0.50	
Blank (B036500-BLK1)			*Lab File ID: VC244014.D*			*Analyzed: 09/01/11 13:19*			
Pentafluorobenzene	258149	3.41	241378	3.411	107	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	342284	4.14	321943	4.15	106	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	186309	7.01	178716	7.017	104	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	150240	9.31	164587	9.309	91	50 - 200	0.0010	+/-0.50	
TB-08222011 (11H1080-03)			*Lab File ID: VC244022.D*			*Analyzed: 09/01/11 17:21*			
Pentafluorobenzene	259759	3.41	241378	3.411	108	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	351476	4.15	321943	4.15	109	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	189781	7.01	178716	7.017	106	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	152574	9.31	164587	9.309	93	50 - 200	0.0010	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001018	Instrument:	GCMSVOA3
		Calibration:	1100028

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW 16-125 (11H1080-01)			*Lab File ID: VC244023.D*			*Analyzed: 09/01/11 17:51*			
Pentafluorobenzene	256065	3.41	241378	3.411	106	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	341807	4.15	321943	4.15	106	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	188761	7.01	178716	7.017	106	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	168295	9.31	164587	9.309	102	50 - 200	0.0010	+/-0.50	
PW 16-150 (11H1080-02)			*Lab File ID: VC244024.D*			*Analyzed: 09/01/11 18:21*			
Pentafluorobenzene	266111	3.41	241378	3.411	110	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	344951	4.15	321943	4.15	107	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	187668	7.01	178716	7.017	105	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	163167	9.31	164587	9.309	99	50 - 200	0.0010	+/-0.50	
PW 16-175 (11H1080-04)			*Lab File ID: VC244025.D*			*Analyzed: 09/01/11 18:52*			
Pentafluorobenzene	263470	3.41	241378	3.411	109	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	352022	4.14	321943	4.15	109	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	189100	7.01	178716	7.017	106	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	160788	9.31	164587	9.309	98	50 - 200	0.0010	+/-0.50	
PW 16-200 (11H1080-05)			*Lab File ID: VC244026.D*			*Analyzed: 09/01/11 19:22*			
Pentafluorobenzene	249856	3.41	241378	3.411	104	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	342007	4.15	321943	4.15	106	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	186637	7.01	178716	7.017	104	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	158959	9.31	164587	9.309	97	50 - 200	0.0010	+/-0.50	
PW 14-25 (11H1080-06)			*Lab File ID: VC244027.D*			*Analyzed: 09/01/11 19:53*			
Pentafluorobenzene	266608	3.41	241378	3.411	110	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	350852	4.14	321943	4.15	109	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	194612	7.01	178716	7.017	109	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	163202	9.31	164587	9.309	99	50 - 200	0.0010	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001018	Instrument:	GCMSVOA3
		Calibration:	1100028

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW 14-50 (11H1080-07)			*Lab File ID: VC244028.D*			*Analyzed: 09/01/11 20:23*			
Pentafluorobenzene	255023	3.41	241378	3.411	106	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	334758	4.15	321943	4.15	104	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	186523	7.01	178716	7.017	104	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	156951	9.31	164587	9.309	95	50 - 200	0.0010	+/-0.50	
PW 14-75 (11H1080-08)			*Lab File ID: VC244029.D*			*Analyzed: 09/01/11 20:54*			
Pentafluorobenzene	250551	3.41	241378	3.411	104	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	333662	4.15	321943	4.15	104	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	183383	7.01	178716	7.017	103	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	159510	9.31	164587	9.309	97	50 - 200	0.0010	+/-0.50	
PW 14-100 (11H1080-09)			*Lab File ID: VC244030.D*			*Analyzed: 09/01/11 21:24*			
Pentafluorobenzene	265358	3.41	241378	3.411	110	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	342105	4.15	321943	4.15	106	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	189563	7.01	178716	7.017	106	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	169991	9.31	164587	9.309	103	50 - 200	0.0010	+/-0.50	
PW 14-125 (11H1080-10)			*Lab File ID: VC244031.D*			*Analyzed: 09/01/11 21:54*			
Pentafluorobenzene	275533	3.41	241378	3.411	114	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	361868	4.15	321943	4.15	112	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	200577	7.01	178716	7.017	112	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	171823	9.31	164587	9.309	104	50 - 200	0.0010	+/-0.50	
PW 14-150 (11H1080-11)			*Lab File ID: VC244032.D*			*Analyzed: 09/01/11 22:24*			
Pentafluorobenzene	245069	3.41	241378	3.411	102	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	321590	4.15	321943	4.15	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	176981	7.01	178716	7.017	99	50 - 200	-0.0070	+/-0.50	
1,4-Dichlorobenzene-d4	153121	9.31	164587	9.309	93	50 - 200	0.0010	+/-0.50	

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

PW 16-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-01	File ID:	VC244023.D
Sampled:	08/22/11 18:05	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 17:51
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 16-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-01	File ID:	VC244023.D
Sampled:	08/22/11 18:05	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 17:51
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene	1.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW 16-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-01	File ID:	VC244023.D
Sampled:	08/22/11 18:05	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 17:51
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.8	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW 16-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-01	File ID:	VC244023.D
Sampled:	08/22/11 18:05	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 17:51
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244023.D
Acq On : 1 Sep 2011 5:51 pm
Operator :
Sample : 11H1080-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 02 08:20:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

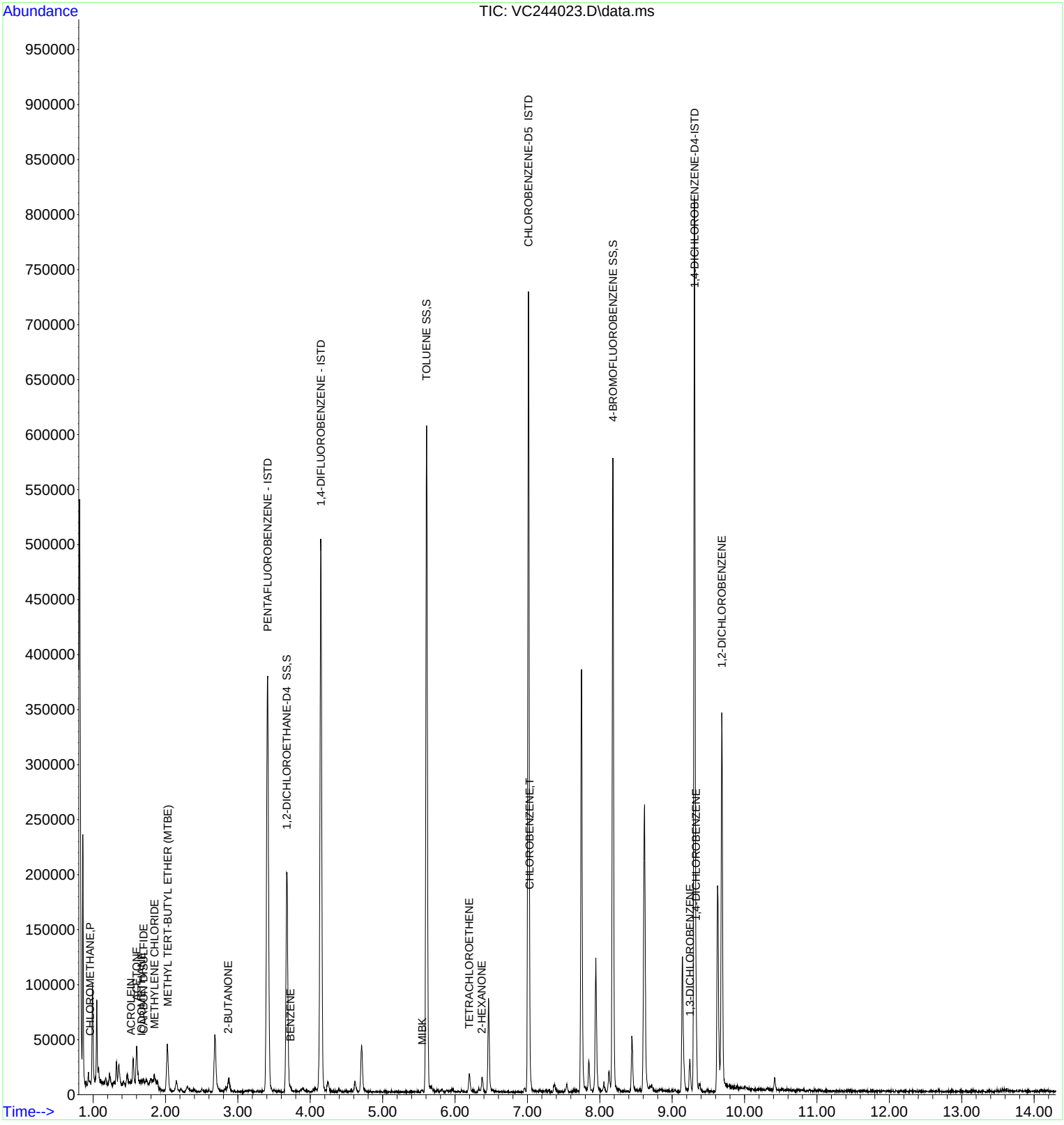
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	256065	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	341807	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	188761	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	168295	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	145259	25.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%				
49) TOLUENE SS	5.606	98	330301	24.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.04%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	139813	25.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%				
Target Compounds							Qvalue
5) CHLOROMETHANE	0.957	50	1042	0.17	UG/L	#	42
13) ACROLEIN	1.523	56	1023	2.38	UG/L	#	81
14) ACETONE	1.602	43	30152	21.02	UG/L		98
17) IODOMETHANE	1.669	142	2146m	1.10	UG/L		
23) METHYLENE CHLORIDE	1.847	49	2143	0.29	UG/L	#	75
24) CARBON DISULFIDE	1.696	76	1917m	0.14	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.031	73	31319	1.85	UG/L		92
31) 2-BUTANONE	2.868	43	14203	6.61	UG/L	#	95
45) BENZENE	3.727	78	2817	0.13	UG/L	#	1
59) MIBK	5.547	43	1423m	0.30	UG/L		
65) 2-HEXANONE	6.370	43	7374	2.36	UG/L		100
66) TETRACHLOROETHENE	6.194	166	3451	0.52	UG/L	#	84
72) CHLOROBENZENE	7.031	112	3051	0.19	UG/L	#	83
93) 1,3-DICHLOROBENZENE	9.245	146	3294	0.27	UG/L	#	87
95) 1,4-DICHLOROBENZENE	9.329	146	19785	1.56	UG/L		95
97) 1,2-DICHLOROBENZENE	9.686	146	113695	9.74	UG/L		98

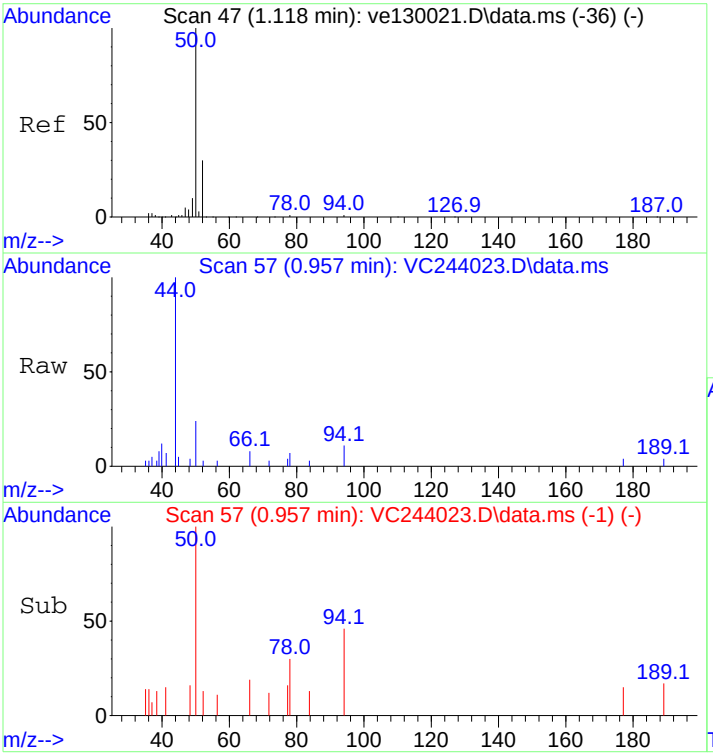
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244023.D
Acq On : 1 Sep 2011 5:51 pm
Operator :
Sample : 11H1080-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 02 08:20:12 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

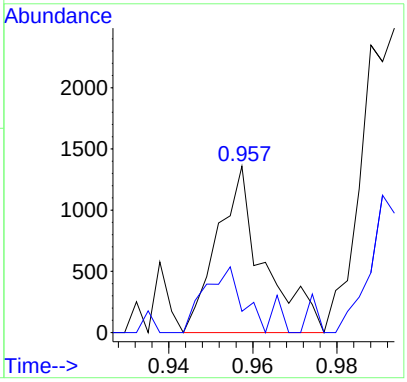


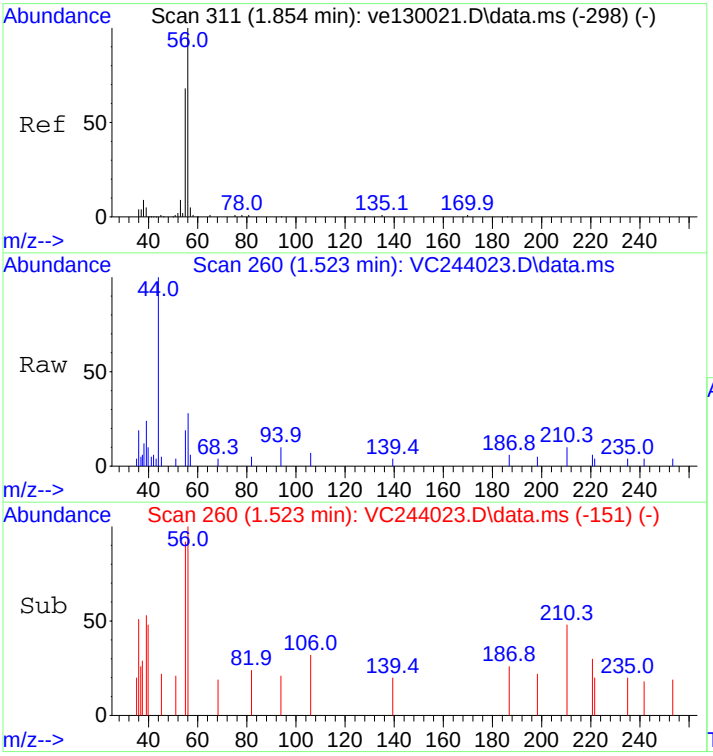


#5
CHLOROMETHANE
Concen: 0.17 UG/L
RT: 0.957 min Scan# 57
Delta R.T. 0.003 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 50 Resp: 1042

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.0	39.0#

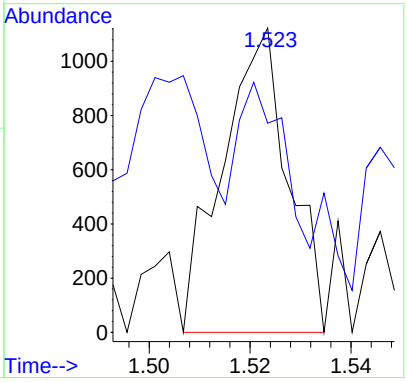


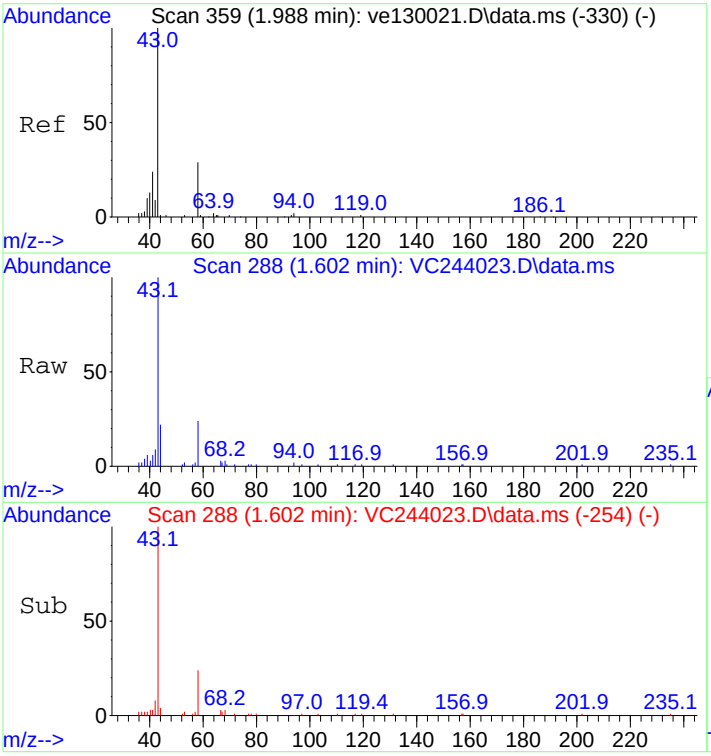


#13
ACROLEIN
Concen: 2.38 UG/L
RT: 1.523 min Scan# 260
Delta R.T. 0.003 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 56 Resp: 1023

Ion	Ratio	Lower	Upper
56	100		
55	58.4	59.3	88.9#

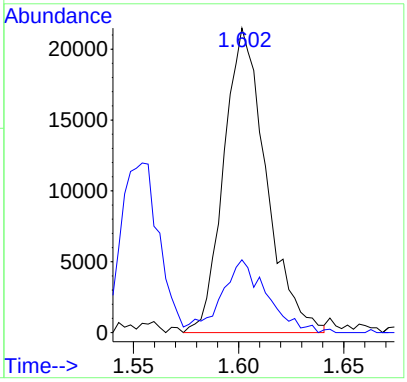


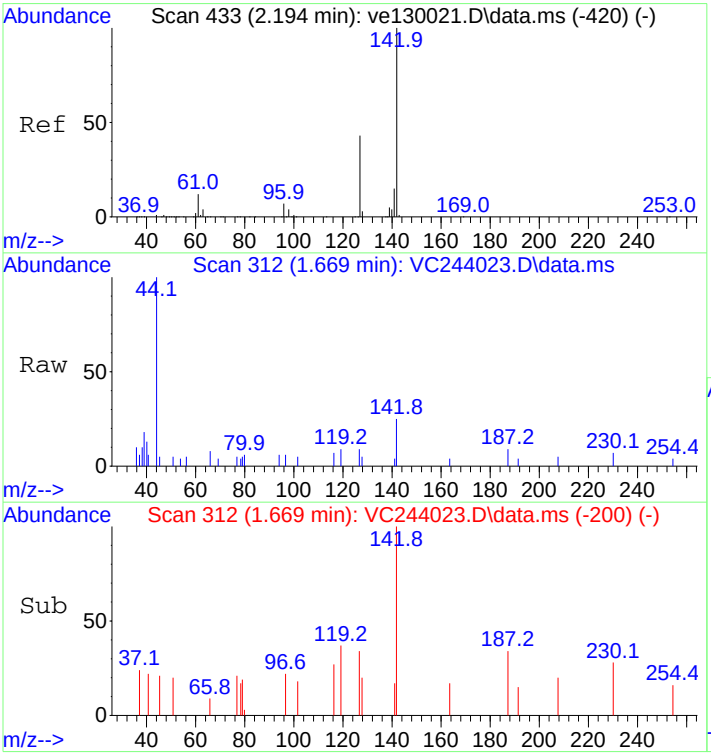


#14
ACETONE
Concen: 21.02 UG/L
RT: 1.602 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 43 Resp: 30152

Ion	Ratio	Lower	Upper
43	100		
58	25.4	19.5	29.3

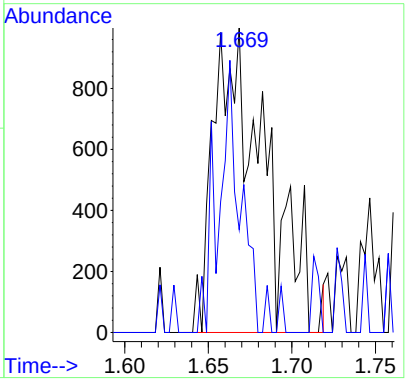


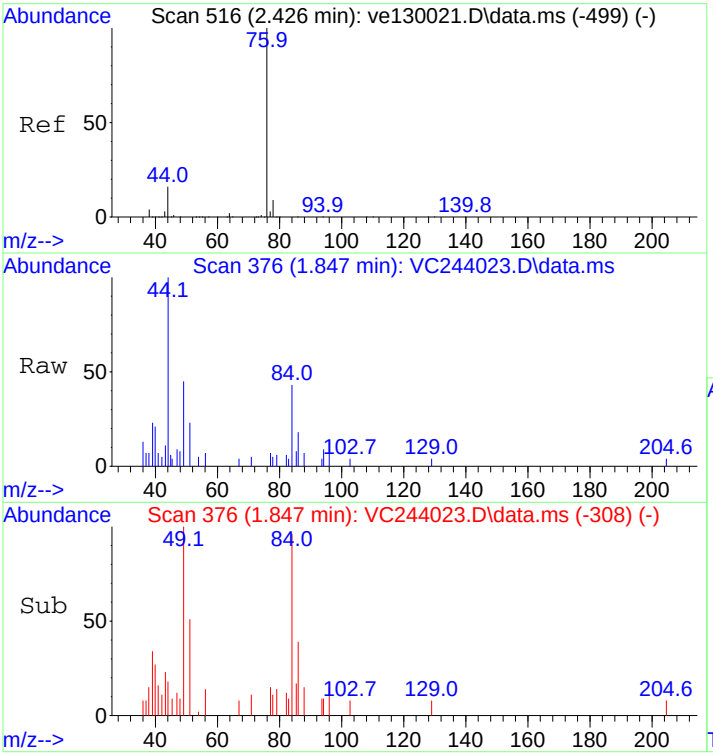


#17
IODOMETHANE
Concen: 1.10 UG/L m
RT: 1.669 min Scan# 312
Delta R.T. 0.012 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion:142 Resp: 2146

Ion	Ratio	Lower	Upper
142	100		
127	29.1	0.0	0.0#

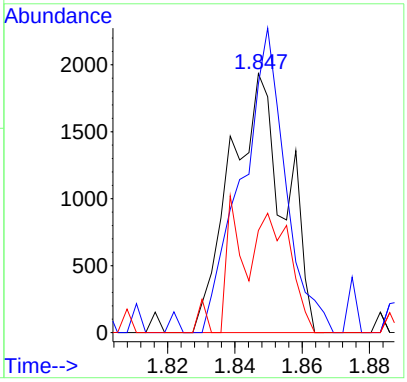


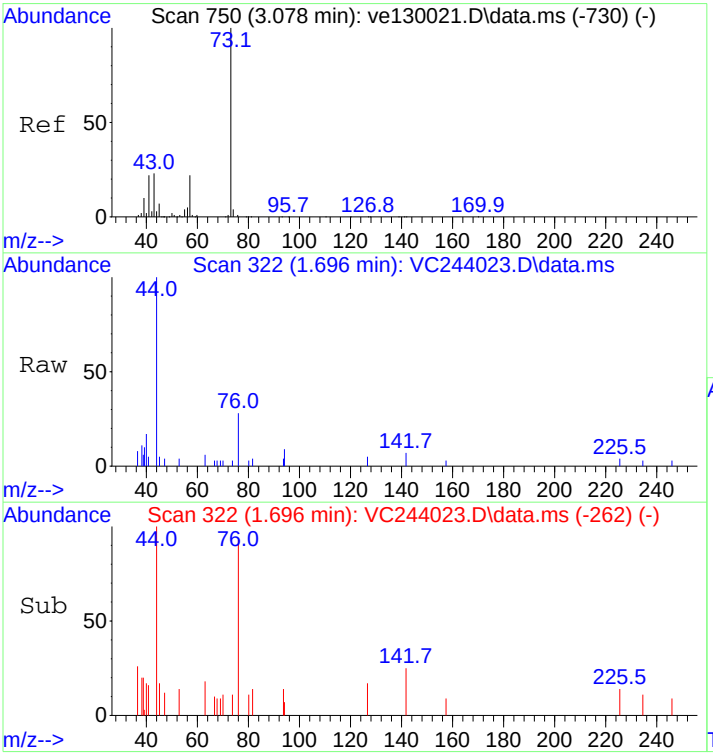


#23
METHYLENE CHLORIDE
Concen: 0.29 UG/L
RT: 1.847 min Scan# 376
Delta R.T. 0.001 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 49 Resp: 2143

Ion	Ratio	Lower	Upper
49	100		
84	95.6	60.6	91.0#
86	28.9	38.0	57.0#

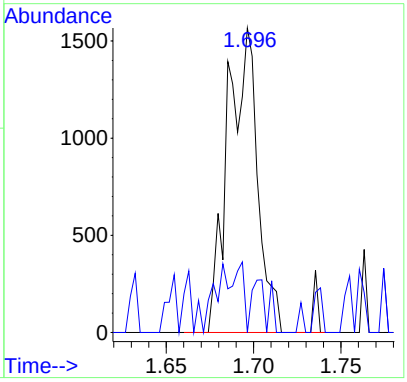


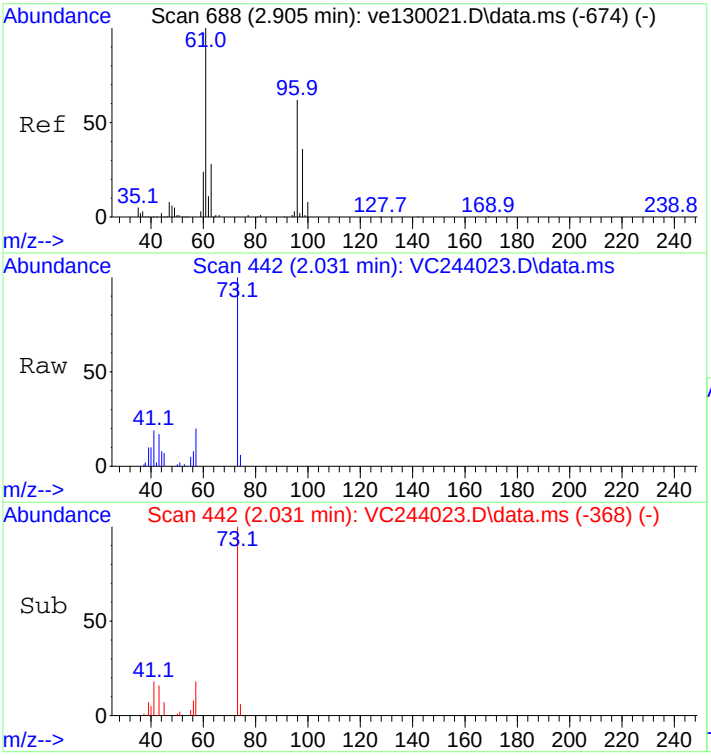


#24
CARBON DISULFIDE
Concen: 0.14 UG/L m
RT: 1.696 min Scan# 322
Delta R.T. 0.003 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 76 Resp: 1917

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

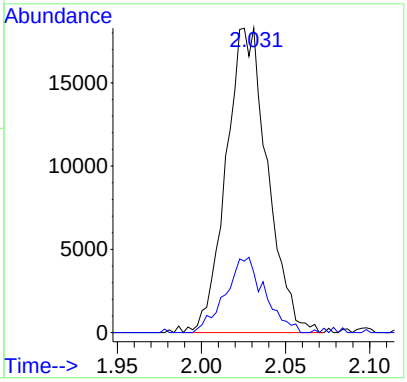


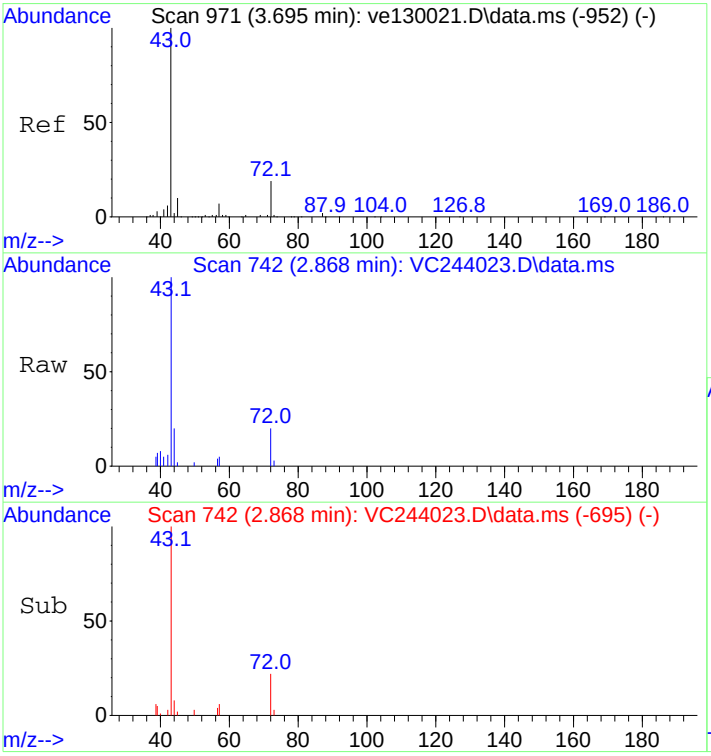


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.85 UG/L
RT: 2.031 min Scan# 442
Delta R.T. 0.006 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 73 Resp: 31319

Ion	Ratio	Lower	Upper
73	100		
57	23.4	15.7	23.5

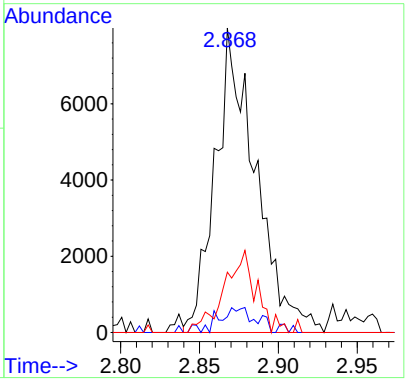


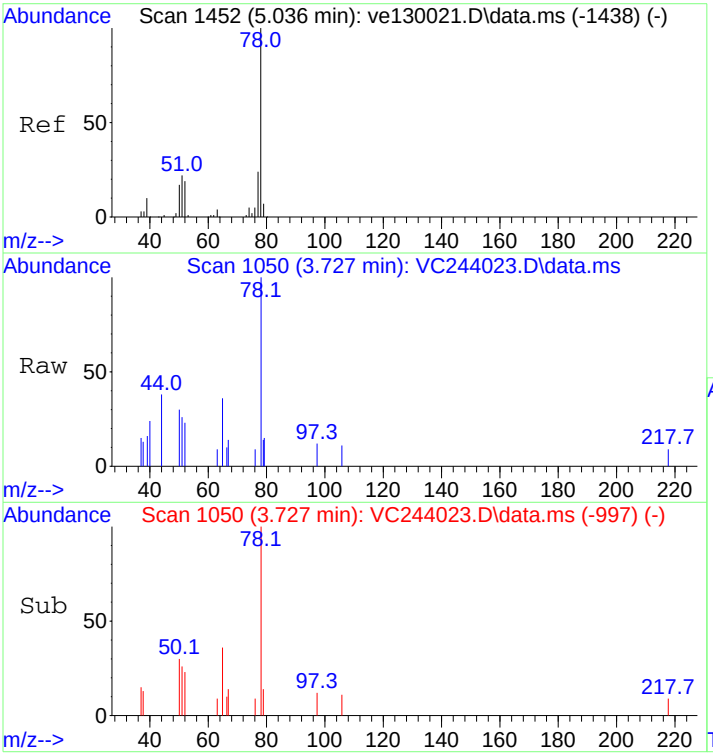


#31
2-BUTANONE
Concen: 6.61 UG/L
RT: 2.868 min Scan# 742
Delta R.T. -0.003 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 43 Resp: 14203

Ion	Ratio	Lower	Upper
43	100		
57	6.1	6.1	9.1#
72	20.6	18.2	27.4

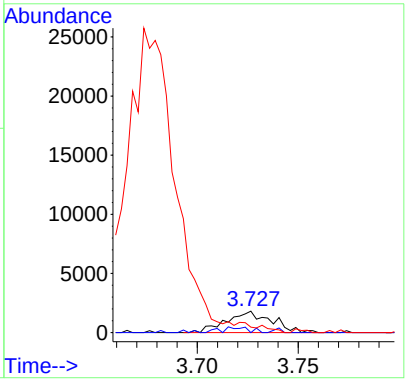


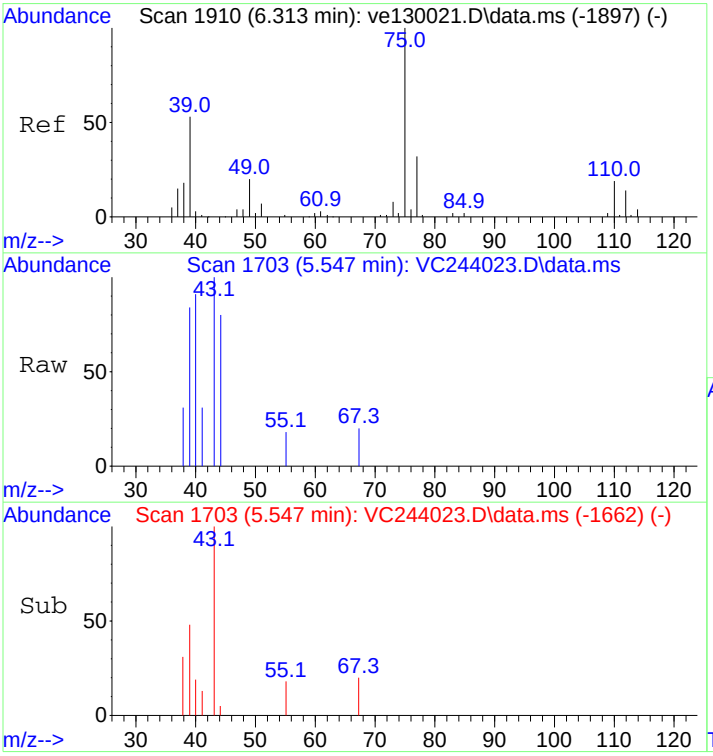


#45
BENZENE
Concen: 0.13 UG/L
RT: 3.727 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 78 Resp: 2817

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.8	28.2#
51	1525.3	18.0	27.0#

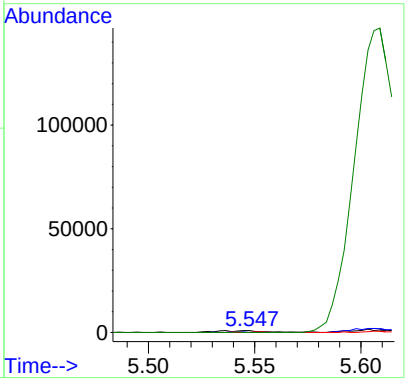


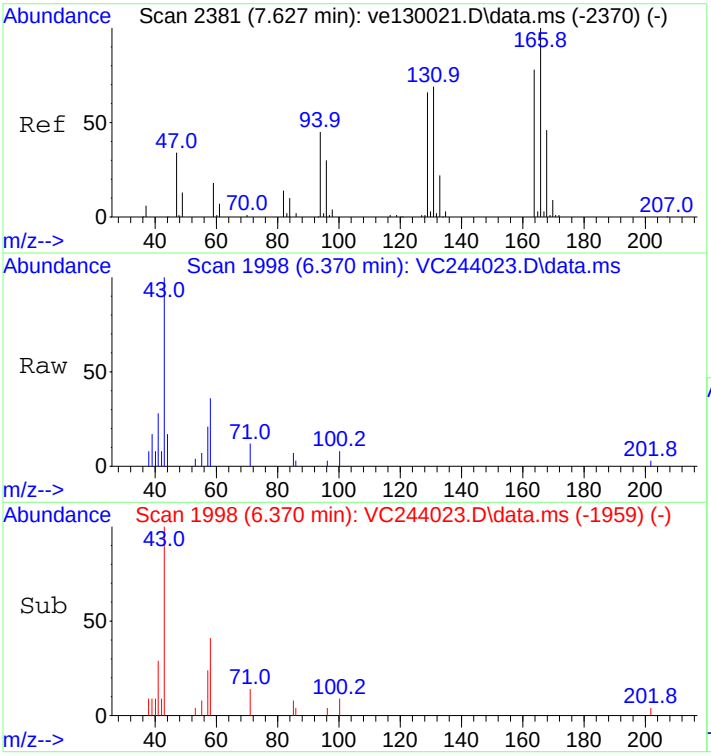


#59
MIBK
Concen: 0.30 UG/L m
RT: 5.547 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 43 Resp: 1423

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#
57	0.0	19.9	29.9#
100	0.0	9.9	14.9#

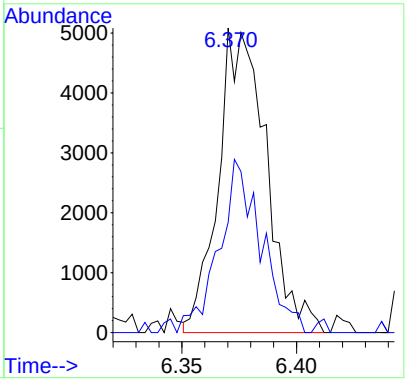


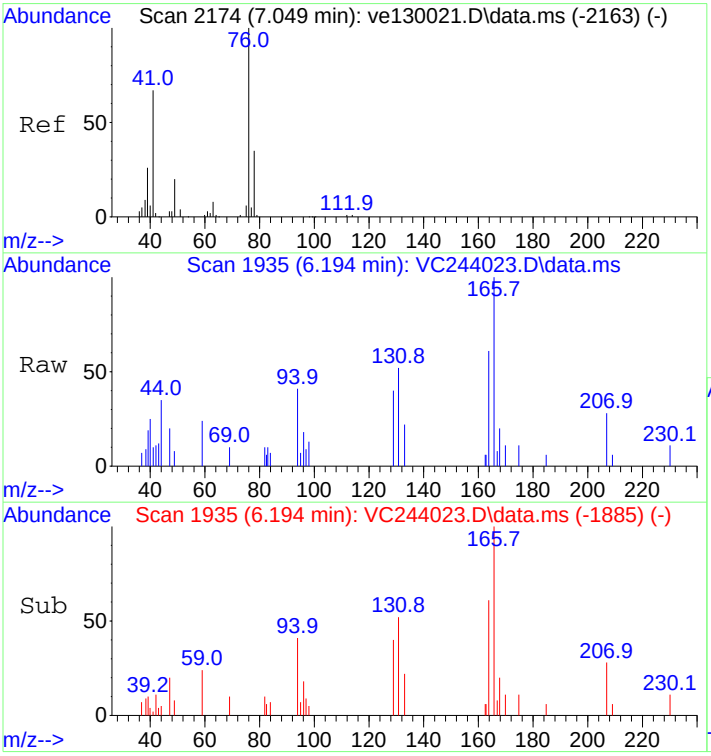


#65
2-HEXANONE
Concen: 2.36 UG/L
RT: 6.370 min Scan# 1998
Delta R.T. -0.002 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion: 43 Resp: 7374

Ion	Ratio	Lower	Upper
43	100		
58	50.1	40.3	60.5

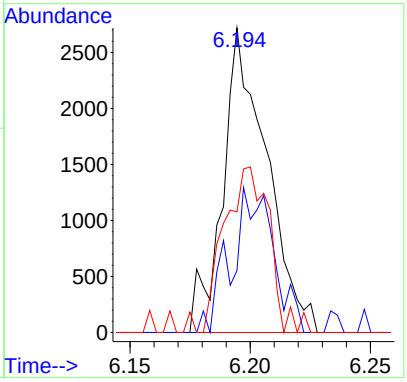


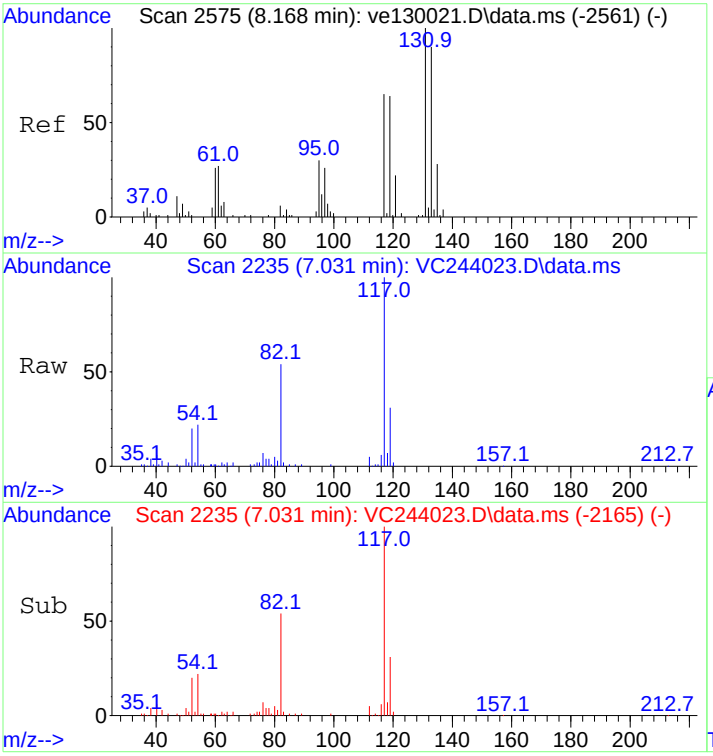


#66
TETRACHLOROETHENE
Concen: 0.52 UG/L
RT: 6.194 min Scan# 1935
Delta R.T. -0.005 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion:166 Resp: 3451

Ion	Ratio	Lower	Upper
166	100		
168	36.4	38.5	57.7#
129	55.7	54.2	81.2

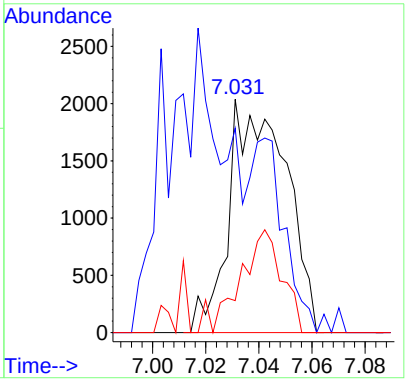


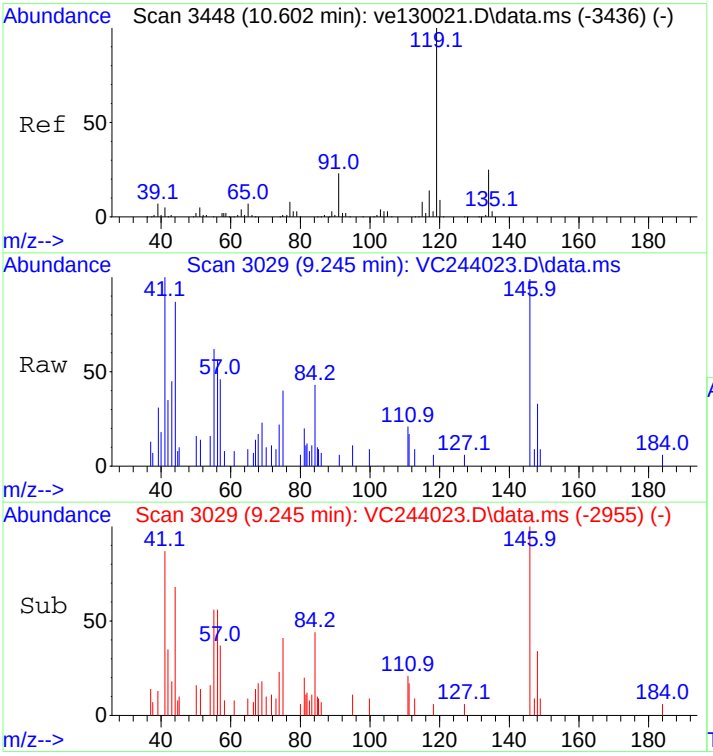


#72
CHLOROBENZENE
Concen: 0.19 UG/L
RT: 7.031 min Scan# 2235
Delta R.T. -0.011 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion:112 Resp: 3051

Ion	Ratio	Lower	Upper
112	100		
77	42.5	49.8	74.6#
114	32.6	26.2	39.2

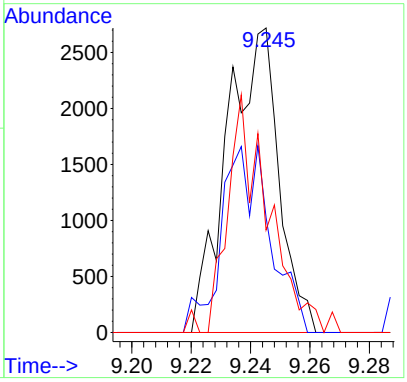


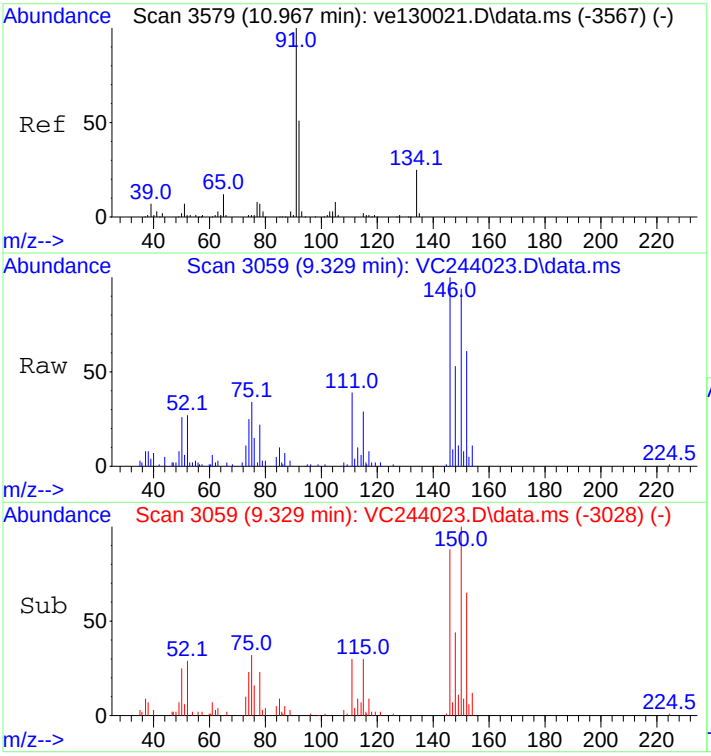


#93
1,3-DICHLOROBENZENE
Concen: 0.27 UG/L
RT: 9.245 min Scan# 3029
Delta R.T. 0.006 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion:146 Resp: 3294

Ion	Ratio	Lower	Upper
146	100		
111	57.4	30.7	46.1#
148	62.1	50.8	76.2

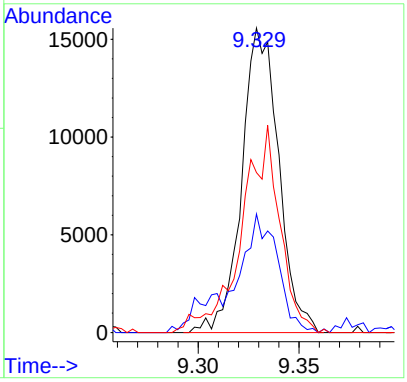


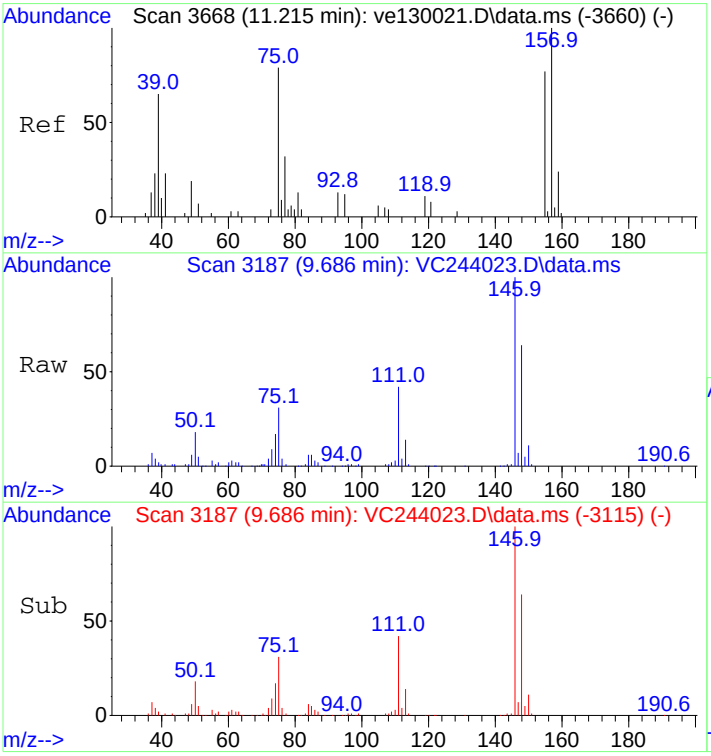


#95
1,4-DICHLOROBENZENE
Concen: 1.56 UG/L
RT: 9.329 min Scan# 3059
Delta R.T. 0.000 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion:146 Resp: 19785

Ion	Ratio	Lower	Upper
146	100		
111	37.6	29.6	44.4
148	70.6	51.4	77.2

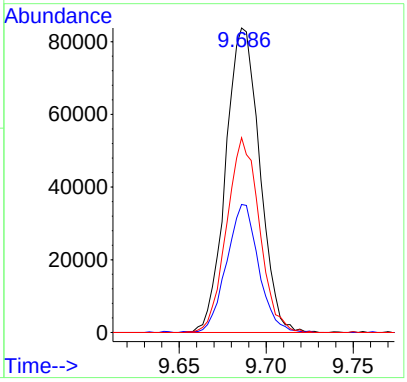




#97
1,2-DICHLOROBENZENE
Concen: 9.74 UG/L
RT: 9.686 min Scan# 3187
Delta R.T. 0.000 min
Lab File: VC244023.D
Acq: 1 Sep 2011 5:51 pm

Tgt Ion:146 Resp: 113695

Ion	Ratio	Lower	Upper
146	100		
111	39.8	32.2	48.2
148	61.5	51.0	76.6



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

1 - FORM I
ANALYSIS DATA SHEET

PW 16-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-02	File ID:	VC244024.D
Sampled:	08/23/11 10:40	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 18:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 16-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-02	File ID:	VC244024.D
Sampled:	08/23/11 10:40	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 18:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 16-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-02	File ID:	VC244024.D
Sampled:	08/23/11 10:40	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 18:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 16-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-02	File ID:	VC244024.D
Sampled:	08/23/11 10:40	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 18:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244024.D
Acq On : 1 Sep 2011 6:21 pm
Operator :
Sample : 11H1080-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 02 08:25:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

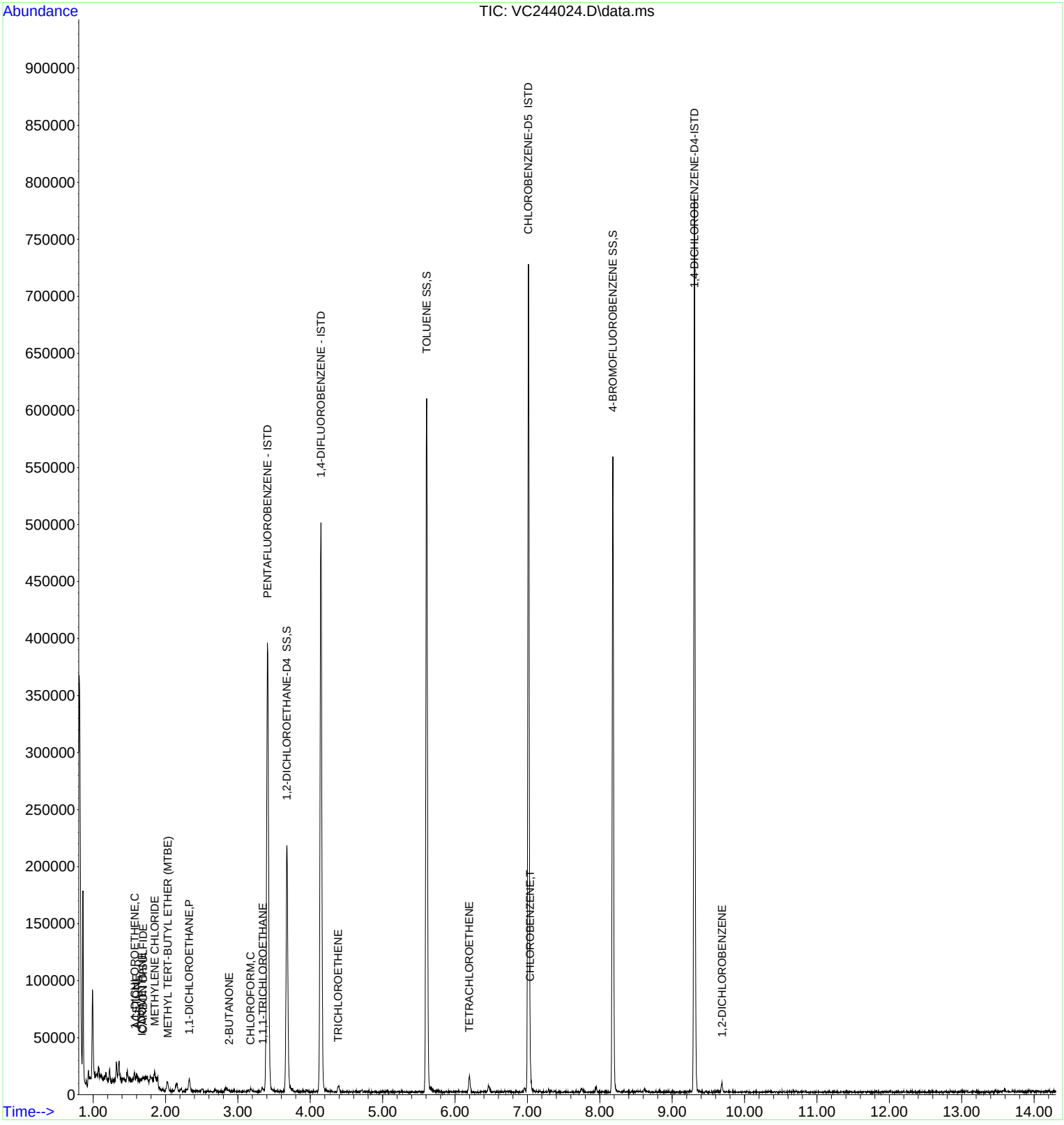
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	266111	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	344951	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	187668	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	163167	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	148717	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
49) TOLUENE SS	5.609	98	338335	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	139415	25.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.76%			
Target Compounds						Qvalue
14) ACETONE	1.599	43	4374	2.93	UG/L #	74
15) 1,1-DICHLOROETHENE	1.577	61	1856	0.21	UG/L #	75
17) IODOMETHANE	1.674	142	1558	1.03	UG/L #	100
23) METHYLENE CHLORIDE	1.850	49	2885	0.37	UG/L	93
24) CARBON DISULFIDE	1.691	76	1574	0.11	UG/L #	100
25) METHYL TERT-BUTYL ETHE...	2.031	73	4801	0.27	UG/L #	83
27) 1,1-DICHLOROETHANE	2.327	63	8162	0.76	UG/L #	92
31) 2-BUTANONE	2.879	43	1954m	0.87	UG/L	
40) CHLOROFORM	3.174	83	1614m	0.13	UG/L	
41) 1,1,1-TRICHLOROETHANE	3.345	97	1636m	0.17	UG/L	
51) TRICHLOROETHENE	4.385	95	1323	0.21	UG/L #	64
66) TETRACHLOROETHENE	6.195	166	2993m	0.44	UG/L	
72) CHLOROBENZENE	7.037	112	4850	0.31	UG/L	93
97) 1,2-DICHLOROBENZENE	9.689	146	2822	0.25	UG/L	92

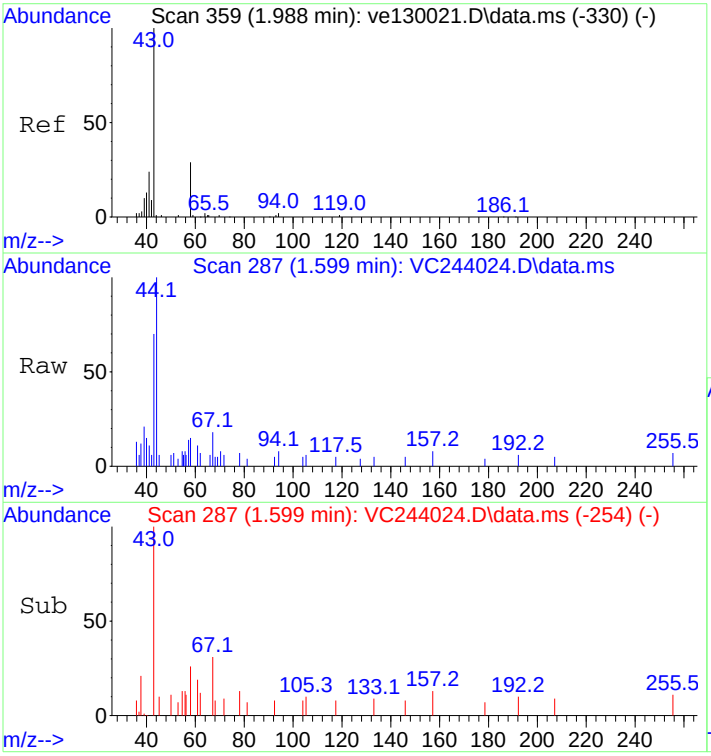
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244024.D
Acq On : 1 Sep 2011 6:21 pm
Operator :
Sample : 11H1080-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 02 08:25:03 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

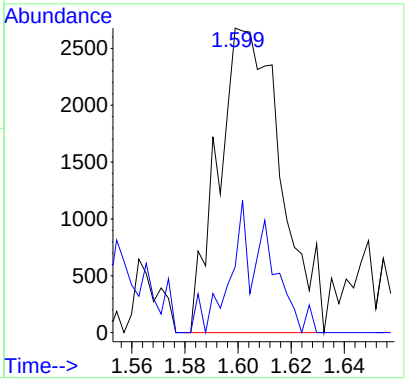


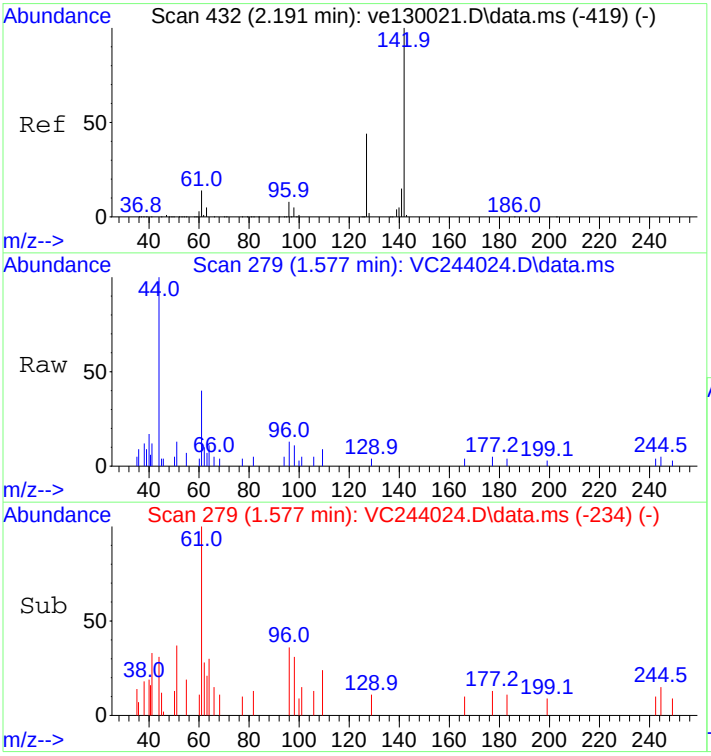


#14
ACETONE
Concen: 2.93 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.003 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 43 Resp: 4374

Ion	Ratio	Lower	Upper
43	100		
58	11.7	19.5	29.3#

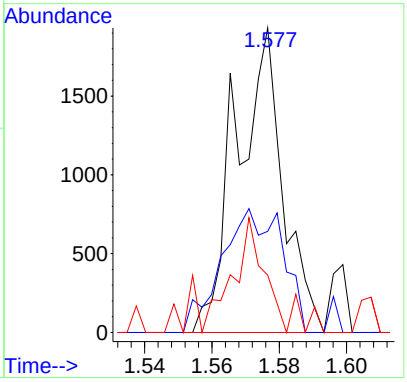


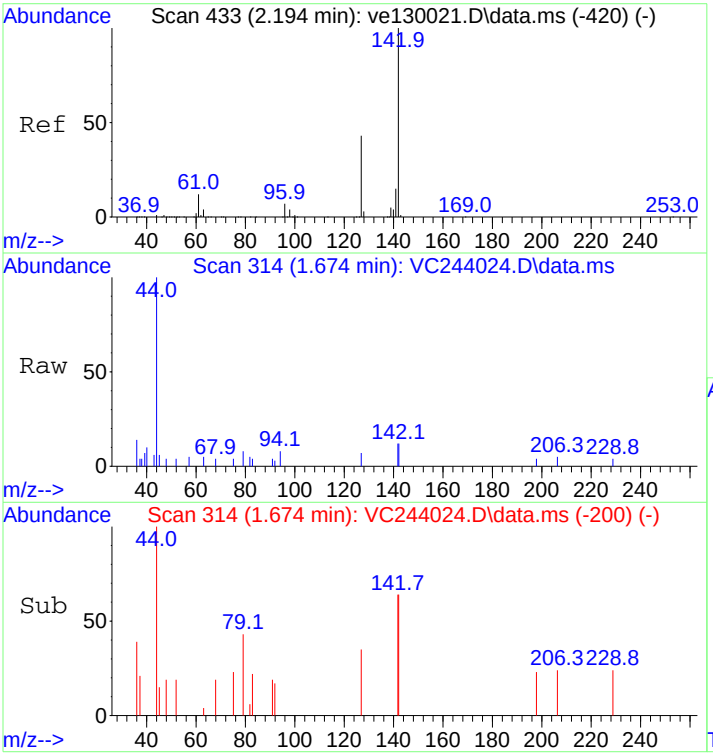


#15
1,1-DICHLOROETHENE
Concen: 0.21 UG/L
RT: 1.577 min Scan# 279
Delta R.T. 0.006 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 61 Resp: 1856

Ion	Ratio	Lower	Upper
61	100		
96	53.0	45.4	68.2
63	0.0	26.2	39.4#

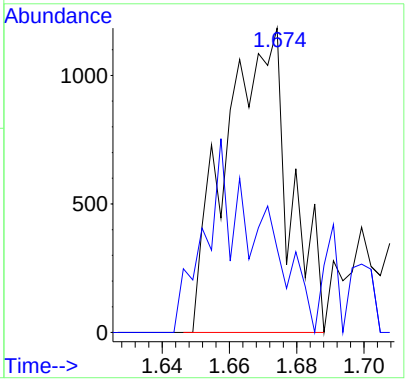


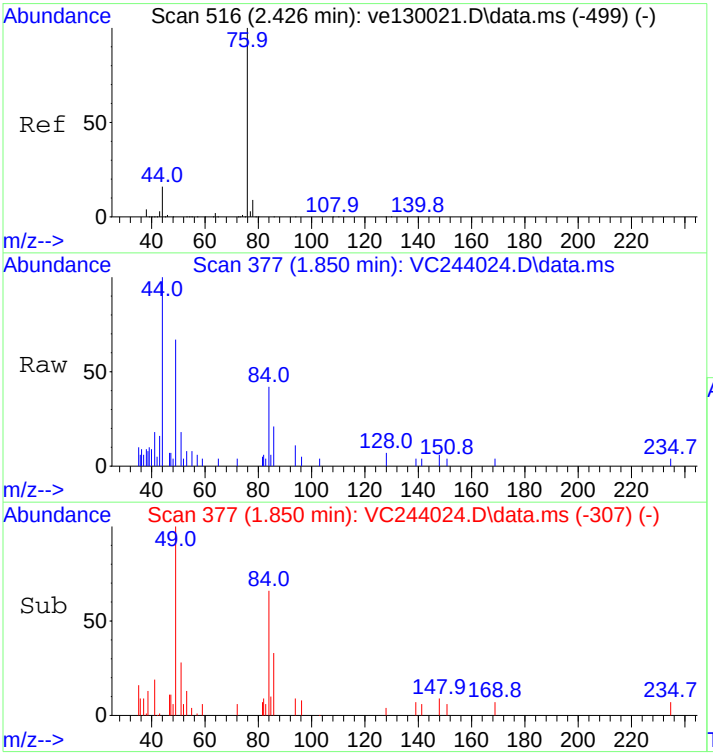


#17
IODOMETHANE
Concen: 1.03 UG/L
RT: 1.674 min Scan# 314
Delta R.T. 0.017 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion:142 Resp: 1558

Ion	Ratio	Lower	Upper
142	100		
127	33.2	0.0	0.0#

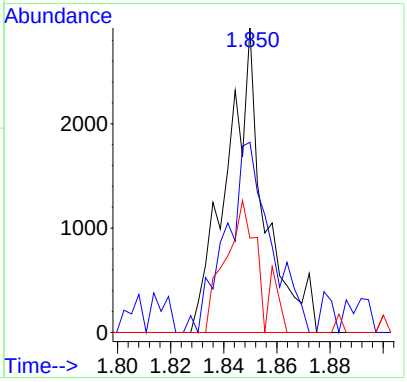


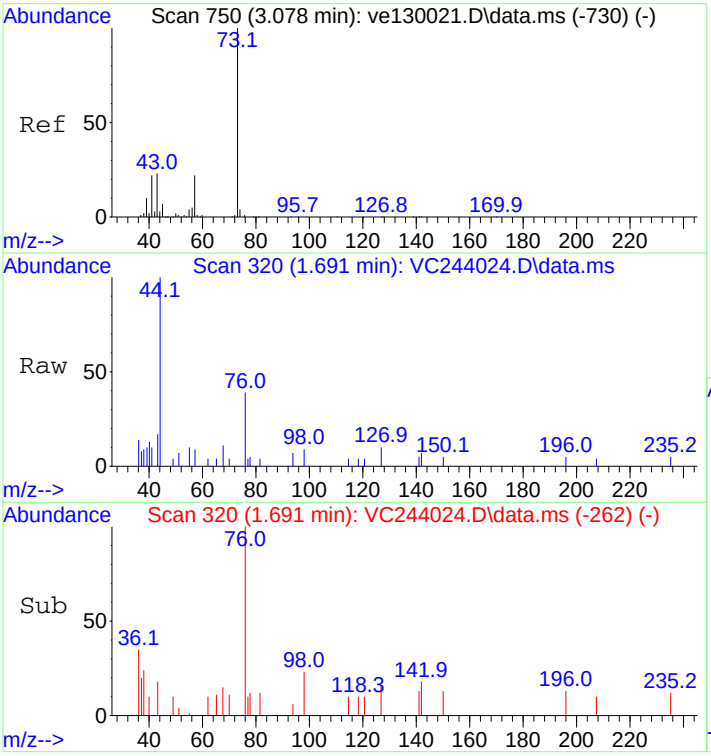


#23
METHYLENE CHLORIDE
Concen: 0.37 UG/L
RT: 1.850 min Scan# 377
Delta R.T. 0.004 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 49 Resp: 2885

Ion	Ratio	Lower	Upper
49	100		
84	72.9	60.6	91.0
86	39.3	38.0	57.0

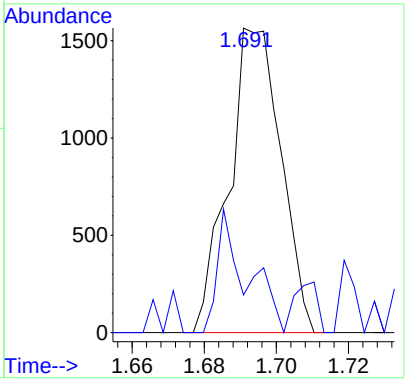


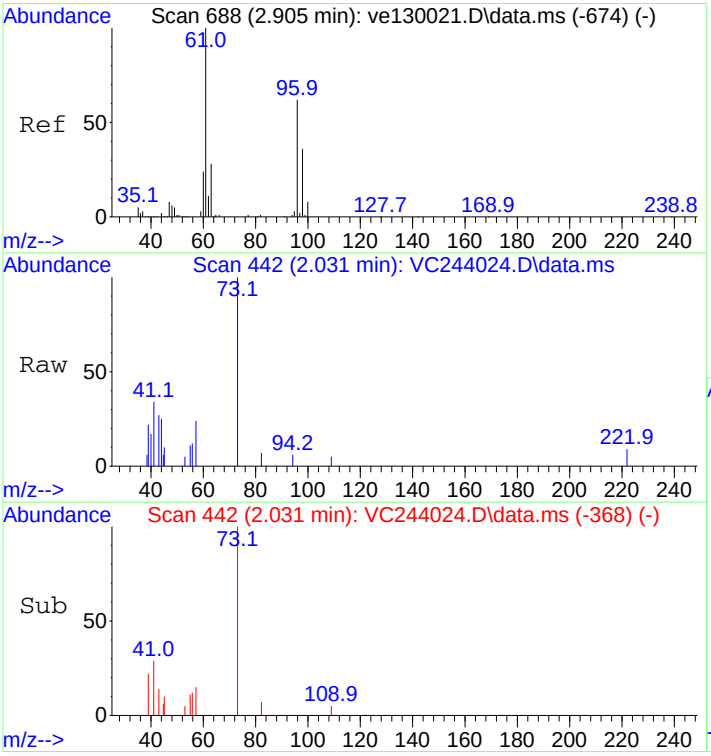


#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.691 min Scan# 320
Delta R.T. -0.003 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 76 Resp: 1574

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

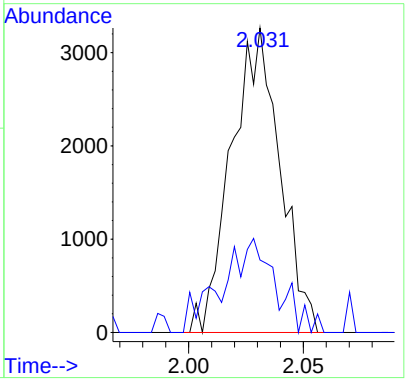


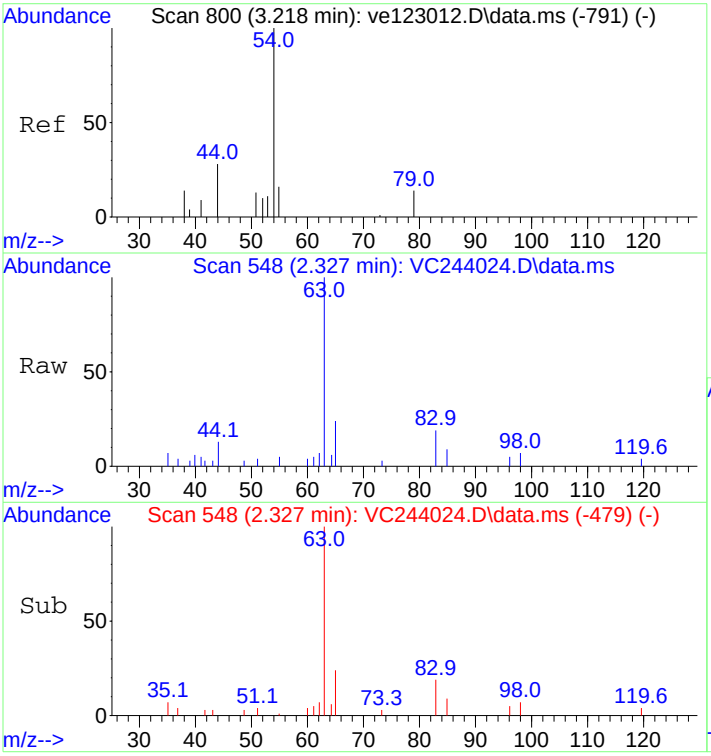


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.27 UG/L
RT: 2.031 min Scan# 442
Delta R.T. 0.006 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 73 Resp: 4801

Ion	Ratio	Lower	Upper
73	100		
57	27.2	15.7	23.5#

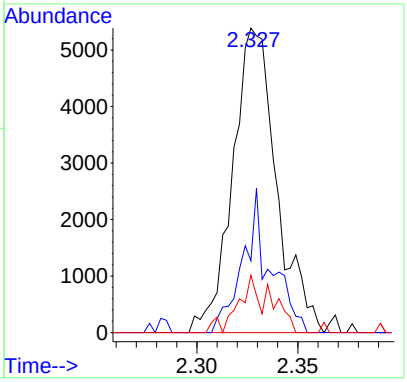


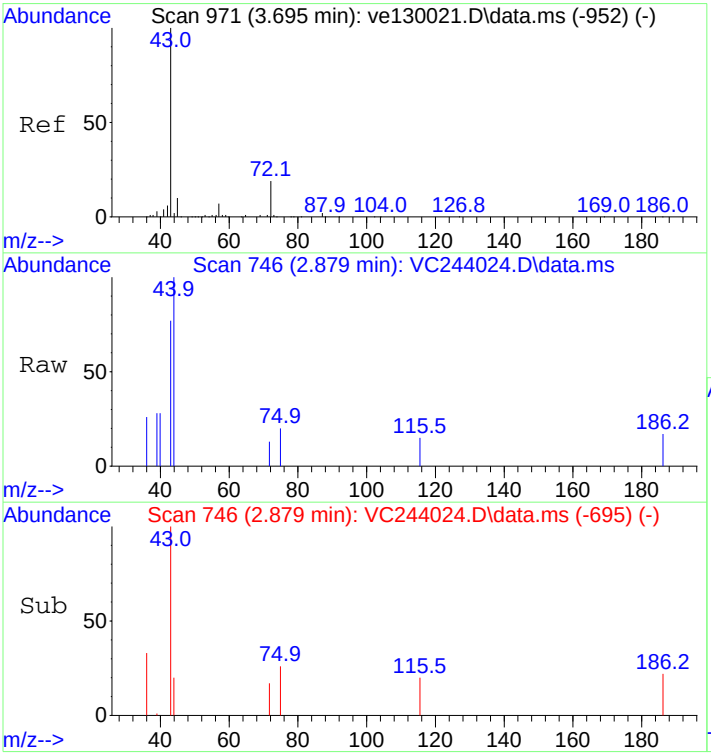


#27
1,1-DICHLOROETHANE
Concen: 0.76 UG/L
RT: 2.327 min Scan# 548
Delta R.T. -0.003 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 63 Resp: 8162

Ion	Ratio	Lower	Upper
63	100		
65	29.7	25.4	38.2
83	7.8	11.5	17.3#

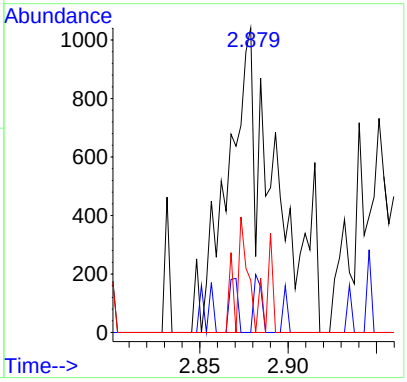


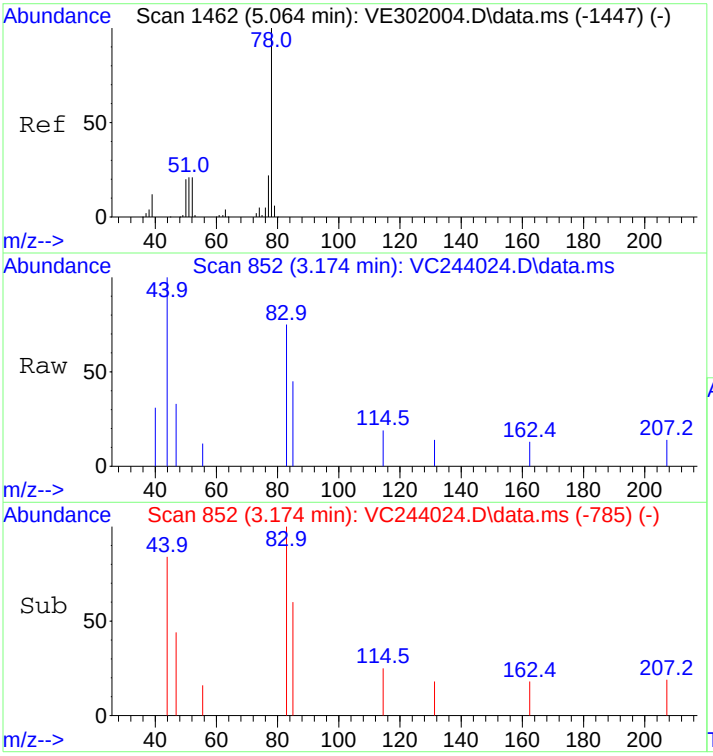


#31
2-BUTANONE
Concen: 0.87 UG/L m
RT: 2.879 min Scan# 746
Delta R.T. 0.009 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 43 Resp: 1954

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.1	9.1#
72	0.0	18.2	27.4#

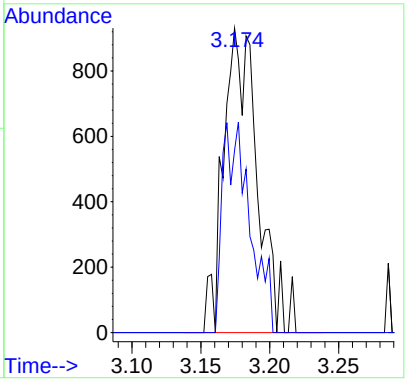


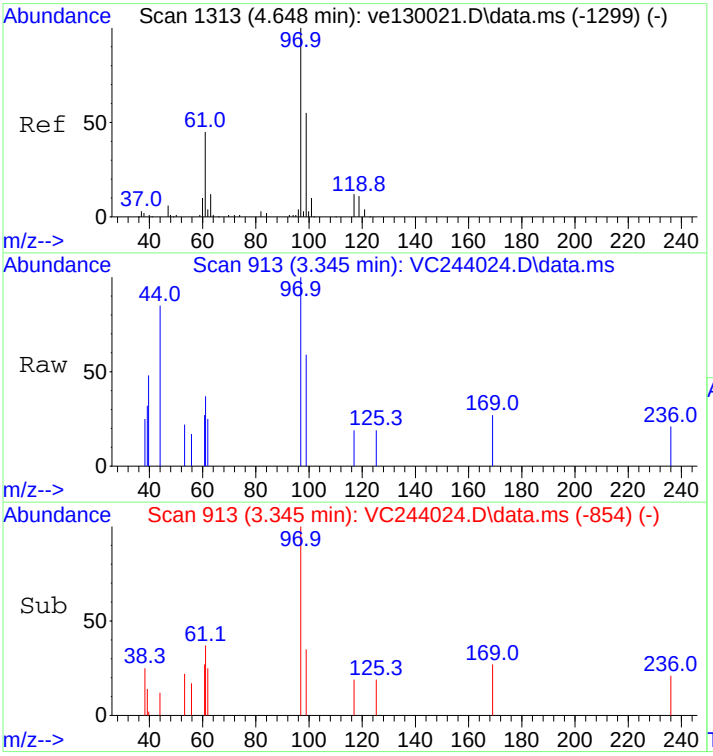


#40
CHLOROFORM
Concen: 0.13 UG/L m
RT: 3.174 min Scan# 852
Delta R.T. -0.003 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 83 Resp: 1614

Ion	Ratio	Lower	Upper
83	100		
85	0.0	49.8	74.8#

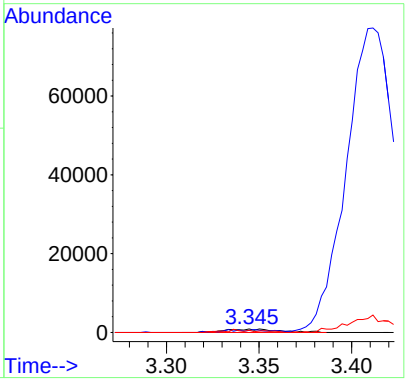


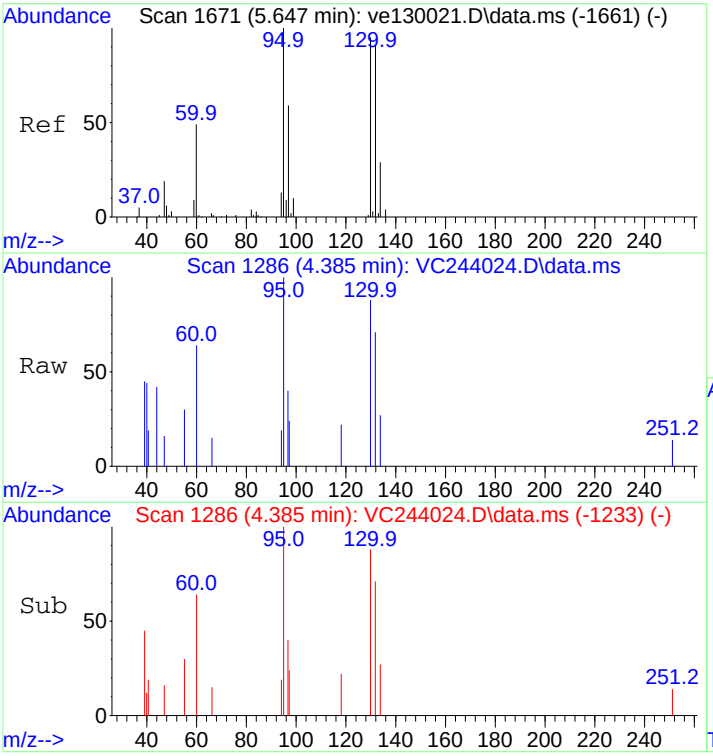


#41
1,1,1-TRICHLOROETHANE
Concen: 0.17 UG/L m
RT: 3.345 min Scan# 913
Delta R.T. 0.004 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 97 Resp: 1636

Ion	Ratio	Lower	Upper
97	100		
99	8864.1	51.1	76.7#
61	426.3	33.8	50.8#

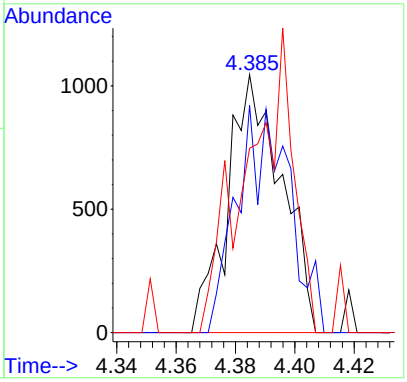


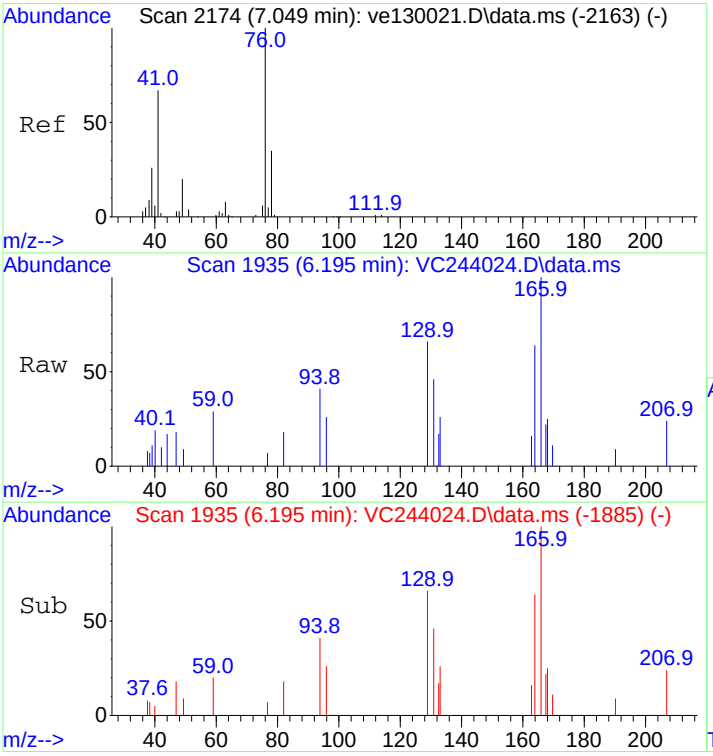


#51
TRICHLOROETHENE
Concen: 0.21 UG/L
RT: 4.385 min Scan# 1286
Delta R.T. -0.003 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion: 95 Resp: 1323

Ion	Ratio	Lower	Upper
95	100		
130	37.9	76.4	114.6#
132	80.0	74.1	111.1

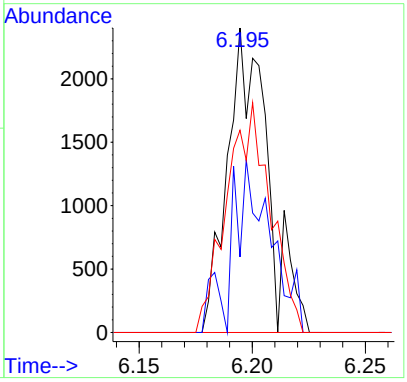


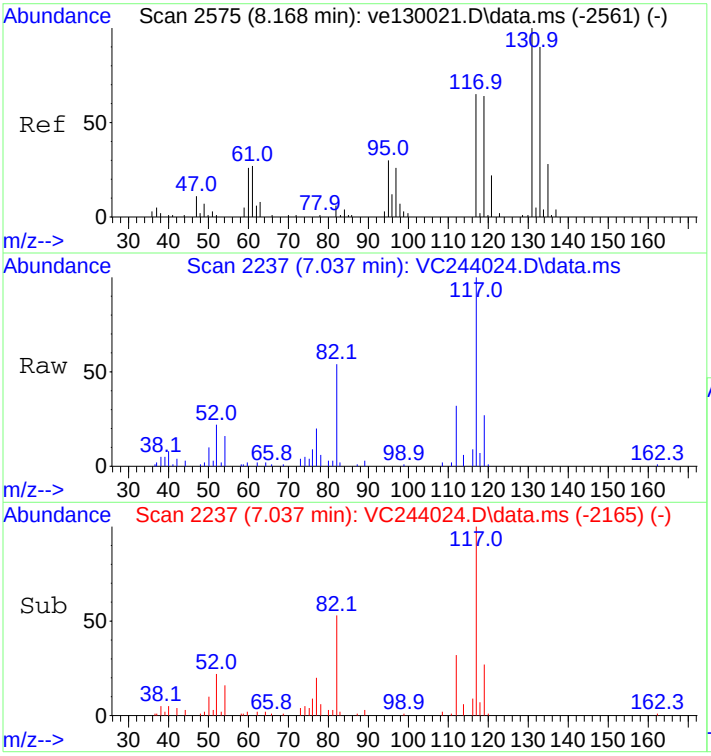


#66
TETRACHLOROETHENE
Concen: 0.44 UG/L m
RT: 6.195 min Scan# 1935
Delta R.T. -0.005 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion:166 Resp: 2993

Ion	Ratio	Lower	Upper
166	100		
168	48.1	38.5	57.7
129	41.2	54.2	81.2#

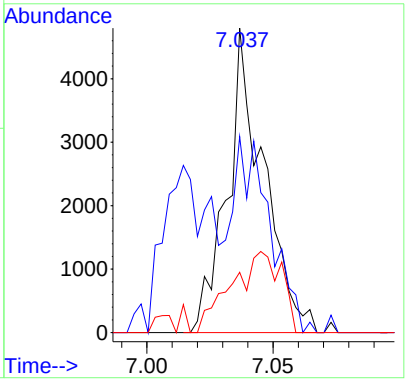


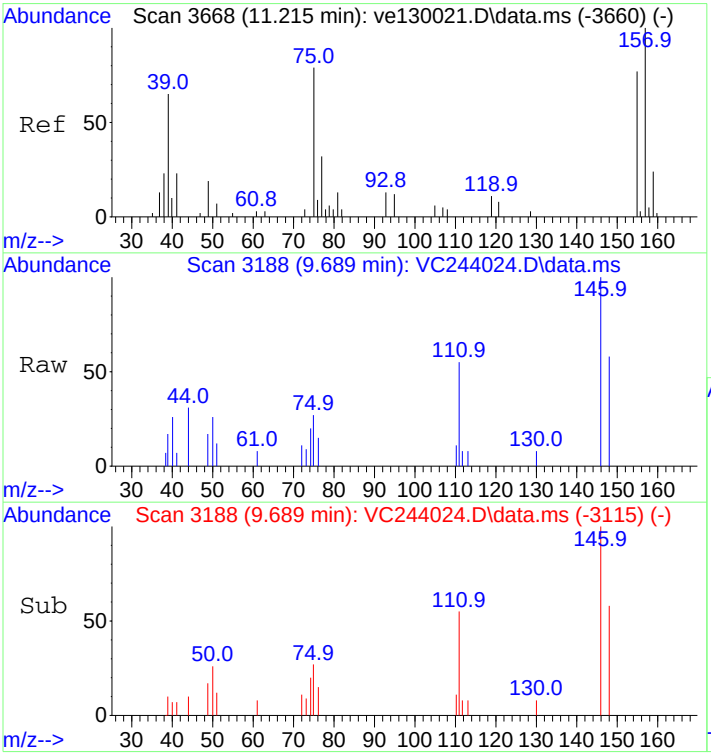


#72
CHLOROBENZENE
Concen: 0.31 UG/L
RT: 7.037 min Scan# 2237
Delta R.T. -0.005 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion:112 Resp: 4850

Ion	Ratio	Lower	Upper
112	100		
77	67.8	49.8	74.6
114	36.3	26.2	39.2

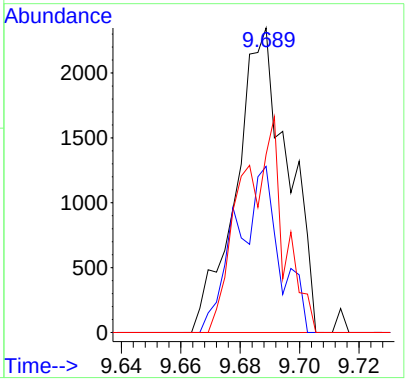




#97
1,2-DICHLOROBENZENE
Concen: 0.25 UG/L
RT: 9.689 min Scan# 3188
Delta R.T. 0.003 min
Lab File: VC244024.D
Acq: 1 Sep 2011 6:21 pm

Tgt Ion:146 Resp: 2822

Ion	Ratio	Lower	Upper
146	100		
111	46.0	32.2	48.2
148	58.3	51.0	76.6



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

1 - FORM I
ANALYSIS DATA SHEET

TB-08222011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Drinking Water	Laboratory ID:	11H1080-03	File ID:	VC244022.D
Sampled:	08/22/11 18:00	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 17:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

TB-08222011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Drinking Water	Laboratory ID:	11H1080-03	File ID:	VC244022.D
Sampled:	08/22/11 18:00	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 17:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

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

1 - FORM I
ANALYSIS DATA SHEET

TB-08222011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Drinking Water	Laboratory ID:	11H1080-03	File ID:	VC244022.D
Sampled:	08/22/11 18:00	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 17:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

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

1 - FORM I
ANALYSIS DATA SHEET

TB-08222011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Drinking Water	Laboratory ID:	11H1080-03	File ID:	VC244022.D
Sampled:	08/22/11 18:00	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 17:21
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244022.D
Acq On : 1 Sep 2011 5:21 pm
Operator :
Sample : 11H1080-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

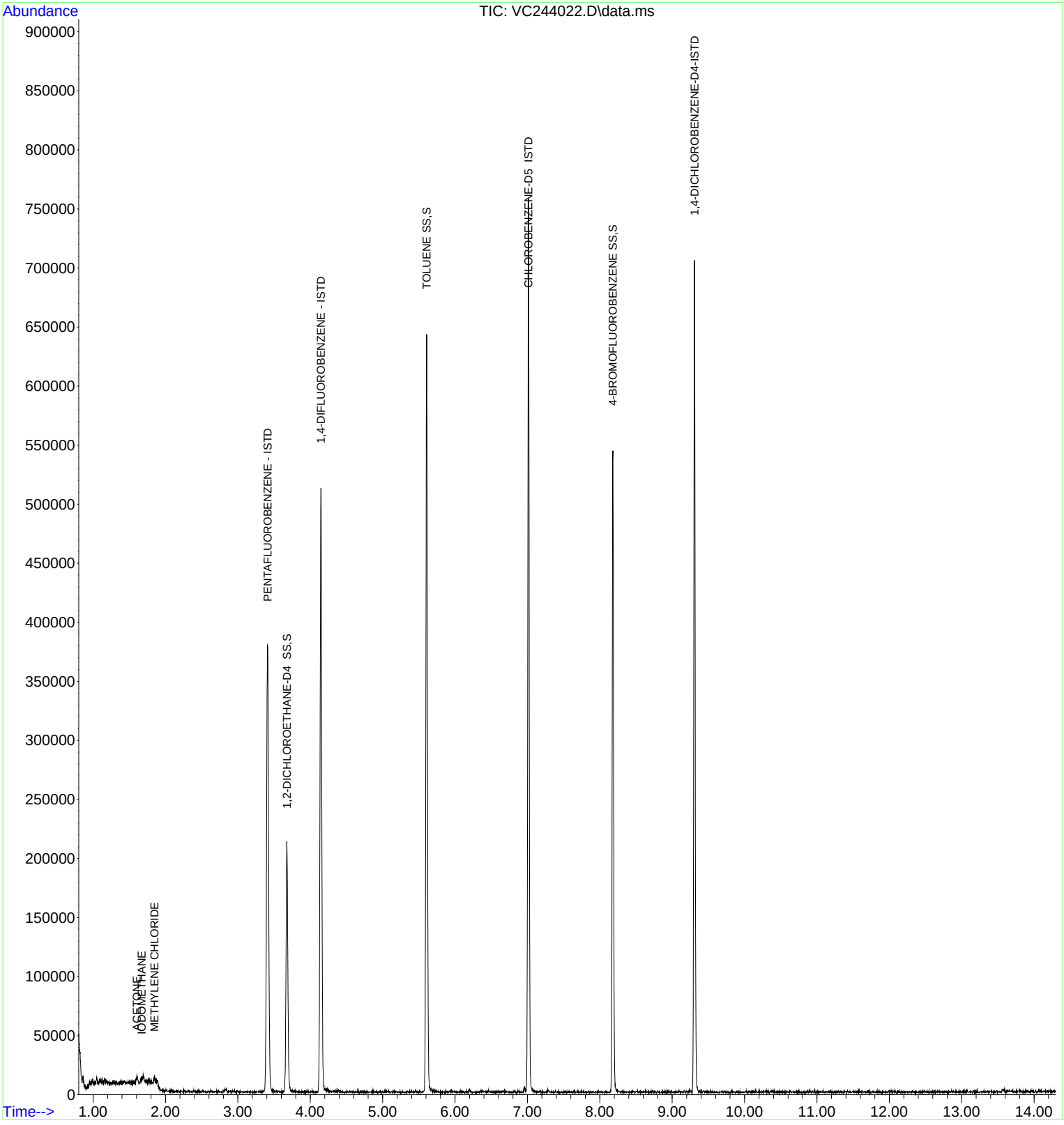
Quant Time: Sep 02 08:13:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

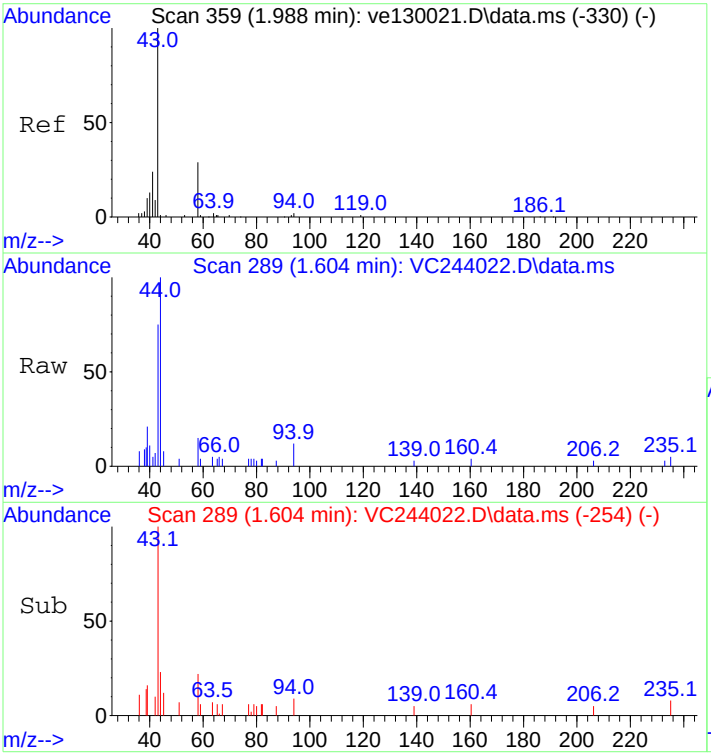
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	259759	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	351476	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	189781	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	152574	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	149014	25.80	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.20%			
49) TOLUENE SS	5.609	98	338047	24.64	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.56%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	137788	24.62	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.48%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	5011	3.44	UG/L	# 75
17) IODOMETHANE	1.671	142	2934m	1.19	UG/L	
23) METHYLENE CHLORIDE	1.847	49	1958	0.26	UG/L	87

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

Data Path : X:\1\DATA\090111\
Data File : VC244022.D
Acq On : 1 Sep 2011 5:21 pm
Operator :
Sample : 11H1080-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 02 08:13:08 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

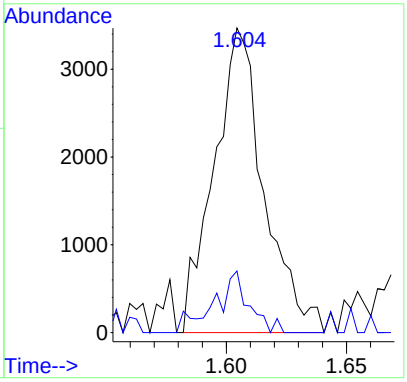


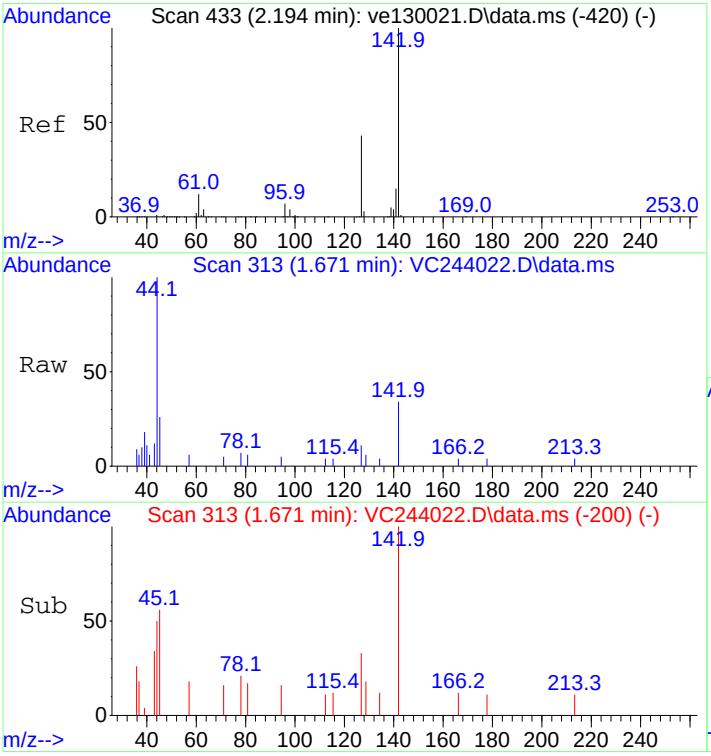


#14
ACETONE
Concen: 3.44 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC244022.D
Acq: 1 Sep 2011 5:21 pm

Tgt Ion: 43 Resp: 5011

Ion	Ratio	Lower	Upper
43	100		
58	12.1	19.5	29.3#

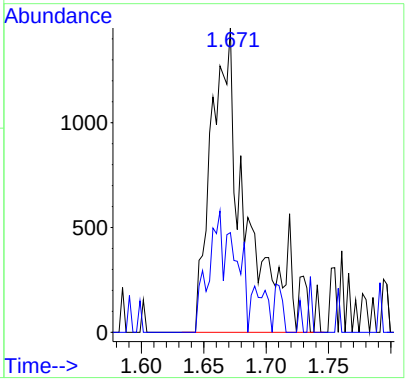


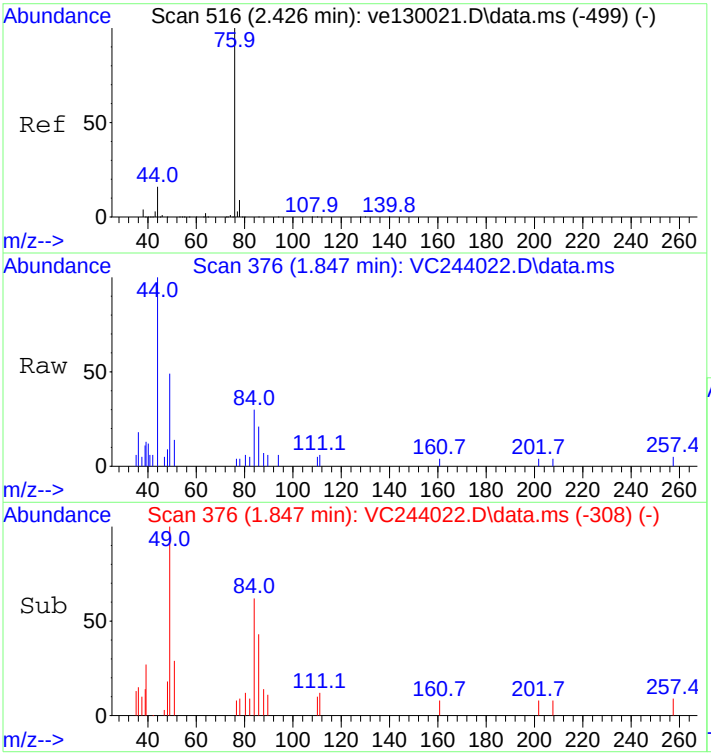


#17
IODOMETHANE
Concen: 1.19 UG/L m
RT: 1.671 min Scan# 313
Delta R.T. 0.014 min
Lab File: VC244022.D
Acq: 1 Sep 2011 5:21 pm

Tgt Ion:142 Resp: 2934

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

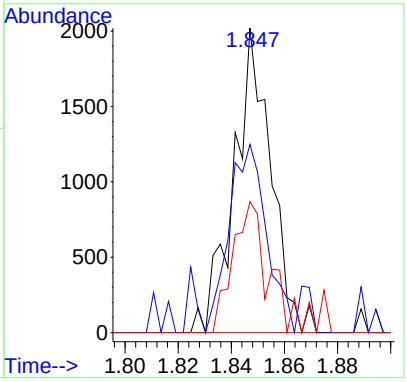




#23
METHYLENE CHLORIDE
Concen: 0.26 UG/L
RT: 1.847 min Scan# 376
Delta R.T. 0.001 min
Lab File: VC244022.D
Acq: 1 Sep 2011 5:21 pm

Tgt Ion: 49 Resp: 1958

Ion	Ratio	Lower	Upper
49	100		
84	62.7	60.6	91.0
86	41.2	38.0	57.0



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

1 - FORM I
ANALYSIS DATA SHEET

PW 16-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-04	File ID:	VC244025.D
Sampled:	08/23/11 15:05	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 18:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 16-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-04	File ID:	VC244025.D
Sampled:	08/23/11 15:05	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 18:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 16-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-04	File ID:	VC244025.D
Sampled:	08/23/11 15:05	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 18:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 16-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-04	File ID:	VC244025.D
Sampled:	08/23/11 15:05	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 18:52
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244025.D
Acq On : 1 Sep 2011 6:52 pm
Operator :
Sample : 11H1080-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

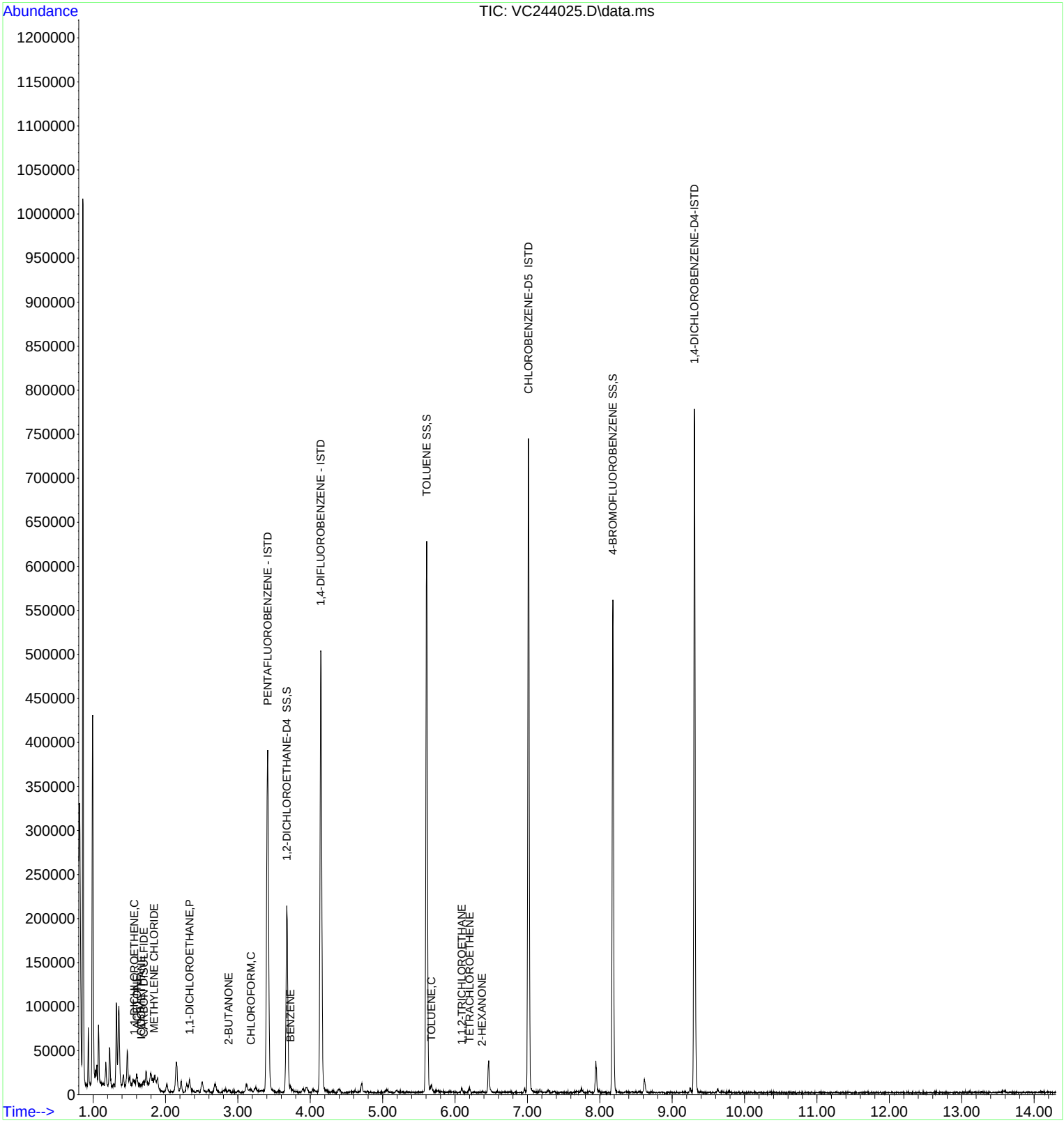
Quant Time: Sep 02 08:30:06 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

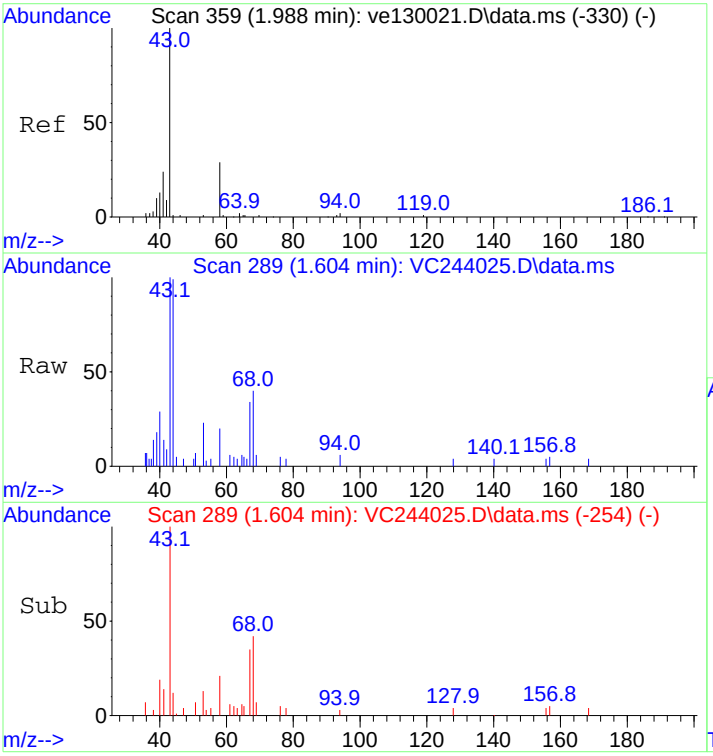
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	263470	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	352022	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	189100	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	160788	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	148784	25.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.60%				
49) TOLUENE SS	5.609	98	341669	24.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.44%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	140922	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
Target Compounds							Qvalue
14) ACETONE	1.604	43	5822	3.94	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	1930	0.22	UG/L	#	74
17) IODOMETHANE	1.666	142	1234	0.99	UG/L	#	100
23) METHYLENE CHLORIDE	1.841	49	2132m	0.28	UG/L		
24) CARBON DISULFIDE	1.699	76	1712m	0.12	UG/L		
27) 1,1-DICHLOROETHANE	2.332	63	6007	0.56	UG/L	#	80
31) 2-BUTANONE	2.873	43	3586m	1.62	UG/L		
40) CHLOROFORM	3.180	83	2755	0.22	UG/L		96
45) BENZENE	3.726	78	2845	0.13	UG/L	#	1
61) TOLUENE	5.673	91	4009	0.17	UG/L	#	63
64) 1,1,2-TRICHLOROETHANE	6.091	97	943	0.18	UG/L	#	14
65) 2-HEXANONE	6.373	43	580m	0.18	UG/L		
66) TETRACHLOROETHENE	6.203	166	957m	0.14	UG/L		

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

Data Path : X:\1\DATA\090111\
Data File : VC244025.D
Acq On : 1 Sep 2011 6:52 pm
Operator :
Sample : 11H1080-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 02 08:30:06 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

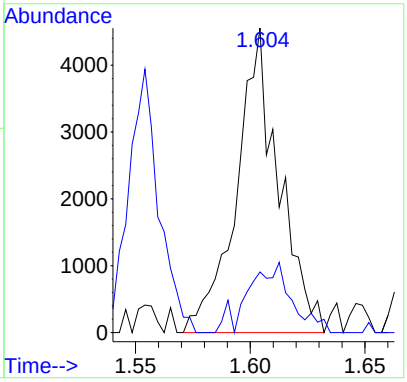


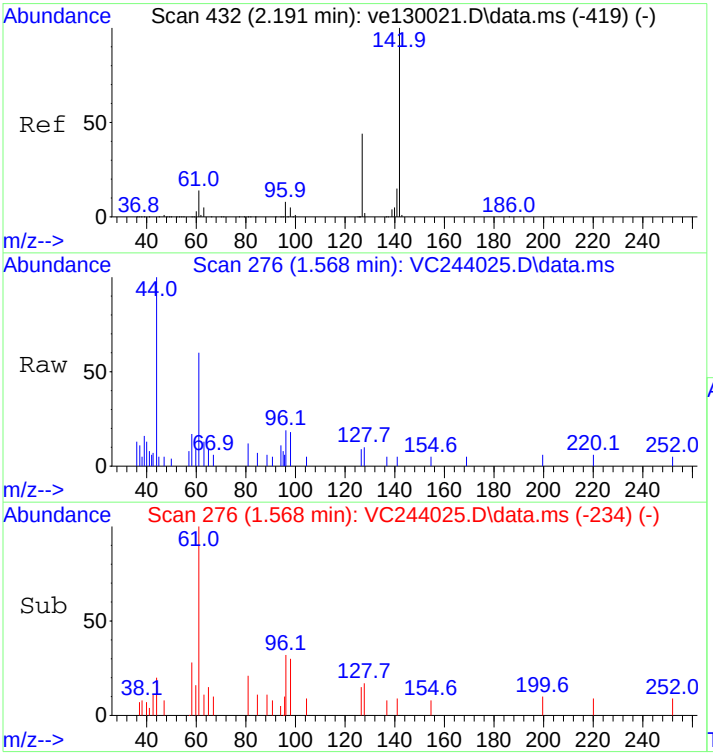


#14
ACETONE
Concen: 3.94 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 43 Resp: 5822

Ion	Ratio	Lower	Upper
43	100		
58	21.8	19.5	29.3

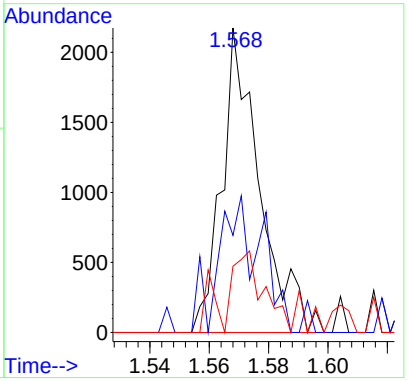


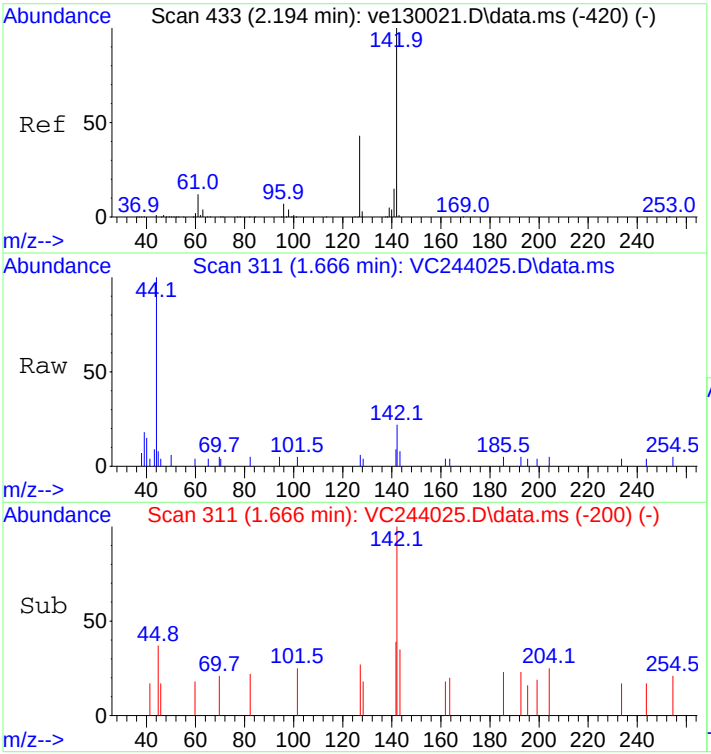


#15
1,1-DICHLOROETHENE
Concen: 0.22 UG/L
RT: 1.568 min Scan# 276
Delta R.T. -0.003 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 61 Resp: 1930

Ion	Ratio	Lower	Upper
61	100		
96	50.9	45.4	68.2
63	0.0	26.2	39.4#

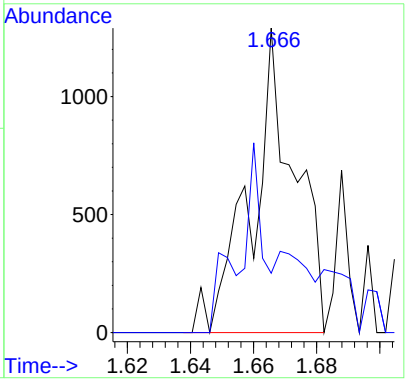


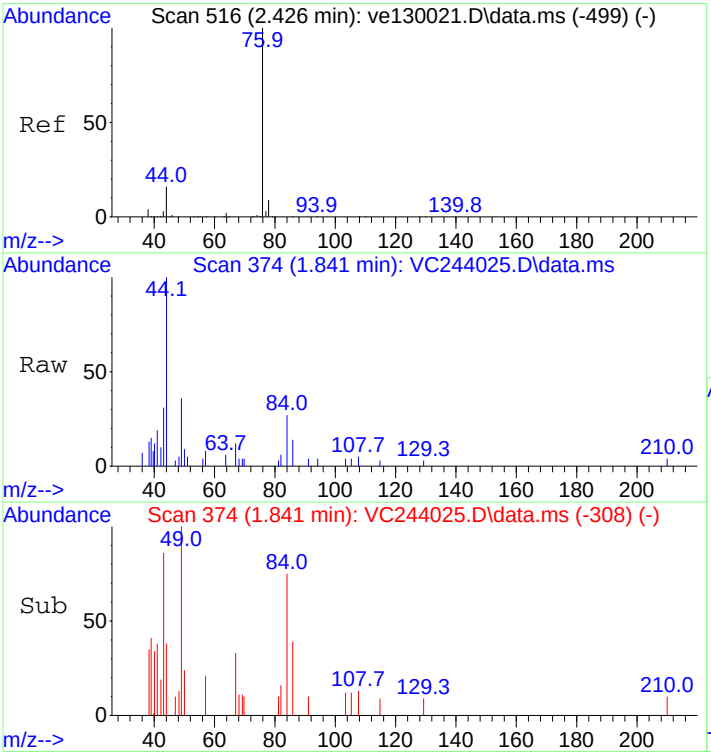


#17
IODOMETHANE
Concen: 0.99 UG/L
RT: 1.666 min Scan# 311
Delta R.T. 0.009 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion:142 Resp: 1234

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

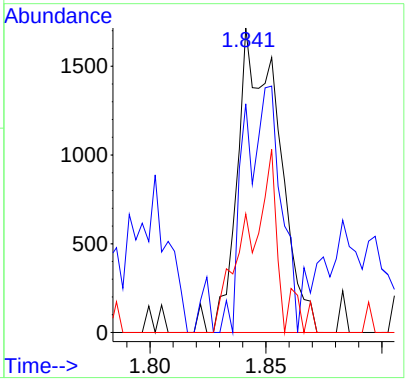


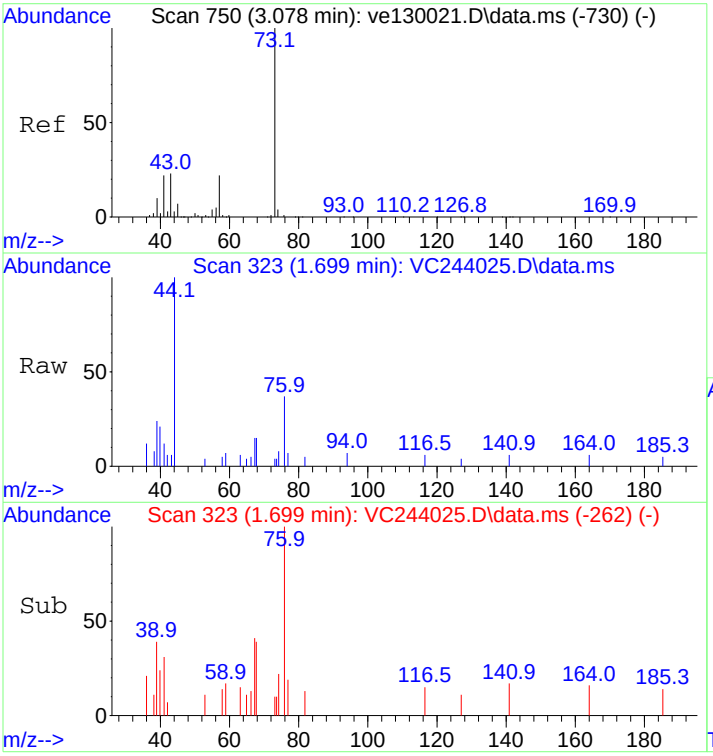


#23
METHYLENE CHLORIDE
Concen: 0.28 UG/L m
RT: 1.841 min Scan# 374
Delta R.T. -0.005 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 49 Resp: 2132

Ion	Ratio	Lower	Upper
49	100		
84	25.4	60.6	91.0#
86	0.0	38.0	57.0#

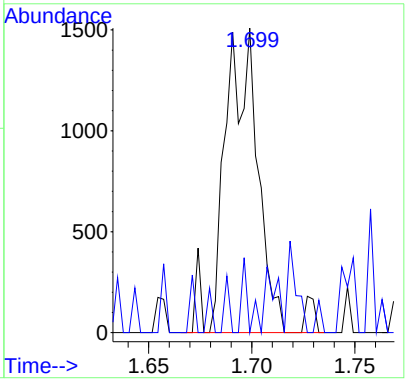


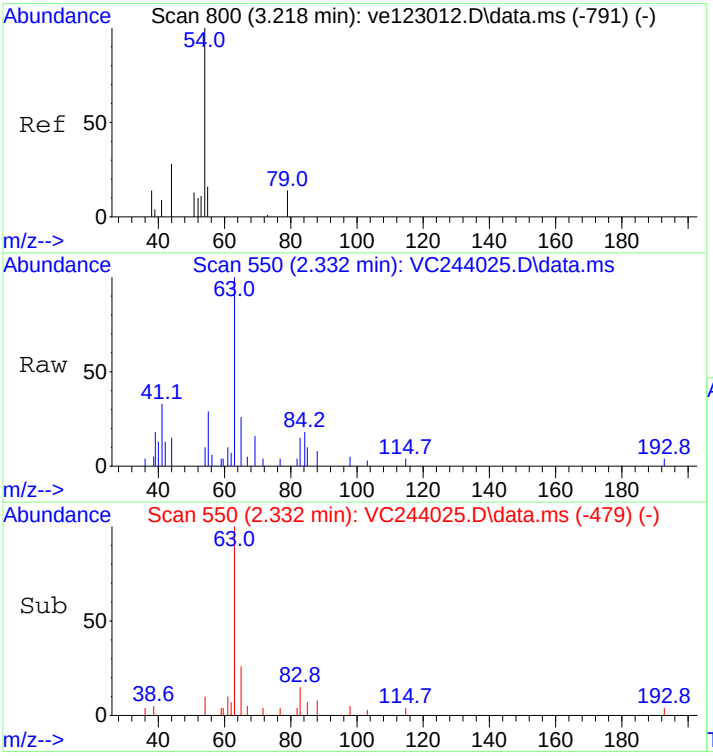


#24
CARBON DISULFIDE
Concen: 0.12 UG/L m
RT: 1.699 min Scan# 323
Delta R.T. 0.006 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 76 Resp: 1712

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

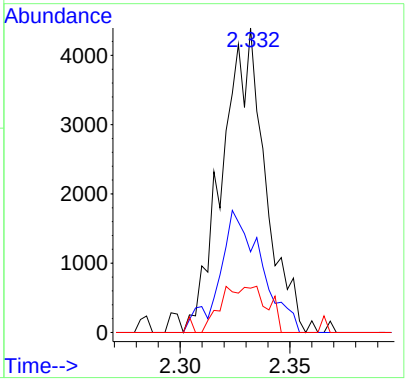


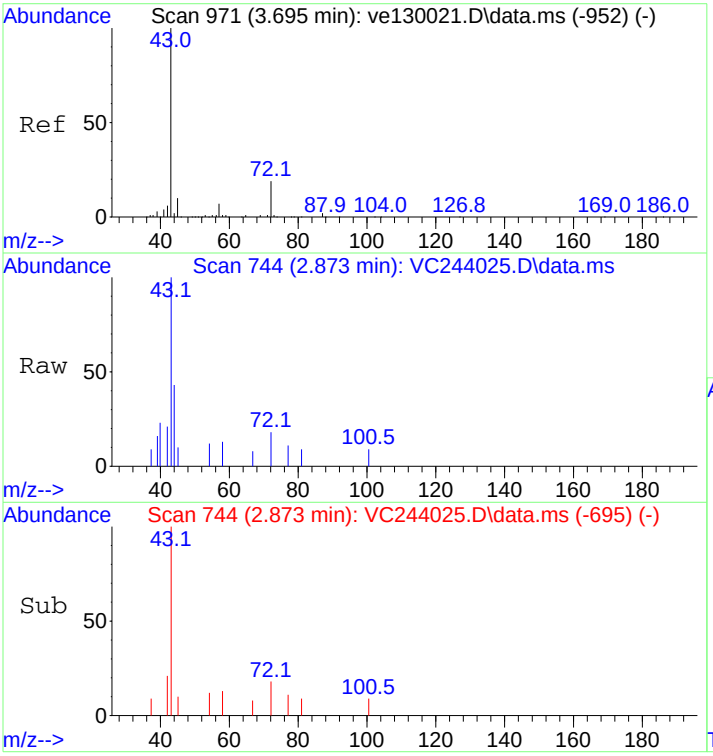


#27
1,1-DICHLOROETHANE
Concen: 0.56 UG/L
RT: 2.332 min Scan# 550
Delta R.T. 0.003 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 63 Resp: 6007

Ion	Ratio	Lower	Upper
63	100		
65	39.1	25.4	38.2#
83	0.0	11.5	17.3#

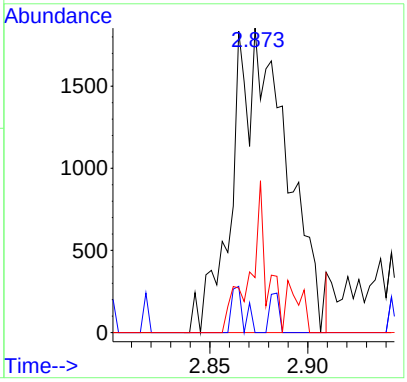


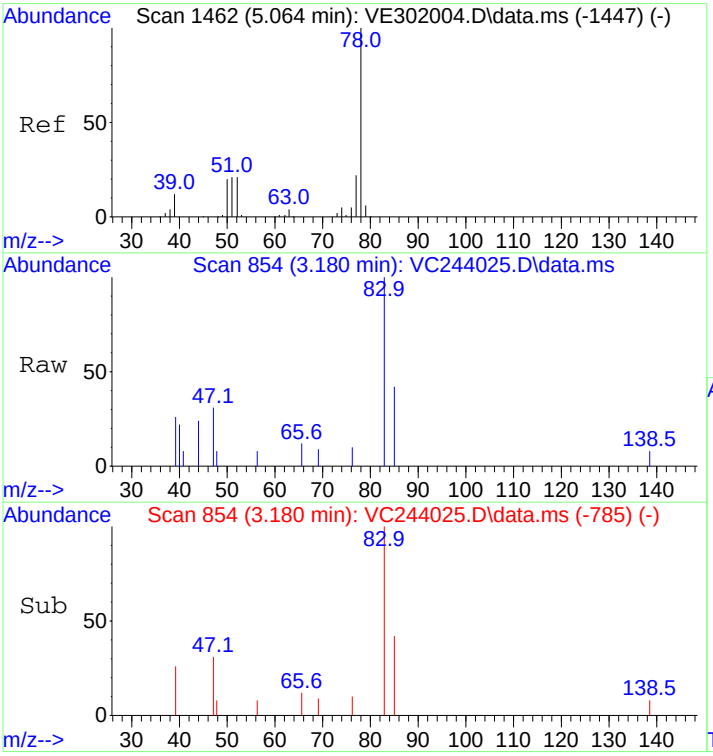


#31
2-BUTANONE
Concen: 1.62 UG/L m
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 43 Resp: 3586

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.1	9.1#
72	15.8	18.2	27.4#

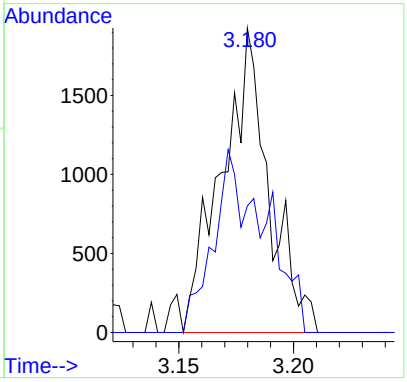


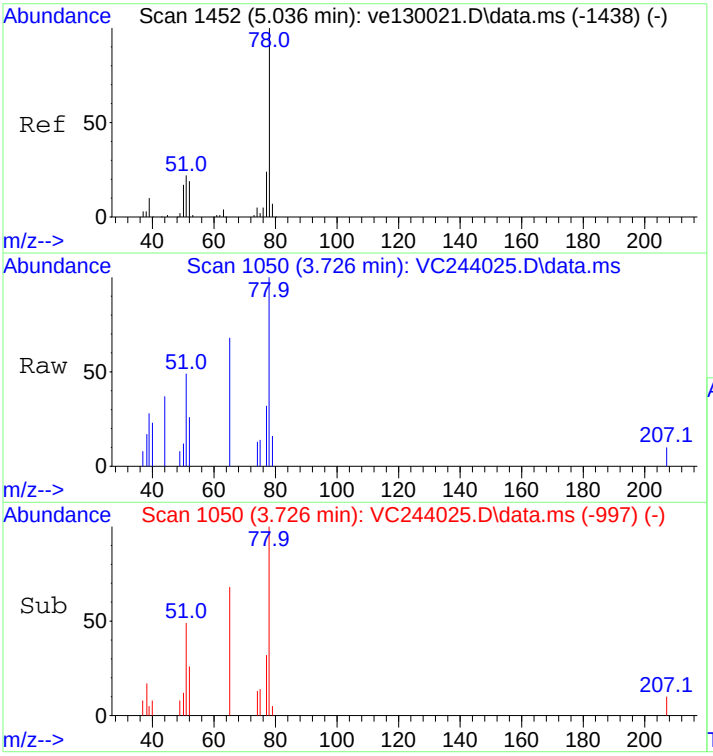


#40
CHLOROFORM
Concen: 0.22 UG/L
RT: 3.180 min Scan# 854
Delta R.T. 0.003 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 83 Resp: 2755

Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.8	74.8

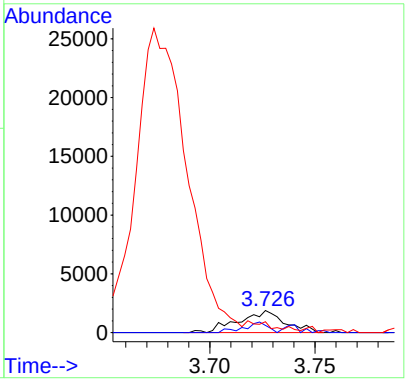


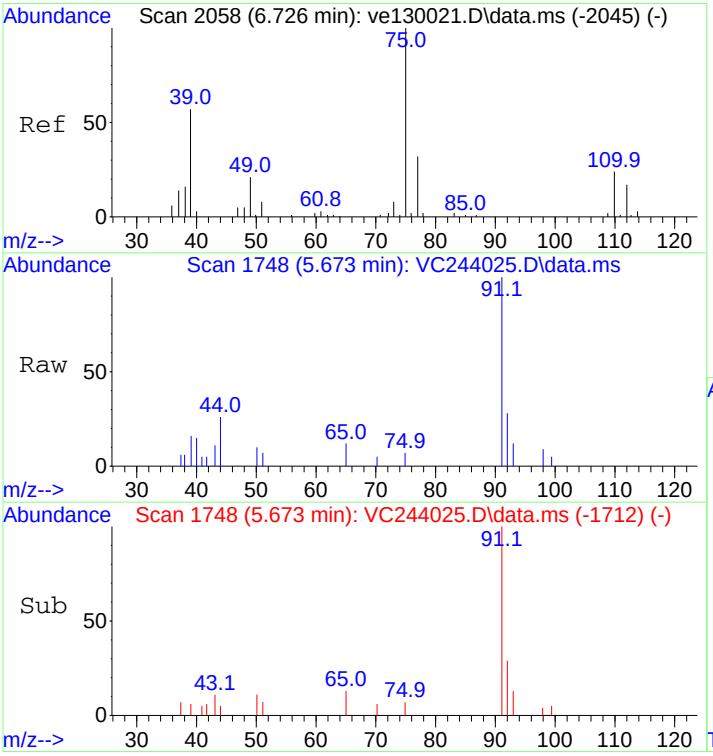


#45
BENZENE
Concen: 0.13 UG/L
RT: 3.726 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 78 Resp: 2845

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2
51	1547.6	18.0	27.0#

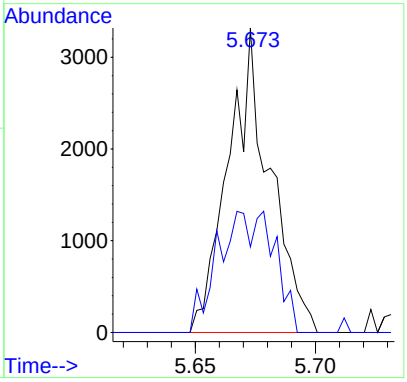


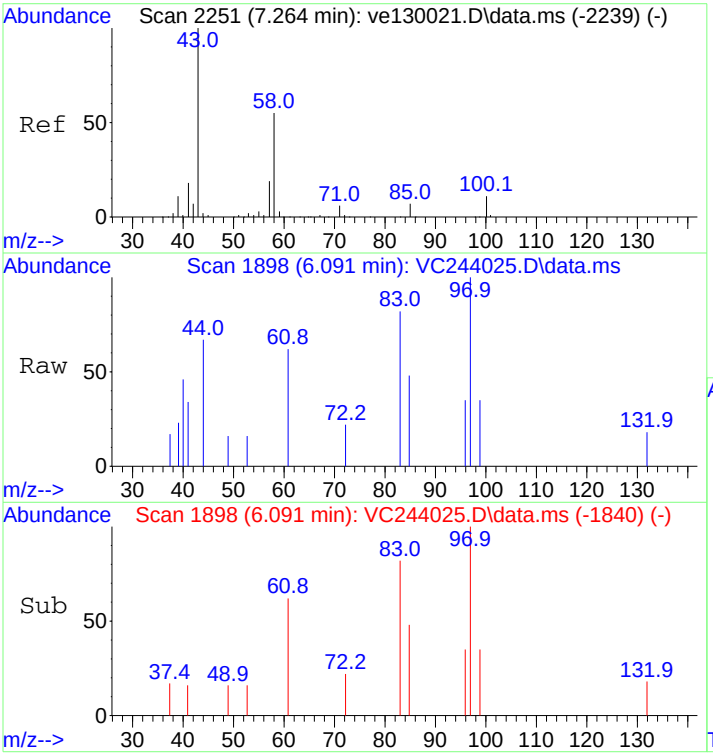


#61
TOLUENE
Concen: 0.17 UG/L
RT: 5.673 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 91 Resp: 4009

Ion	Ratio	Lower	Upper
91	100		
92	31.7	47.7	71.5#

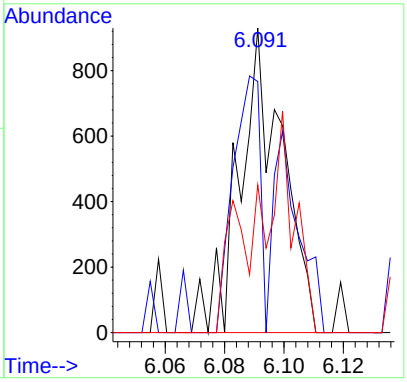


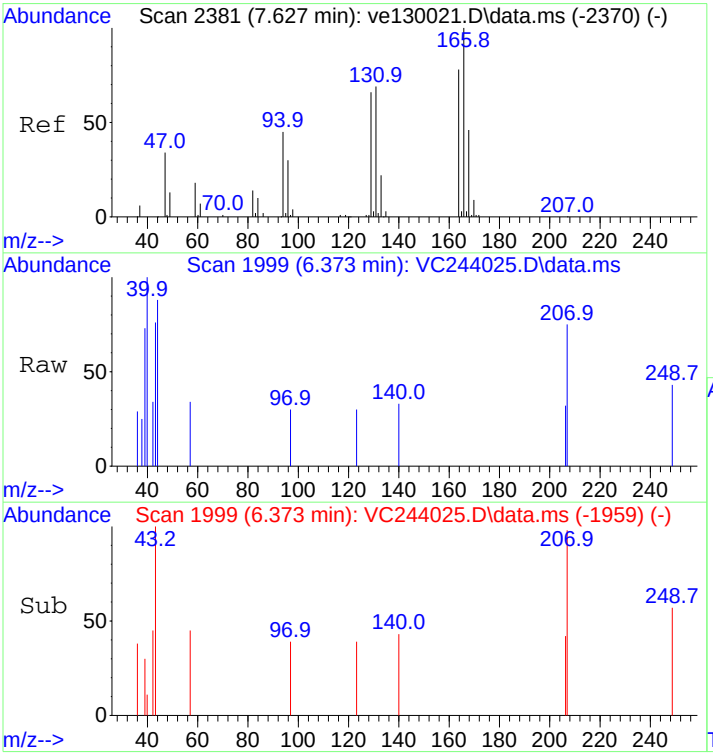


#64
1,1,2-TRICHLOROETHANE
Concen: 0.18 UG/L
RT: 6.091 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 97 Resp: 943

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.9	103.3#
85	0.0	42.3	63.5#

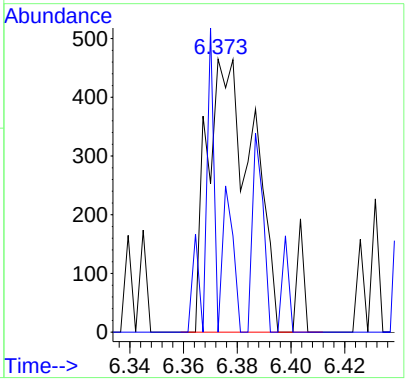


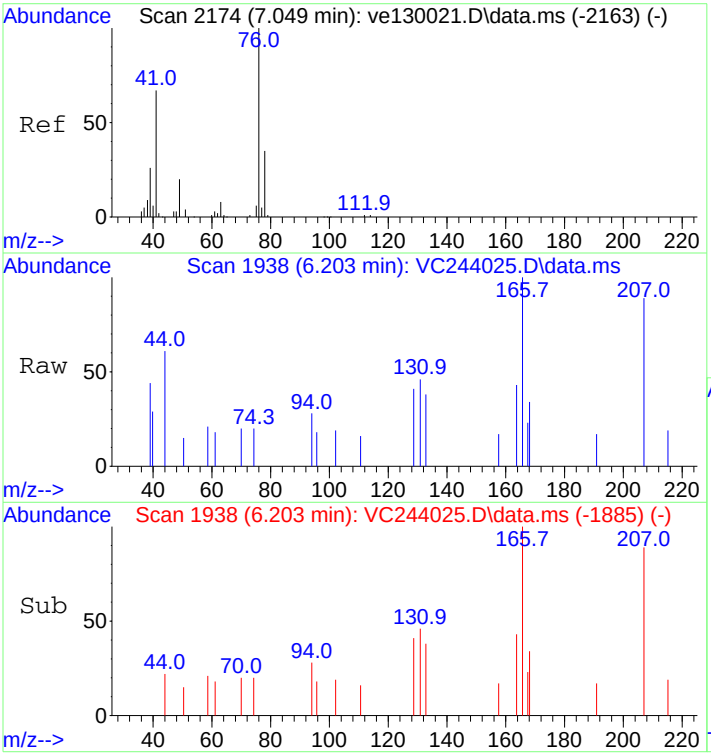


#65
2-HEXANONE
Concen: 0.18 UG/L m
RT: 6.373 min Scan# 1999
Delta R.T. 0.001 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion: 43 Resp: 580

Ion	Ratio	Lower	Upper
43	100		
58	114.5	40.3	60.5#

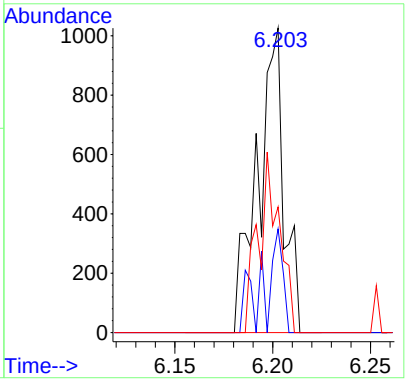




#66
TETRACHLOROETHENE
Concen: 0.14 UG/L m
RT: 6.203 min Scan# 1938
Delta R.T. 0.003 min
Lab File: VC244025.D
Acq: 1 Sep 2011 6:52 pm

Tgt Ion:166 Resp: 957

Ion	Ratio	Lower	Upper
166	100		
168	0.0	38.5	57.7#
129	0.0	54.2	81.2#



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

1 - FORM I
ANALYSIS DATA SHEET

PW 16-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-05	File ID:	VC244026.D
Sampled:	08/23/11 17:30	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 19:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 16-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-05	File ID:	VC244026.D
Sampled:	08/23/11 17:30	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 19:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 16-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-05	File ID:	VC244026.D
Sampled:	08/23/11 17:30	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 19:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 16-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-05	File ID:	VC244026.D
Sampled:	08/23/11 17:30	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 19:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244026.D
Acq On : 1 Sep 2011 7:22 pm
Operator :
Sample : 11H1080-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 02 08:31:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

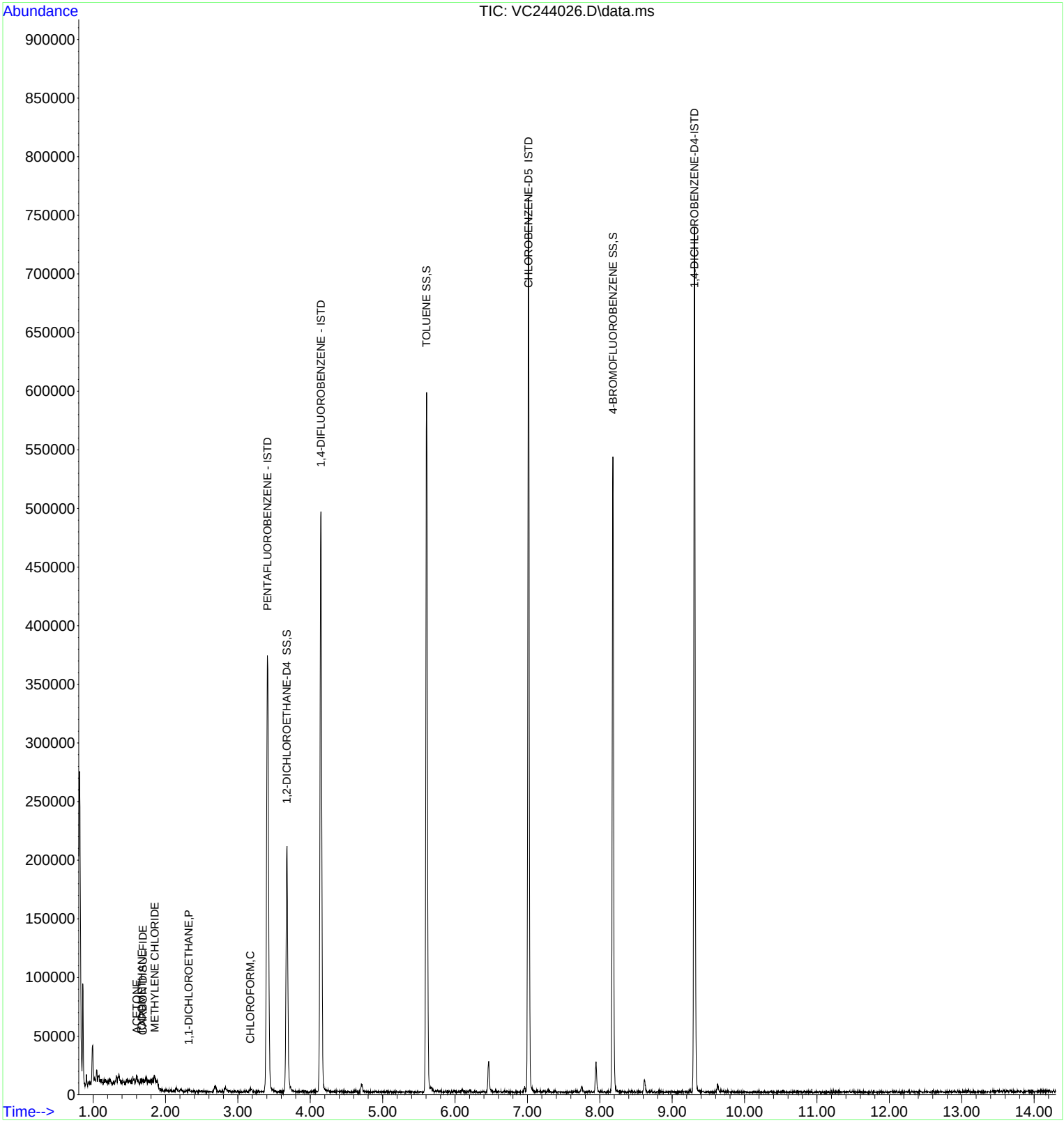
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	249856	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	342007	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	186637	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	158959	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	145076	26.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.44%			
49) TOLUENE SS	5.606	98	328345	24.59	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%			
71) 4-BROMOFLUOROBENZENE SS	8.183	95	136293	24.76	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.04%			
Target Compounds						Qvalue
14) ACETONE	1.602	43	3268	2.33	UG/L	# 41
17) IODOMETHANE	1.671	142	1633m	1.05	UG/L	
23) METHYLENE CHLORIDE	1.850	49	1871	0.26	UG/L	# 87
24) CARBON DISULFIDE	1.688	76	1399	0.10	UG/L	# 100
27) 1,1-DICHLOROETHANE	2.321	63	1440m	0.14	UG/L	
40) CHLOROFORM	3.172	83	1950	0.16	UG/L	# 77

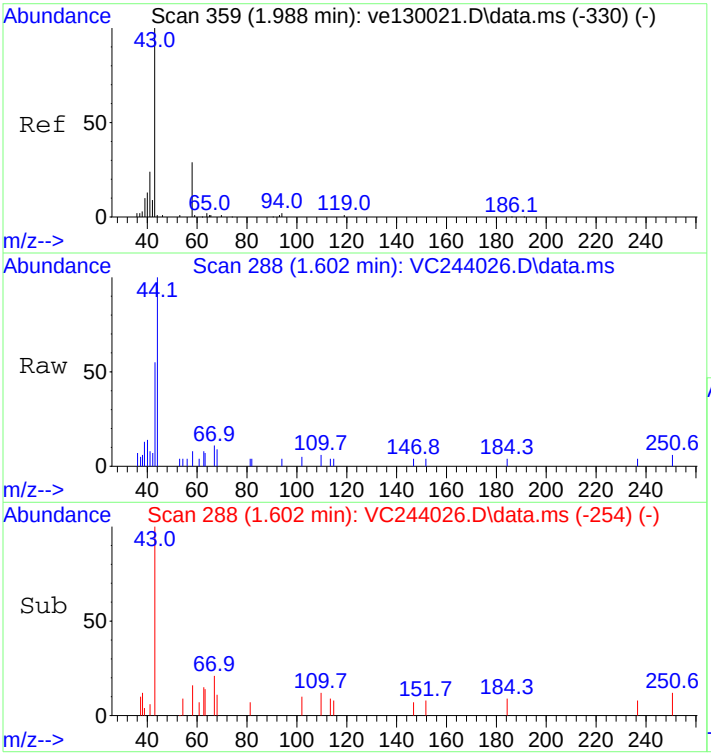
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244026.D
Acq On : 1 Sep 2011 7:22 pm
Operator :
Sample : 11H1080-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 02 08:31:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

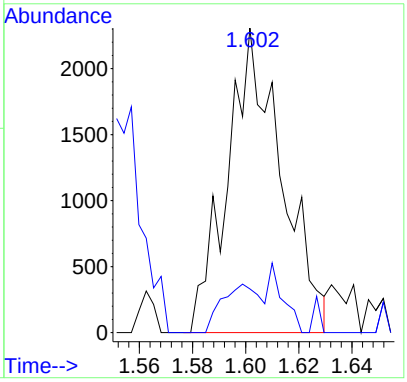


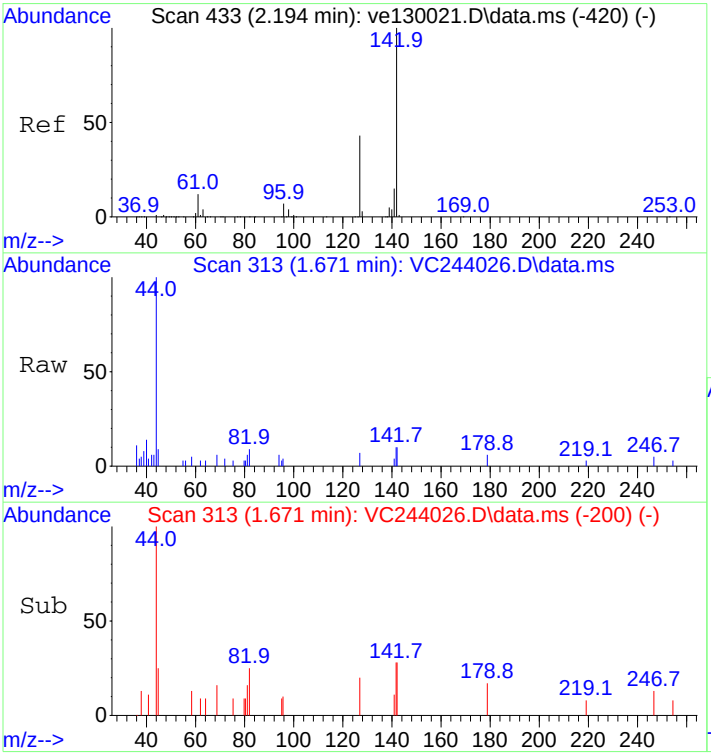


#14
ACETONE
Concen: 2.33 UG/L
RT: 1.602 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC244026.D
Acq: 1 Sep 2011 7:22 pm

Tgt Ion: 43 Resp: 3268

Ion	Ratio	Lower	Upper
43	100		
58	53.5	19.5	29.3#

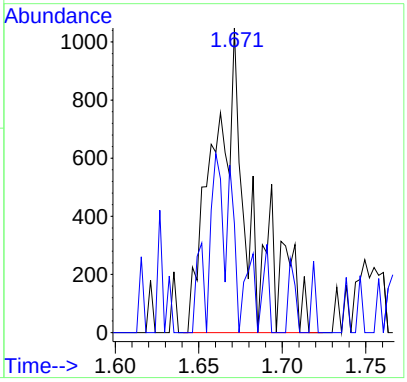


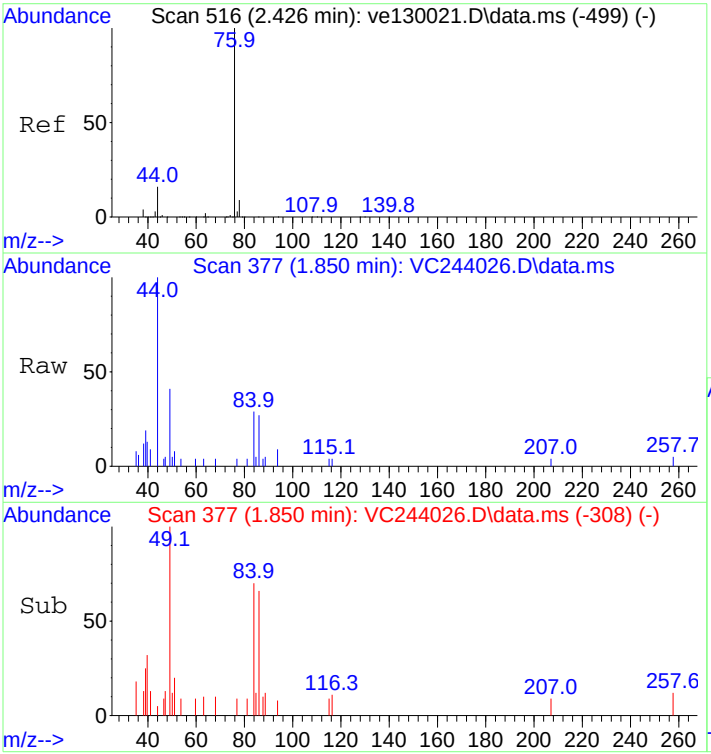


#17
IODOMETHANE
Concen: 1.05 UG/L m
RT: 1.671 min Scan# 313
Delta R.T. 0.014 min
Lab File: VC244026.D
Acq: 1 Sep 2011 7:22 pm

Tgt Ion:142 Resp: 1633

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

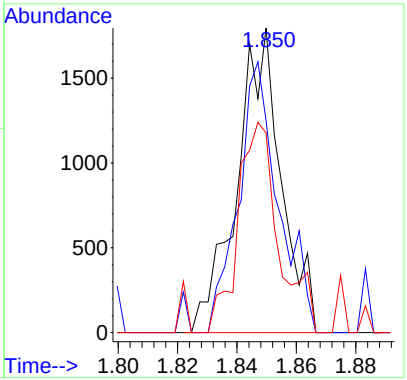


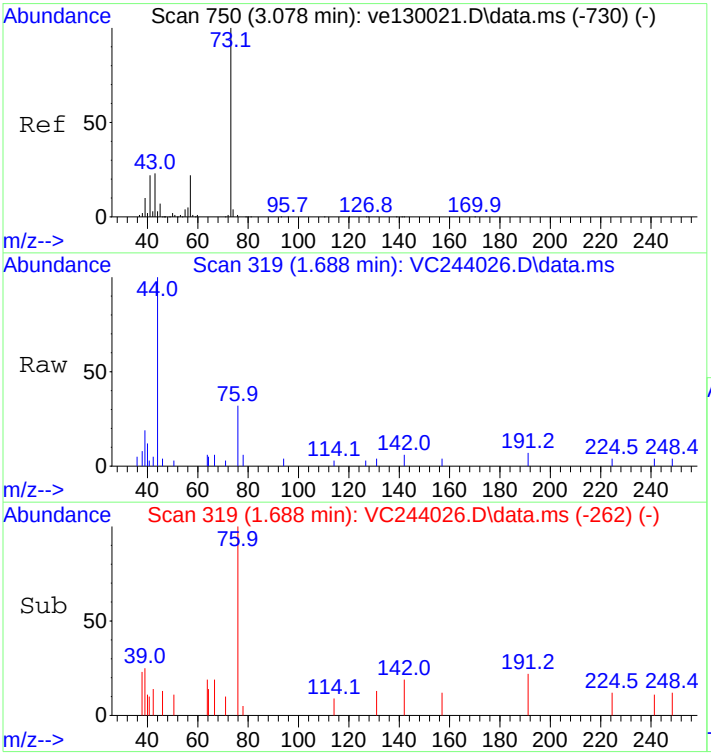


#23
METHYLENE CHLORIDE
Concen: 0.26 UG/L
RT: 1.850 min Scan# 377
Delta R.T. 0.004 min
Lab File: VC244026.D
Acq: 1 Sep 2011 7:22 pm

Tgt Ion: 49 Resp: 1871

Ion	Ratio	Lower	Upper
49	100		
84	81.0	60.6	91.0
86	63.2	38.0	57.0#

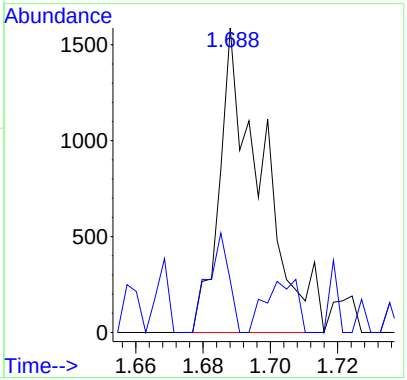


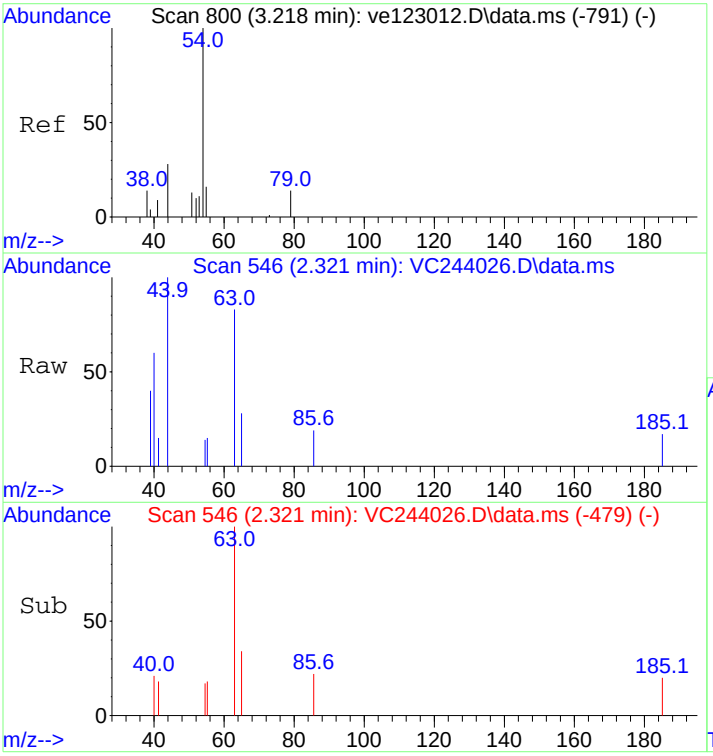


#24
CARBON DISULFIDE
Concen: 0.10 UG/L
RT: 1.688 min Scan# 319
Delta R.T. -0.005 min
Lab File: VC244026.D
Acq: 1 Sep 2011 7:22 pm

Tgt Ion: 76 Resp: 1399

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

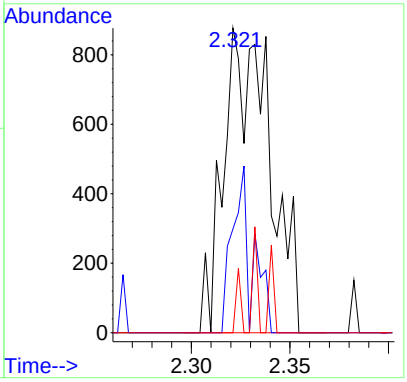


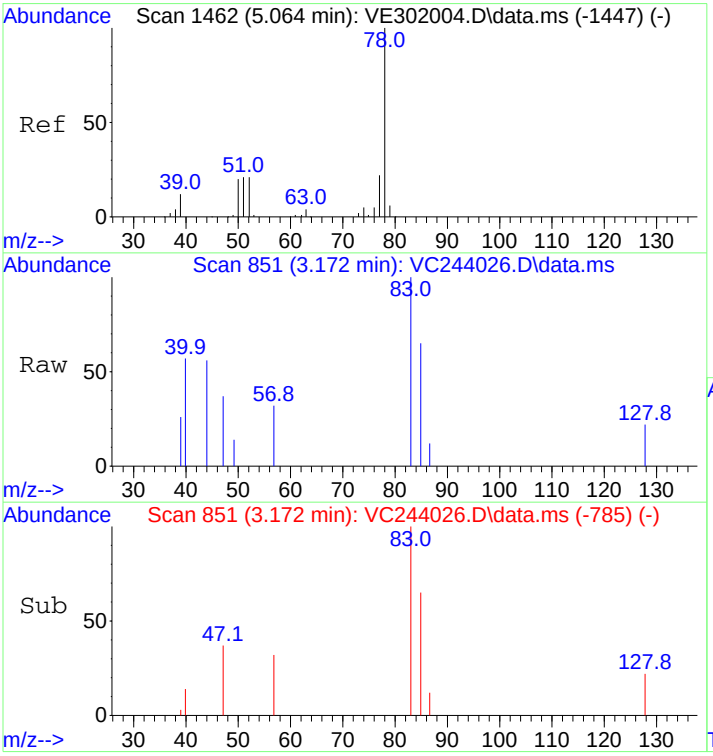


#27
1,1-DICHLOROETHANE
Concen: 0.14 UG/L m
RT: 2.321 min Scan# 546
Delta R.T. -0.008 min
Lab File: VC244026.D
Acq: 1 Sep 2011 7:22 pm

Tgt Ion: 63 Resp: 1440

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.4	38.2#
83	0.0	11.5	17.3#

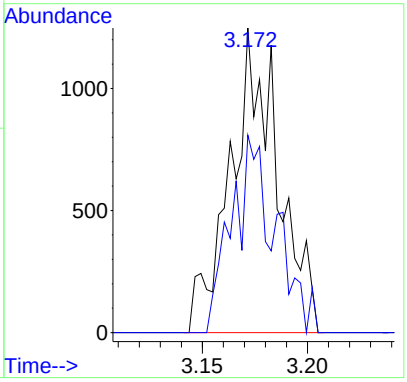




#40
CHLOROFORM
Concen: 0.16 UG/L
RT: 3.172 min Scan# 851
Delta R.T. -0.005 min
Lab File: VC244026.D
Acq: 1 Sep 2011 7:22 pm

Tgt Ion: 83 Resp: 1950

Ion	Ratio	Lower	Upper
83	100		
85	44.8	49.8	74.8#



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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-06	File ID:	VC244027.D
Sampled:	08/24/11 12:20	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 19:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-06	File ID:	VC244027.D
Sampled:	08/24/11 12:20	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 19:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-06	File ID:	VC244027.D
Sampled:	08/24/11 12:20	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 19:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-06	File ID:	VC244027.D
Sampled:	08/24/11 12:20	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 19:53
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244027.D
Acq On : 1 Sep 2011 7:53 pm
Operator :
Sample : 11H1080-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

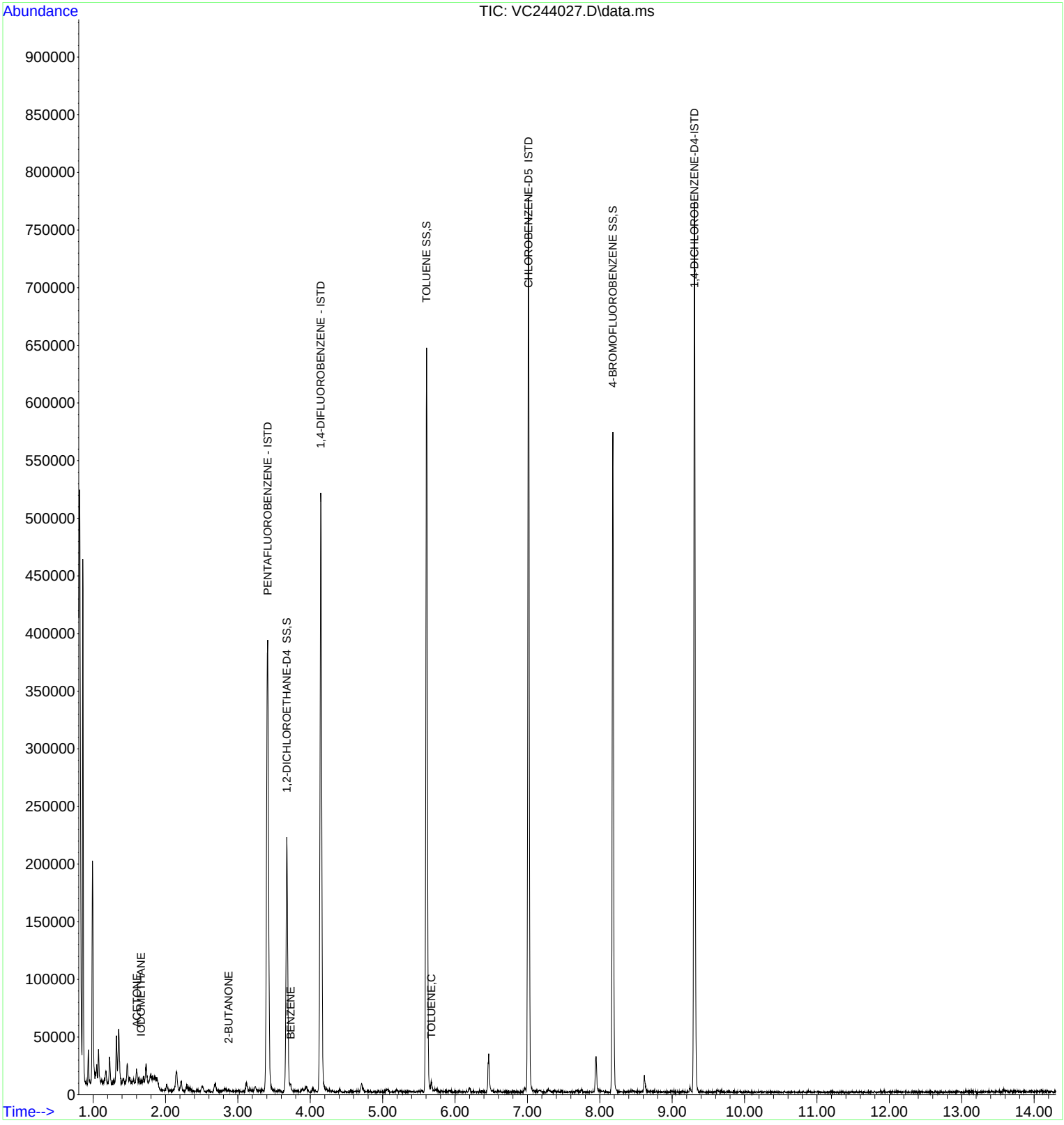
Quant Time: Sep 02 08:35:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

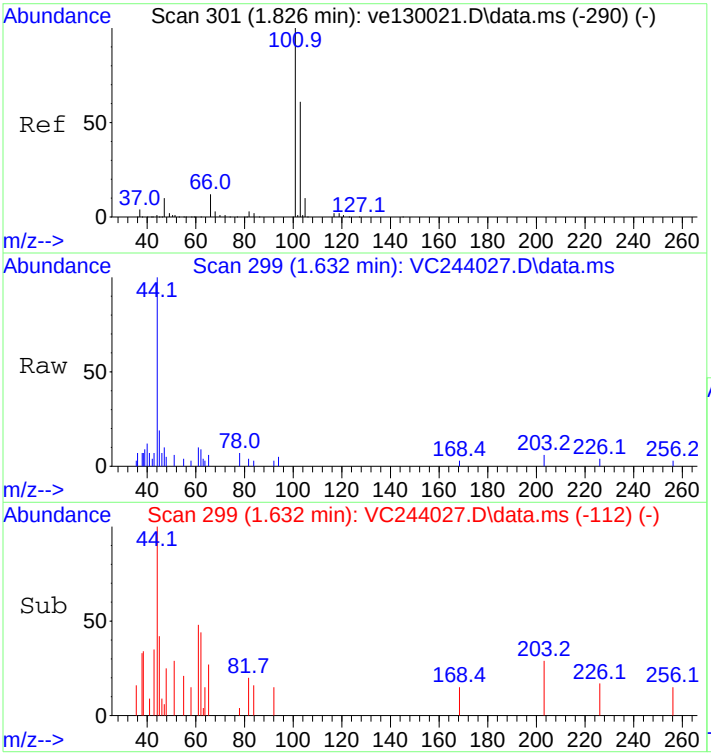
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.412	168	266608	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	350852	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	194612	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	163202	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	148061	24.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.92%				
49) TOLUENE SS	5.606	98	349853	25.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	141761	24.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%				
Target Compounds							Qvalue
11) ETHANOL	1.632	45	1048	Below Cal		#	1
14) ACETONE	1.604	43	5254	3.52	UG/L	#	70
17) IODOMETHANE	1.663	142	780	0.94	UG/L	#	100
31) 2-BUTANONE	2.873	43	2244m	1.00	UG/L		
45) BENZENE	3.729	78	3384	0.15	UG/L	#	91
61) TOLUENE	5.673	91	4190	0.18	UG/L		87

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

Data Path : X:\1\DATA\090111\
Data File : VC244027.D
Acq On : 1 Sep 2011 7:53 pm
Operator :
Sample : 11H1080-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 02 08:35:05 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

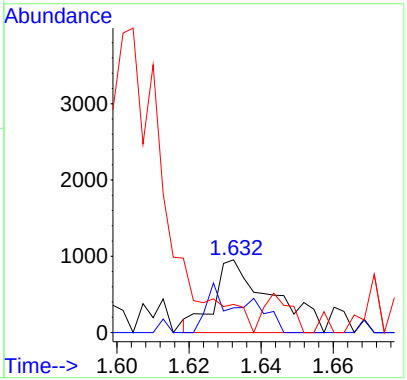


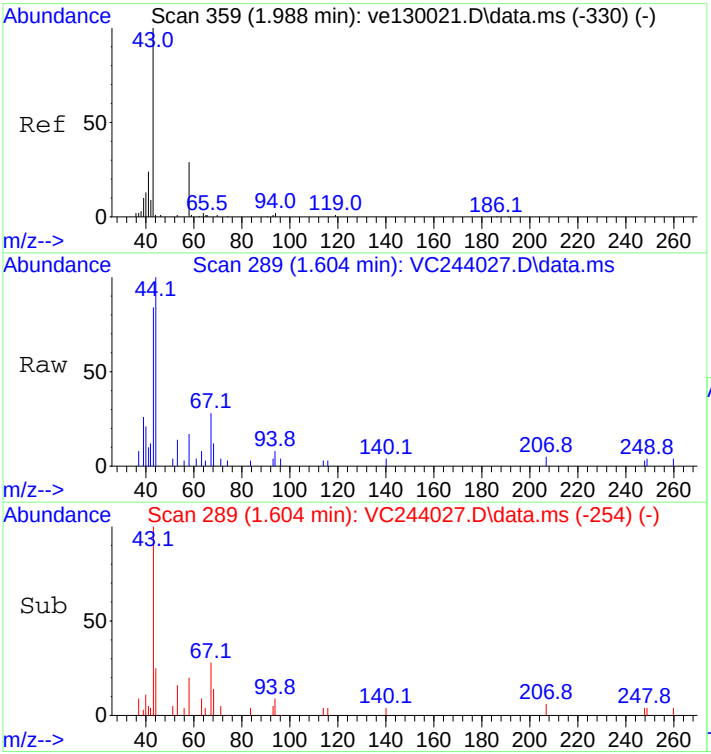


#11
ETHANOL
Concen: Below Cal
RT: 1.632 min Scan# 299
Delta R.T. 0.221 min
Lab File: VC244027.D
Acq: 1 Sep 2011 7:53 pm

Tgt Ion: 45 Resp: 1048

Ion	Ratio	Lower	Upper
45	100		
46	0.0	30.7	46.1#
43	501.3	17.5	26.3#

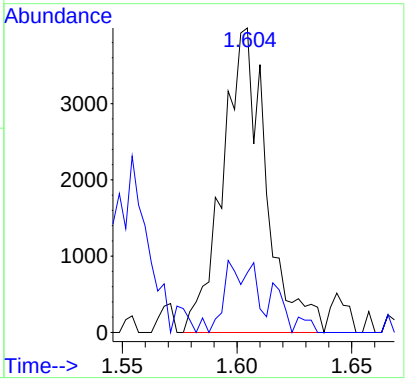


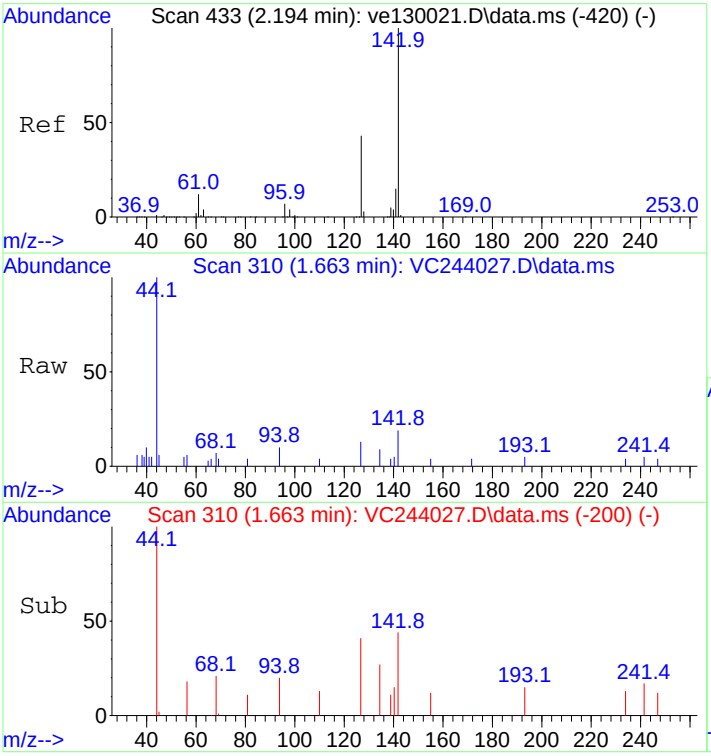


#14
ACETONE
Concen: 3.52 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC244027.D
Acq: 1 Sep 2011 7:53 pm

Tgt Ion: 43 Resp: 5254

Ion	Ratio	Lower	Upper
43	100		
58	9.6	19.5	29.3#

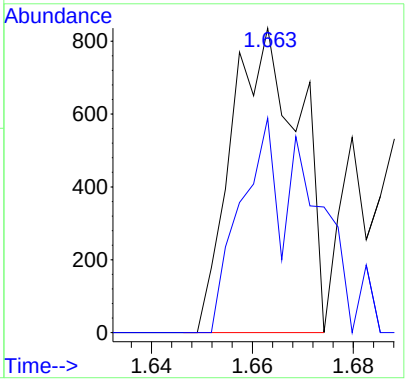


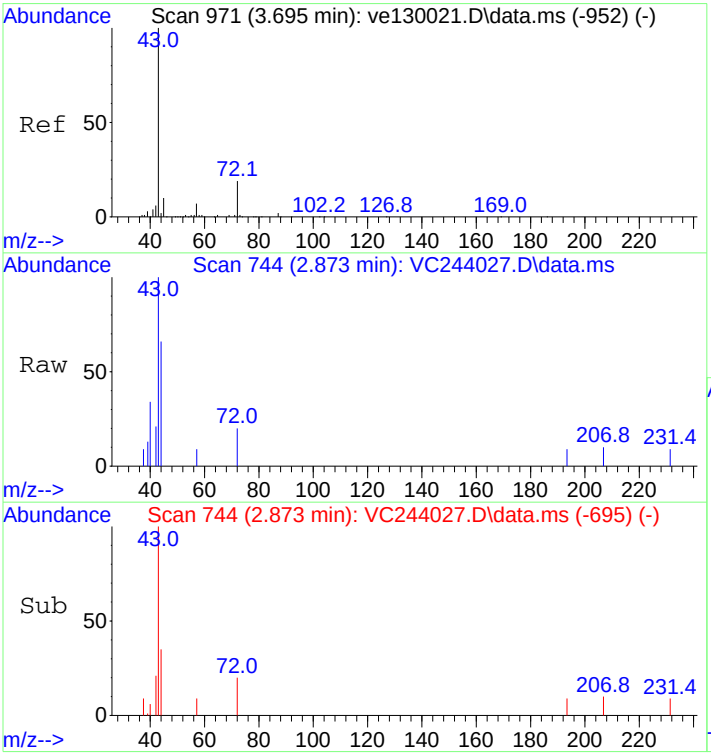


#17
IODOMETHANE
Concen: 0.94 UG/L
RT: 1.663 min Scan# 310
Delta R.T. 0.006 min
Lab File: VC244027.D
Acq: 1 Sep 2011 7:53 pm

Tgt Ion:142 Resp: 780

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

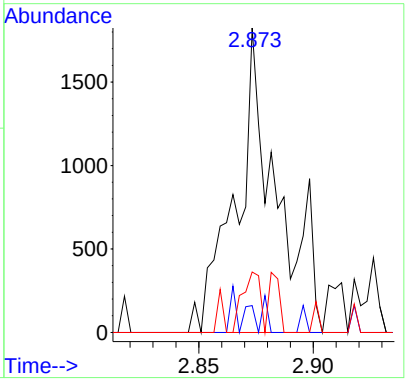


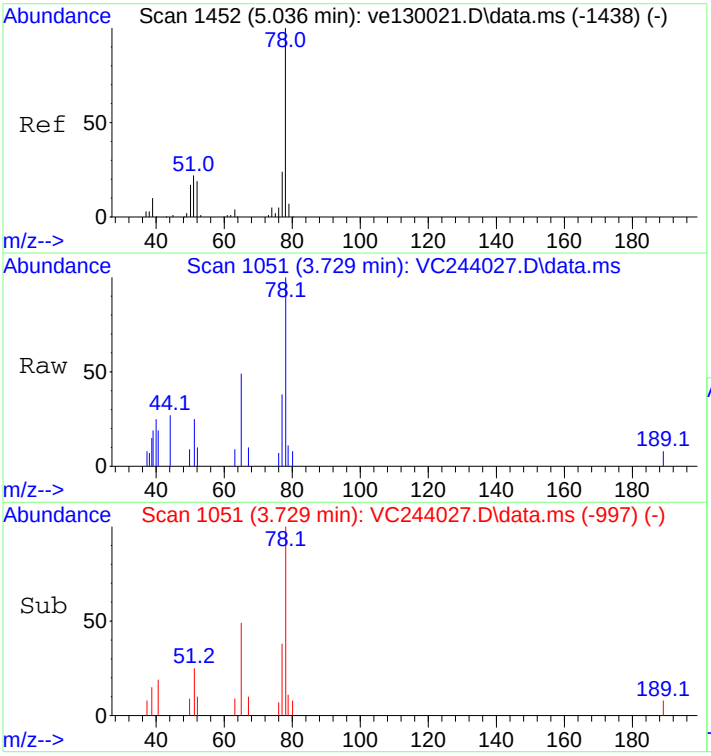


#31
2-BUTANONE
Concen: 1.00 UG/L m
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC244027.D
Acq: 1 Sep 2011 7:53 pm

Tgt Ion: 43 Resp: 2244

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.1	9.1#
72	0.0	18.2	27.4#

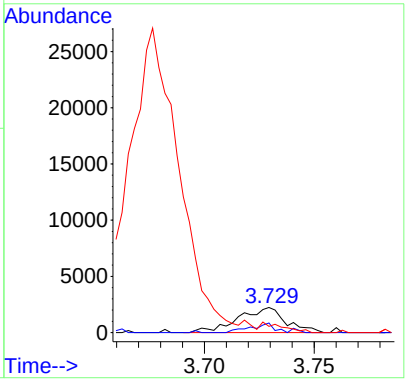


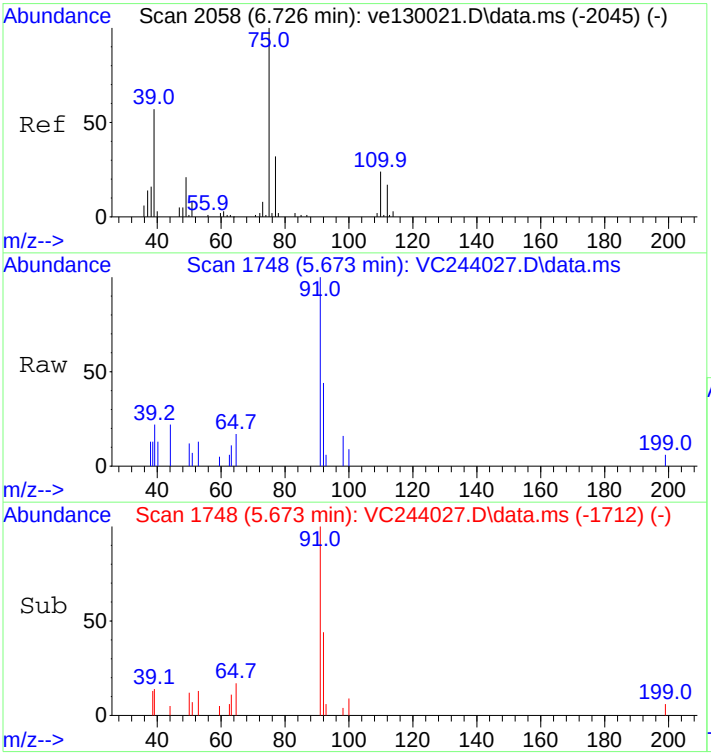


#45
BENZENE
Concen: 0.15 UG/L
RT: 3.729 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VC244027.D
Acq: 1 Sep 2011 7:53 pm

Tgt Ion: 78 Resp: 3384

Ion	Ratio	Lower	Upper
78	100		
77	18.6	18.8	28.2#
51	19.1	18.0	27.0

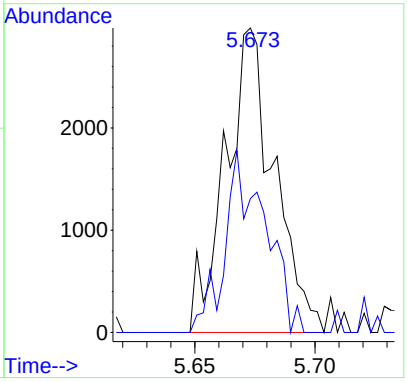




#61
TOLUENE
Concen: 0.18 UG/L
RT: 5.673 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VC244027.D
Acq: 1 Sep 2011 7:53 pm

Tgt Ion: 91 Resp: 4190

Ion	Ratio	Lower	Upper
91	100		
92	49.8	47.7	71.5



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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-07	File ID:	VC244028.D
Sampled:	08/24/11 12:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 20:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-07	File ID:	VC244028.D
Sampled:	08/24/11 12:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 20:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-07	File ID:	VC244028.D
Sampled:	08/24/11 12:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 20:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-07	File ID:	VC244028.D
Sampled:	08/24/11 12:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 20:23
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244028.D
Acq On : 1 Sep 2011 8:23 pm
Operator :
Sample : 11H1080-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 02 08:38:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

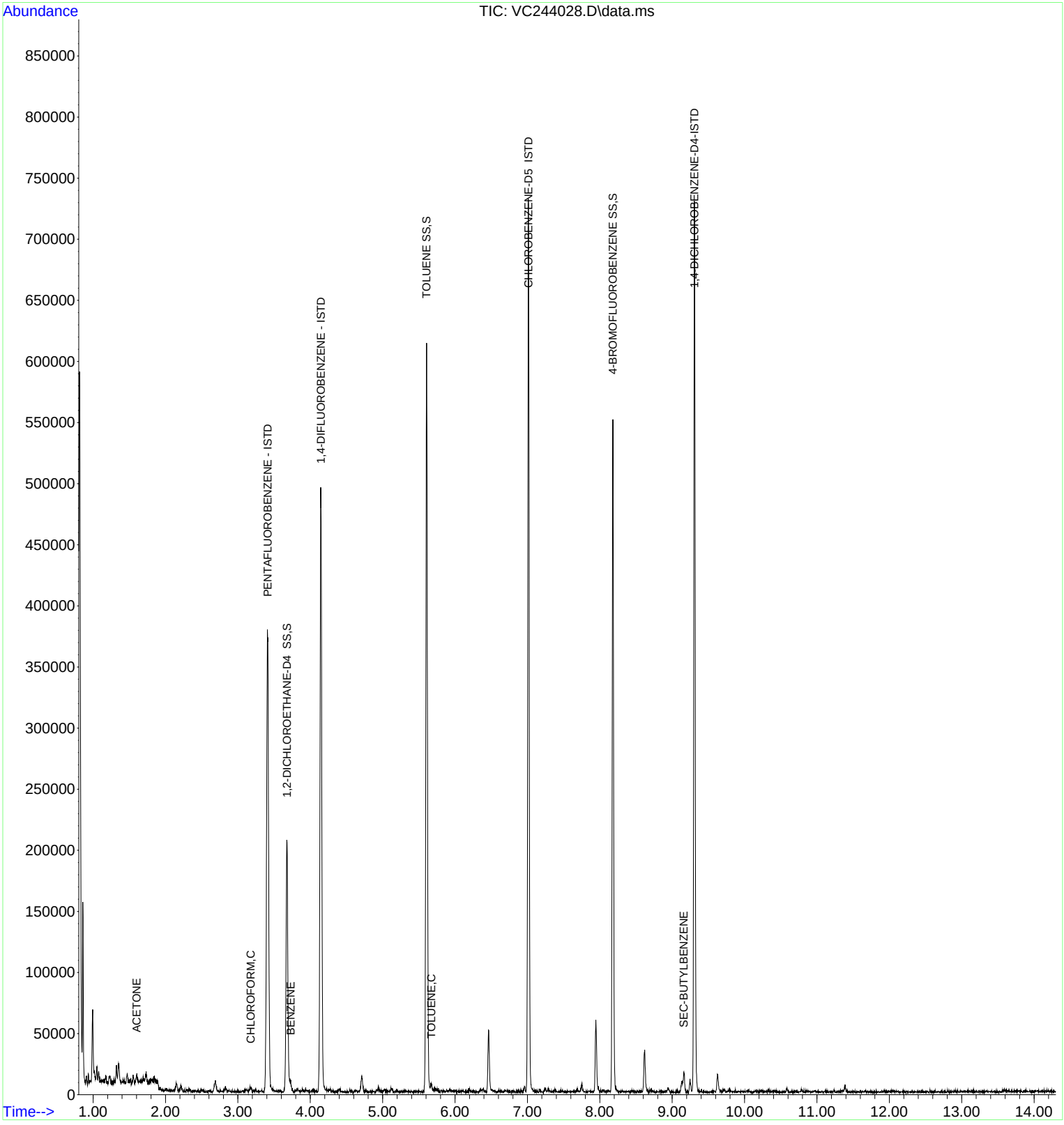
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	255023	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	334758	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	186523	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	156951	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	142337	25.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%			
49) TOLUENE SS	5.606	98	327568	25.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	133614	24.29	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.16%			
Target Compounds						Qvalue
14) ACETONE	1.602	43	3762	2.63	UG/L	95
40) CHLOROFORM	3.177	83	2734m	0.23	UG/L	
45) BENZENE	3.729	78	4496	0.21	UG/L	# 1
61) TOLUENE	5.670	91	2906m	0.13	UG/L	
92) SEC-BUTYLBENZENE	9.159	105	9593	0.48	UG/L	98

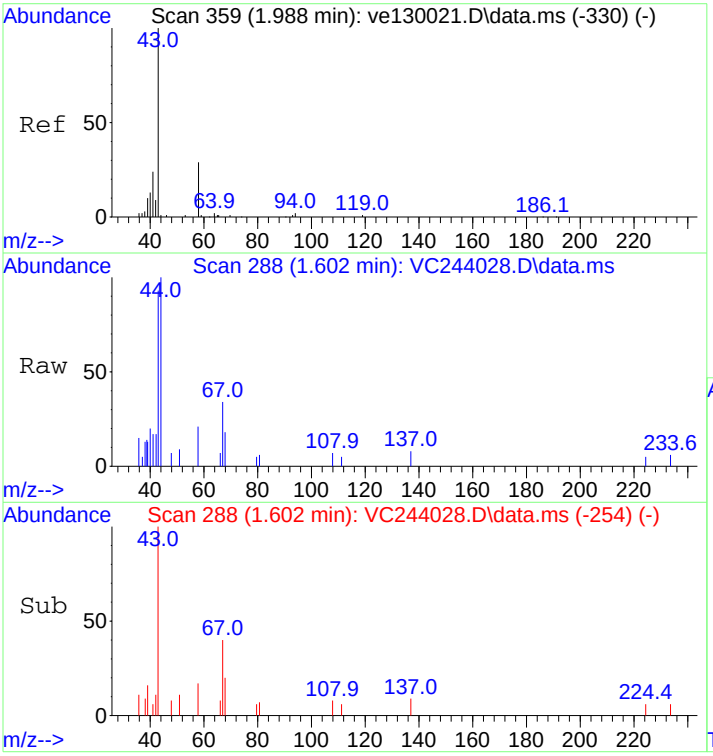
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244028.D
Acq On : 1 Sep 2011 8:23 pm
Operator :
Sample : 11H1080-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 02 08:38:43 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

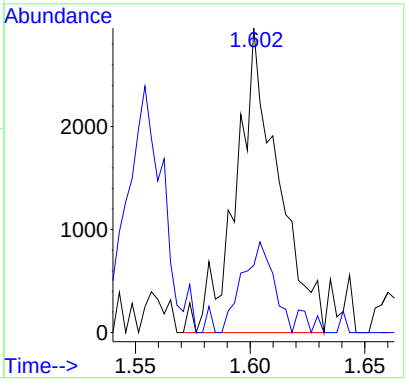


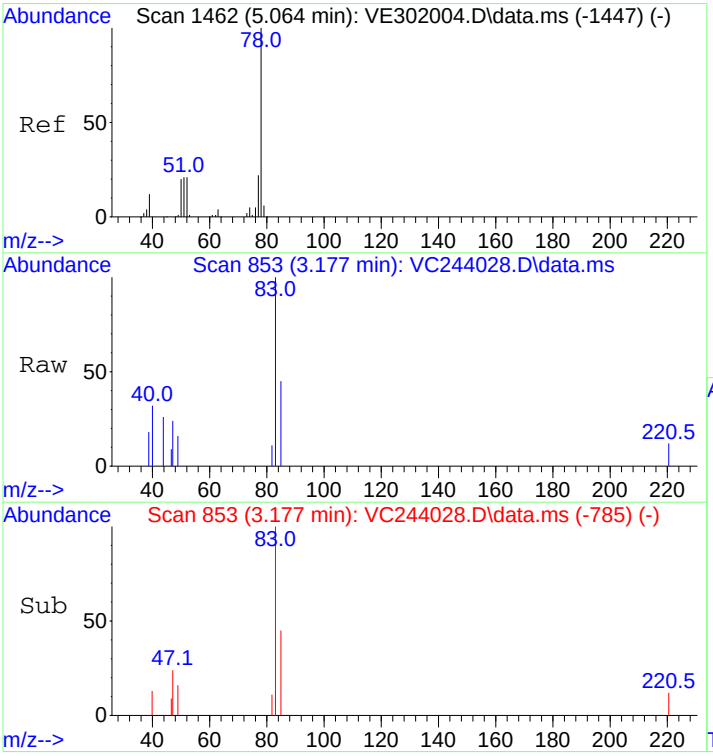


#14
ACETONE
Concen: 2.63 UG/L
RT: 1.602 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC244028.D
Acq: 1 Sep 2011 8:23 pm

Tgt Ion: 43 Resp: 3762

Ion	Ratio	Lower	Upper
43	100		
58	22.1	19.5	29.3

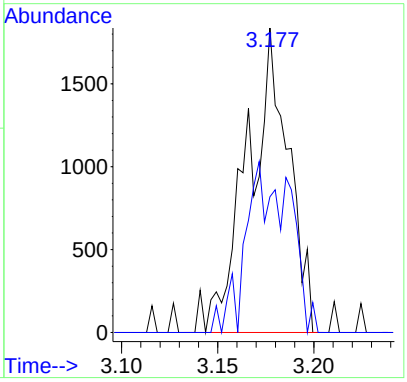


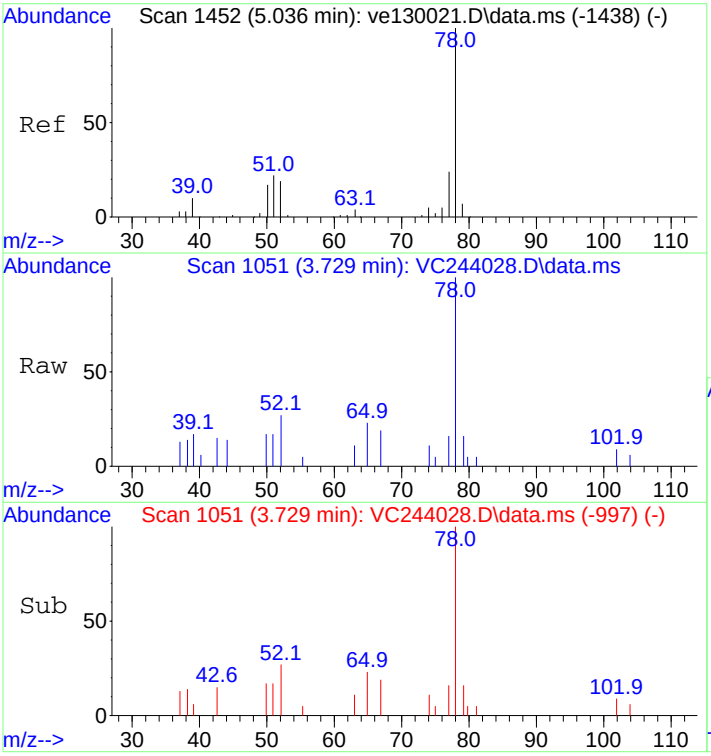


#40
CHLOROFORM
Concen: 0.23 UG/L m
RT: 3.177 min Scan# 853
Delta R.T. 0.000 min
Lab File: VC244028.D
Acq: 1 Sep 2011 8:23 pm

Tgt Ion: 83 Resp: 2734

Ion	Ratio	Lower	Upper
83	100		
85	0.0	49.8	74.8#

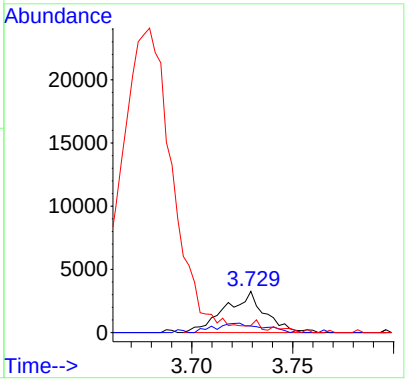


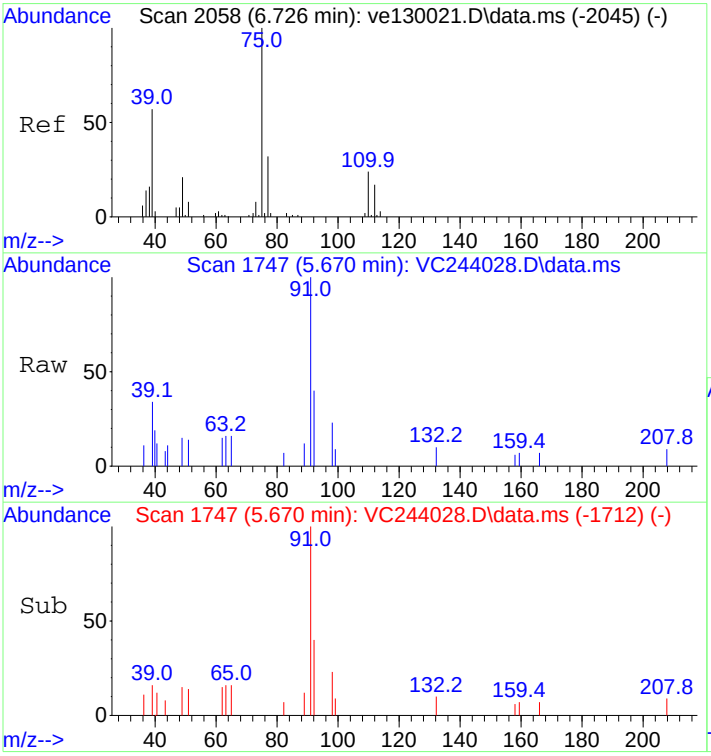


#45
BENZENE
Concen: 0.21 UG/L
RT: 3.729 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VC244028.D
Acq: 1 Sep 2011 8:23 pm

Tgt Ion: 78 Resp: 4496

Ion	Ratio	Lower	Upper
78	100		
77	27.4	18.8	28.2
51	942.3	18.0	27.0#

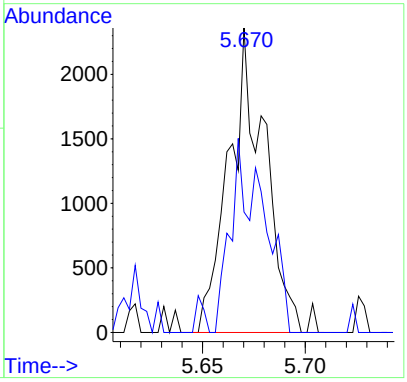


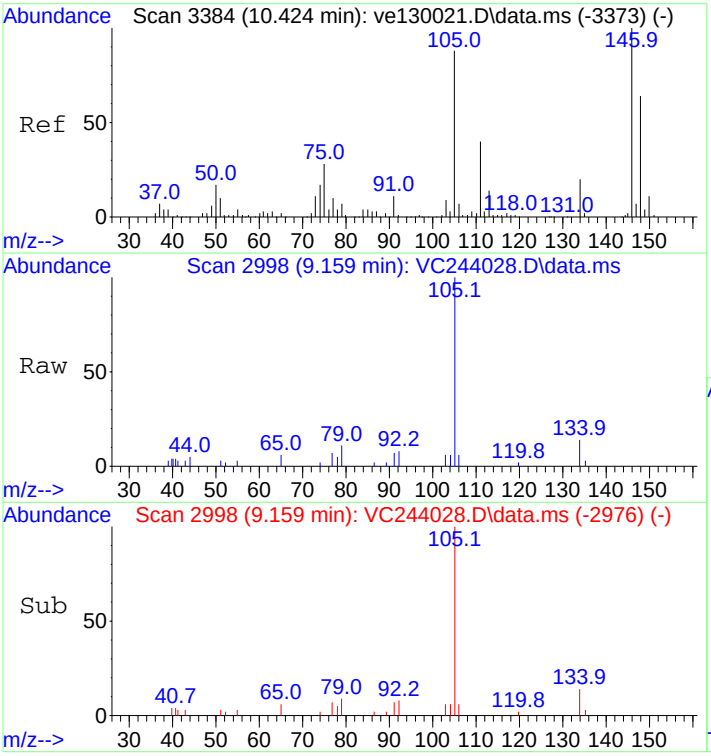


#61
TOLUENE
Concen: 0.13 UG/L m
RT: 5.670 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VC244028.D
Acq: 1 Sep 2011 8:23 pm

Tgt Ion: 91 Resp: 2906

Ion	Ratio	Lower	Upper
91	100		
92	30.0	47.7	71.5#

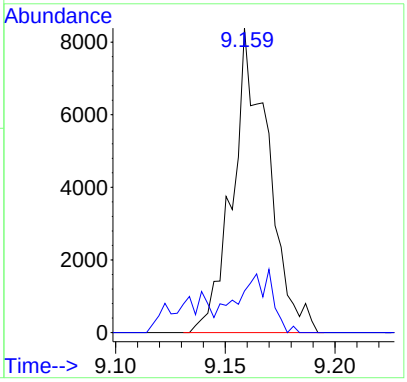




#92
SEC-BUTYLBENZENE
Concen: 0.48 UG/L
RT: 9.159 min Scan# 2998
Delta R.T. -0.006 min
Lab File: VC244028.D
Acq: 1 Sep 2011 8:23 pm

Tgt Ion:105 Resp: 9593

Ion	Ratio	Lower	Upper
105	100		
134	19.7	15.0	22.4



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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-08	File ID:	VC244029.D
Sampled:	08/24/11 13:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-08	File ID:	VC244029.D
Sampled:	08/24/11 13:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-08	File ID:	VC244029.D
Sampled:	08/24/11 13:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	1.8	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-08	File ID:	VC244029.D
Sampled:	08/24/11 13:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244029.D
Acq On : 1 Sep 2011 8:54 pm
Operator :
Sample : 11H1080-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 02 08:43:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

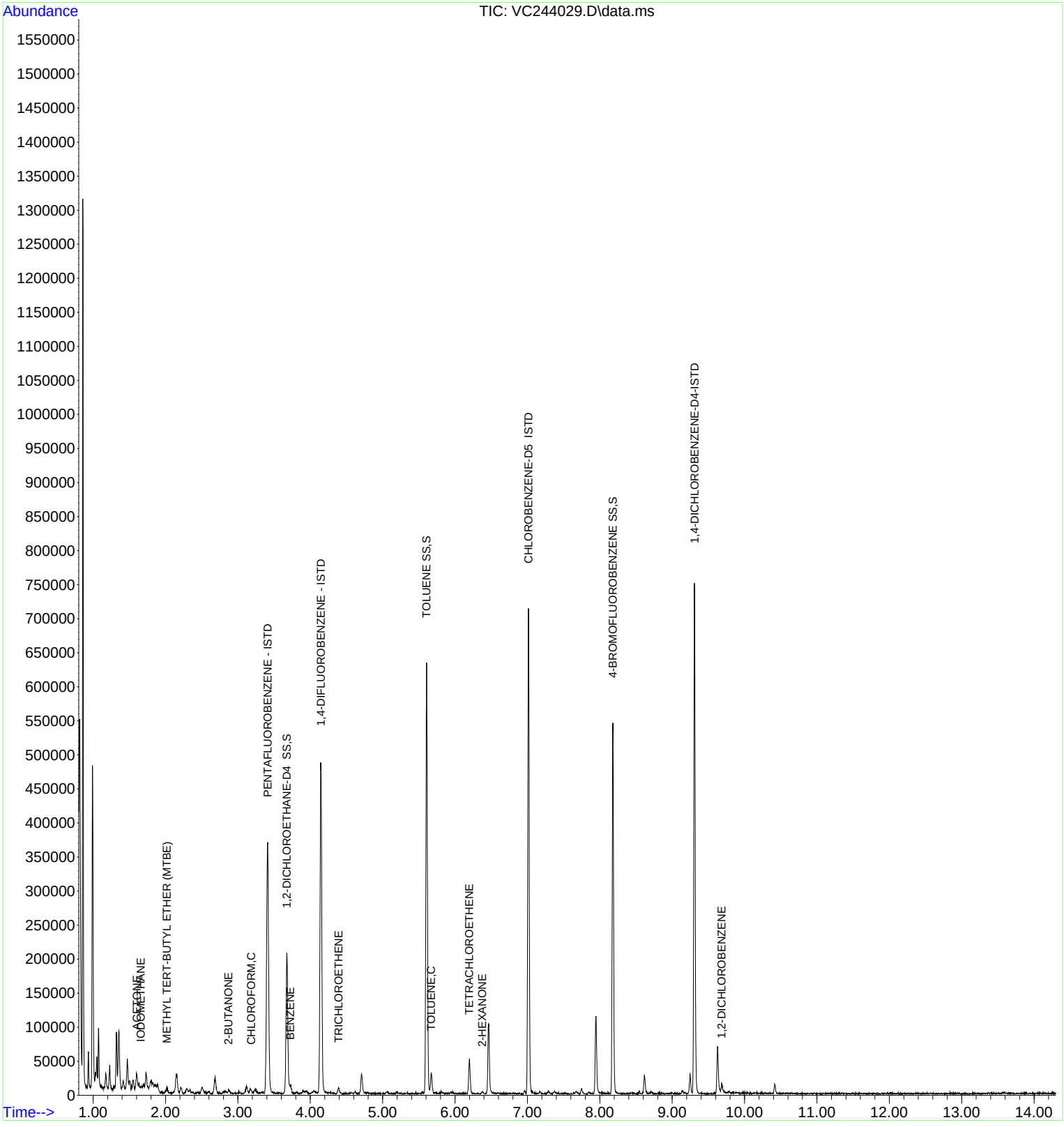
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	250551	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	333662	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	183383	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	159510	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	143844	25.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.28%				
49) TOLUENE SS	5.606	98	330396	25.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	133020	24.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%				
Target Compounds							Qvalue
14) ACETONE	1.604	43	12623	8.99	UG/L	#	74
17) IODOMETHANE	1.657	142	1076m	0.98	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.020	73	1697m	0.10	UG/L		
31) 2-BUTANONE	2.870	43	6293	2.99	UG/L	#	92
40) CHLOROFORM	3.183	83	4274	0.36	UG/L		97
45) BENZENE	3.724	78	7676m	0.36	UG/L		
51) TRICHLOROETHENE	4.390	95	1966	0.32	UG/L		91
61) TOLUENE	5.667	91	16085	0.73	UG/L		99
65) 2-HEXANONE	6.376	43	1641	0.54	UG/L		97
66) TETRACHLOROETHENE	6.197	166	11859	1.82	UG/L		98
97) 1,2-DICHLOROBENZENE	9.683	146	3456	0.31	UG/L	#	84

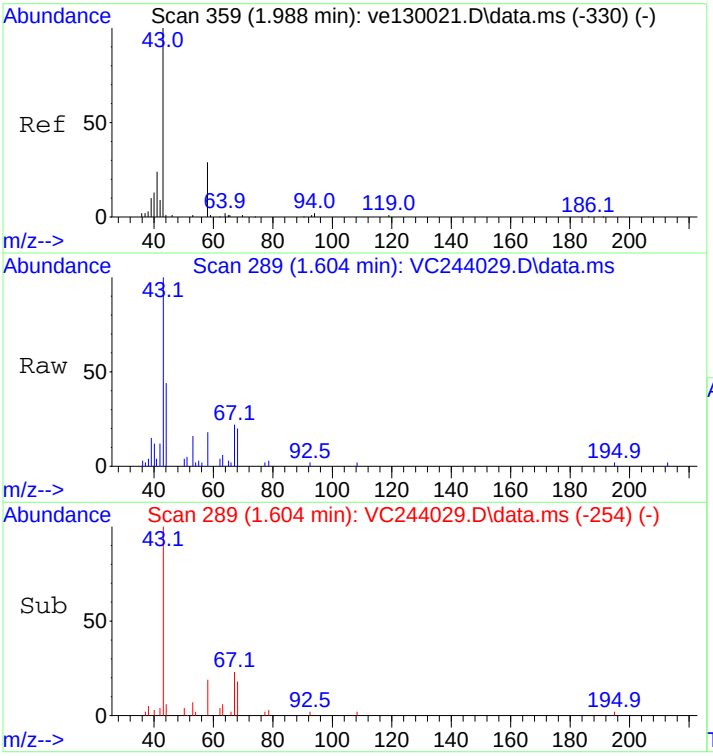
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244029.D
Acq On : 1 Sep 2011 8:54 pm
Operator :
Sample : 11H1080-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 02 08:43:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

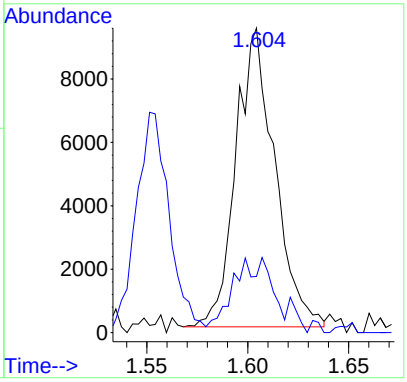


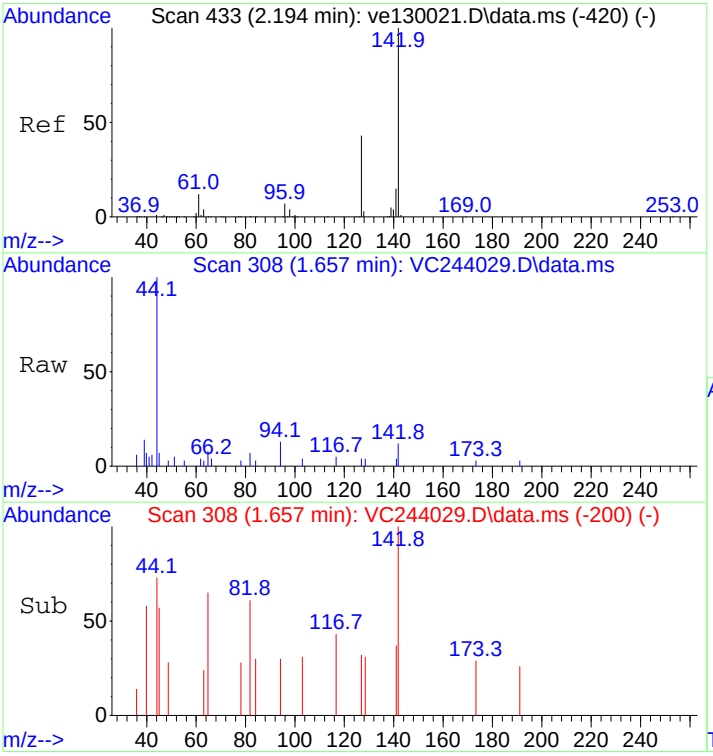


#14
ACETONE
Concen: 8.99 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion: 43 Resp: 12623

Ion	Ratio	Lower	Upper
43	100		
58	11.4	19.5	29.3#

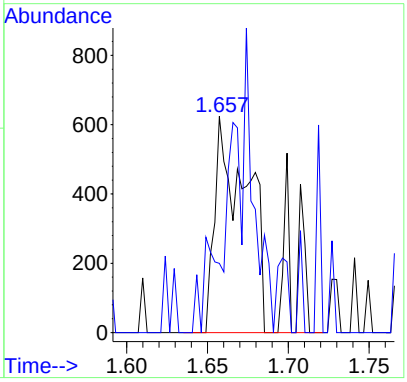


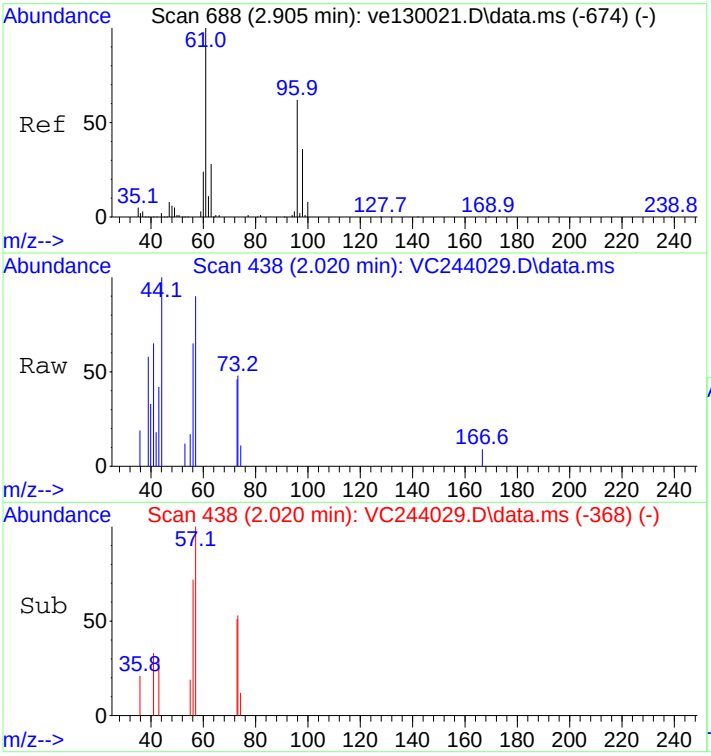


#17
IODOMETHANE
Concen: 0.98 UG/L m
RT: 1.657 min Scan# 308
Delta R.T. 0.000 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion:142 Resp: 1076

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

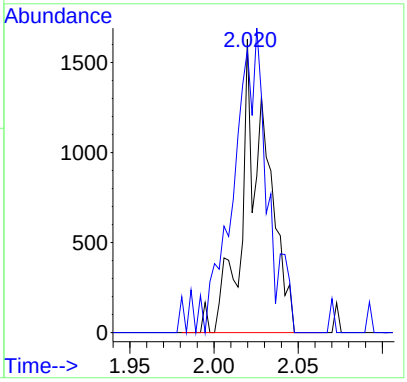


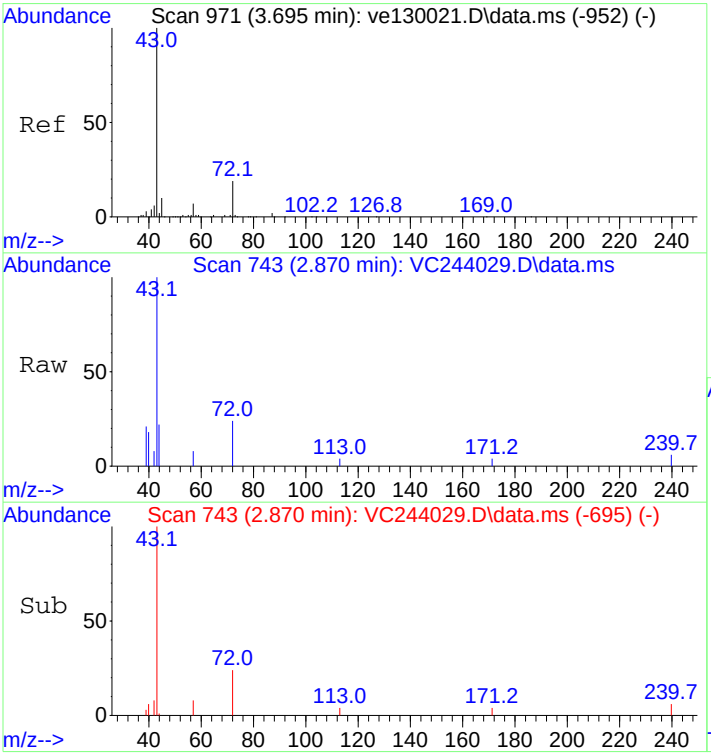


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.10 UG/L m
RT: 2.020 min Scan# 438
Delta R.T. -0.006 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion: 73 Resp: 1697

Ion	Ratio	Lower	Upper
73	100		
57	139.0	15.7	23.5#

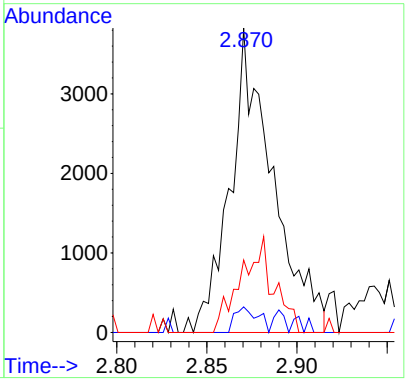


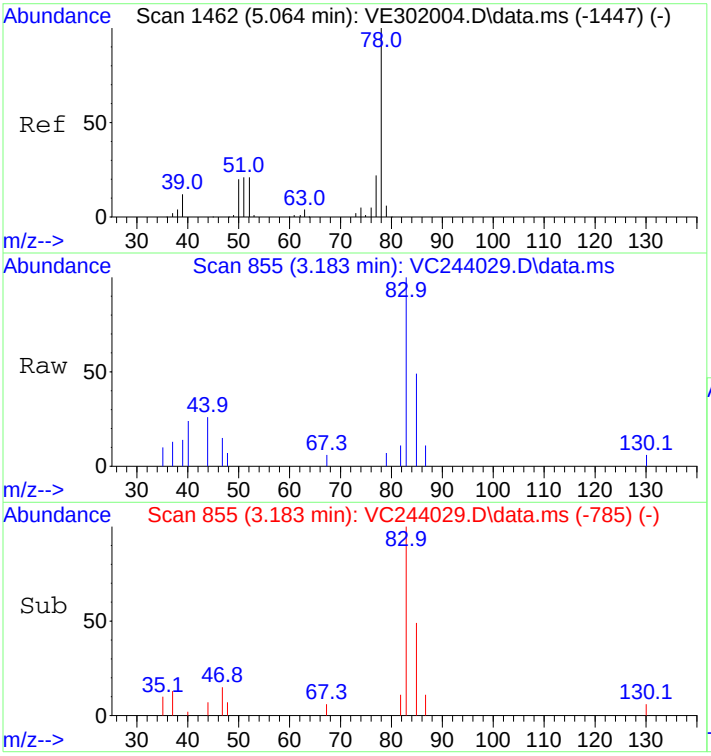


#31
2-BUTANONE
Concen: 2.99 UG/L
RT: 2.870 min Scan# 743
Delta R.T. 0.000 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion: 43 Resp: 6293

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.1	9.1#
72	24.2	18.2	27.4

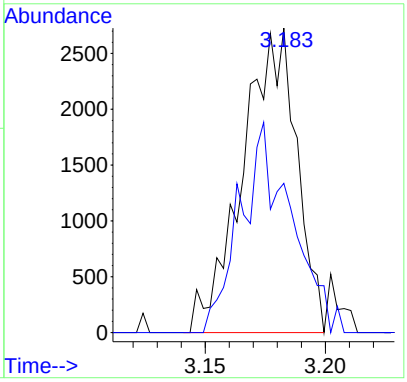


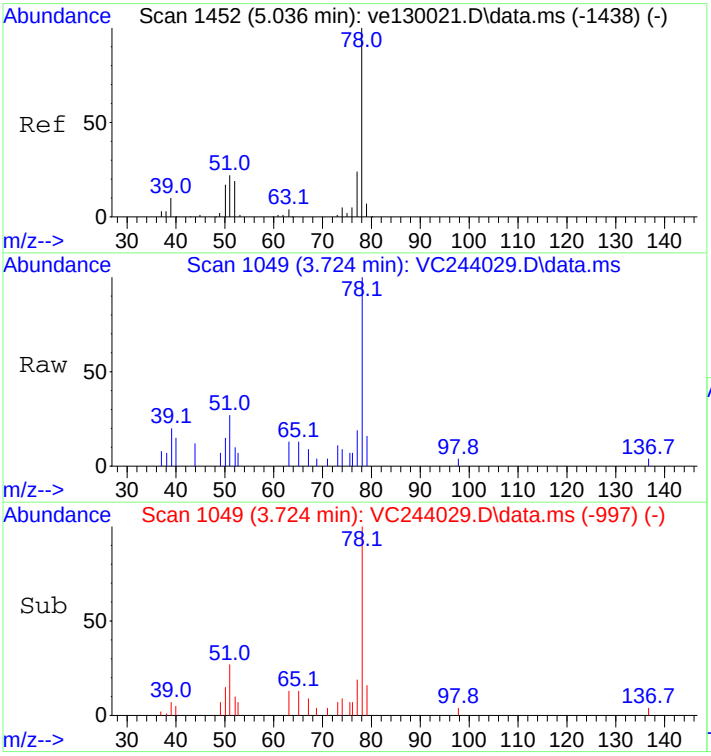


#40
CHLOROFORM
Concen: 0.36 UG/L
RT: 3.183 min Scan# 855
Delta R.T. 0.006 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion: 83 Resp: 4274

Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.8	74.8

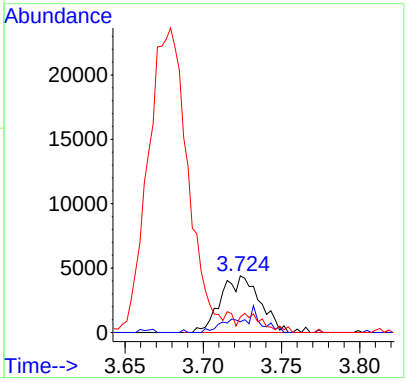


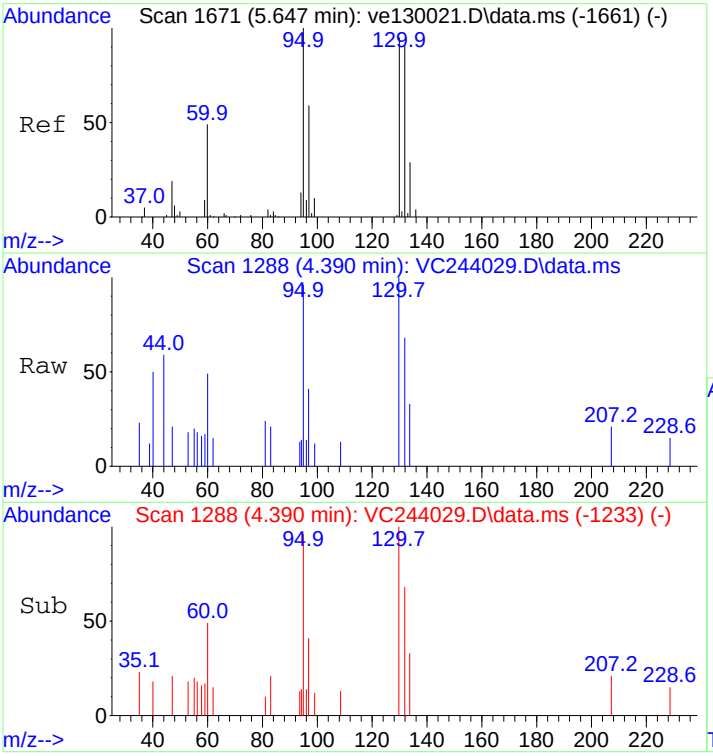


#45
BENZENE
Concen: 0.36 UG/L m
RT: 3.724 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion: 78 Resp: 7676

Ion	Ratio	Lower	Upper
78	100		
77	12.6	18.8	28.2#
51	544.3	18.0	27.0#

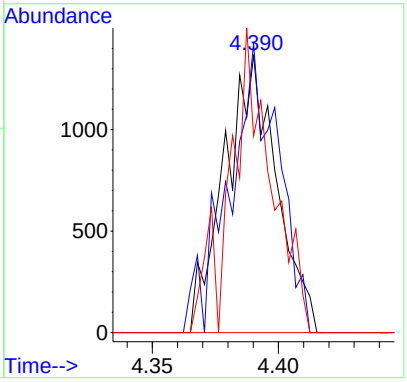


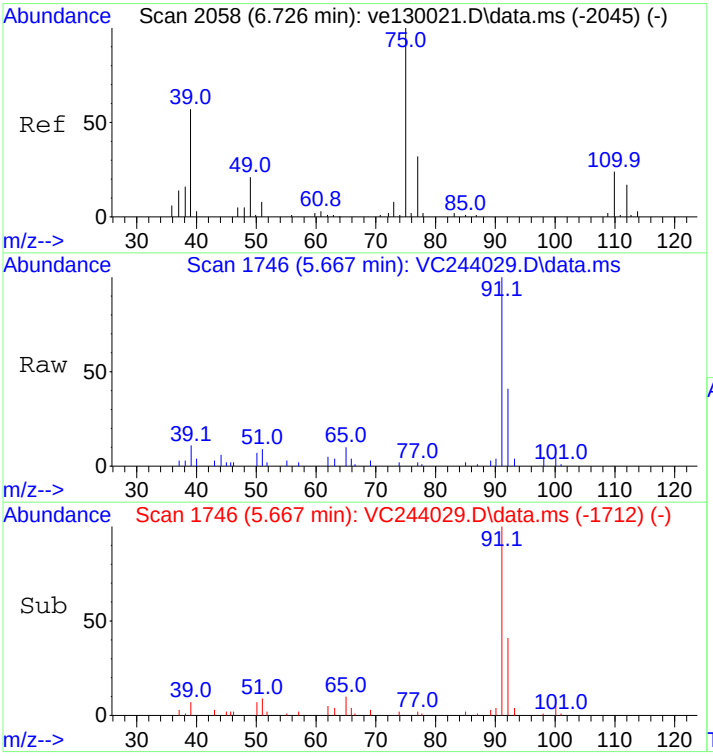


#51
TRICHLOROETHENE
Concen: 0.32 UG/L
RT: 4.390 min Scan# 1288
Delta R.T. 0.003 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion: 95 Resp: 1966

Ion	Ratio	Lower	Upper
95	100		
130	98.4	76.4	114.6
132	77.6	74.1	111.1

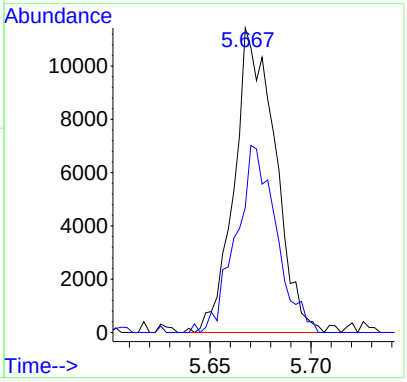


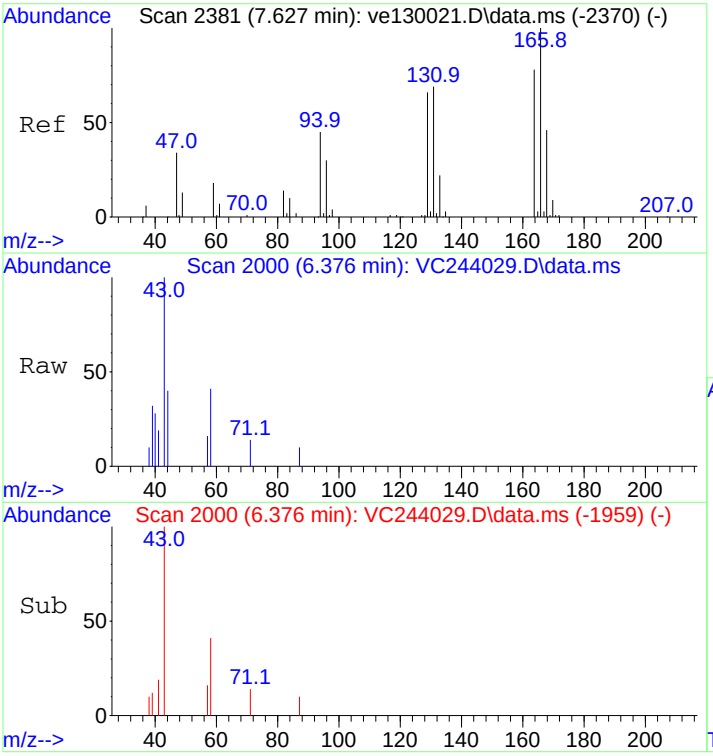


#61
TOLUENE
Concen: 0.73 UG/L
RT: 5.667 min Scan# 1746
Delta R.T. -0.006 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion: 91 Resp: 16085

Ion	Ratio	Lower	Upper
91	100		
92	60.3	47.7	71.5

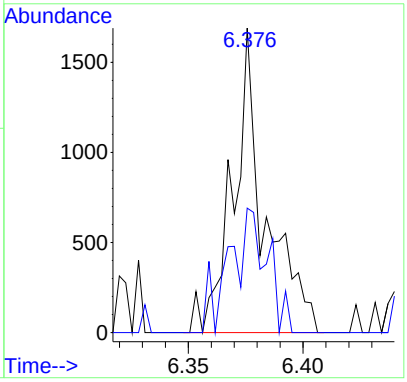


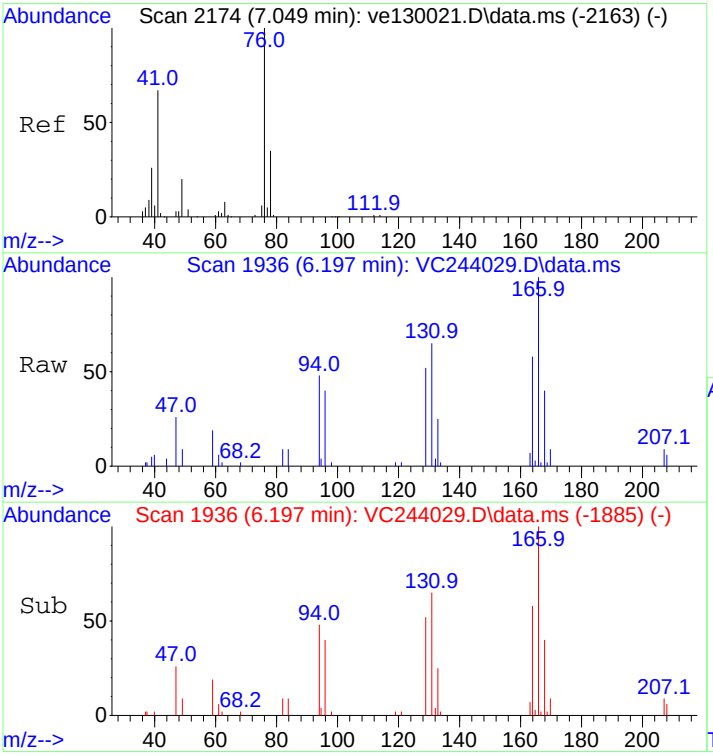


#65
2-HEXANONE
Concen: 0.54 UG/L
RT: 6.376 min Scan# 2000
Delta R.T. 0.004 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion: 43 Resp: 1641

Ion	Ratio	Lower	Upper
43	100		
58	48.5	40.3	60.5

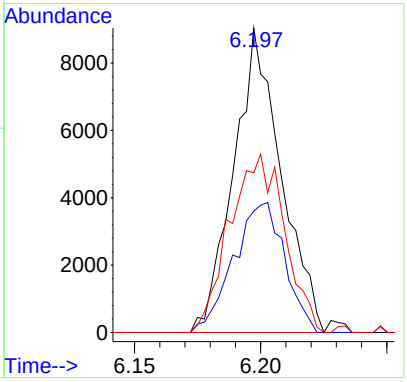


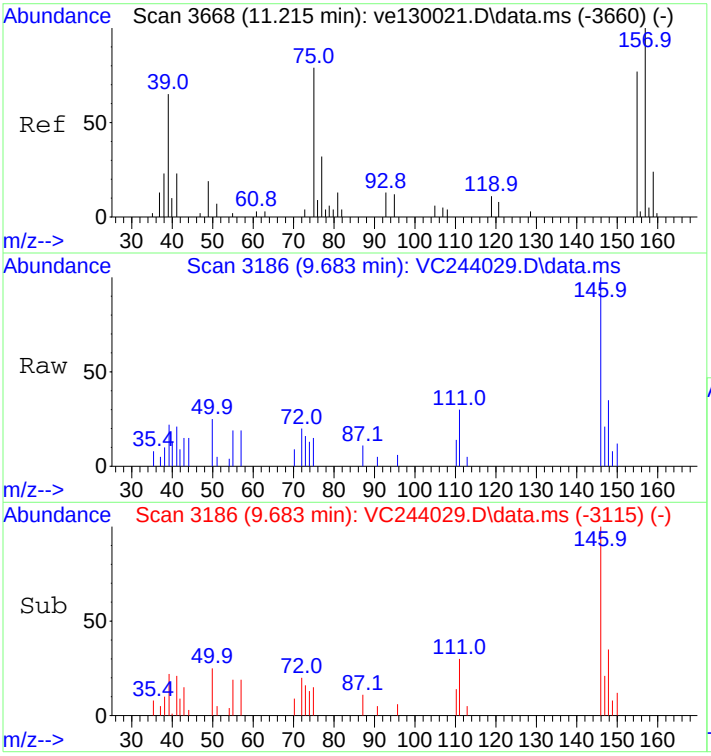


#66
TETRACHLOROETHENE
Concen: 1.82 UG/L
RT: 6.197 min Scan# 1936
Delta R.T. -0.003 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion:166 Resp: 11859

Ion	Ratio	Lower	Upper
166	100		
168	45.8	38.5	57.7
129	67.6	54.2	81.2

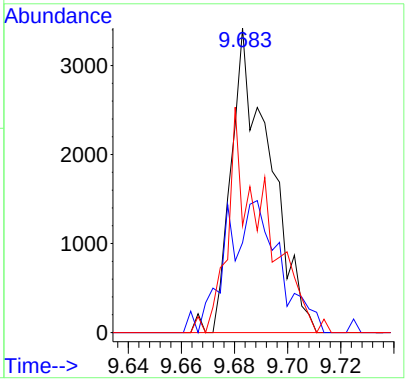




#97
1,2-DICHLOROBENZENE
Concen: 0.31 UG/L
RT: 9.683 min Scan# 3186
Delta R.T. -0.003 min
Lab File: VC244029.D
Acq: 1 Sep 2011 8:54 pm

Tgt Ion:146 Resp: 3456

Ion	Ratio	Lower	Upper
146	100		
111	60.0	32.2	48.2#
148	68.6	51.0	76.6



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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-09	File ID:	VC244030.D
Sampled:	08/24/11 16:00	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-09	File ID:	VC244030.D
Sampled:	08/24/11 16:00	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.4	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene	1.4	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-09	File ID:	VC244030.D
Sampled:	08/24/11 16:00	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	7.7	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	1.2	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-09	File ID:	VC244030.D
Sampled:	08/24/11 16:00	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244030.D
Acq On : 1 Sep 2011 9:24 pm
Operator :
Sample : 11H1080-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 02 08:46:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

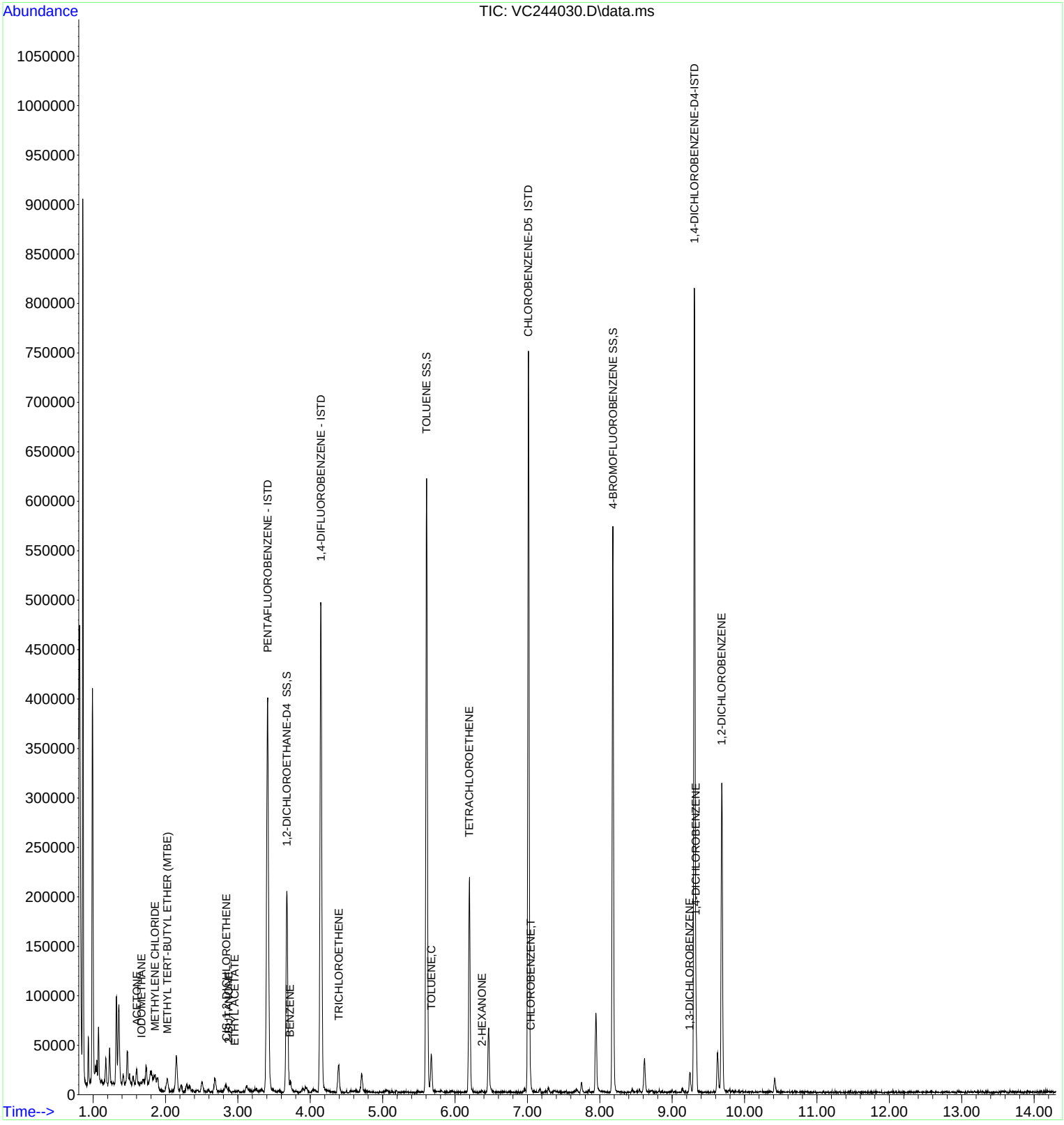
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	265358	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	342105	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	189563	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	169991	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	146776	24.88	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.52%				
49) TOLUENE SS	5.606	98	334701	25.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.24%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	139105	24.88	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.52%				
Target Compounds							Qvalue
14) ACETONE	1.604	43	8195	5.51	UG/L	#	82
17) IODOMETHANE	1.669	142	1242m	0.99	UG/L		
23) METHYLENE CHLORIDE	1.853	49	2638	0.34	UG/L	#	81
25) METHYL TERT-BUTYL ETHE...	2.026	73	6383	0.36	UG/L	#	9
31) 2-BUTANONE	2.873	43	4213m	1.89	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.840	61	2094	0.21	UG/L	#	72
35) ETHYL ACETATE	2.957	43	1278m	0.23	UG/L		
45) BENZENE	3.721	78	5788	0.26	UG/L	#	94
51) TRICHLOROETHENE	4.393	95	7438	1.18	UG/L		97
61) TOLUENE	5.673	91	20355	0.90	UG/L		99
65) 2-HEXANONE	6.373	43	1095	0.35	UG/L	#	27
66) TETRACHLOROETHENE	6.197	166	51685	7.72	UG/L		98
72) CHLOROBENZENE	7.045	112	4098	0.26	UG/L	#	83
93) 1,3-DICHLOROBENZENE	9.240	146	1369	0.11	UG/L	#	55
95) 1,4-DICHLOROBENZENE	9.326	146	18116	1.41	UG/L	#	91
97) 1,2-DICHLOROBENZENE	9.683	146	110171	9.35	UG/L		99

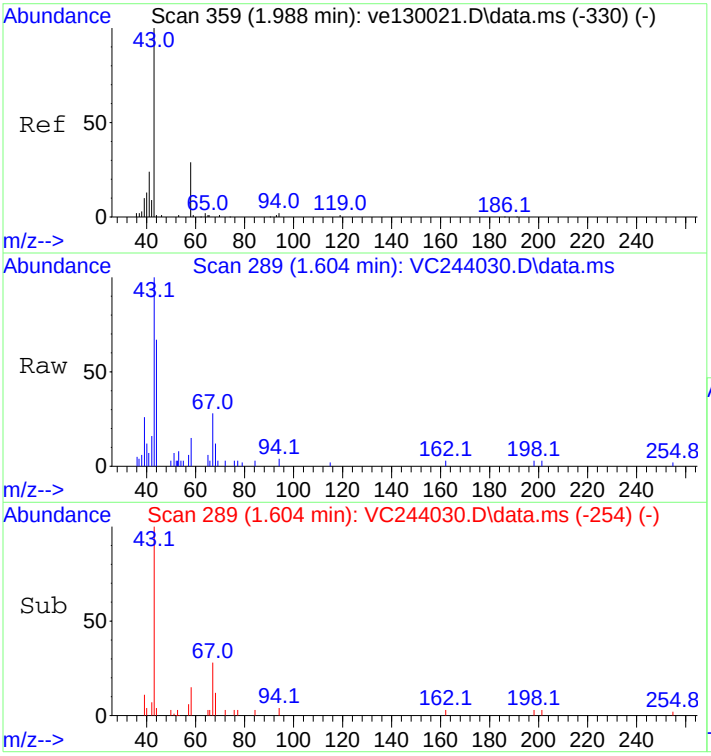
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244030.D
Acq On : 1 Sep 2011 9:24 pm
Operator :
Sample : 11H1080-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 02 08:46:34 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

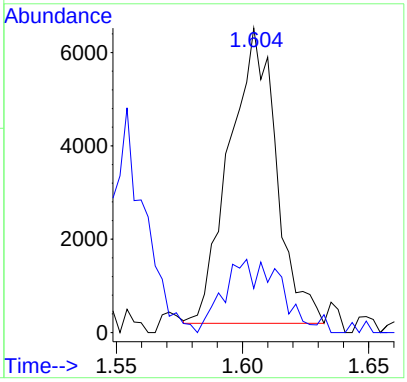


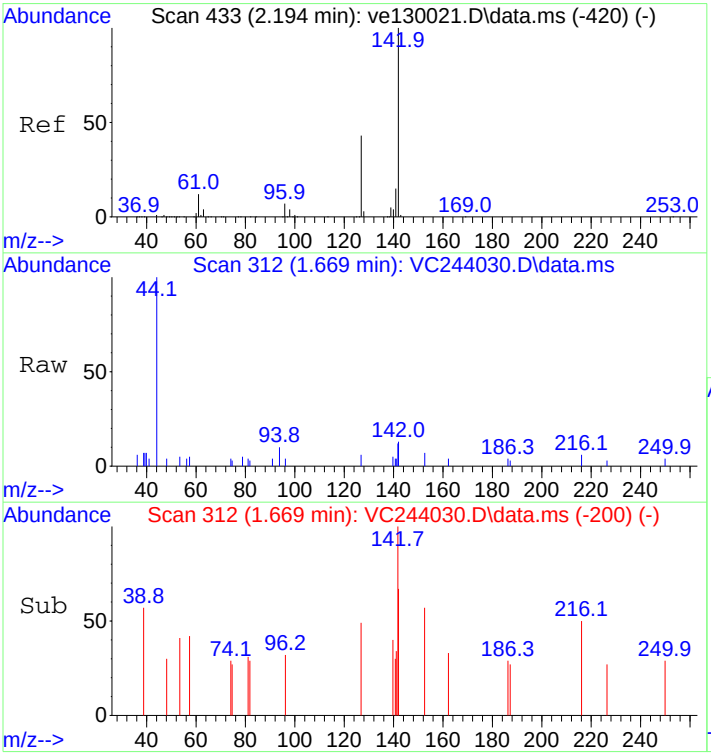


#14
ACETONE
Concen: 5.51 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 43 Resp: 8195

Ion	Ratio	Lower	Upper
43	100		
58	15.7	19.5	29.3#

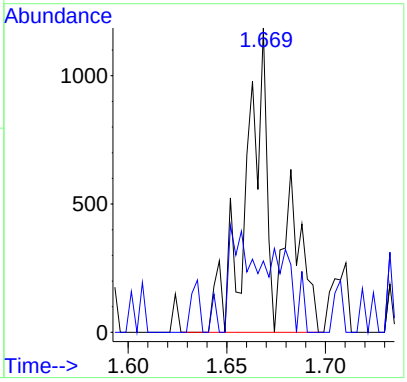


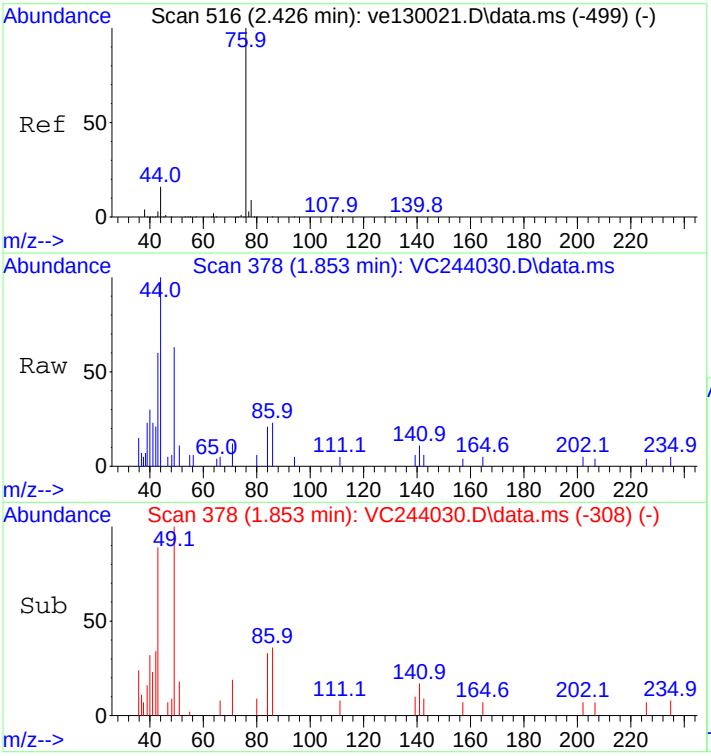


#17
IODOMETHANE
Concen: 0.99 UG/L m
RT: 1.669 min Scan# 312
Delta R.T. 0.012 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion:142 Resp: 1242

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

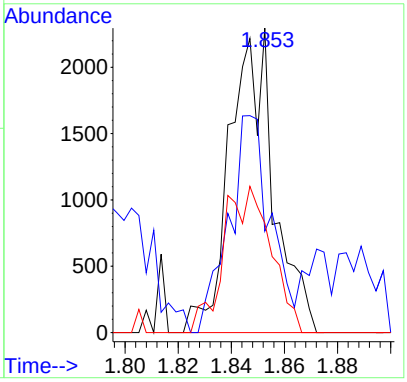


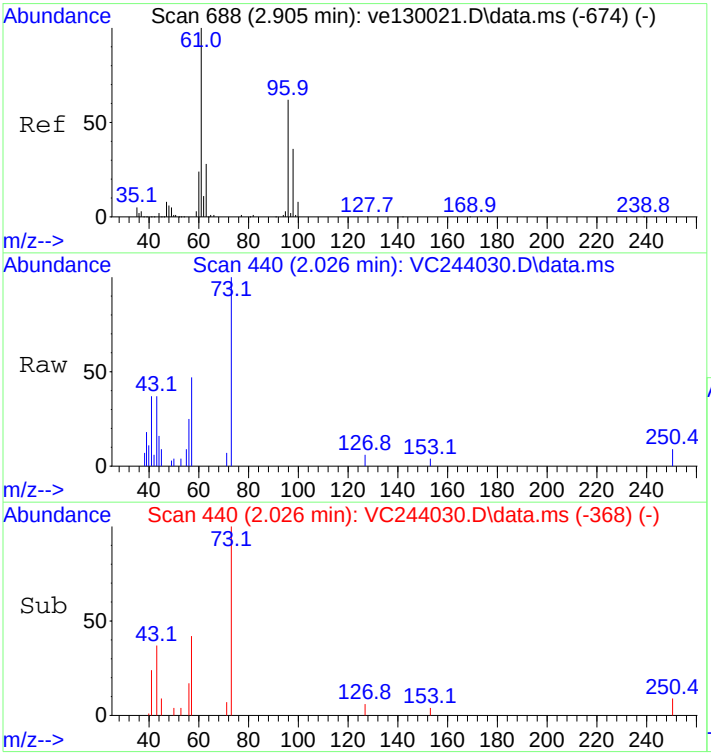


#23
METHYLENE CHLORIDE
Concen: 0.34 UG/L
RT: 1.853 min Scan# 378
Delta R.T. 0.007 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 49 Resp: 2638

Ion	Ratio	Lower	Upper
49	100		
84	67.4	60.6	91.0
86	24.2	38.0	57.0#

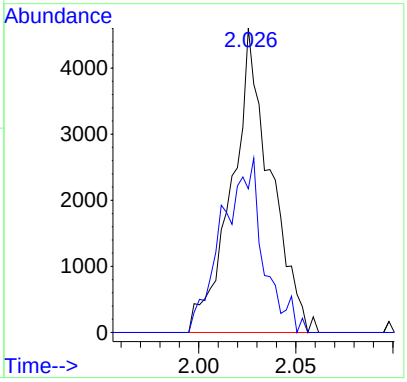


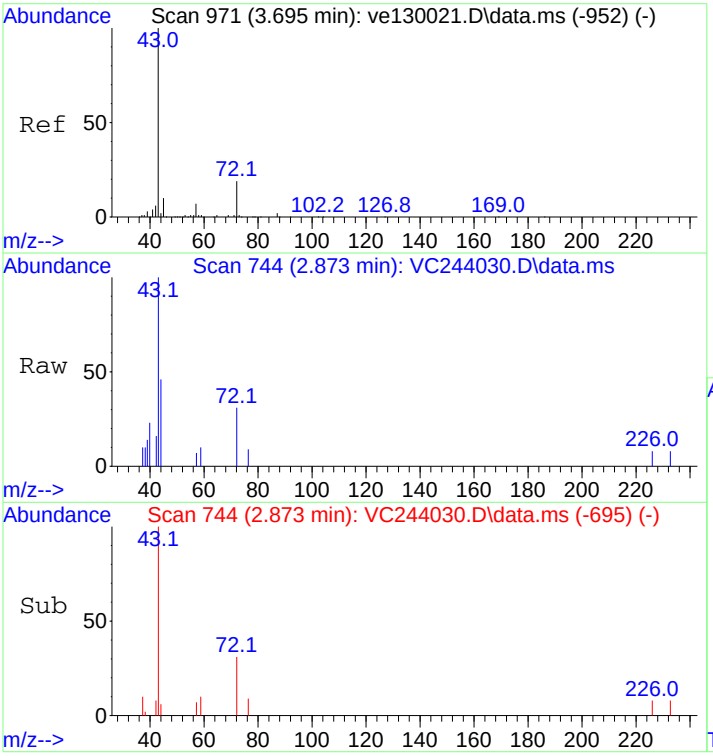


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.36 UG/L
RT: 2.026 min Scan# 440
Delta R.T. 0.000 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 73 Resp: 6383

Ion	Ratio	Lower	Upper
73	100		
57	61.0	15.7	23.5#

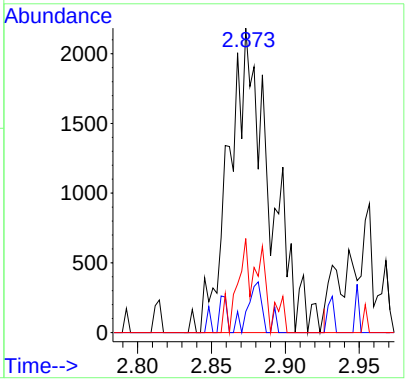


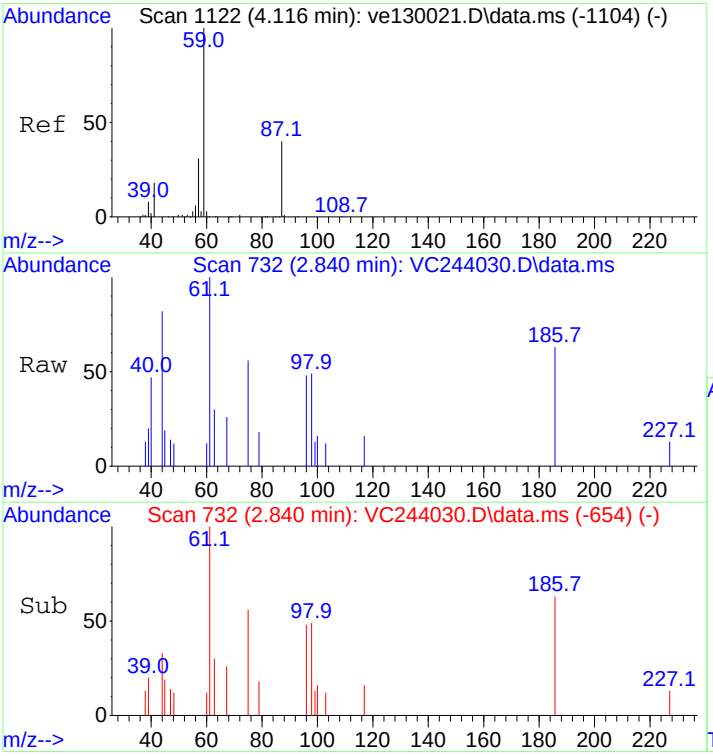


#31
2-BUTANONE
Concen: 1.89 UG/L m
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 43 Resp: 4213

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.1	9.1#
72	0.0	18.2	27.4#

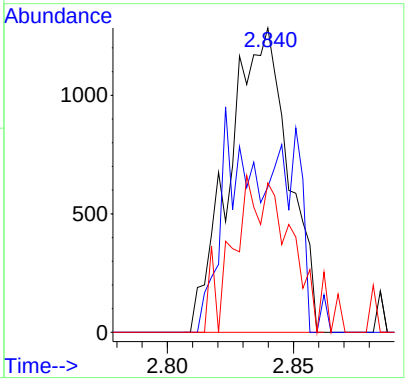


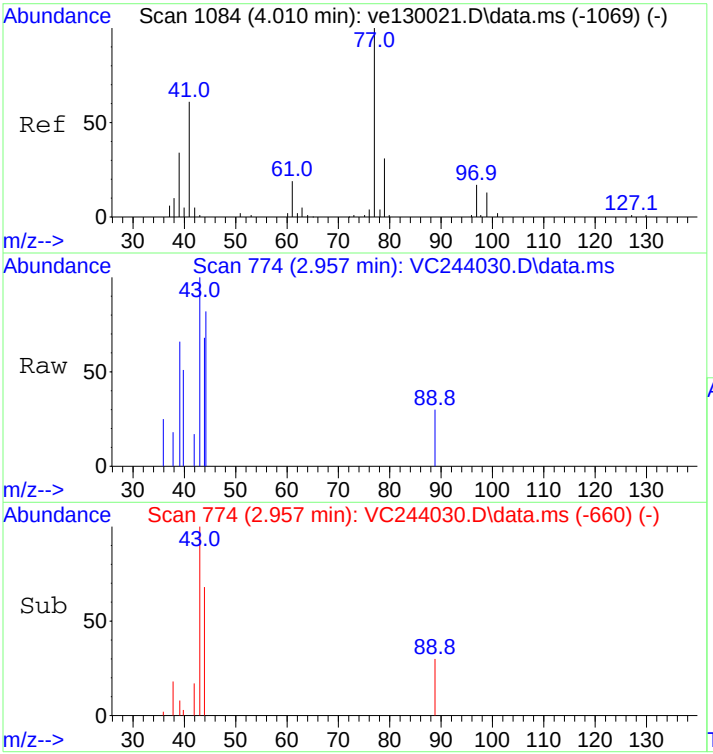


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.21 UG/L
RT: 2.840 min Scan# 732
Delta R.T. 0.003 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 61 Resp: 2094

Ion	Ratio	Lower	Upper
61	100		
96	38.5	49.3	73.9#
98	24.7	32.1	48.1#

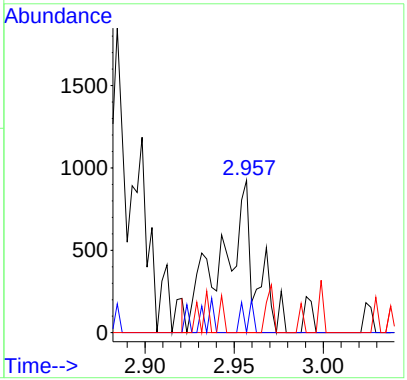


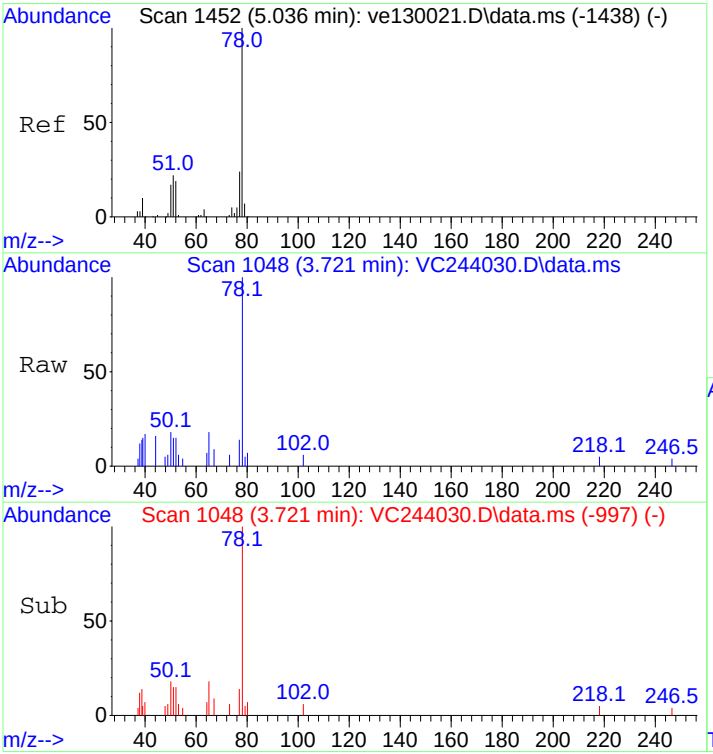


#35
ETHYL ACETATE
Concen: 0.23 UG/L m
RT: 2.957 min Scan# 774
Delta R.T. 0.017 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 43 Resp: 1278

Ion	Ratio	Lower	Upper
43	100		
61	163.8	10.2	15.2#
70	0.0	7.3	10.9#

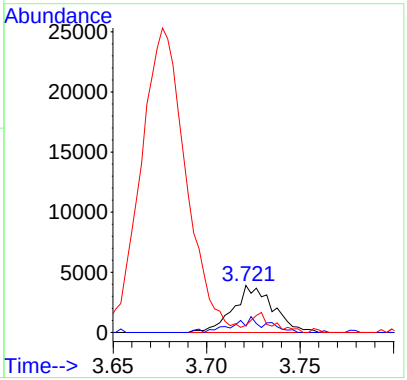


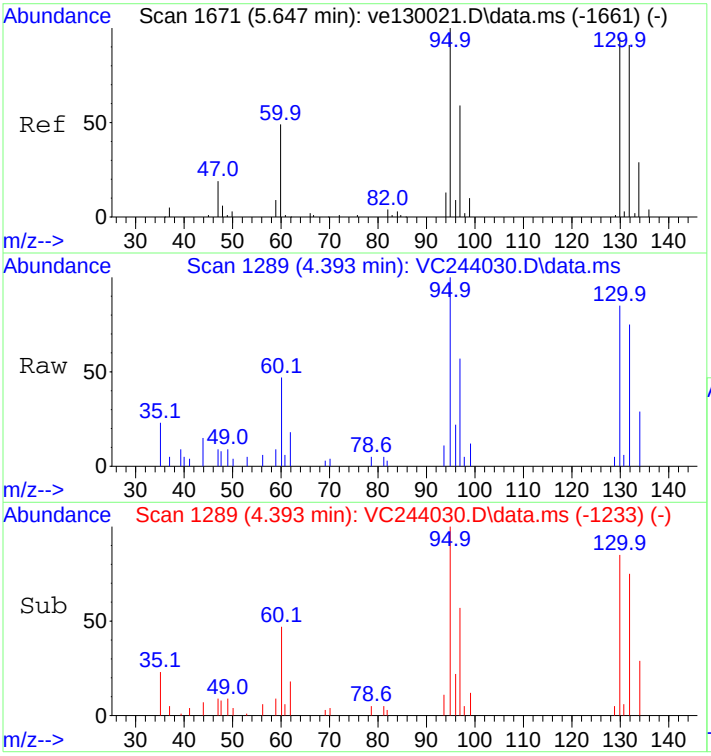


#45
BENZENE
Concen: 0.26 UG/L
RT: 3.721 min Scan# 1048
Delta R.T. -0.005 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 78 Resp: 5788

Ion	Ratio	Lower	Upper
78	100		
77	18.5	18.8	28.2#
51	22.9	18.0	27.0

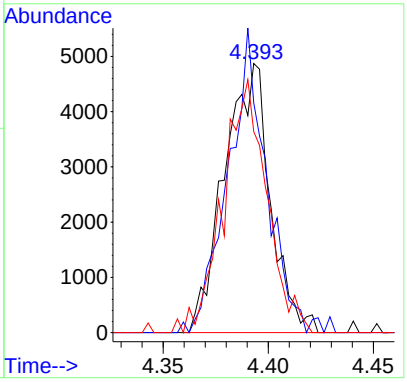


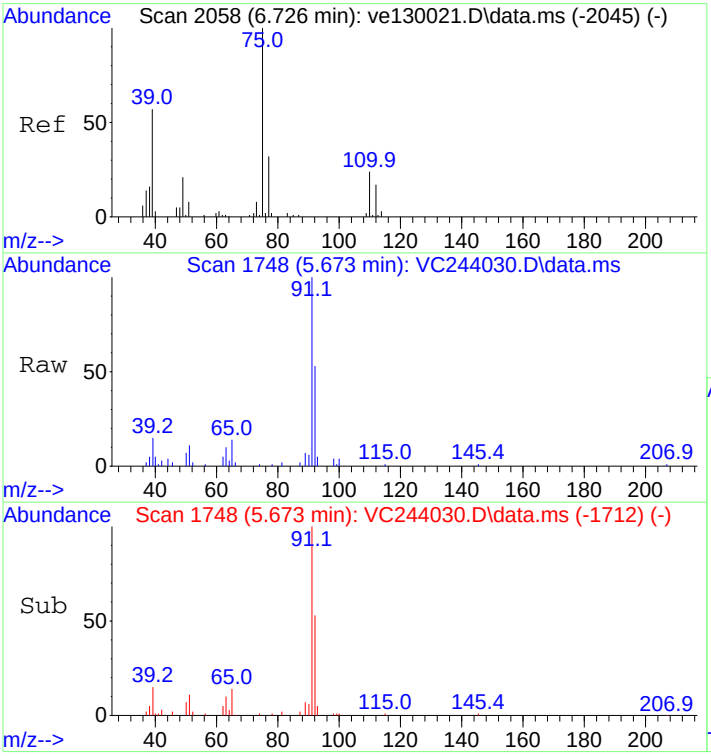


#51
TRICHLOROETHENE
Concen: 1.18 UG/L
RT: 4.393 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 95 Resp: 7438

Ion	Ratio	Lower	Upper
95	100		
130	93.1	76.4	114.6
132	88.8	74.1	111.1

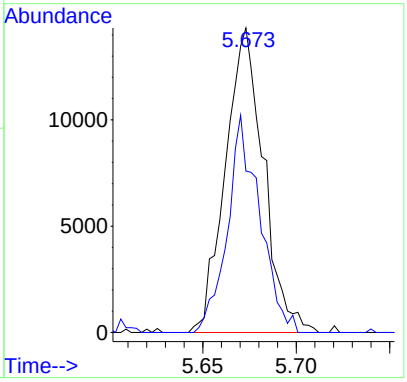


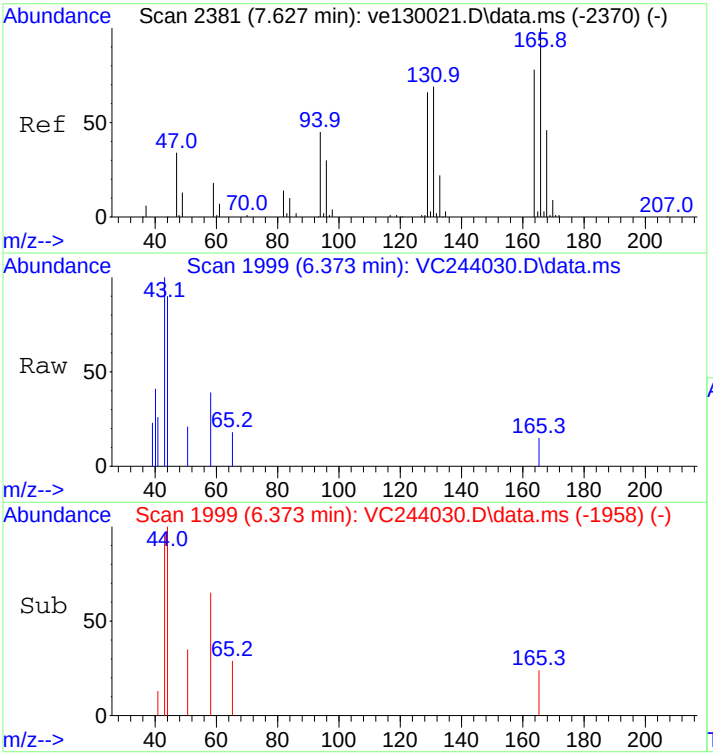


#61
TOLUENE
Concen: 0.90 UG/L
RT: 5.673 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 91 Resp: 20355

Ion	Ratio	Lower	Upper
91	100		
92	60.2	47.7	71.5

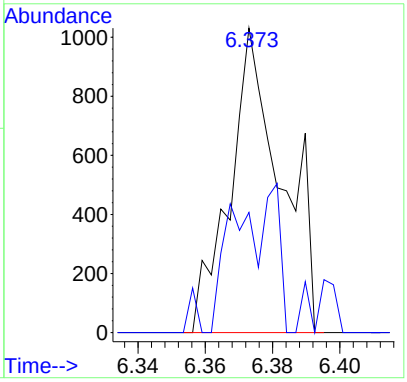


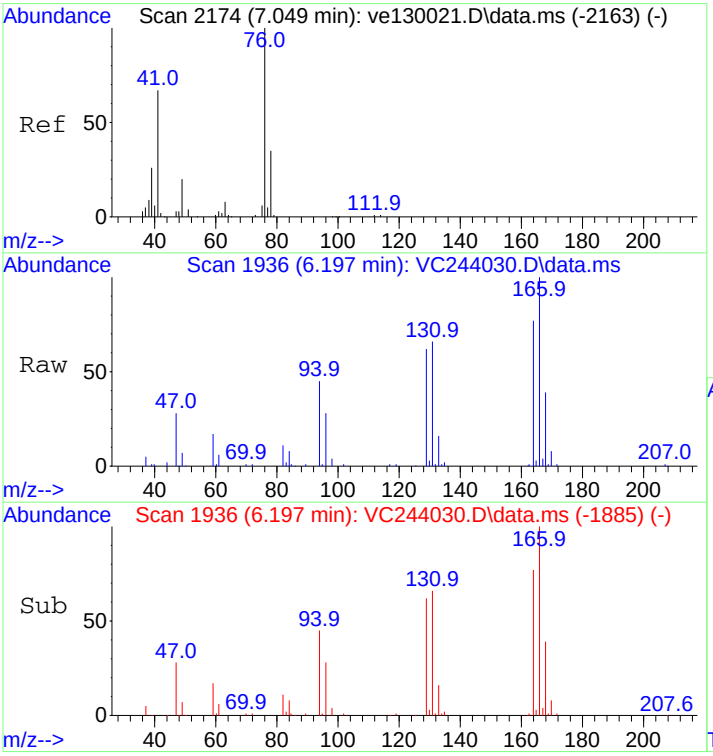


#65
2-HEXANONE
Concen: 0.35 UG/L
RT: 6.373 min Scan# 1999
Delta R.T. 0.001 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion: 43 Resp: 1095

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.3	60.5#

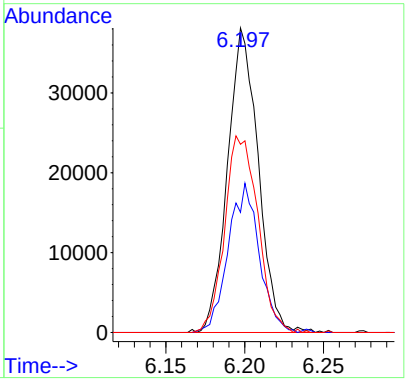


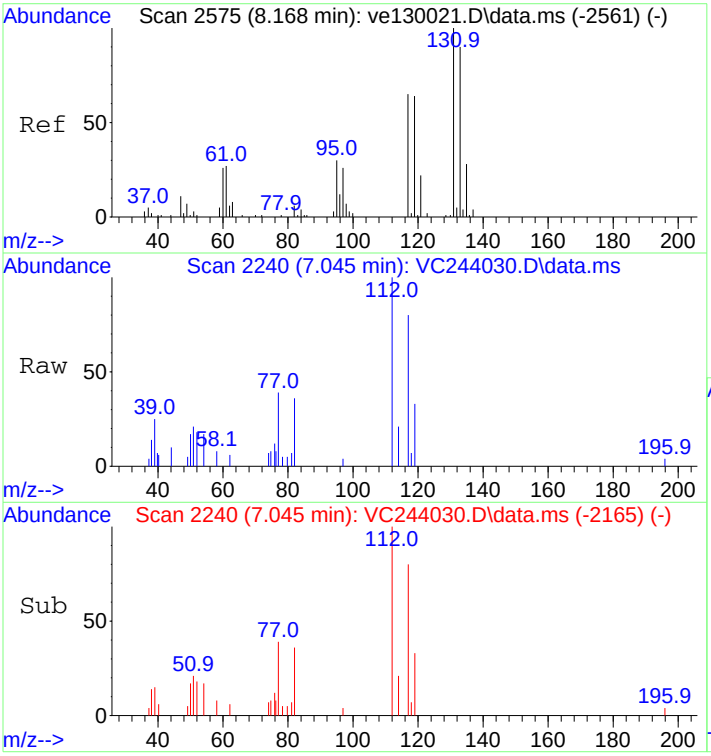


#66
TETRACHLOROETHENE
Concen: 7.72 UG/L
RT: 6.197 min Scan# 1936
Delta R.T. -0.003 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion:166 Resp: 51685

Ion	Ratio	Lower	Upper
166	100		
168	49.4	38.5	57.7
129	69.6	54.2	81.2

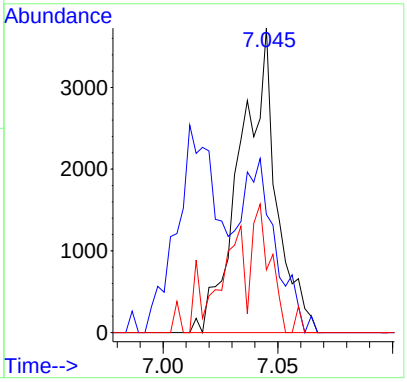


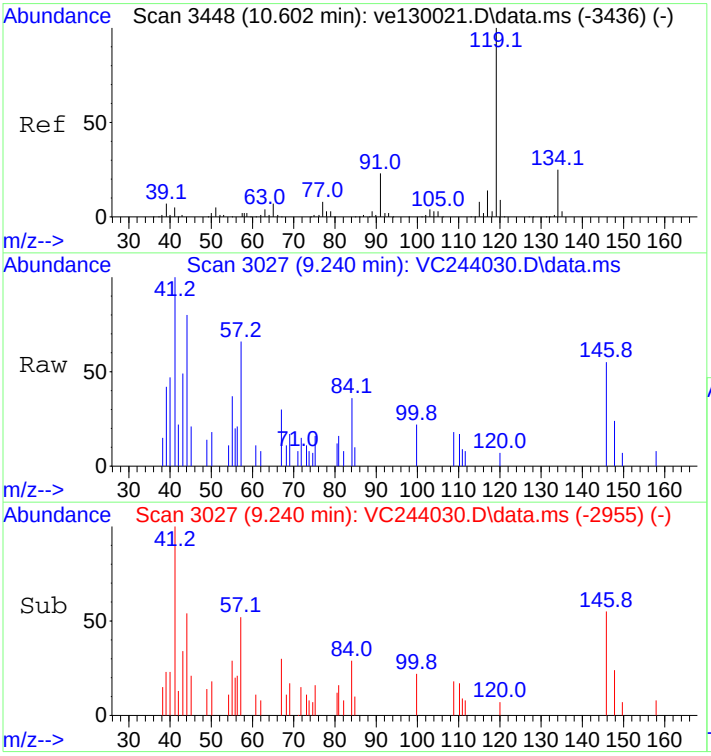


#72
CHLOROBENZENE
Concen: 0.26 UG/L
RT: 7.045 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion:112 Resp: 4098

Ion	Ratio	Lower	Upper
112	100		
77	51.2	49.8	74.6
114	20.7	26.2	39.2#

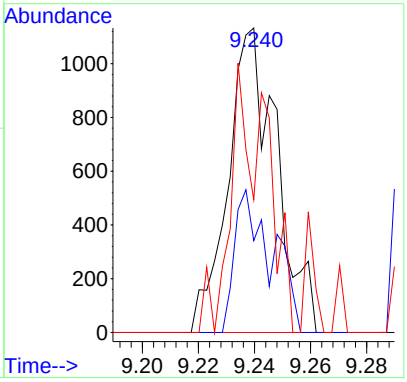


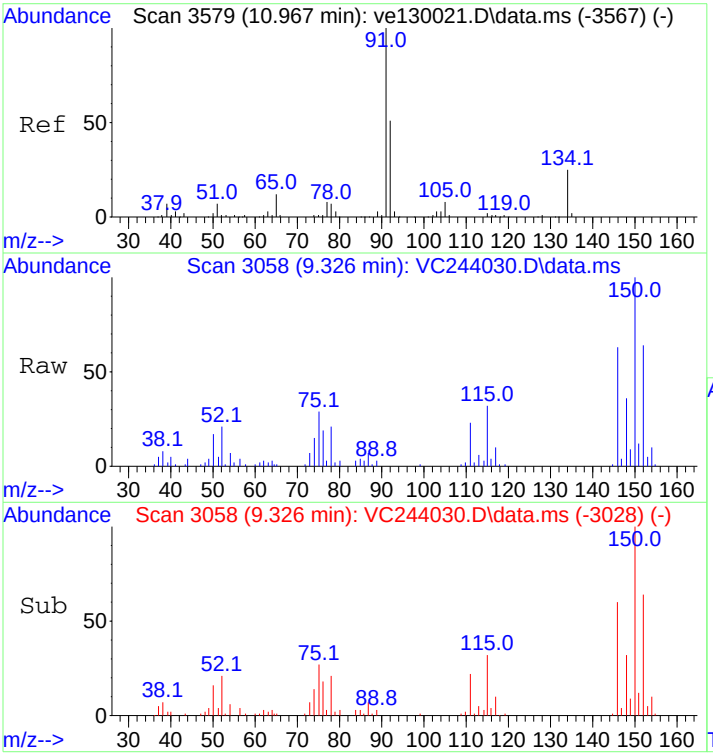


#93
1,3-DICHLOROBENZENE
Concen: 0.11 UG/L
RT: 9.240 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion:146 Resp: 1369

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.7	46.1#
148	37.3	50.8	76.2#

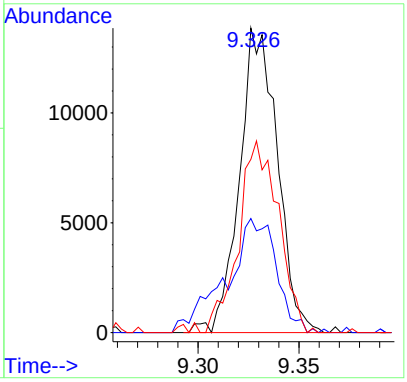


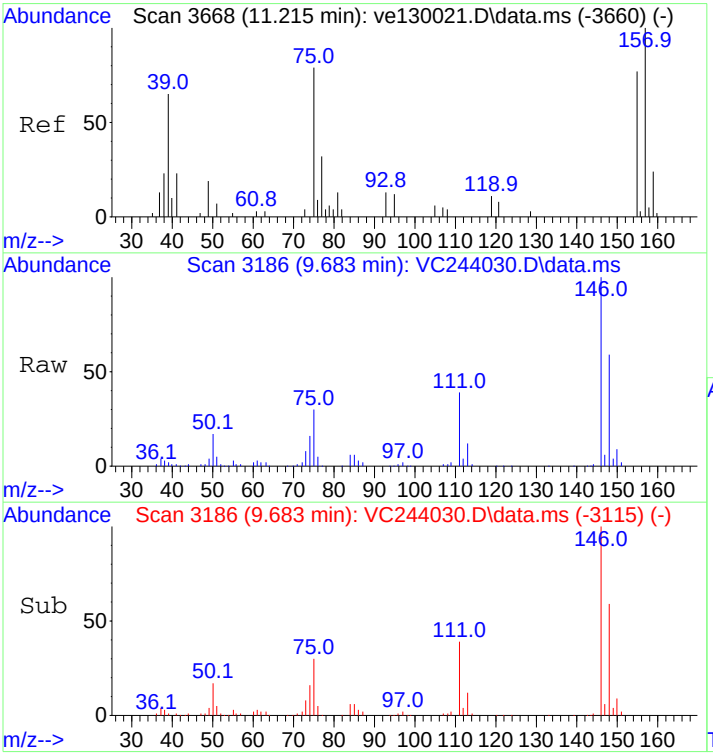


#95
1,4-DICHLOROBENZENE
Concen: 1.41 UG/L
RT: 9.326 min Scan# 3058
Delta R.T. -0.003 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion:146 Resp: 18116

Ion	Ratio	Lower	Upper
146	100		
111	49.7	29.6	44.4#
148	66.4	51.4	77.2

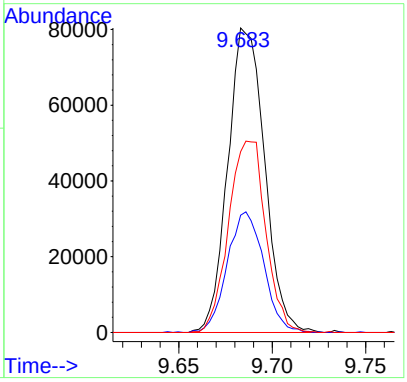




#97
1,2-DICHLOROBENZENE
Concen: 9.35 UG/L
RT: 9.683 min Scan# 3186
Delta R.T. -0.003 min
Lab File: VC244030.D
Acq: 1 Sep 2011 9:24 pm

Tgt Ion:146 Resp: 110171

Ion	Ratio	Lower	Upper
146	100		
111	39.3	32.2	48.2
148	63.6	51.0	76.6



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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-10	File ID:	VC244031.D
Sampled:	08/24/11 17:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 21:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-10	File ID:	VC244031.D
Sampled:	08/24/11 17:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 21:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	1.2	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-10	File ID:	VC244031.D
Sampled:	08/24/11 17:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 21:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	3.2	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-10	File ID:	VC244031.D
Sampled:	08/24/11 17:50	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 21:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244031.D
Acq On : 1 Sep 2011 9:54 pm
Operator :
Sample : 11H1080-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 02 08:49:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

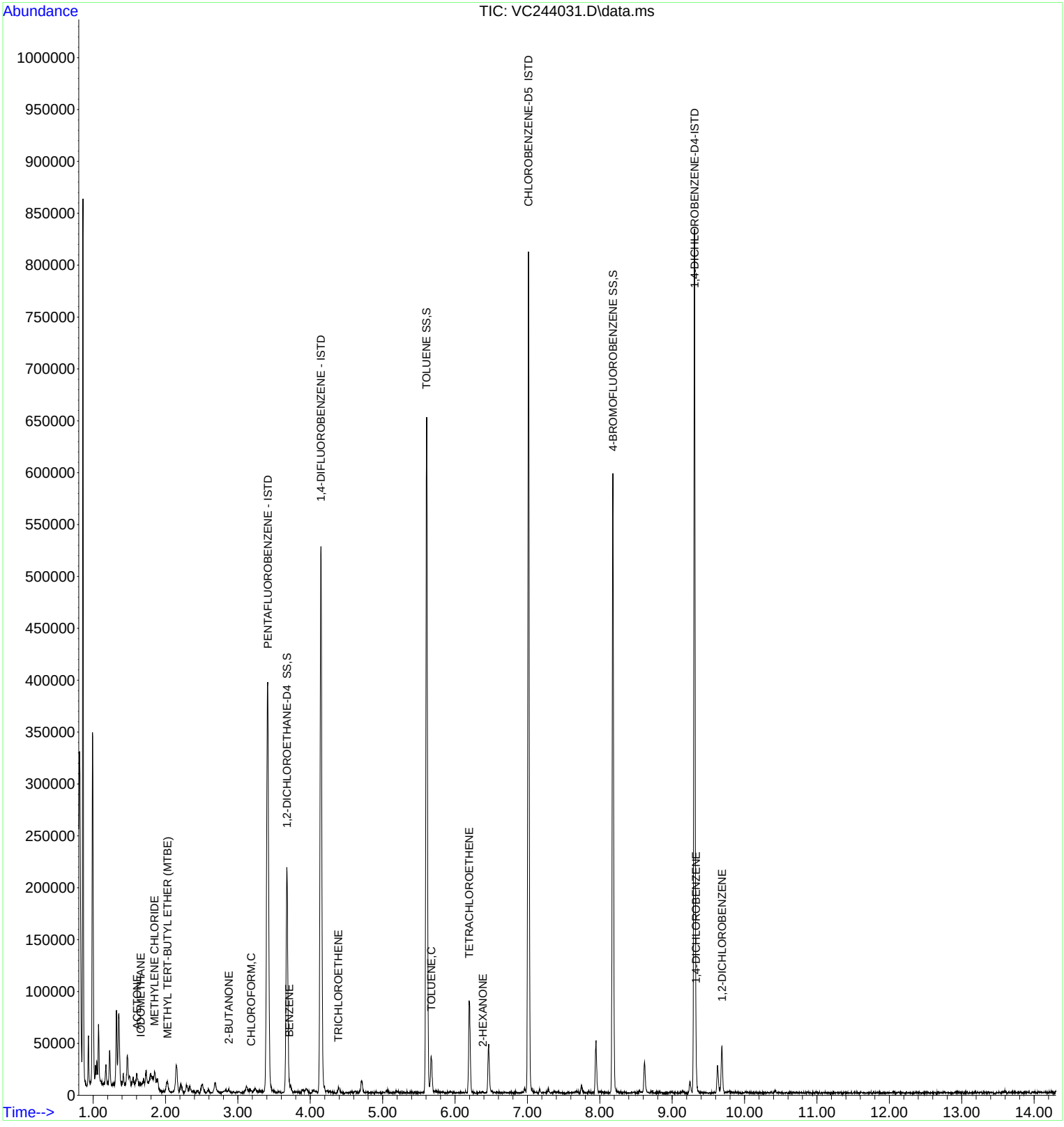
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	275533	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	361868	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	200577	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	171823	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	153967	25.13	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%				
49) TOLUENE SS	5.606	98	352468	24.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.80%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	147185	24.88	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.52%				
Target Compounds							Qvalue
14) ACETONE	1.607	43	6951	4.50	UG/L		98
17) IODOMETHANE	1.657	142	1506m	1.02	UG/L		
23) METHYLENE CHLORIDE	1.847	49	3092	0.39	UG/L		93
25) METHYL TERT-BUTYL ETHE...	2.028	73	4448	0.24	UG/L	#	1
31) 2-BUTANONE	2.876	43	3775m	1.63	UG/L		
40) CHLOROFORM	3.186	83	1525m	0.12	UG/L		
45) BENZENE	3.713	78	3734m	0.16	UG/L		
51) TRICHLOROETHENE	4.387	95	1040	0.16	UG/L	#	32
61) TOLUENE	5.670	91	18862	0.79	UG/L		96
65) 2-HEXANONE	6.384	43	670m	0.20	UG/L		
66) TETRACHLOROETHENE	6.197	166	22920	3.23	UG/L		98
95) 1,4-DICHLOROBENZENE	9.329	146	5001	0.39	UG/L	#	82
97) 1,2-DICHLOROBENZENE	9.689	146	14293	1.20	UG/L		97

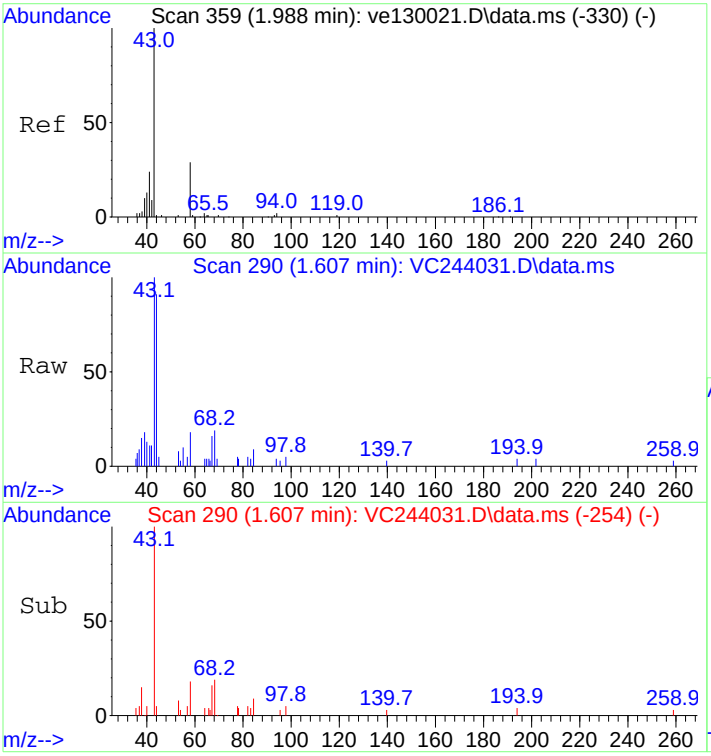
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244031.D
Acq On : 1 Sep 2011 9:54 pm
Operator :
Sample : 11H1080-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 02 08:49:40 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

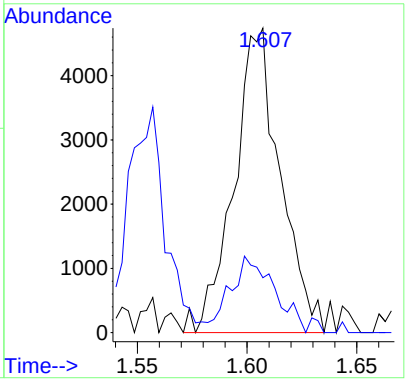


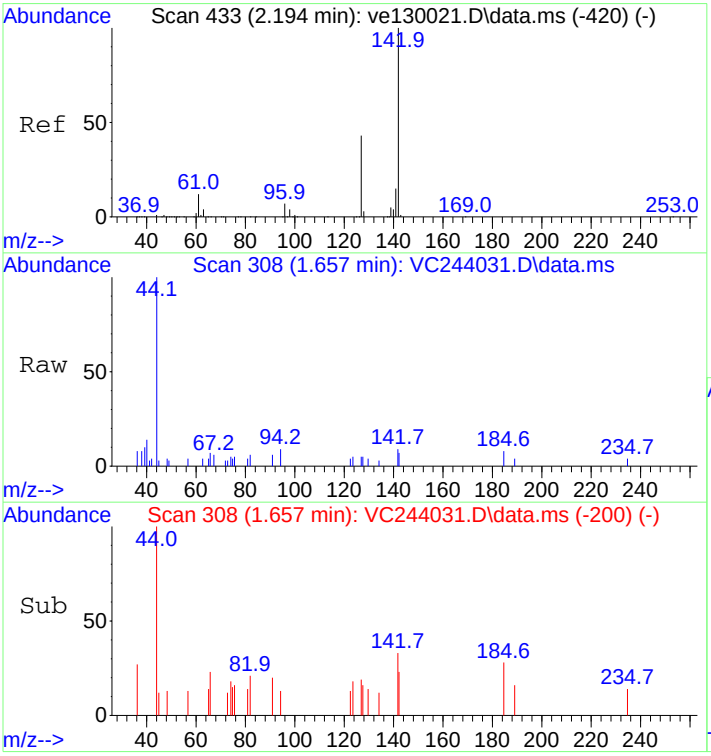


#14
ACETONE
Concen: 4.50 UG/L
RT: 1.607 min Scan# 290
Delta R.T. 0.006 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion: 43 Resp: 6951

Ion	Ratio	Lower	Upper
43	100		
58	23.6	19.5	29.3

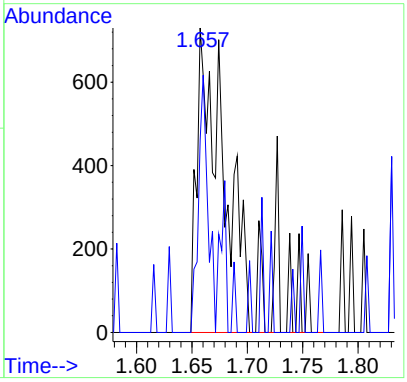


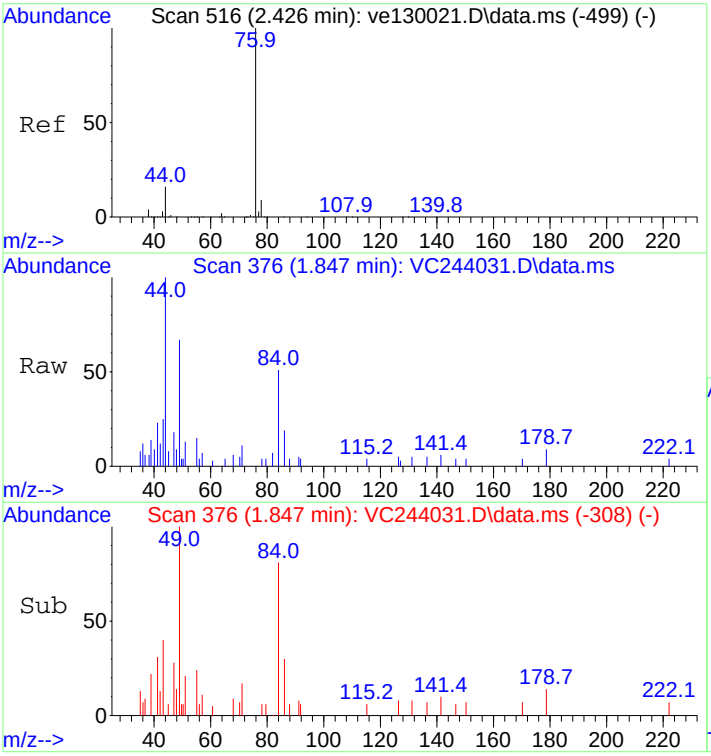


#17
IODOMETHANE
Concen: 1.02 UG/L m
RT: 1.657 min Scan# 308
Delta R.T. 0.000 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion:142 Resp: 1506

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

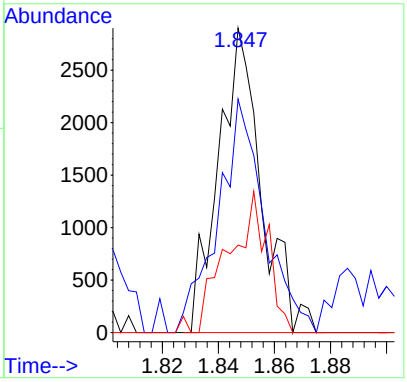


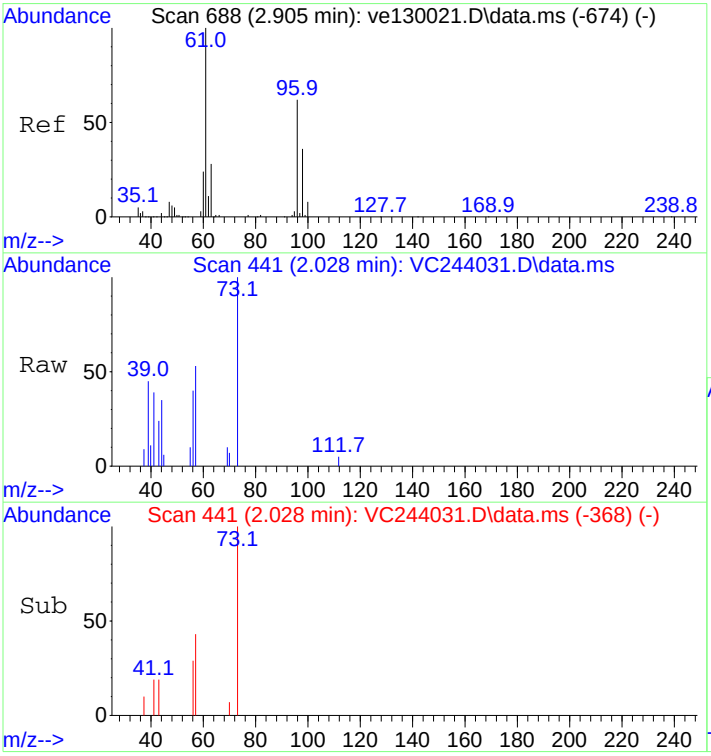


#23
METHYLENE CHLORIDE
Concen: 0.39 UG/L
RT: 1.847 min Scan# 376
Delta R.T. 0.001 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion: 49 Resp: 3092

Ion	Ratio	Lower	Upper
49	100		
84	82.1	60.6	91.0
86	43.0	38.0	57.0

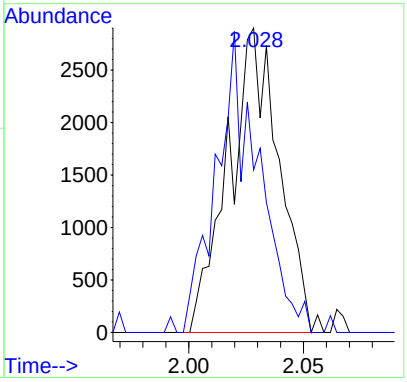


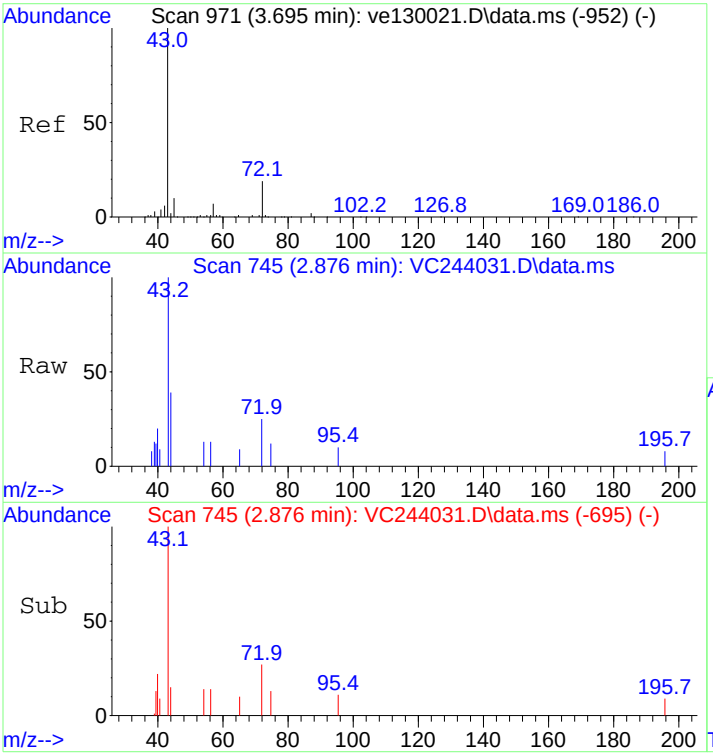


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.24 UG/L
RT: 2.028 min Scan# 441
Delta R.T. 0.003 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion: 73 Resp: 4448

Ion	Ratio	Lower	Upper
73	100		
57	82.0	15.7	23.5#

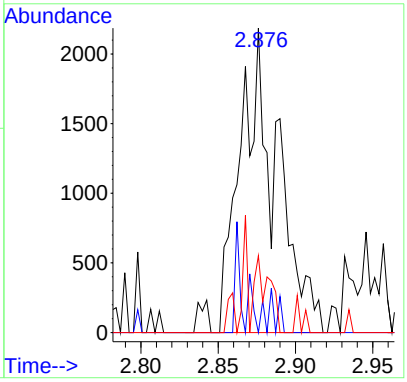


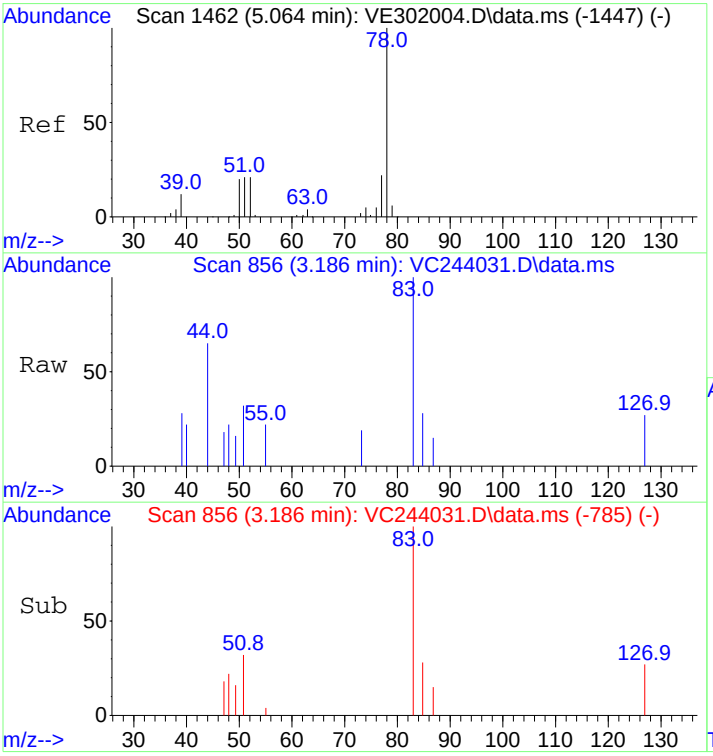


#31
2-BUTANONE
Concen: 1.63 UG/L m
RT: 2.876 min Scan# 745
Delta R.T. 0.006 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion: 43 Resp: 3775

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.1	9.1#
72	0.0	18.2	27.4#

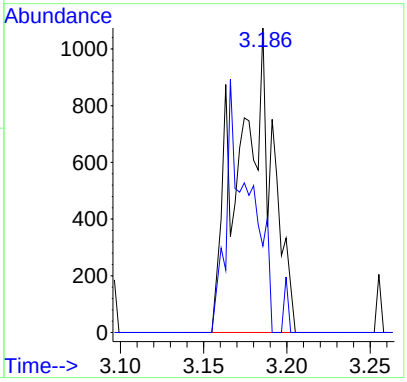


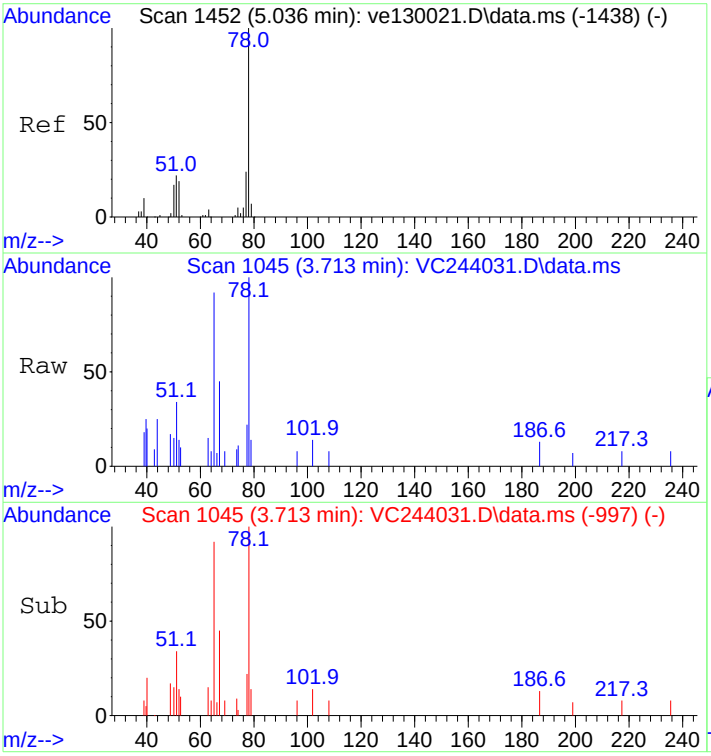


#40
CHLOROFORM
Concen: 0.12 UG/L m
RT: 3.186 min Scan# 856
Delta R.T. 0.009 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion: 83 Resp: 1525

Ion	Ratio	Lower	Upper
83	100		
85	0.0	49.8	74.8#

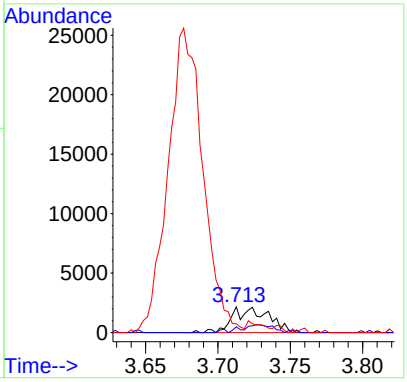


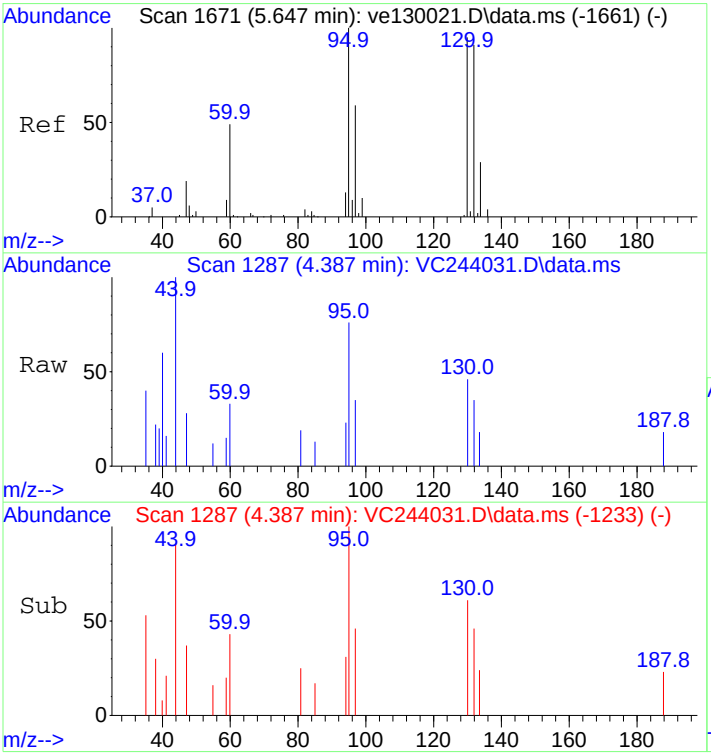


#45
BENZENE
Concen: 0.16 UG/L m
RT: 3.713 min Scan# 1045
Delta R.T. -0.014 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion: 78 Resp: 3734

Ion	Ratio	Lower	Upper
78	100		
77	19.9	18.8	28.2
51	0.0	18.0	27.0#

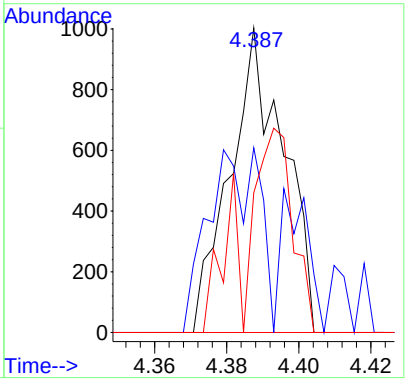


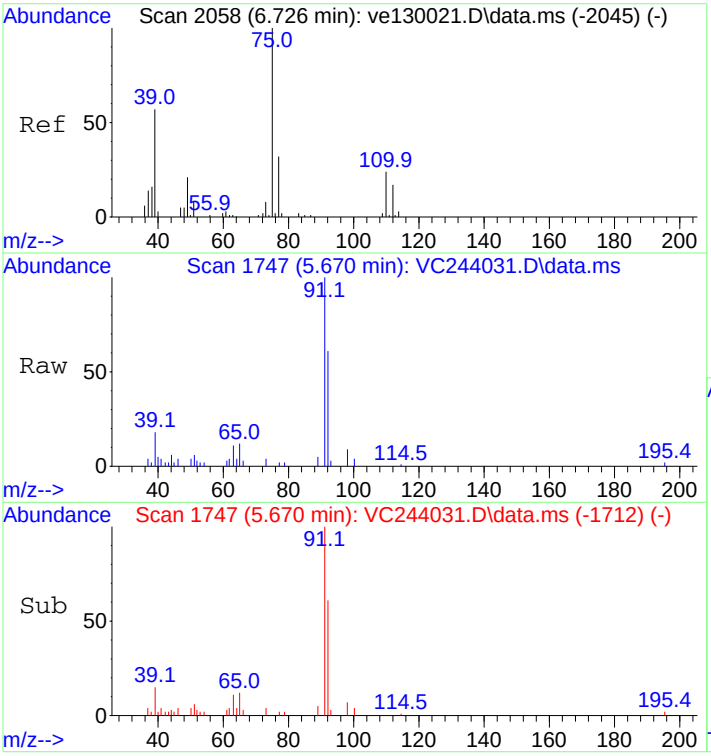


#51
TRICHLOROETHENE
Concen: 0.16 UG/L
RT: 4.387 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion: 95 Resp: 1040

Ion	Ratio	Lower	Upper
95	100		
130	56.5	76.4	114.6#
132	0.0	74.1	111.1#

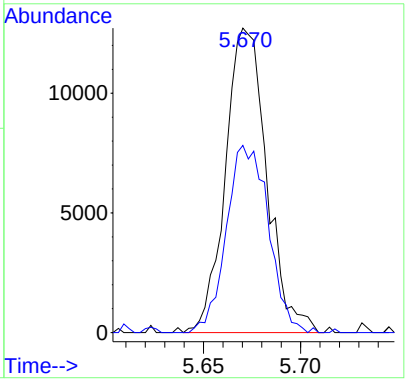


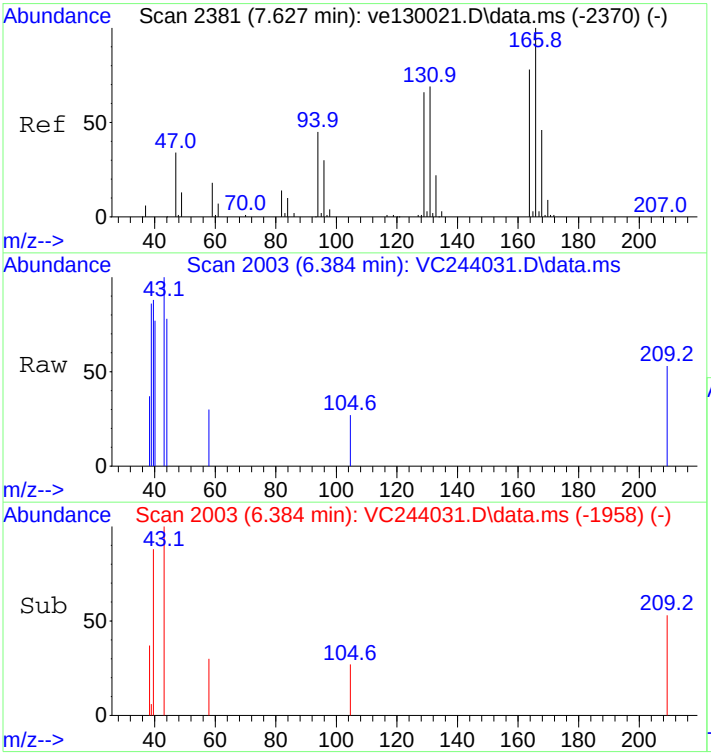


#61
TOLUENE
Concen: 0.79 UG/L
RT: 5.670 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion: 91 Resp: 18862

Ion	Ratio	Lower	Upper
91	100		
92	62.4	47.7	71.5

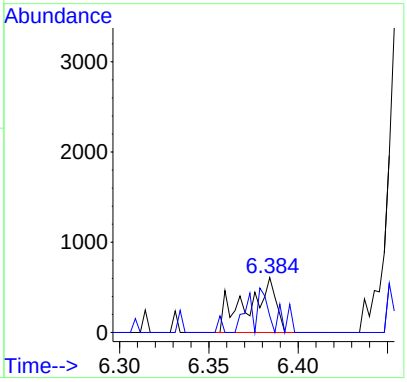


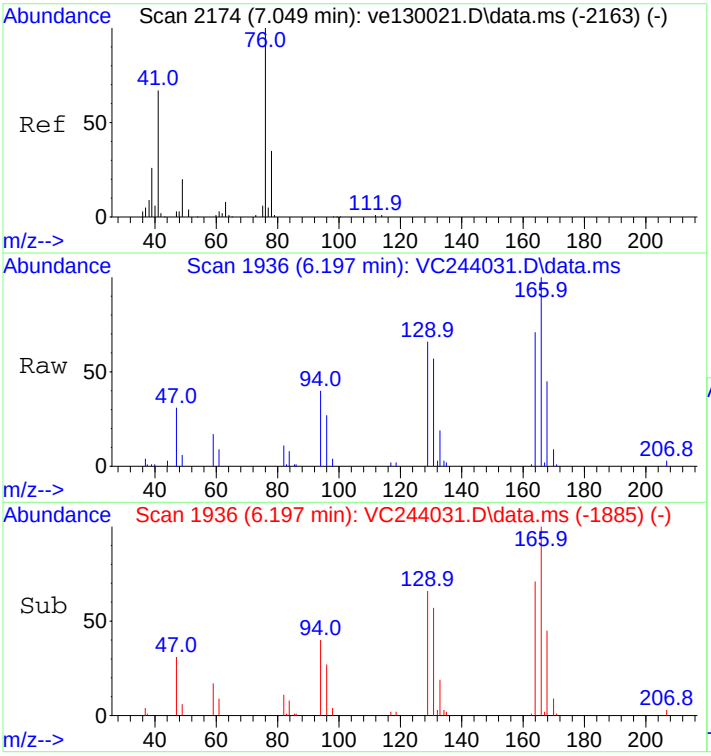


#65
2-HEXANONE
Concen: 0.20 UG/L m
RT: 6.384 min Scan# 2003
Delta R.T. 0.012 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion: 43 Resp: 670

Ion	Ratio	Lower	Upper
43	100		
58	81.2	40.3	60.5#

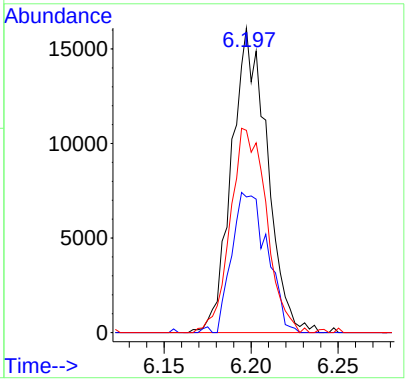


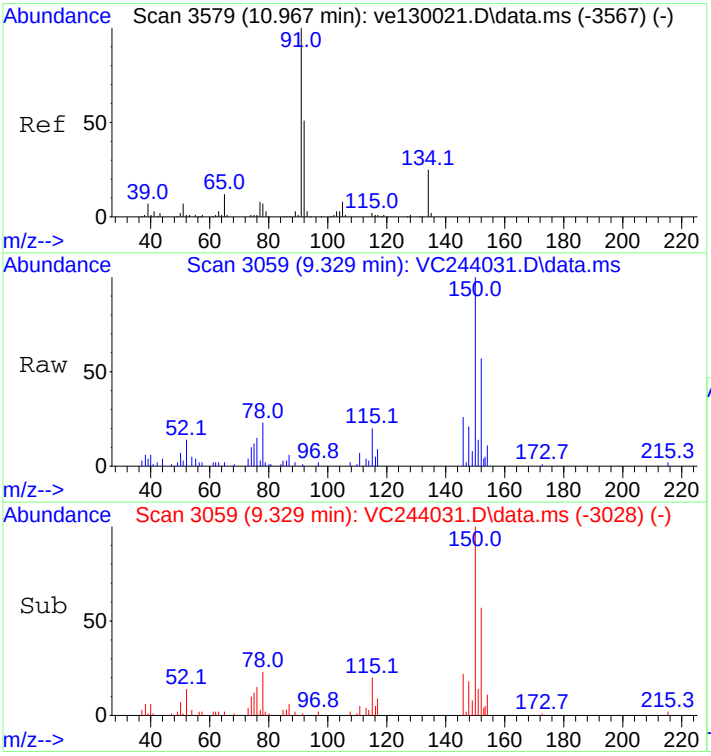


#66
TETRACHLOROETHENE
Concen: 3.23 UG/L
RT: 6.197 min Scan# 1936
Delta R.T. -0.003 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion:166 Resp: 22920

Ion	Ratio	Lower	Upper
166	100		
168	46.1	38.5	57.7
129	68.1	54.2	81.2

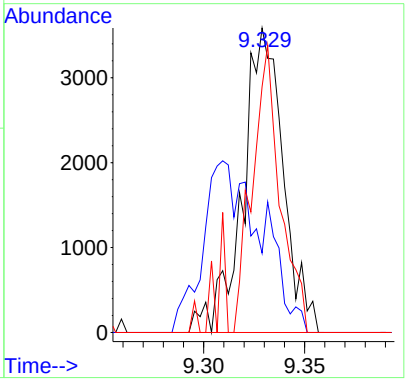


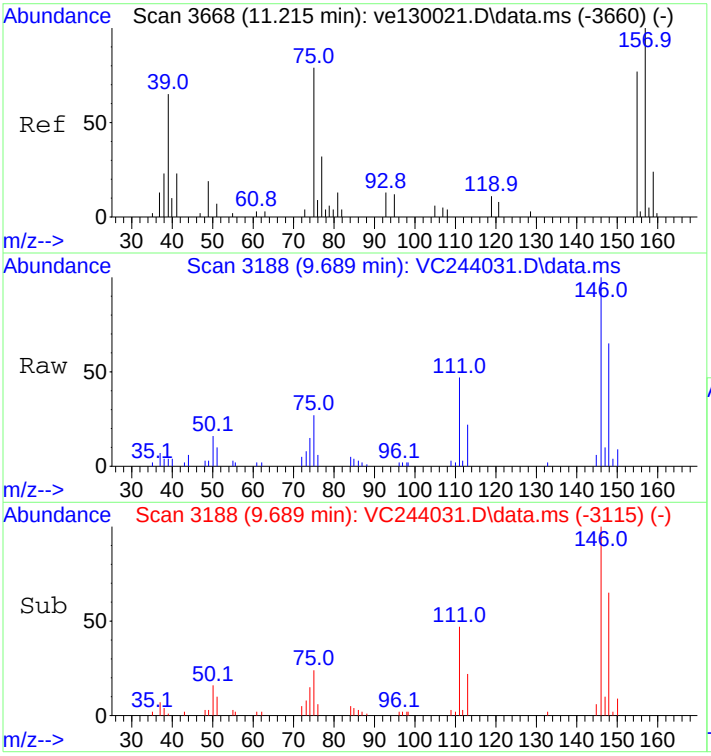


#95
1,4-DICHLOROBENZENE
Concen: 0.39 UG/L
RT: 9.329 min Scan# 3059
Delta R.T. 0.000 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion:146 Resp: 5001

Ion	Ratio	Lower	Upper
146	100		
111	65.3	29.6	44.4#
148	65.2	51.4	77.2

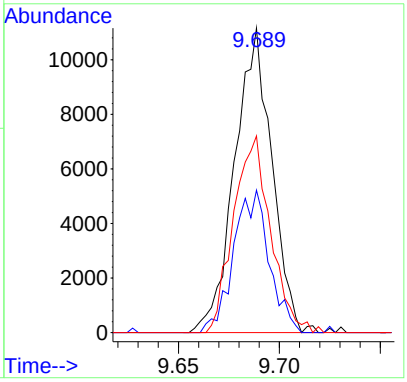




#97
1,2-DICHLOROBENZENE
Concen: 1.20 UG/L
RT: 9.689 min Scan# 3188
Delta R.T. 0.003 min
Lab File: VC244031.D
Acq: 1 Sep 2011 9:54 pm

Tgt Ion:146 Resp: 14293

Ion	Ratio	Lower	Upper
146	100		
111	44.6	32.2	48.2
148	64.2	51.0	76.6



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

1 - FORM I
ANALYSIS DATA SHEET

PW 14-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-11	File ID:	VC244032.D
Sampled:	08/25/11 09:55	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-11	File ID:	VC244032.D
Sampled:	08/25/11 09:55	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-11	File ID:	VC244032.D
Sampled:	08/25/11 09:55	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028	Instrument:	GCMSVOA3

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

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1 - FORM I
ANALYSIS DATA SHEET

PW 14-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11H1080-11	File ID:	VC244032.D
Sampled:	08/25/11 09:55	Prepared:	08/31/11 09:48	Analyzed:	09/01/11 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244032.D
Acq On : 1 Sep 2011 10:24 pm
Operator :
Sample : 11H1080-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 02 08:53:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

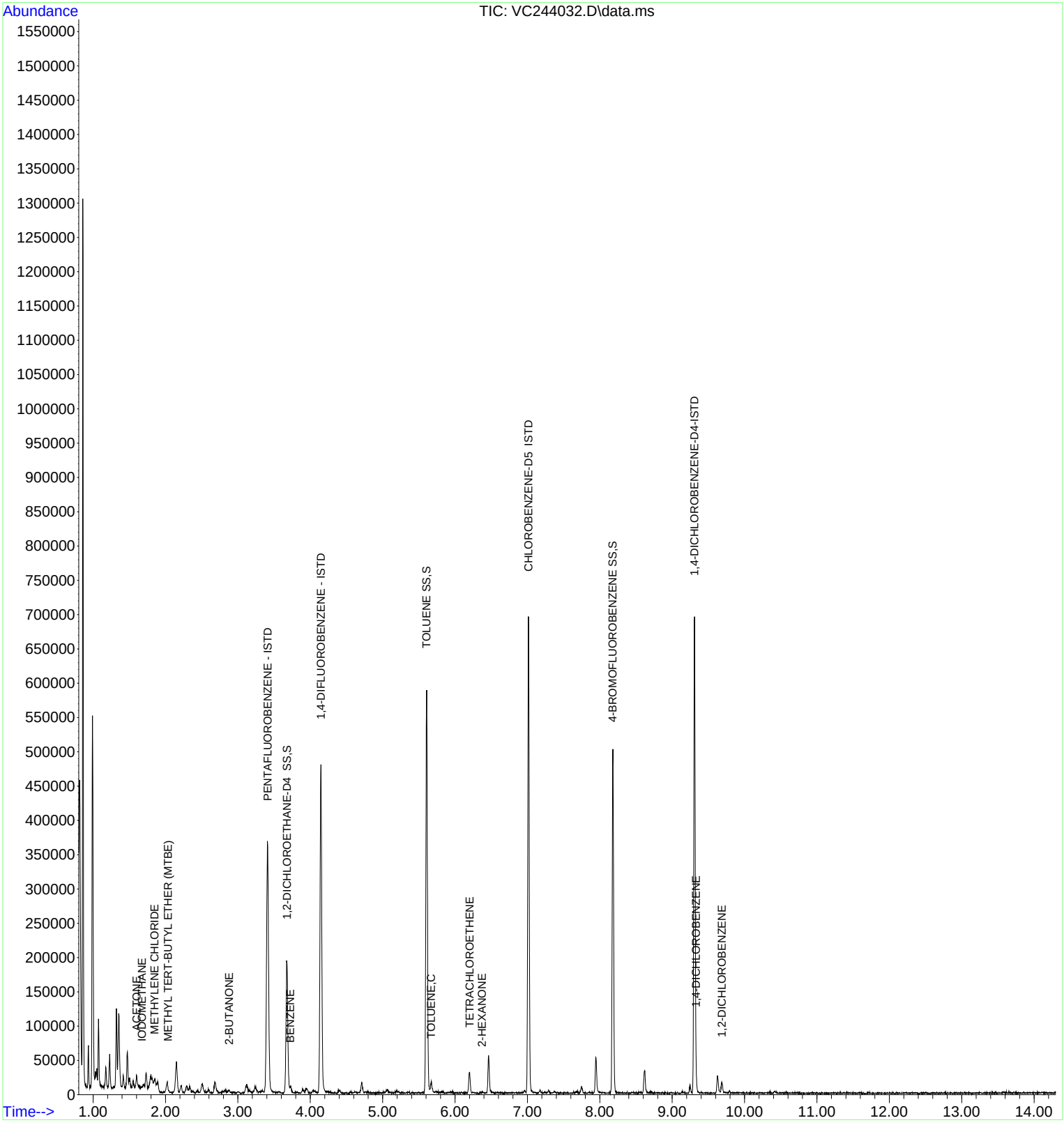
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.412	168	245069	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	321590	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	176981	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	153121	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	138140	25.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.40%				
49) TOLUENE SS	5.606	98	317117	25.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.04%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	128858	24.69	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.76%				
Target Compounds							Qvalue
14) ACETONE	1.602	43	8098	5.90	UG/L		98
17) IODOMETHANE	1.677	142	1306m	1.01	UG/L		
23) METHYLENE CHLORIDE	1.850	49	2072	0.29	UG/L	#	66
25) METHYL TERT-BUTYL ETHE...	2.034	73	5184	0.32	UG/L	#	1
31) 2-BUTANONE	2.879	43	5527	2.69	UG/L	#	88
45) BENZENE	3.724	78	5277	0.25	UG/L	#	1
61) TOLUENE	5.668	91	7775m	0.36	UG/L		
65) 2-HEXANONE	6.373	43	1005m	0.34	UG/L		
66) TETRACHLOROETHENE	6.203	166	7513	1.19	UG/L		98
95) 1,4-DICHLOROBENZENE	9.329	146	2960	0.26	UG/L	#	83
97) 1,2-DICHLOROBENZENE	9.686	146	5111	0.48	UG/L		99

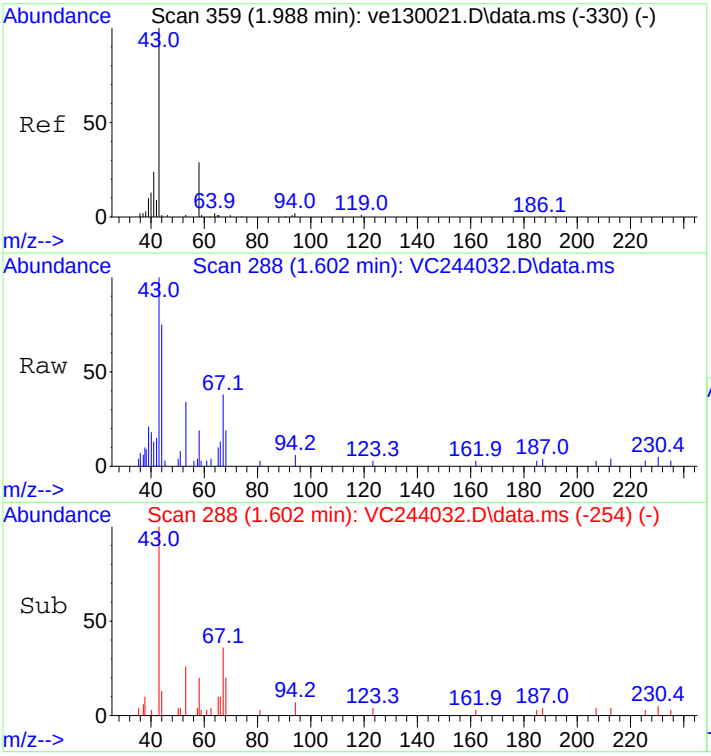
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244032.D
Acq On : 1 Sep 2011 10:24 pm
Operator :
Sample : 11H1080-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 02 08:53:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

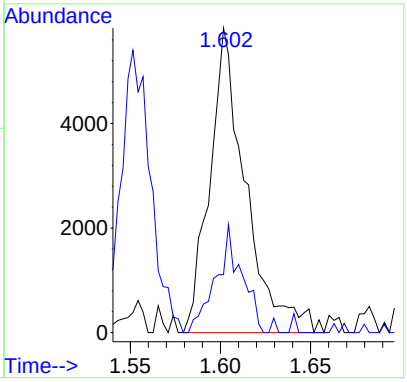


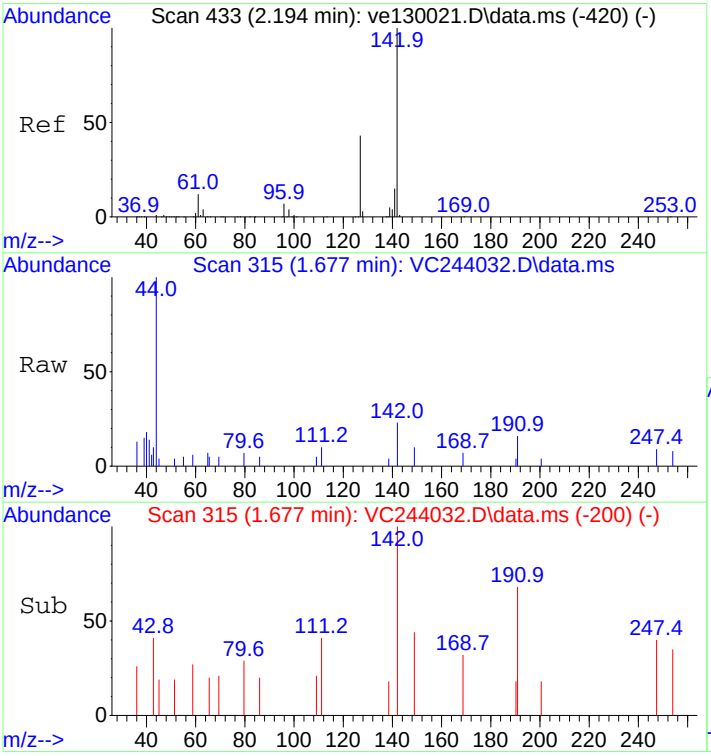


#14
ACETONE
Concen: 5.90 UG/L
RT: 1.602 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion: 43 Resp: 8098

Ion	Ratio	Lower	Upper
43	100		
58	25.3	19.5	29.3

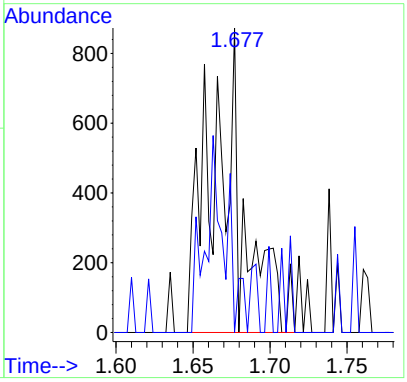


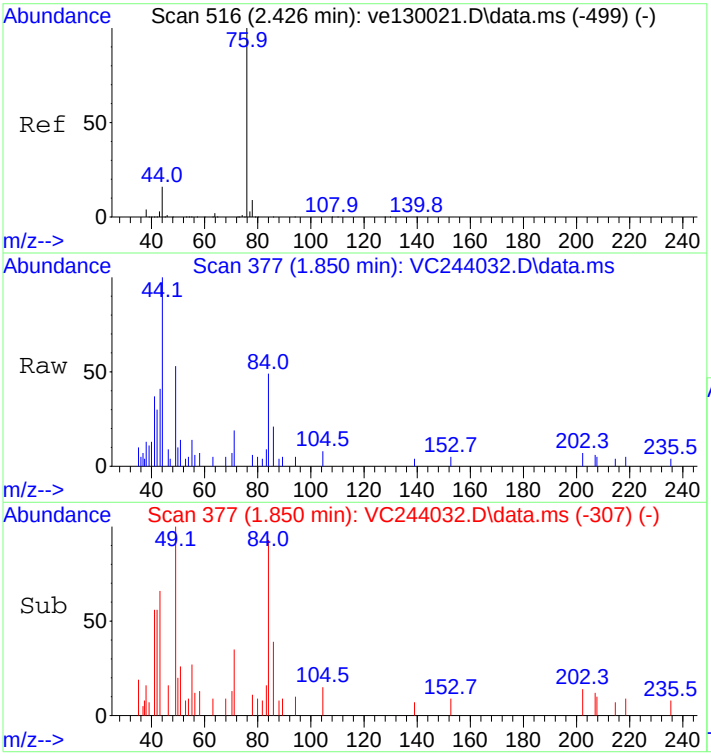


#17
IODOMETHANE
Concen: 1.01 UG/L m
RT: 1.677 min Scan# 315
Delta R.T. 0.020 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion:142 Resp: 1306

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

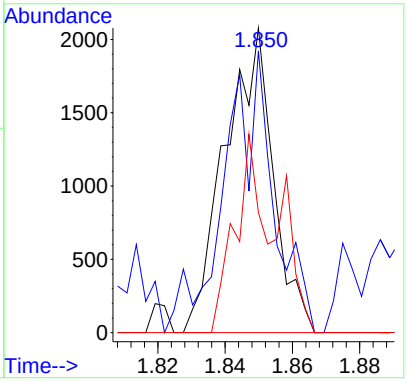


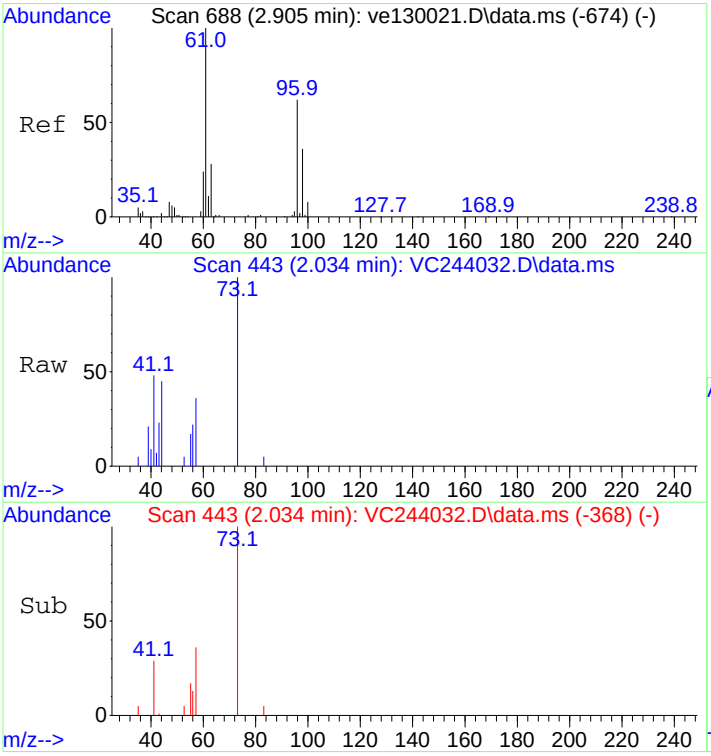


#23
METHYLENE CHLORIDE
Concen: 0.29 UG/L
RT: 1.850 min Scan# 377
Delta R.T. 0.004 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion: 49 Resp: 2072

Ion	Ratio	Lower	Upper
49	100		
84	36.8	60.6	91.0#
86	36.1	38.0	57.0#

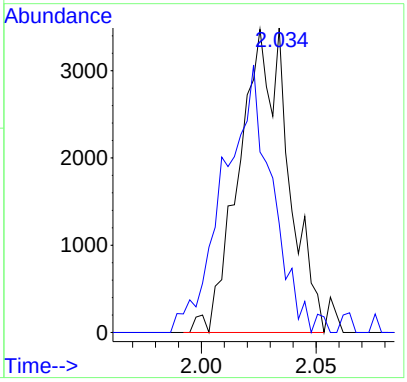


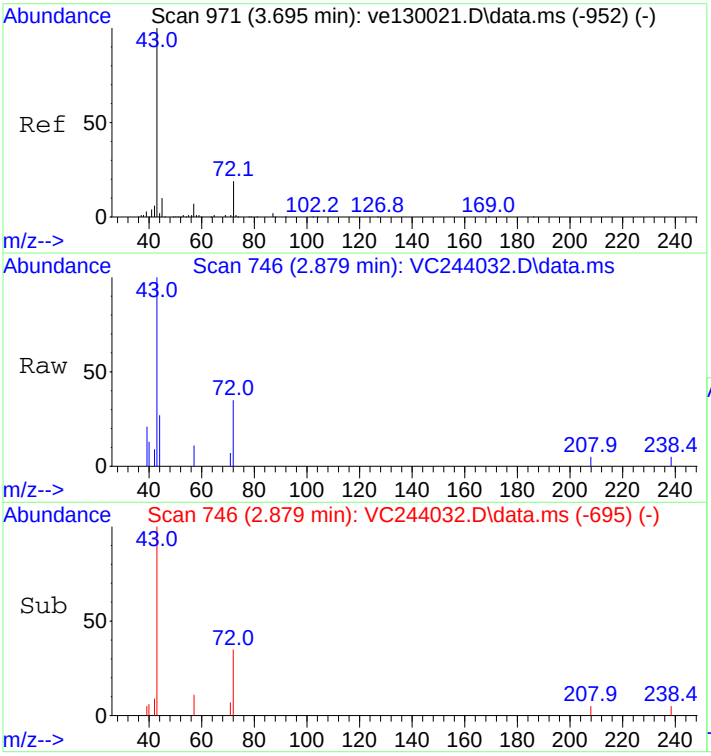


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.32 UG/L
RT: 2.034 min Scan# 443
Delta R.T. 0.009 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion: 73 Resp: 5184

Ion	Ratio	Lower	Upper
73	100		
57	86.5	15.7	23.5#

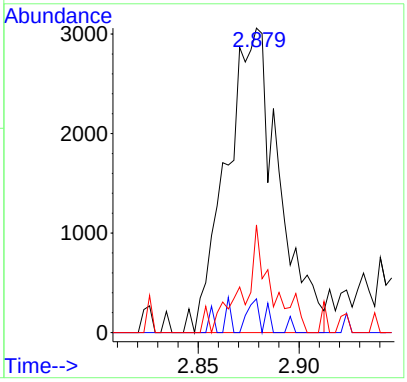


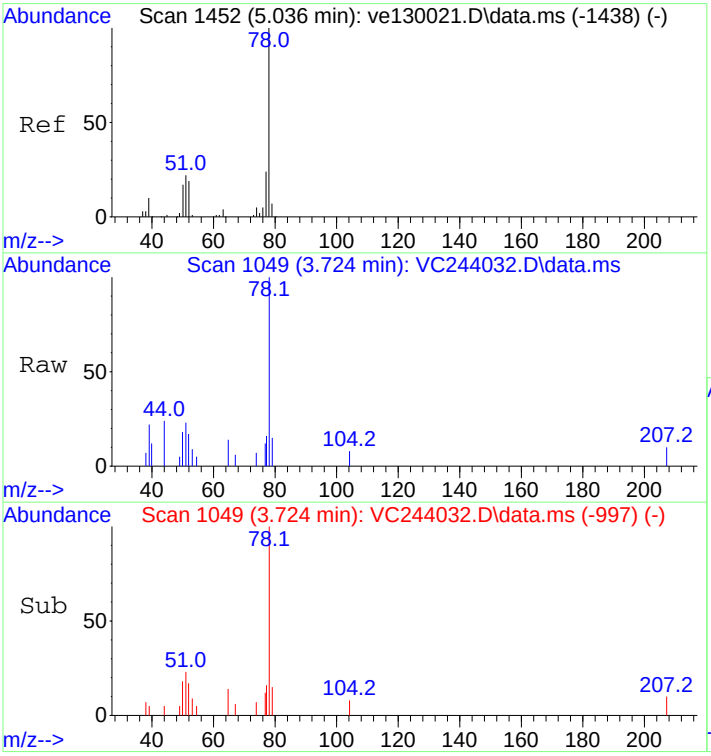


#31
2-BUTANONE
Concen: 2.69 UG/L
RT: 2.879 min Scan# 746
Delta R.T. 0.009 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion: 43 Resp: 5527

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.1	9.1#
72	18.7	18.2	27.4

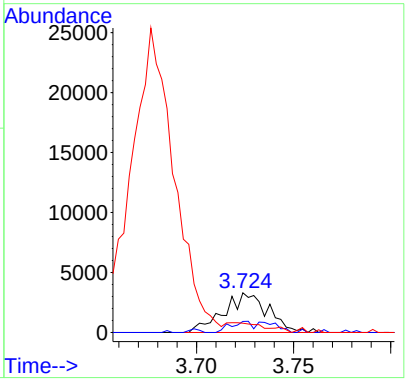


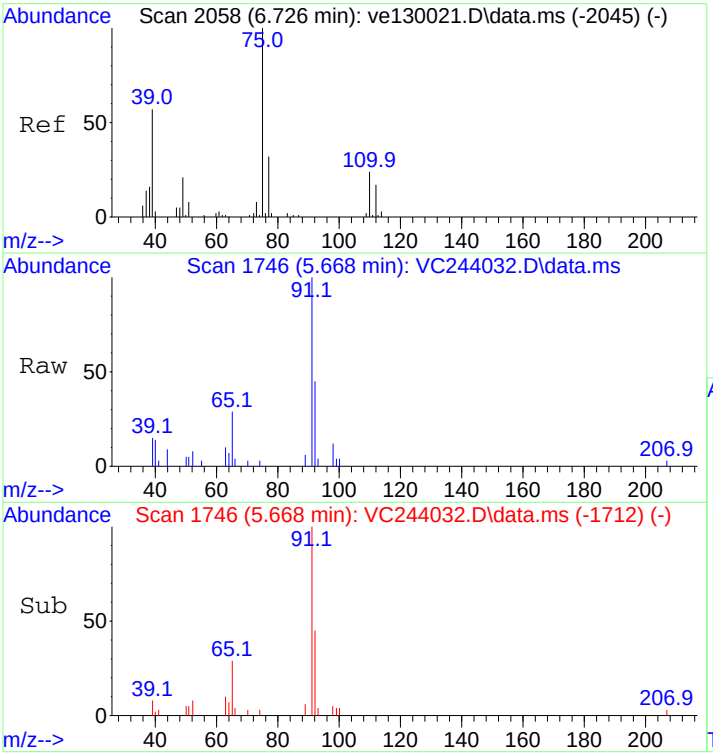


#45
BENZENE
Concen: 0.25 UG/L
RT: 3.724 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion: 78 Resp: 5277

Ion	Ratio	Lower	Upper
78	100		
77	13.4	18.8	28.2#
51	747.3	18.0	27.0#

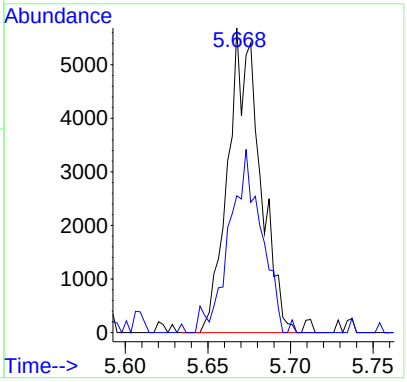


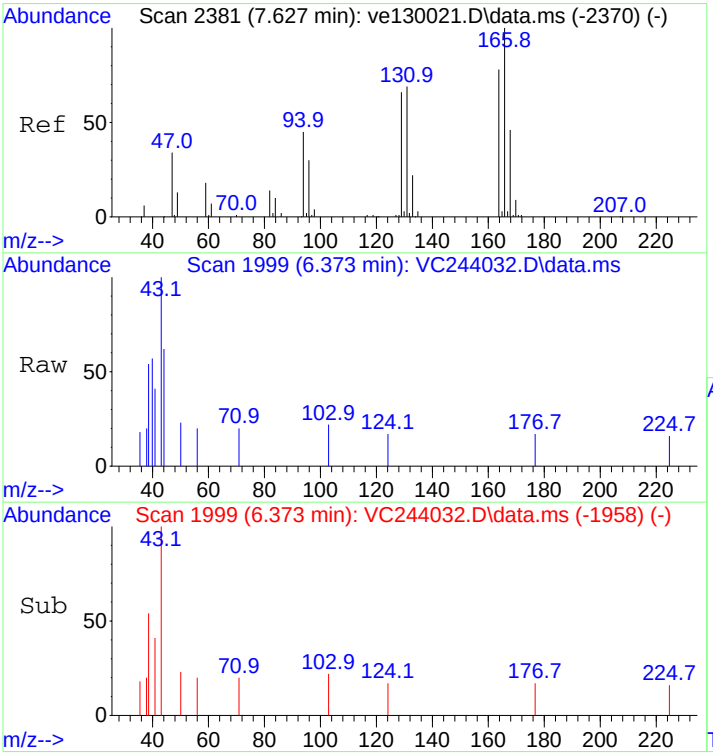


#61
TOLUENE
Concen: 0.36 UG/L m
RT: 5.668 min Scan# 1746
Delta R.T. -0.005 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion: 91 Resp: 7775

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.7	71.5

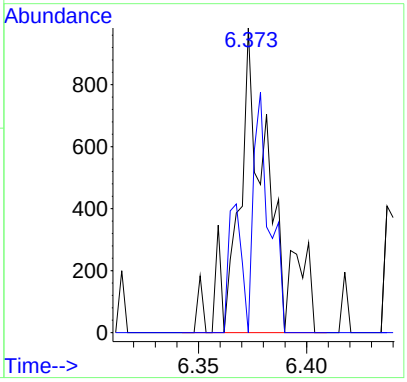


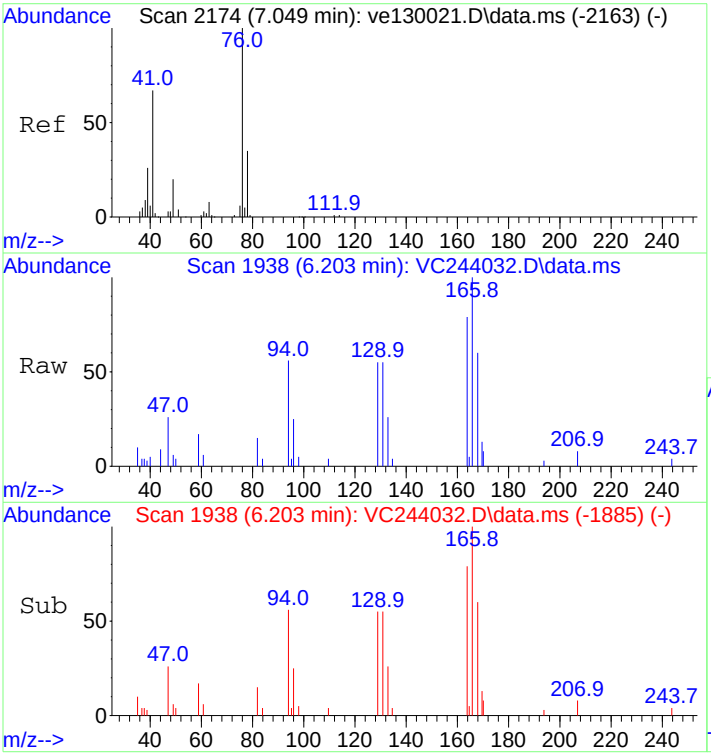


#65
2-HEXANONE
Concen: 0.34 UG/L m
RT: 6.373 min Scan# 1999
Delta R.T. 0.001 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion: 43 Resp: 1005

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.3	60.5#

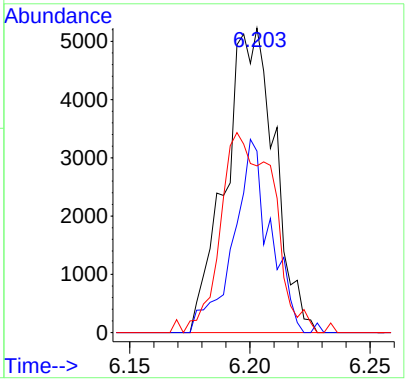


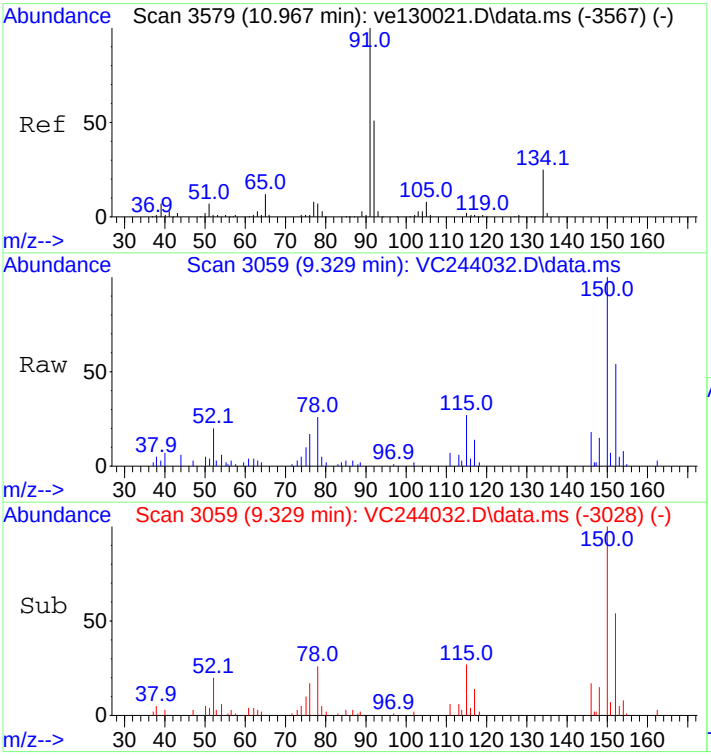


#66
TETRACHLOROETHENE
Concen: 1.19 UG/L
RT: 6.203 min Scan# 1938
Delta R.T. 0.003 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion:166 Resp: 7513

Ion	Ratio	Lower	Upper
166	100		
168	47.3	38.5	57.7
129	69.2	54.2	81.2

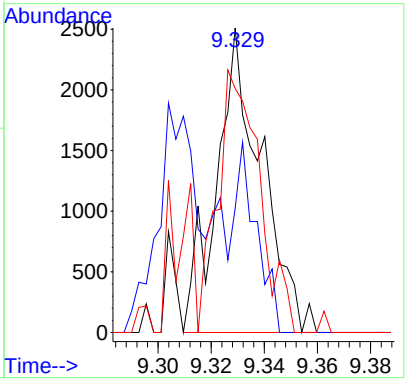


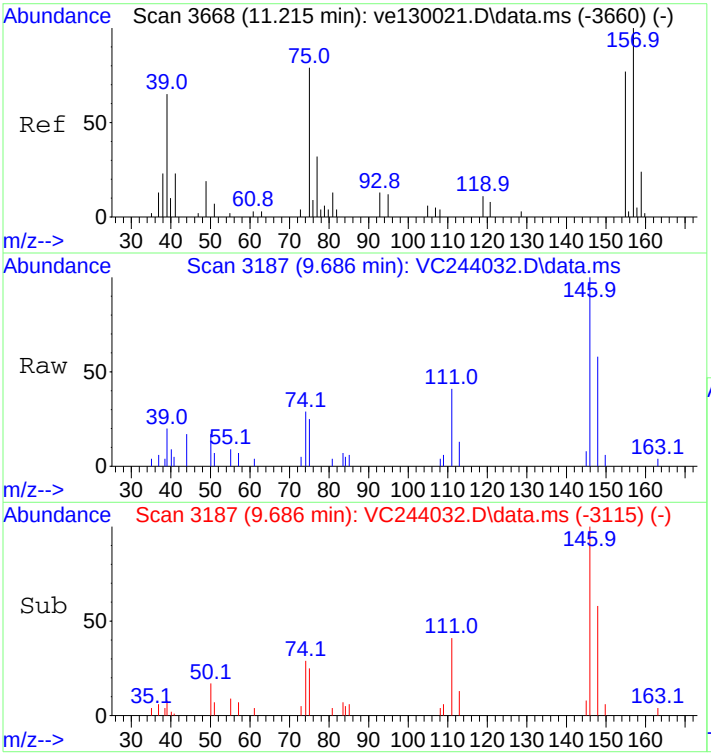


#95
1,4-DICHLOROBENZENE
Concen: 0.26 UG/L
RT: 9.329 min Scan# 3059
Delta R.T. 0.000 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion:146 Resp: 2960

Ion	Ratio	Lower	Upper
146	100		
111	30.2	29.6	44.4
148	80.3	51.4	77.2#

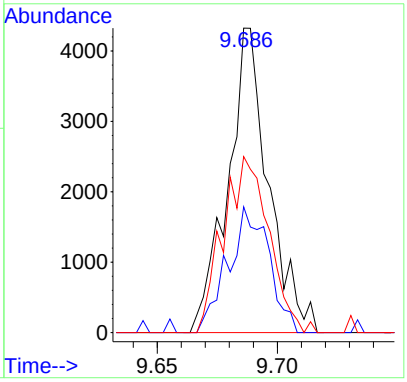




#97
1,2-DICHLOROBENZENE
Concen: 0.48 UG/L
RT: 9.686 min Scan# 3187
Delta R.T. 0.000 min
Lab File: VC244032.D
Acq: 1 Sep 2011 10:24 pm

Tgt Ion:146 Resp: 5111

Ion	Ratio	Lower	Upper
146	100		
111	41.1	32.2	48.2
148	64.5	51.0	76.6



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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H1080

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100028 Instrument: GCMSVOA3

Calibration Date: 8/31/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0	0.5	0	1	0.1572136	2	0.1535727	5	0.1704039	10	0.187006
Ethyl Methacrylate	0.4	0	0.5	0.3245699	1	0.3468021	2	0.3305221	5	0.3752399	10	0.4530234
Acetone	4	0.1949025	5	0.1816365	10	0.1862091	20	0.1641088	50	0.1558425	100	0.1570767
Acrolein	4	0	5	3.851646E-02	10	4.141512E-02	20	4.610711E-02	50	4.797178E-02	100	5.148672E-02
Acrylonitrile	0.4	0	0.5	0	1	0.244699	2	0.2026547	5	0.198988	10	0.2175184
tert-Amyl Methyl Ether (TAME)	0.4	1.311312	0.5	1.419308	1	1.505052	2	1.500632	5	1.58783	10	1.730354
Benzene	0.4	2.224161	0.5	2.268272	1	2.453937	2	2.503318	5	2.505708	10	2.744223
Bromobenzene	0.4	1.527836	0.5	1.659054	1	1.726154	2	1.733949	5	1.697891	10	1.827703
Bromochloromethane	0.4	0.5249237	0.5	0.5902459	1	0.6100988	2	0.6044754	5	0.5529851	10	0.5970843
Bromodichloromethane	0.4	0.5760749	0.5	0.6277358	1	0.6161969	2	0.6591008	5	0.6501037	10	0.7101912
Bromoform	0.4	0.2465427	0.5	0.222063	1	0.2936571	2	0.31565	5	0.3681942	10	0.4354006
Bromomethane	0.4	0	0.5	0	1	0	2	0.6367774	5	0.4565293	10	0.4721574
2-Butanone (MEK)	4	0.1870984	5	0.2233809	10	0.2842182	20	0.2366531	50	0.2431393	100	0.2632837
tert-Butyl Alcohol (TBA)	4	0	5	0	10	0	20	2.330921E-02	50	2.355169E-02	100	2.664479E-02
n-Butylbenzene	0.4	1.362242	0.5	1.420168	1	2.111666	2	2.171867	5	2.554439	10	2.974113
sec-Butylbenzene	0.4	2.978921	0.5	3.263475	1	3.971921	2	3.88915	5	3.810256	10	4.158503
tert-Butylbenzene	0.4	2.530081	0.5	2.987896	1	2.877564	2	2.9269	5	2.853278	10	3.028083
tert-Butyl Ethyl Ether (TBEE)	0.4	1.657939	0.5	1.777291	1	1.89047	2	1.863594	5	1.932607	10	2.114915
Carbon Disulfide	4	1.421823	5	1.615725	10	1.562776	20	1.648662	50	1.626212	100	1.760258
Carbon Tetrachloride	0.4	0.3751082	0.5	0.6016528	1	0.4643157	2	0.5094941	5	0.5454884	10	0.6171655
Chlorobenzene	0.4	2.489717	0.5	2.35605	1	2.594823	2	2.45471	5	2.415277	10	2.598903
Chlorodibromomethane	0.4	0	0.5	0.353869	1	0.3489013	2	0.3660918	5	0.372968	10	0.4316593
Chloroethane	0.4	0.3782413	0.5	0.439772	1	0.3584522	2	0.3891885	5	0.3538341	10	0.3788858
2-Chloroethyl Vinyl Ether	4	0.1981098	5	0.2011281	10	0.2198892	20	0.2313112	50	0.2257825	100	0.2465655
Chloroform	0.4	1.278558	0.5	1.429987	1	1.3303	2	1.452449	5	1.359367	10	1.500606
Chloromethane	0.4	0.6385669	0.5	0.710625	1	0.698181	2	0.7195477	5	0.6965629	10	0.7024121

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H1080

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100028 Instrument: GCMSVOA3

Calibration Date: 8/31/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	2.656508	0.5	2.797287	1	3.046493	2	2.960568	5	2.966699	10	3.214626
4-Chlorotoluene	0.4	2.677964	0.5	3.110165	1	3.105927	2	3.309255	5	3.271053	10	3.63051
Cyclohexane	0.4	~~2.247801~~	0.5	~~1.974606~~	1	~~1.421915~~	2	~~1.188739~~	5	1.034589	10	1.014364
1,2-Dibromo-3-chloropropane (D	0.4	~~0~~	0.5	~~0~~	1	7.284245E-02	2	0.0610937	5	9.219829E-02	10	0.115044
1,2-Dibromoethane (EDB)	0.4	~~0~~	0.5	0.3565006	1	0.4133636	2	0.4018422	5	0.4147397	10	0.4640822
Dibromomethane	0.4	0.3190769	0.5	0.3480793	1	0.3416416	2	0.3407365	5	0.3337952	10	0.3583468
1,2-Dichlorobenzene	0.4	1.879217	0.5	1.911105	1	2.111857	2	2.101701	5	2.010883	10	2.1915
1,3-Dichlorobenzene	0.4	1.864923	0.5	2.002034	1	2.2411	2	2.153432	5	2.083604	10	2.285159
1,4-Dichlorobenzene	0.4	2.232761	0.5	2.36256	1	2.428846	2	2.236628	5	2.118809	10	2.312725
trans-1,4-Dichloro-2-butene	0.4	~~0~~	0.5	~~0~~	1	0.1640837	2	0.1385262	5	0.1489171	10	0.1889276
Dichlorodifluoromethane (Freon	0.4	0.9421853	0.5	1.127583	1	1.073472	2	1.024462	5	0.9991075	10	1.059337
1,1-Dichloroethane	0.4	1.013675	0.5	1.2118	1	1.123284	2	1.219117	5	1.153558	10	1.290433
1,2-Dichloroethane	0.4	0.7996458	0.5	0.8630052	1	0.9280127	2	0.9394999	5	0.8992711	10	0.9401201
1,1-Dichloroethylene	0.4	0.8442071	0.5	1.064967	1	1.048979	2	0.9789265	5	0.9643481	10	1.042817
cis-1,2-Dichloroethylene	0.4	0.9797816	0.5	1.035115	1	1.088074	2	1.167806	5	1.112419	10	1.225341
trans-1,2-Dichloroethylene	0.4	0.8644294	0.5	0.9635182	1	0.8973081	2	0.9439176	5	0.9362937	10	1.019088
Dichlorofluoromethane (Freon 2	0.4	1.242101	0.5	1.180249	1	1.212308	2	1.250697	5	1.203171	10	1.33914
1,2-Dichloropropane	0.4	0.4629871	0.5	0.4394852	1	0.4543851	2	0.4986531	5	0.4573376	10	0.4585752
1,3-Dichloropropane	0.4	0.6251302	0.5	0.7198435	1	0.7981259	2	0.7725892	5	0.7600664	10	0.8061503
2,2-Dichloropropane	0.4	~~0~~	0.5	~~0~~	1	0.5184839	2	0.5805947	5	0.5725417	10	0.6765809
1,1-Dichloropropene	0.4	1.022505	0.5	1.033173	1	0.979738	2	0.9878291	5	0.9832528	10	1.057322
cis-1,3-Dichloropropene	0.4	0.4694989	0.5	0.5368562	1	0.5812981	2	0.5980855	5	0.5909142	10	0.6627004
trans-1,3-Dichloropropene	0.4	0.3551087	0.5	0.4147478	1	0.3842375	2	0.4153108	5	0.4346704	10	0.5035547
Diethyl Ether	0.4	0.3622913	0.5	0.4497227	1	0.4028466	2	0.4167385	5	0.4095237	10	0.4194193
Difluorochloromethane (Freon 2	0.4	0.8359474	0.5	1.182676	1	1.079125	2	1.040944	5	1.047906	10	1.127977
Diisopropyl Ether (DIPE)	0.4	1.828831	0.5	1.91927	1	2.097369	2	2.21663	5	2.094694	10	2.289068

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H1080

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100028 Instrument: GCMSVOA3

Calibration Date: 8/31/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4	~~0~~	5	~~0~~	10	~~0~~	20	~~0~~	50	2.898376E-03	100	3.098784E-03
Ethyl Acetate	0.4	0.7505013	0.5	0.6924225	1	0.6620297	2	0.5782488	5	0.5548709	10	0.5998294
Ethylbenzene	0.4	3.54309	0.5	4.002909	1	4.249401	2	4.046944	5	4.254354	10	4.529149
Hexachlorobutadiene	0.4	~~0~~	0.5	0.2488584	1	0.404744	2	0.47157	5	0.5188956	10	0.5870841
2-Hexanone (MBK)	4	~~0~~	5	~~0~~	10	0.2524614	20	0.214923	50	0.2664234	100	0.2637196
Iodomethane	4	0.4004287	5	0.6052933	10	0.5566018	20	0.7442524	50	0.8148009	100	0.9624449
Isopropylbenzene (Cumene)	0.4	3.028549	0.5	3.270294	1	3.144911	2	3.448272	5	3.299092	10	3.695408
p-Isopropyltoluene (p-Cymene)	0.4	2.618706	0.5	2.401643	1	2.924596	2	3.064626	5	3.142659	10	3.409435
Methyl Acetate	0.4	0.8732588	0.5	1.17491	1	1.093373	2	1.006657	5	1.016406	10	1.025901
Methyl tert-Butyl Ether (MTBE)	0.4	1.707782	0.5	1.890631	1	1.851493	2	1.928137	5	1.91815	10	2.035196
Methyl Cyclohexane	0.4	0.5782455	0.5	0.6649298	1	0.6350896	2	0.6572929	5	0.6315155	10	0.6686468
Methylene Chloride	0.4	~~0~~	0.5	~~0~~	1	~~0~~	2	~~0~~	5	0.9149445	10	0.9213648
4-Methyl-2-pentanone (MIBK)	4	0.3293221	5	0.3380089	10	0.4387112	20	0.3912346	50	0.4204745	100	0.4212589
Naphthalene	0.4	~~0~~	0.5	~~0~~	1	~~0~~	2	~~0~~	5	0.5350443	10	0.9498186
n-Propylbenzene	0.4	3.826878	0.5	3.72148	1	4.112478	2	4.266427	5	4.243827	10	4.833769
Styrene	0.4	2.154111	0.5	2.240525	1	2.300048	2	2.468449	5	2.44198	10	2.80235
1,1,1,2-Tetrachloroethane	0.4	~~0~~	0.5	0.5705606	1	0.5480109	2	0.5137899	5	0.56201	10	0.6729177
1,1,2,2-Tetrachloroethane	0.4	0.9096577	0.5	0.8343406	1	1.046333	2	0.9194738	5	0.8969804	10	1.026027
Tetrachloroethylene	0.4	0.5597954	0.5	0.6096652	1	0.5558455	2	0.620277	5	0.5669389	10	0.6046531
Tetrahydrofuran	0.4	~~0~~	0.5	~~0~~	1	0.2051326	2	0.1655405	5	0.1419946	10	0.1636056
Toluene	0.4	1.813095	0.5	1.877769	1	1.934482	2	2.052464	5	1.958504	10	2.073872
1,2,3-Trichlorobenzene	0.4	~~0~~	0.5	~~0~~	1	~~0~~	2	8.638051E-02	5	0.3837509	10	0.6005351
1,2,4-Trichlorobenzene	0.4	~~0~~	0.5	~~0~~	1	0.1632742	2	0.1883964	5	0.5092975	10	0.7724091
1,3,5-Trichlorobenzene	0.4	0.3625974	0.5	0.4386927	1	0.9152147	2	0.9232581	5	1.155666	10	1.355028
1,1,1-Trichloroethane	0.4	~~0~~	0.5	~~0~~	1	0.909437	2	0.9359172	5	0.9530798	10	1.054799
1,1,2-Trichloroethane	0.4	0.370954	0.5	0.4759774	1	0.4440641	2	0.4280562	5	0.4189221	10	0.4519382

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11H1080

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100028 Instrument: GCMSVOA3

Calibration Date: 8/31/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.5107401	0.5	0.5728221	1	0.5684406	2	0.5737698	5	0.5393665	10	0.5698086
Trichlorofluoromethane (Freon 1	0.4	1.022789	0.5	1.036085	1	1.032375	2	1.01568	5	1.028698	10	1.087851
1,2,3-Trichloropropane	0.4	0.7339606	0.5	0.7614963	1	0.8677105	2	0.8251877	5	0.8070277	10	0.8392882
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.5397343	0.5	0.5426767	1	0.5655867	2	0.5497965	5	0.5229285	10	0.5854114
1,2,4-Trimethylbenzene	0.4	3.092798	0.5	3.196076	1	3.607517	2	3.708668	5	3.558952	10	3.987736
1,3,5-Trimethylbenzene	0.4	2.534249	0.5	2.719309	1	2.950631	2	3.223147	5	3.214573	10	3.683745
Vinyl Acetate	4	0.6469691	5	0.7024217	10	0.7985453	20	0.817735	50	0.9362541	100	1.080965
Vinyl Chloride	0.4	0.6516687	0.5	0.7606211	1	0.8332483	2	0.8002727	5	0.7537425	10	0.8135763
m+p Xylene	0.8	2.827347	1	3.145304	2	3.15969	4	3.339635	10	3.220535	20	3.616116
o-Xylene	0.4	3.059721	0.5	3.419513	1	3.296054	2	3.39242	5	3.310642	10	3.729227
1,2-Dichloroethane-d4	25	0.6560663	25	0.6723173	25	0.6621333	25	0.6587212	25	0.6668415	25	0.6698146
Toluene-d8	25	1.175009	25	1.173817	25	1.152223	25	1.191105	25	1.173615	25	1.17079
4-Bromofluorobenzene	25	0.8858633	25	0.8617583	25	0.8594152	25	0.8845135	25	0.8788718	25	0.8890406

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H1080

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100028 Instrument: GCMSVOA3

Calibration Date: 8/31/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.224763	50	0.2926973	100	0.3080303	200	0.3425904				
Ethyl Methacrylate	20	0.5303702	50	0.6004617	100	0.5848538	200	0.5891791				
Acetone	200	0.1568424	500	0.1696065	1000	0.1581622	2000	0.1563044				
Acrolein	200	0.0553052	500	5.675919E-02	1000	5.728435E-02	2000	0.0576727				
Acrylonitrile	20	0.2099593	50	0.2294882	100	0.2135737	200	0.2188147				
tert-Amyl Methyl Ether (TAME)	20	1.781887	50	1.957835	100	1.851267	200	1.880682				
Benzene	20	2.681525	50	2.848509	100	2.608887	200	2.584212				
Bromobenzene	20	1.760704	50	1.931676	100	1.766567	200	1.754213				
Bromochloromethane	20	0.5936865	50	0.6294906	100	0.5691417	200	0.5462217				
Bromodichloromethane	20	0.7530764	50	0.8586549	100	0.8329216	200	0.85665				
Bromoform	20	0.5012051	50	0.6950311	100	0.7530544	200	0.8185244				
Bromomethane	20	0.4369094	50	0.5415378	100	0.5192299	200	0.4700349				
2-Butanone (MEK)	200	0.2640173	500	0.28112	1000	0.2681304	2000	0.2666055				
tert-Butyl Alcohol (TBA)	200	2.720742E-02	500	3.637892E-02	1000	3.947295E-02	2000	0.0436375				
n-Butylbenzene	20	3.057322	50	3.205957	100	2.953342	200	2.992311				
sec-Butylbenzene	20	4.149742	50	4.28826	100	3.914048	200	3.870999				
tert-Butylbenzene	20	3.024869	50	3.100046	100	2.816197	200	2.828007				
tert-Butyl Ethyl Ether (TBEE)	20	2.137044	50	2.340291	100	2.258675	200	2.295258				
Carbon Disulfide	200	1.728353	500	1.888551	1000	~~0~~	2000	~~0~~				
Carbon Tetrachloride	20	0.7002783	50	0.8928614	100	0.9299295	200	0.9904175				
Chlorobenzene	20	2.524969	50	2.683748	100	2.465836	200	2.434773				
Chlorodibromomethane	20	0.4884611	50	~~0~~	100	~~0~~	200	~~0~~				
Chloroethane	20	0.365337	50	0.3983242	100	0.3662787	200	0.3386228				
2-Chloroethyl Vinyl Ether	200	0.2499442	500	0.2648194	1000	0.2463052	2000	0.2454301				
Chloroform	20	1.465074	50	1.580579	100	1.457485	200	1.43703				
Chloromethane	20	0.6872058	50	0.7658312	100	0.7586558	200	0.7947772				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H1080

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100028 Instrument: GCMSVOA3

Calibration Date: 8/31/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.992253	50	3.240681	100	3.021715	200	2.954742				
4-Chlorotoluene	20	3.466904	50	3.736032	100	3.507285	200	3.420164				
Cyclohexane	20	1.000124	50	1.038333	100	0.9521787	200	0.9575871				
1,2-Dibromo-3-chloropropane (D	20	0.1330248	50	0.1858141	100	0.1935301	200	0.2108939				
1,2-Dibromoethane (EDB)	20	0.4874108	50	0.5236772	100	0.4677781	200	0.4717868				
Dibromomethane	20	0.348642	50	0.3691882	100	0.3428515	200	0.3399522				
1,2-Dichlorobenzene	20	2.15387	50	2.266784	100	2.087264	200	2.09117				
1,3-Dichlorobenzene	20	2.241775	50	2.358432	100	2.14426	200	2.167837				
1,4-Dichlorobenzene	20	2.254115	50	2.322114	100	2.187679	200	2.18259				
trans-1,4-Dichloro-2-butene	20	0.2172816	50	0.2788869	100	0.3049262	200	0.3337225				
Dichlorodifluoromethane (Freon	20	1.010591	50	1.13197	100	0.9735283	200	0.902756				
1,1-Dichloroethane	20	1.26677	50	1.333387	100	1.253262	200	1.250364				
1,2-Dichloroethane	20	0.9271168	50	0.9879446	100	0.9130151	200	0.8939781				
1,1-Dichloroethylene	20	1.015308	50	1.078063	100	0.9825288	200	0.9480794				
cis-1,2-Dichloroethylene	20	1.205518	50	1.288671	100	1.189201	200	1.184937				
trans-1,2-Dichloroethylene	20	1.002416	50	1.061392	100	0.9853456	200	0.961137				
Dichlorofluoromethane (Freon 2	20	1.285604	50	1.380836	100	1.275523	200	1.205015				
1,2-Dichloropropane	20	0.4608604	50	0.5094098	100	0.4699934	200	0.4716053				
1,3-Dichloropropane	20	0.7899553	50	0.8442154	100	0.7618728	200	0.7624253				
2,2-Dichloropropane	20	0.7432684	50	~~0~~	100	~~0~~	200	~~0~~				
1,1-Dichloropropene	20	1.066018	50	1.1207	100	1.025237	200	1.009747				
cis-1,3-Dichloropropene	20	0.723018	50	~~0~~	100	~~0~~	200	~~0~~				
trans-1,3-Dichloropropene	20	~~0~~	50	~~0~~	100	~~0~~	200	~~0~~				
Diethyl Ether	20	0.4210906	50	0.4644524	100	0.4329735	200	0.4225329				
Difluorochloromethane (Freon 2	20	1.086973	50	1.174009	100	1.046833	200	1.011447				
Diisopropyl Ether (DIPE)	20	2.282323	50	2.46649	100	2.257936	200	2.243736				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H1080

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100028 Instrument: GCMSVOA3

Calibration Date: 8/31/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	2.956518E-03	500	3.334504E-03	1000	3.242424E-03	2000	3.34628E-03				
Ethyl Acetate	20	0.6377786	50	0.6252465	100	0.6214396	200	0.6194492				
Ethylbenzene	20	4.330486	50	4.694644	100	4.352225	200	4.336993				
Hexachlorobutadiene	20	0.6209951	50	0.6767108	100	0.5886408	200	0.6251561				
2-Hexanone (MBK)	200	0.2848198	500	0.3141261	1000	0.303686	2000	0.2982653				
Iodomethane	200	0.995998	500	1.097681	1000	0.983934	2000	~~0.7670362~~				
Isopropylbenzene (Cumene)	20	3.614361	50	3.890032	100	3.517162	200	3.51447				
p-Isopropyltoluene (p-Cymene)	20	3.440877	50	3.476559	100	3.245042	200	3.211894				
Methyl Acetate	20	1.038263	50	1.08487	100	1.020257	200	1.04302				
Methyl tert-Butyl Ether (MTBE)	20	2.094211	50	2.215172	100	2.073944	200	2.075405				
Methyl Cyclohexane	20	0.6747221	50	0.7161827	100	0.6616584	200	0.6672452				
Methylene Chloride	20	0.8704311	50	0.8944305	100	0.800741	200	0.809116				
4-Methyl-2-pentanone (MIBK)	200	0.4343695	500	0.4678614	1000	0.4416738	2000	0.4382753				
Naphthalene	20	1.536399	50	2.140491	100	2.244602	200	2.507443				
n-Propylbenzene	20	4.574101	50	4.994324	100	4.708272	200	4.607828				
Styrene	20	2.773452	50	2.930703	100	2.707626	200	2.684213				
1,1,1,2-Tetrachloroethane	20	0.7471821	50	~~0~~	100	~~0~~	200	~~0~~				
1,1,2,2-Tetrachloroethane	20	1.01631	50	1.112443	100	1.048501	200	1.053225				
Tetrachloroethylene	20	0.5976307	50	0.6240213	100	0.5686601	200	0.5664159				
Tetrahydrofuran	20	0.1473313	50	0.1664351	100	0.1540577	200	0.1546773				
Toluene	20	2.045044	50	2.128652	100	1.993857	200	2.006727				
1,2,3-Trichlorobenzene	20	0.803914	50	1.062932	100	1.069528	200	1.17071				
1,2,4-Trichlorobenzene	20	1.027058	50	1.281919	100	1.244364	200	1.346653				
1,3,5-Trichlorobenzene	20	1.474157	50	1.590111	100	1.44803	200	1.504674				
1,1,1-Trichloroethane	20	1.130716	50	1.298437	100	1.259959	200	1.277423				
1,1,2-Trichloroethane	20	0.4479636	50	0.4722622	100	0.4436665	200	0.4427104				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11H1080

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100028 Instrument: GCMSVOA3

Calibration Date: 8/31/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.5482165	50	0.5761683	100	0.5416329	200	0.5404164				
Trichlorofluoromethane (Freon 1	20	1.132232	50	1.205241	100	1.077674	200	1.035412				
1,2,3-Trichloropropane	20	0.8256426	50	0.8975842	100	0.8449569	200	0.8373878				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.5851328	50	0.6005505	100	0.5436843	200	0.5344401				
1,2,4-Trimethylbenzene	20	3.923694	50	4.074603	100	3.646587	200	3.644056				
1,3,5-Trimethylbenzene	20	3.51575	50	3.737153	100	3.445844	200	3.373143				
Vinyl Acetate	200	1.190531	500	1.375821	1000	1.329892	2000	~~1.073034~~				
Vinyl Chloride	20	0.8139837	50	0.860931	100	0.7819834	200	0.7944231				
m+p Xylene	40	3.399241	100	3.63225	200	3.371307	400	3.345176				
o-Xylene	20	3.55975	50	3.787964	100	3.526779	200	3.482619				
1,2-Dichloroethane-d4	25	0.6803453	25	0.6736076	25	0.6691855	25	0.6615974				
Toluene-d8	25	1.160635	25	1.173793	25	1.168152	25	1.171602				
4-Bromofluorobenzene	25	0.8643077	25	0.9038395	25	0.9032591	25	0.91768				

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100028	Instrument:	GCMSVOA3
		Calibration Date:	8/31/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2295347	32.62752	0.9972397		0.995	
Ethyl Methacrylate	0.4594469	25.76535	0.9997923		0.995	
Acetone	0.1680692	8.608863			15	
Acrolein	5.027985E-02	14.27472			15	
Acrylonitrile	0.216962	6.787999			15	
tert-Amyl Methyl Ether (TAME)	1.652616	13.18605			15	
Benzene	2.542275	7.724532			15	
Bromobenzene	1.738575	6.042164			15	
Bromochloromethane	0.5818354	5.591829			15	
Bromodichloromethane	0.7140706	14.768			15	
Bromoform	0.4649323	47.0591	0.9973062		0.995	
Bromomethane	0.5047394	13.57998			15	
2-Butanone (MEK)	0.2517647	11.82433			15	
tert-Butyl Alcohol (TBA)	0.0314575	26.17981	0.9973382		0.995	
n-Butylbenzene	2.480343	27.54097	0.9995888		0.995	
sec-Butylbenzene	3.829527	10.65419			15	
tert-Butylbenzene	2.897292	5.543031			15	
tert-Butyl Ethyl Ether (TBEE)	2.026808	11.58774			15	
Carbon Disulfide	1.656545	8.422791			15	
Carbon Tetrachloride	0.6626711	31.74469	0.9985573		0.995	
Chlorobenzene	2.501881	3.965828			15	
Chlorodibromomethane	0.3936584	14.00889			15	
Chloroethane	0.3766937	7.483582			15	
2-Chloroethyl Vinyl Ether	0.2329285	9.356807			15	
Chloroform	1.429143	6.084604			15	
Chloromethane	0.7172366	6.276612			15	
2-Chlorotoluene	2.985157	5.783616			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100028	Instrument:	GCMSVOA3
		Calibration Date:	8/31/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	3.323526	9.195723			15	
Cyclohexane	0.9995293	3.73177			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1330552	43.35827	0.9980441		0.995	
1,2-Dibromoethane (EDB)	0.4445757	11.57888			15	
Dibromomethane	0.344231	3.91809			15	
1,2-Dichlorobenzene	2.080535	5.733242			15	
1,3-Dichlorobenzene	2.154256	6.676608			15	
1,4-Dichlorobenzene	2.263883	4.112061			15	
trans-1,4-Dichloro-2-butene	0.221909	33.79723	0.9975224		0.995	
Dichlorodifluoromethane (Freon 12)	1.024499	7.334849			15	
1,1-Dichloroethane	1.211565	7.670467			15	
1,2-Dichloroethane	0.9091609	5.588167			15	
1,1-Dichloroethylene	0.9968224	6.987822			15	
cis-1,2-Dichloroethylene	1.147686	8.13382			15	
trans-1,2-Dichloroethylene	0.9634846	5.991314			15	
Dichlorofluoromethane (Freon 21)	1.257464	5.098398			15	
1,2-Dichloropropane	0.4683292	4.471789			15	
1,3-Dichloropropane	0.7640374	7.728444			15	
2,2-Dichloropropane	0.6182939	14.57695			15	
1,1-Dichloropropene	1.028552	4.255007			15	
cis-1,3-Dichloropropene	0.5946245	13.78546			15	
trans-1,3-Dichloropropene	0.4179383	12.06381			15	
Diethyl Ether	0.4201591	6.532693			15	
Difluorochloromethane (Freon 22)	1.063384	9.239872			15	
Diisopropyl Ether (DIPE)	2.169635	8.694348			15	
1,4-Dioxane	3.146148E-03	6.103925			15	
Ethyl Acetate	0.6341816	8.915076			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100028	Instrument:	GCMSVOA3
		Calibration Date:	8/31/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	4.23402	7.467063			15	
Hexachlorobutadiene	0.5269617	25.43695	0.998625		0.995	
2-Hexanone (MBK)	0.2748031	11.7588			15	
Iodomethane	0.795715	29.71384	0.9970105		0.995	
Isopropylbenzene (Cumene)	3.442255	7.59223			15	
p-Isopropyltoluene (p-Cymene)	3.093604	11.50485			15	
Methyl Acetate	1.037692	7.40083			15	
Methyl tert-Butyl Ether (MTBE)	1.979012	7.427043			15	
Methyl Cyclohexane	0.6555529	5.441602			15	
Methylene Chloride	0.8685047	6.037057			15	
4-Methyl-2-pentanone (MIBK)	0.412119	11.09134			15	
Naphthalene	1.6523	47.46688	0.9982895		0.995	
n-Propylbenzene	4.388938	9.673975			15	
Styrene	2.550346	10.41273			15	
1,1,1,2-Tetrachloroethane	0.6024119	14.73373			15	
1,1,2,2-Tetrachloroethane	0.9863291	9.052615			15	
Tetrachloroethylene	0.5873903	4.499933			15	
Tetrahydrofuran	0.1623468	11.93114			15	
Toluene	1.988447	4.78352			15	
1,2,3-Trichlorobenzene	0.7396786	54.52776	0.9986207		0.995	
1,2,4-Trichlorobenzene	0.8166714	59.31595	0.9988302		0.995	
1,3,5-Trichlorobenzene	1.116743	39.78841	0.999397		0.995	
1,1,1-Trichloroethane	1.102471	14.71407			15	
1,1,2-Trichloroethane	0.4396515	6.752266			15	
Trichloroethylene	0.5541382	3.875712			15	
Trichlorofluoromethane (Freon 11)	1.067404	5.683282			15	
1,2,3-Trichloropropane	0.8240242	5.789472			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100028	Instrument:	GCMSVOA3
		Calibration Date:	8/31/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5569942	4.624495			15	
1,2,4-Trimethylbenzene	3.644069	8.673116			15	
1,3,5-Trimethylbenzene	3.239754	12.32119			15	
Vinyl Acetate	0.9865705	27.34773	0.9990409		0.995	
Vinyl Chloride	0.7864451	7.268581			15	
m+p Xylene	3.30566	7.143637			15	
o-Xylene	3.456469	6.178434			15	
1,2-Dichloroethane-d4	0.667063	1.121479			15	
Toluene-d8	1.171074	0.8592326			15	
4-Bromofluorobenzene	0.8848549	2.207505			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001010	Instrument:	GCMSVOA3
Calibration:	1100028		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1109033	0.4ppb 8260 Calibration Standard	S001010-CAL1	VC243010.D	08/31/11 06:48
1109034	0.5ppb 8260 Calibration Standard	S001010-CAL2	VC243011.D	08/31/11 07:18
1109035	1ppb 8260 Calibration Standard	S001010-CAL3	VC243012.D	08/31/11 07:48
1109036	2ppb 8260 Calibration Standard	S001010-CAL4	VC243013.D	08/31/11 08:18
1109037	5ppb 8260 Calibration Standard	S001010-CAL5	VC243014.D	08/31/11 08:49
1109038	10ppb 8260 Calibration Standard	S001010-CAL6	VC243015.D	08/31/11 09:19
1109039	20ppb 8260 Calibration Standard	S001010-CAL7	VC243016.D	08/31/11 09:49
1109040	50ppb 8260 Calibration Standard	S001010-CAL8	VC243017.D	08/31/11 10:19
1109041	100ppb 8260 Calibration Standard	S001010-CAL9	VC243018.D	08/31/11 10:49
1109042	200ppb 8260 Calibration Standard	S001010-CALA	VC243019.D	08/31/11 11:19

Response Factor Report GCMSVOA3

Method Path : X:\1\METHODS\
Method File : C0831W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC243010.D 0.5 =VC243011.D 1.0 =VC243012.D 2.0 =VC243013.D 5.0 =VC243014.D 10 =VC243015.D 20 =VC243019.D
50 =VC243017.D 100 =VC243018.D 200 =VC243019.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.656	0.672	0.662	0.659	0.667	0.670	0.680	0.674	0.669	0.662	0.667	1.12
3)		DICHLORODIFLUO...	0.942	1.128	1.073	1.024	0.999	1.059	1.011	1.132	0.974	0.903	1.024	7.33
4)		DIFLUOROCHLORO...	0.836	1.183	1.079	1.041	1.048	1.128	1.087	1.174	1.047	1.011	1.063	9.24
5)	P	CHLOROMETHANE	0.639	0.711	0.698	0.720	0.697	0.702	0.687	0.766	0.759	0.795	0.717	6.28
6)	C	VINYL CHLORIDE	0.652	0.761	0.833	0.800	0.754	0.814	0.814	0.861	0.782	0.794	0.786	7.27#
7)		BROMOMETHANE			0.637	0.457	0.472	0.437	0.542	0.519	0.470	0.505		13.58
8)		CHLOROETHANE	0.378	0.440	0.358	0.389	0.354	0.379	0.365	0.398	0.366	0.339	0.377	7.48
9)		FLUORODICHLORO...	1.242	1.180	1.212	1.251	1.203	1.339	1.286	1.381	1.276	1.205	1.257	5.10
10)		TRICHLOROFLUOR...	1.023	1.036	1.032	1.016	1.029	1.088	1.132	1.205	1.078	1.035	1.067	5.68
11)		ETHANOL					0.005	0.004	0.004	0.003	0.003		0.004	0.996(LR)
12)		DI ETHYL ETHER	0.362	0.450	0.403	0.417	0.410	0.419	0.421	0.464	0.433	0.423	0.420	6.53
13)		ACROLEIN		0.039	0.041	0.046	0.048	0.051	0.055	0.057	0.057	0.058	0.050	14.27
14)		ACETONE	0.195	0.182	0.186	0.164	0.156	0.157	0.157	0.170	0.158	0.156	0.168	8.61
15)	C	1,1-DICHLOROET...	0.844	1.065	1.049	0.979	0.964	1.043	1.015	1.078	0.983	0.948	0.997	6.99#
16)		1,1,2-TRICL-1,...	0.540	0.543	0.566	0.550	0.523	0.585	0.585	0.601	0.544	0.534	0.557	4.62
17)		IODOMETHANE	0.400	0.605	0.557	0.744	0.815	0.962	0.996	1.098	0.984		0.796	0.997(LR)
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	0.873	1.175	1.093	1.007	1.016	1.026	1.038	1.085	1.020	1.043	1.038	7.40
21)		T-BUTYL ALCOHOL				0.023	0.024	0.027	0.027	0.036	0.039	0.044	0.031	0.997(LR)
22)		ACRYLONITRILE			0.245	0.203	0.199	0.218	0.210	0.229	0.214	0.219	0.217	6.79
23)		METHYLENE CHLO...					0.915	0.921	0.870	0.894	0.801	0.809	0.869	6.04
24)		CARBON DISULFIDE	1.422	1.616	1.563	1.649	1.626	1.760	1.728	1.889			1.657	8.42
25)		METHYL TERT-BU...	1.708	1.891	1.851	1.928	1.918	2.035	2.094	2.215	2.074	2.075	1.979	7.43
26)		TRANS 1,2-DICH...	0.864	0.964	0.897	0.944	0.936	1.019	1.002	1.061	0.985	0.961	0.963	5.99
27)	P	1,1-DICHLOROET...	1.014	1.212	1.123	1.219	1.154	1.290	1.267	1.333	1.253	1.250	1.212	7.67
28)		VINYL ACETATE	0.647	0.702	0.799	0.818	0.936	1.081	1.191	1.376	1.330		0.987	0.999(LR)
29)		DI ISOPROYL ETHER	1.829	1.919	2.097	2.217	2.095	2.289	2.282	2.466	2.258	2.244	2.170	8.69
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.187	0.223	0.284	0.237	0.243	0.263	0.264	0.281	0.268	0.267	0.252	11.82
32)		T-BUTYL ETHYL ...	1.658	1.777	1.890	1.864	1.933	2.115	2.137	2.340	2.259	2.295	2.027	11.59
33)		CIS-1,2-DICHLO...	0.980	1.035	1.088	1.168	1.112	1.225	1.206	1.289	1.189	1.185	1.148	8.13
34)		2,2-DICHLOROPR...			0.518	0.581	0.573	0.677	0.743				0.618	14.58
35)		ETHYL ACETATE	0.751	0.692	0.662	0.578	0.555	0.600	0.638	0.625	0.621	0.619	0.634	8.92
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.525	0.590	0.610	0.604	0.553	0.597	0.594	0.629	0.569	0.546	0.582	5.59
39)		TETRAHYDROFURAN			0.205	0.166	0.142	0.164	0.147	0.166	0.154	0.155	0.162	11.93

40)	C	CHLOROFORM	1.279	1.430	1.330	1.452	1.359	1.501	1.465	1.581	1.457	1.437	1.429	6.08#
41)		1,1,1-TRICHLOR...			0.909	0.936	0.953	1.055	1.131	1.298	1.260	1.277	1.102	14.71
42)		CYCLOHEXANE					1.035	1.014	1.000	1.038	0.952	0.958	1.000	3.73
43)		CARBON TETRACH...	0.375	0.602	0.464	0.509	0.545	0.617	0.700	0.893	0.930	0.990	0.663	0.999(LR)
44)		1,1-DICHLOROPR...	1.023	1.033	0.980	0.988	0.983	1.057	1.066	1.121	1.025	1.010	1.029	4.26
45)		BENZENE	2.224	2.268	2.454	2.503	2.506	2.744	2.682	2.849	2.609	2.584	2.542	7.72
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.311	1.419	1.505	1.501	1.588	1.730	1.782	1.958	1.851	1.881	1.653	13.19
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.175	1.174	1.152	1.191	1.174	1.171	1.161	1.174	1.168	1.172	1.171	0.86
50)		1,2-DICHLOROET...	0.800	0.863	0.928	0.939	0.899	0.940	0.927	0.988	0.913	0.894	0.909	5.59
51)		TRICHLOROETHENE	0.511	0.573	0.568	0.574	0.539	0.570	0.548	0.576	0.542	0.540	0.554	3.88
52)		METHYLCYCLOHEXANE	0.578	0.665	0.635	0.657	0.632	0.669	0.675	0.716	0.662	0.667	0.656	5.44
53)	C	1,2-DICHLOROPR...	0.463	0.439	0.454	0.499	0.457	0.459	0.461	0.509	0.470	0.472	0.468	4.47#
54)		DIBROMOMETHANE	0.319	0.348	0.342	0.341	0.334	0.358	0.349	0.369	0.343	0.340	0.344	3.92
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE					0.003	0.003	0.003	0.003	0.003	0.003	0.003	6.10
57)		BROMODICHLOROM...	0.576	0.628	0.616	0.659	0.650	0.710	0.753	0.859	0.833	0.857	0.714	14.77
58)		2-CHLOROETHYLV...	0.198	0.201	0.220	0.231	0.226	0.247	0.250	0.265	0.246	0.245	0.233	9.36
59)		MIBK	0.329	0.338	0.439	0.391	0.420	0.421	0.434	0.468	0.442	0.438	0.412	11.09
60)		CIS-1,3-DICHLO...	0.469	0.537	0.581	0.598	0.591	0.663	0.723				0.595	13.79
61)	C	TOLUENE	1.813	1.878	1.934	2.052	1.959	2.074	2.045	2.129	1.994	2.007	1.988	4.78#
62)		TRANS-1,3,-DIC...	0.355	0.415	0.384	0.415	0.435	0.504					0.418	12.06
63)		ETHYL METHACRY...		0.325	0.347	0.331	0.375	0.453	0.530	0.600	0.585	0.589	0.459	0.999(LR)
64)		1,1,2-TRICHLOR...	0.371	0.476	0.444	0.428	0.419	0.452	0.448	0.472	0.444	0.443	0.440	6.75
65)		2-HEXANONE			0.252	0.215	0.266	0.264	0.285	0.314	0.304	0.298	0.275	11.76
66)		TETRACHLOROETHENE	0.560	0.610	0.556	0.620	0.567	0.605	0.598	0.624	0.569	0.566	0.587	4.50
67)		1,3-DICHLOROPR...	0.625	0.720	0.798	0.773	0.760	0.806	0.790	0.844	0.762	0.762	0.764	7.73
68)		DIBROMOCHLOROM...		0.354	0.349	0.366	0.373	0.432	0.488				0.394	14.01
69)		1,2-DIBROMOETHANE		0.357	0.413	0.402	0.415	0.464	0.487	0.524	0.468	0.472	0.445	11.58
70)		CHLOROBENZENE-D5 ...	----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.886	0.862	0.859	0.885	0.879	0.889	0.864	0.904	0.903	0.918	0.885	2.21
72)	T	CHLOROBENZENE	2.490	2.356	2.595	2.455	2.415	2.599	2.525	2.684	2.466	2.435	2.502	3.97
73)		1,1,1,2-TETRAC...		0.571	0.548	0.514	0.562	0.673	0.747				0.602	14.73
74)	C	ETHYLBENZENE	3.543	4.003	4.249	4.047	4.254	4.529	4.330	4.695	4.352	4.337	4.234	7.47#
75)		M/P-XYLENES	2.827	3.145	3.160	3.340	3.221	3.616	3.399	3.632	3.371	3.345	3.306	7.14
76)		0-XYLENE	3.060	3.420	3.296	3.392	3.311	3.729	3.560	3.788	3.527	3.483	3.456	6.18
77)		STYRENE	2.154	2.241	2.300	2.468	2.442	2.802	2.773	2.931	2.708	2.684	2.550	10.41
78)	P	BROMOFORM	0.247	0.222	0.294	0.316	0.368	0.435	0.501	0.695	0.753	0.819	0.465	0.997(LR)
79)		ISOPROPYLBENZENE	3.029	3.270	3.145	3.448	3.299	3.695	3.614	3.890	3.517	3.514	3.442	7.59
80)		CIS-1,4-DICHLO...			0.157	0.154	0.170	0.187	0.225	0.293	0.308	0.343	0.230	0.997(LR)
81)	P	1,1,2,2-TETRAC...	0.910	0.834	1.046	0.919	0.897	1.026	1.016	1.112	1.049	1.053	0.986	9.05
82)		1,4-DICHLORO-2...			0.164	0.139	0.149	0.189	0.217	0.279	0.305	0.334	0.222	0.998(LR)
83)		BROMOBENZENE	1.528	1.659	1.726	1.734	1.698	1.828	1.761	1.932	1.767	1.754	1.739	6.04
84)		1,2,3-TRICHLOR...	0.734	0.761	0.868	0.825	0.807	0.839	0.826	0.898	0.845	0.837	0.824	5.79
85)		N-PROPYLBENZENE	3.827	3.721	4.112	4.266	4.244	4.834	4.574	4.994	4.708	4.608	4.389	9.67
86)		2-CHLOROT0LUENE	2.657	2.797	3.046	2.961	2.967	3.215	2.992	3.241	3.022	2.955	2.985	5.78
87)		1,3,5-TRIMETHY...	2.534	2.719	2.951	3.223	3.215	3.684	3.516	3.737	3.446	3.373	3.240	12.32
88)		4-CHLOROTOLUENE	2.678	3.110	3.106	3.309	3.271	3.631	3.467	3.736	3.507	3.420	3.324	9.20
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.530	2.988	2.878	2.927	2.853	3.028	3.025	3.100	2.816	2.828	2.897	5.54

91)	1,2,4-TRIMETHY...	3.093	3.196	3.608	3.709	3.559	3.988	3.924	4.075	3.647	3.644	3.644	8.67
92)	SEC-BUTYLBENZENE	2.979	3.263	3.972	3.889	3.810	4.159	4.150	4.288	3.914	3.871	3.830	10.65
93)	1,3-DICHLOROBE...	1.865	2.002	2.241	2.153	2.084	2.285	2.242	2.358	2.144	2.168	2.154	6.68
94)	P-ISOPROPYLTOL...	2.619	2.402	2.925	3.065	3.143	3.409	3.441	3.477	3.245	3.212	3.094	11.50
95)	1,4-DICHLOROBE...	2.233	2.363	2.429	2.237	2.119	2.313	2.254	2.322	2.188	2.183	2.264	4.11
96)	N-BUTYLBENZENE	1.362	1.420	2.112	2.172	2.554	2.974	3.057	3.206	2.953	2.992	2.480	1.000(LR)
97)	1,2-DICHLOROBE...	1.879	1.911	2.112	2.102	2.011	2.192	2.154	2.267	2.087	2.091	2.081	5.73
98)	1,2-DIBROMO-3-...			0.073	0.061	0.092	0.115	0.133	0.186	0.194	0.211	0.133	0.998(LR)
99)	1,3,5-TRICHLOR...	0.363	0.439	0.915	0.923	1.156	1.355	1.474	1.590	1.448	1.505	1.117	0.999(LR)
100)	1,2,4-TRICHLOR...			0.163	0.188	0.509	0.772	1.027	1.282	1.244	1.347	0.817	0.999(LR)
101)	HEXACHLOROBUTA...		0.249	0.405	0.472	0.519	0.587	0.621	0.677	0.589	0.625	0.527	0.999(LR)
102)	NAPHTHALENE					0.535	0.950	1.536	2.140	2.245	2.507	1.652	0.998(LR)
103)	1,2,3-TRICHLOR...				0.086	0.384	0.601	0.804	1.063	1.070	1.171	0.740	0.999(LR)

(#) = Out of Range

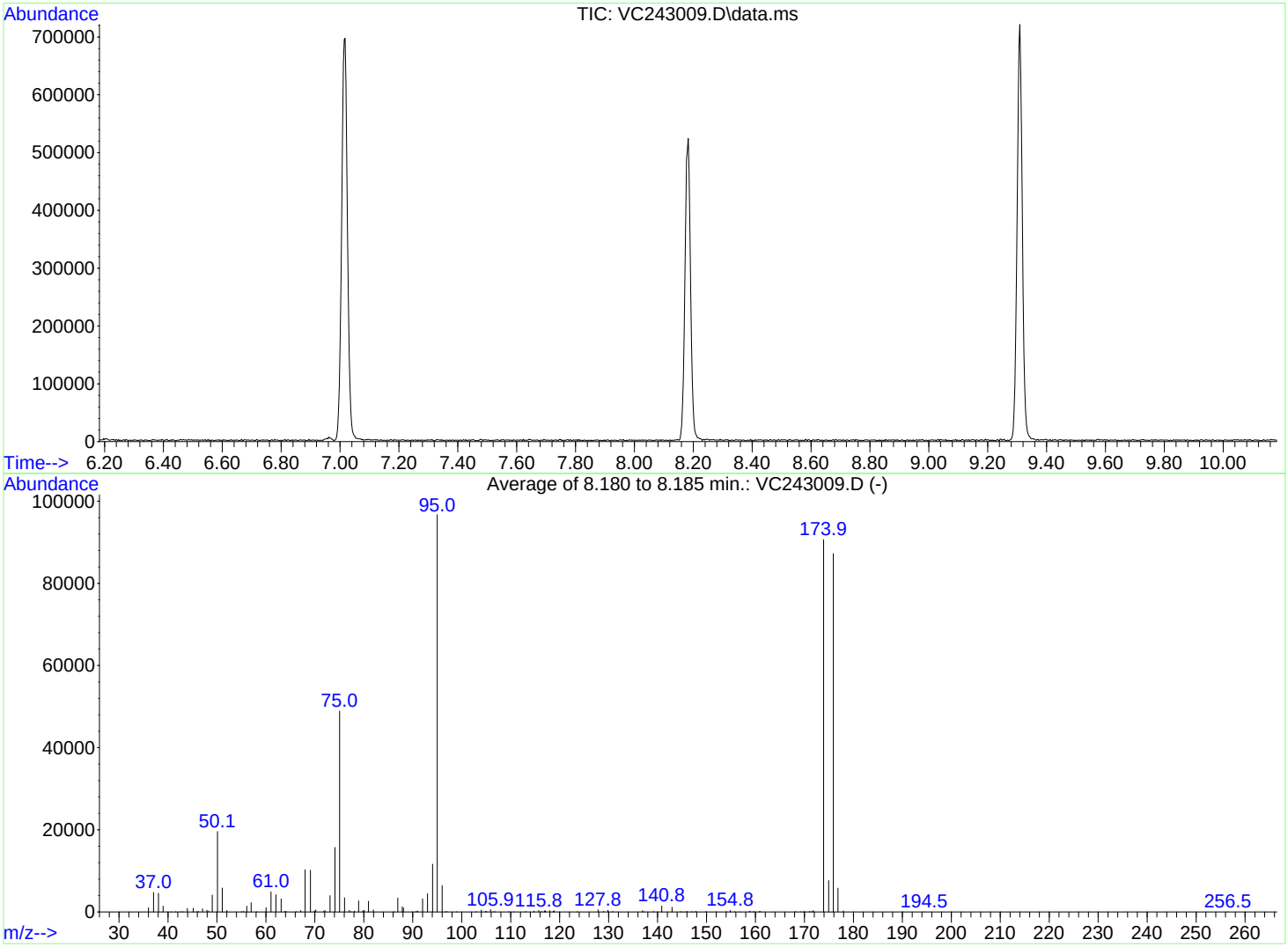
C0831W11.M Thu Sep 29 10:04:46 2011

BFB

Data Path : X:\1\DATA\083111\
Data File : VC243009.D
Acq On : 31 Aug 2011 6:18 am
Operator :
Sample : BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: 8260B.P

Method : Z:\1\METHODS\E090211W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5
Last Update : Tue Sep 06 11:09:16 2011



Spectrum Information: Average of 8.180 to 8.185 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	19592	PASS
75	95	30	60	50.6	48888	PASS
95	95	100	100	100.0	96712	PASS
96	95	5	9	6.7	6446	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	93.7	90648	PASS
175	174	5	9	8.4	7645	PASS
176	174	95	101	96.2	87248	PASS
177	176	5	9	6.6	5801	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243010.D
Acq On : 31 Aug 2011 6:48 am
Operator :
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 31 10:36:46 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	263324	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	345528	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	185262	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	157406	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	143965	25.84	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.36%				
49) TOLUENE SS	5.609	98	338332	24.52	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.08%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	136764	22.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	3308	0.38	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.877	51	2935	0.32	UG/L	#	78
5) CHLOROMETHANE	0.957	50	2242	0.33	UG/L		91
6) VINYL CHLORIDE	1.005	62	2288	0.34	UG/L	#	77
7) BROMOMETHANE	1.150	94	3882	0.86	UG/L		92
8) CHLOROETHANE	1.197	64	1328	0.43	UG/L	#	43
9) FLUORODICHLOROMETHANE	1.284	67	4361	0.41	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.317	101	3591	0.40	UG/L		99
12) DI ETHYL ETHER	1.454	59	1272	0.35	UG/L	#	84
14) ACETONE	1.604	43	6843	4.83	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	2964	0.35	UG/L	#	93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	1895	0.40	UG/L	#	53
17) IODOMETHANE	1.657	142	14059	1.86	UG/L		91
20) METHYL ACETATE	1.788	43	3066	0.39	UG/L	#	84
23) METHYLENE CHLORIDE	1.847	49	9931	1.31	UG/L		99
24) CARBON DISULFIDE	1.694	76	49920	3.51	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	5996	0.32	UG/L	#	79
26) TRANS 1,2-DICHLOROETHENE	2.025	61	3035	0.35	UG/L		94
27) 1,1-DICHLOROETHANE	2.321	63	3559	0.30	UG/L	#	82
28) VINYL ACETATE	2.377	43	22715	1.93	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	6421	0.31	UG/L	#	73
31) 2-BUTANONE	2.879	43	6569	2.64	UG/L	#	79
32) T-BUTYL ETHYL ETHER	2.709	59	5821m	0.27	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.834	61	3440	0.32	UG/L		98
34) 2,2-DICHLOROPROPANE	2.831	77	1605m	0.19	UG/L		
35) ETHYL ACETATE	2.948	43	2635m	0.39	UG/L		
38) BROMOCHLOROMETHANE	3.088	49	1843m	0.35	UG/L		
40) CHLOROFORM	3.177	83	4489	0.35	UG/L		93
41) 1,1,1-TRICHLOROETHANE	3.344	97	3205m	0.28	UG/L		
42) CYCLOHEXANE	3.403	56	7892	0.84	UG/L	#	72
43) CARBON TETRACHLORIDE	3.498	117	1317m	1.81	UG/L		
44) 1,1-DICHLOROPROPENE	3.517	75	3590	0.39	UG/L	#	76
45) BENZENE	3.724	78	7809	0.32	UG/L		93
47) T-AMYLMETHYL ETHER	3.872	73	4604	0.26	UG/L	#	84
50) 1,2-DICHLOROETHANE	3.763	62	3684m	0.39	UG/L		
51) TRICHLOROETHENE	4.396	95	2353	0.39	UG/L		96
52) METHYLCYCLOHEXANE	4.563	83	2664	0.36	UG/L	#	45
53) 1,2-DICHLOROPROPANE	4.602	63	2133m	0.40	UG/L		
54) DIBROMOMETHANE	4.730	93	1470m	0.38	UG/L		
57) BROMODICHLOROMETHANE	4.901	83	2654	0.33	UG/L	#	94
58) 2-CHLOROETHYLVINYLETHER	5.244	63	9127	3.48	UG/L		93
59) MIBK	5.542	43	15172	3.34	UG/L	#	87
60) CIS-1,3-DICHLOROPROPENE	5.355	75	2163	0.26	UG/L	#	54

Data Path : X:\1\DATA\083111\
Data File : VC243010.D
Acq On : 31 Aug 2011 6:48 am
Operator :
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

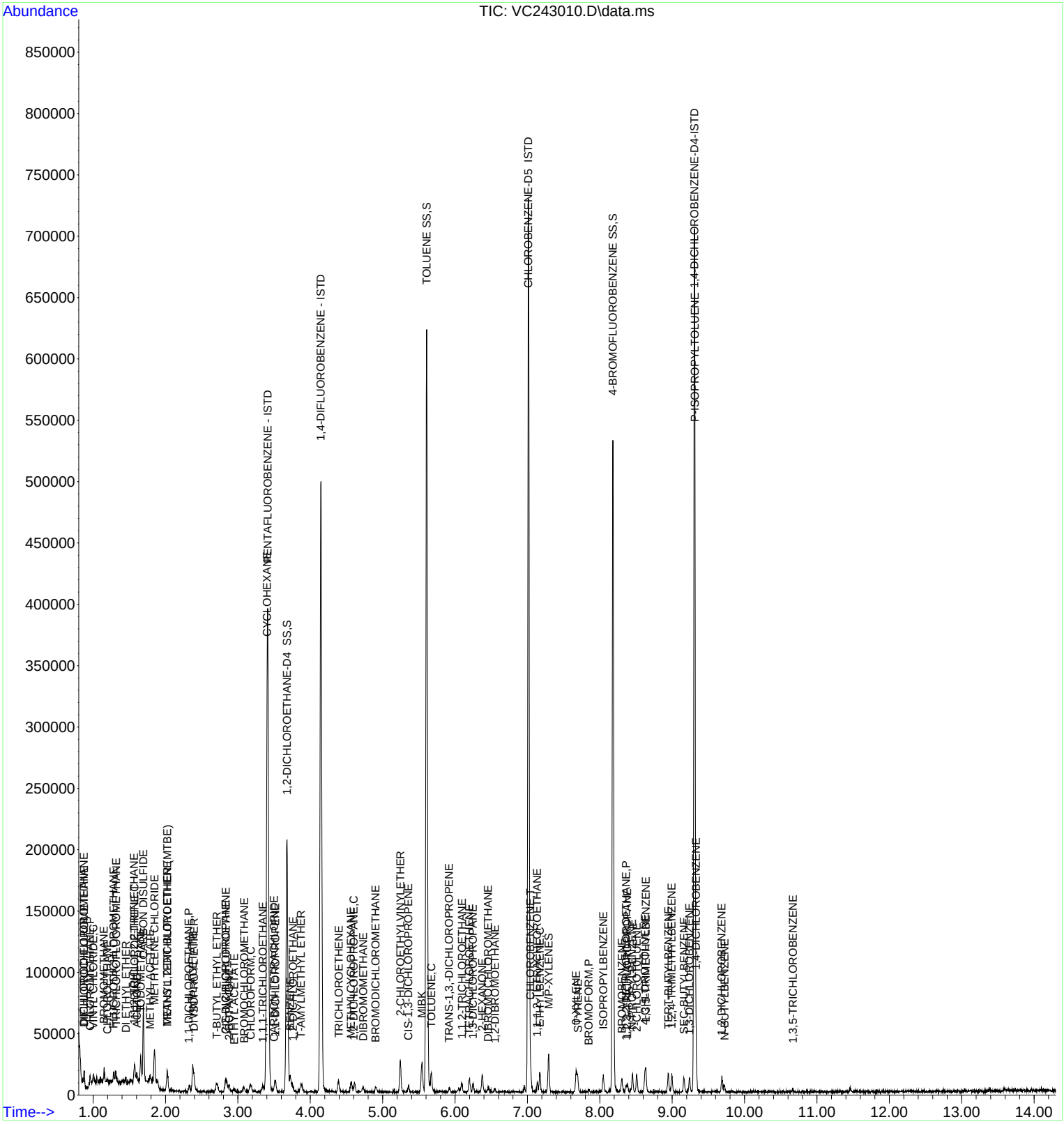
Quant Time: Aug 31 10:36:46 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) TOLUENE	5.673	91	8353	0.36	UG/L		97
62) TRANS-1,3,-DICHLOROPRO...	5.918	75	1636	0.23	UG/L	#	53
64) 1,1,2-TRICHLOROETHANE	6.094	97	1709m	0.34	UG/L		
65) 2-HEXANONE	6.376	43	7781	2.45	UG/L		99
66) TETRACHLOROETHENE	6.197	166	2579	0.40	UG/L	#	92
67) 1,3-DICHLOROPROPANE	6.247	76	2880	0.35	UG/L		94
68) DIBROMOCHLOROMETHANE	6.457	129	1309	0.23	UG/L	#	58
69) 1,2-DIBROMOETHANE	6.551	107	1379	0.25	UG/L	#	65
72) CHLOROBENZENE	7.039	112	6150	0.48	UG/L		87
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	1090m	0.24	UG/L		
74) ETHYLBENZENE	7.170	91	8752	0.39	UG/L		93
75) M/P-XYLENES	7.293	91	13968	0.80	UG/L		100
76) 0-XYLENE	7.672	91	7558	0.41	UG/L		97
77) STYRENE	7.698	104	5321m	0.38	UG/L		
78) BROMOFORM	7.845	173	609	0.20	UG/L	#	36
79) ISOPROPYLBENZENE	8.049	105	7481	0.42	UG/L		94
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	2247	0.41	UG/L	#	96
83) BROMOBENZENE	8.305	77	3774m	0.43	UG/L		
84) 1,2,3-TRICHLOROPROPANE	8.381	75	1813m	0.42	UG/L		
85) N-PROPYLBENZENE	8.448	91	9453	0.39	UG/L		97
86) 2-CHLOROT0LUENE	8.512	91	6562	0.42	UG/L		100
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	6260	0.37	UG/L	#	70
88) 4-CHLOROTOLUENE	8.623	91	6615	0.37	UG/L		98
90) TERT-BUTYLBENZENE	8.950	119	5310	0.49	UG/L		84
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	6491	0.47	UG/L		99
92) SEC-BUTYLBENZENE	9.162	105	6252	0.42	UG/L		98
93) 1,3-DICHLOROBENZENE	9.237	146	3914	0.46	UG/L		94
94) P-ISOPROPYLTOLUENE	9.315	119	5496	0.45	UG/L	#	76
95) 1,4-DICHLOROBENZENE	9.329	146	4686	0.53	UG/L	#	75
96) N-BUTYLBENZENE	9.725	91	2859m	0.25	UG/L		
97) 1,2-DICHLOROBENZENE	9.683	146	3944	0.47	UG/L		96
99) 1,3,5-TRICHLOROBENZENE	10.667	180	761	0.13	UG/L		95

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

Data Path : X:\1\DATA\083111\
Data File : VC243010.D
Acq On : 31 Aug 2011 6:48 am
Operator :
Sample : 8260 STD 0.4PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 31 10:36:46 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243011.D
Acq On : 31 Aug 2011 7:18 am
Operator :
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 31 10:39:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	247219	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	341991	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	186974	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	150447	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	138508	26.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.92%				
49) TOLUENE SS	5.606	98	334529	24.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.96%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	134272	21.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.28%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	4646	0.58	UG/L		93
4) DIFLUOROCHLOROMETHANE	0.879	51	4873	0.56	UG/L		99
5) CHLOROMETHANE	0.955	50	2928	0.46	UG/L		97
6) VINYL CHLORIDE	1.002	62	3134	0.49	UG/L	#	81
7) BROMOMETHANE	1.153	94	4060	0.96	UG/L		84
8) CHLOROETHANE	1.197	64	1812	0.62	UG/L		93
9) FLUORODICHLOROMETHANE	1.287	67	4863	0.49	UG/L	#	86
10) TRICHLOROFLUOROMETHANE	1.314	101	4269	0.50	UG/L		84
12) DI ETHYL ETHER	1.448	59	1853	0.54	UG/L	#	75
13) ACROLEIN	1.521	56	1587	3.15	UG/L		96
14) ACETONE	1.604	43	7484	5.63	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	4388	0.56	UG/L	#	93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	2236	0.51	UG/L	#	60
17) IODOMETHANE	1.657	142	24940	3.52	UG/L		94
20) METHYL ACETATE	1.788	43	4841	0.66	UG/L	#	85
23) METHYLENE CHLORIDE	1.844	49	10827	1.52	UG/L		90
24) CARBON DISULFIDE	1.694	76	66573	4.99	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	7790	0.44	UG/L		92
26) TRANS 1,2-DICHLOROETHENE	2.028	61	3970	0.48	UG/L		98
27) 1,1-DICHLOROETHANE	2.335	63	4993	0.46	UG/L	#	95
28) VINYL ACETATE	2.377	43	28942	2.62	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	7908	0.41	UG/L	#	71
31) 2-BUTANONE	2.873	43	9204	3.94	UG/L	#	74
32) T-BUTYL ETHYL ETHER	2.706	59	7323m	0.36	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.831	61	4265m	0.42	UG/L		
34) 2,2-DICHLOROPROPANE	2.831	77	2382m	0.30	UG/L		
35) ETHYL ACETATE	2.949	43	2853m	0.45	UG/L		
38) BROMOCHLOROMETHANE	3.071	49	2432	0.49	UG/L	#	87
40) CHLOROFORM	3.174	83	5892	0.48	UG/L	#	49
41) 1,1,1-TRICHLOROETHANE	3.345	97	3684m	0.35	UG/L		
42) CYCLOHEXANE	3.400	56	8136	0.93	UG/L	#	72
43) CARBON TETRACHLORIDE	3.517	117	2479m	1.94	UG/L		
44) 1,1-DICHLOROPROPENE	3.515	75	4257	0.49	UG/L	#	65
45) BENZENE	3.727	78	9346	0.40	UG/L	#	86
47) T-AMYLMETHYL ETHER	3.872	73	5848	0.36	UG/L	#	66
50) 1,2-DICHLOROETHANE	3.757	62	4919	0.53	UG/L	#	80
51) TRICHLOROETHENE	4.393	95	3265m	0.55	UG/L		
52) METHYLCYCLOHEXANE	4.563	83	3790m	0.52	UG/L		
53) 1,2-DICHLOROPROPANE	4.611	63	2505	0.47	UG/L	#	52
54) DIBROMOMETHANE	4.725	93	1984	0.52	UG/L	#	64
57) BROMODICHLOROMETHANE	4.898	83	3578	0.45	UG/L	#	58
58) 2-CHLOROETHYLVINYLETHER	5.246	63	11464	4.41	UG/L		96
59) MIBK	5.542	43	19266	4.28	UG/L	#	97

Data Path : X:\1\DATA\083111\
Data File : VC243011.D
Acq On : 31 Aug 2011 7:18 am
Operator :
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

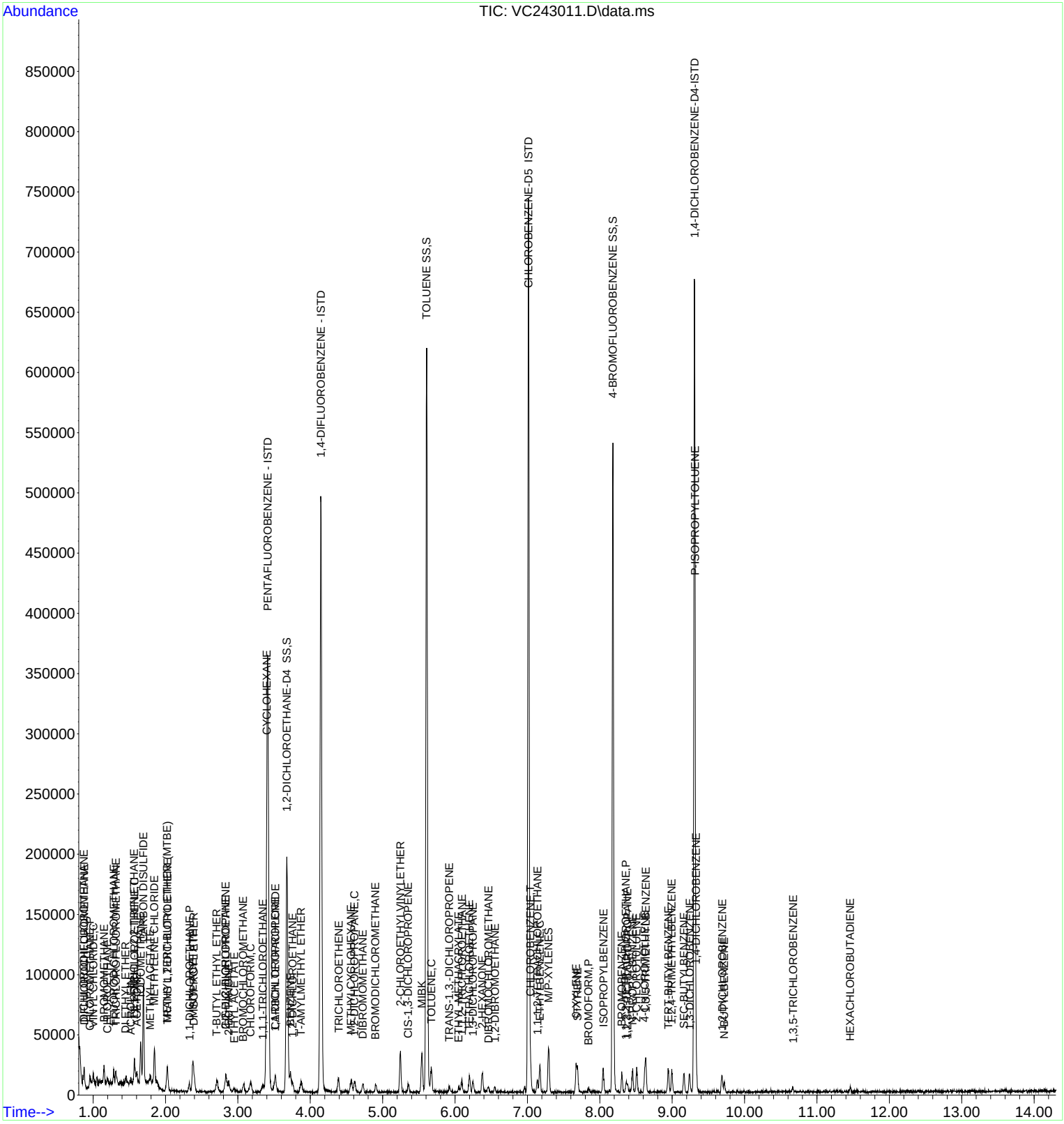
Quant Time: Aug 31 10:39:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) CIS-1,3-DICHLOROPROPENE	5.350	75	3060m	0.37	UG/L		
61) TOLUENE	5.673	91	10703	0.47	UG/L		97
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	2364m	0.33	UG/L		
63) ETHYL METHACRYLATE	6.047	69	1850m	0.29	UG/L		
64) 1,1,2-TRICHLOROETHANE	6.097	97	2713	0.54	UG/L	#	74
65) 2-HEXANONE	6.376	43	9424	3.00	UG/L		100
66) TETRACHLOROETHENE	6.197	166	3475	0.55	UG/L	#	69
67) 1,3-DICHLOROPROPANE	6.247	76	4103	0.50	UG/L		97
68) DIBROMOCHLOROMETHANE	6.462	129	2017	0.36	UG/L		94
69) 1,2-DIBROMOETHANE	6.551	107	2032	0.38	UG/L		92
72) CHLOROBENZENE	7.039	112	7342	0.56	UG/L		96
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	1778	0.39	UG/L	#	82
74) ETHYLBENZENE	7.171	91	12474	0.54	UG/L	#	72
75) M/P-XYLENES	7.290	91	19603	1.11	UG/L	#	69
76) 0-XYLENE	7.673	91	10656	0.58	UG/L		89
77) STYRENE	7.692	104	6982	0.50	UG/L		91
78) BROMOFORM	7.843	173	692m	0.23	UG/L		
79) ISOPROPYLBENZENE	8.052	105	10191	0.57	UG/L	#	81
81) 1,1,2,2-TETRACHLOROETHANE	8.358	83	2600	0.47	UG/L	#	95
83) BROMOBENZENE	8.303	77	5170	0.58	UG/L		95
84) 1,2,3-TRICHLOROPROPANE	8.384	75	2373m	0.54	UG/L		
85) N-PROPYLBENZENE	8.453	91	11597	0.48	UG/L		95
86) 2-CHLOROT0LUENE	8.509	91	8717	0.56	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	8474	0.50	UG/L		97
88) 4-CHLOROTOLUENE	8.621	91	9692	0.54	UG/L	#	76
90) TERT-BUTYLBENZENE	8.947	119	7492	0.72	UG/L		96
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	8014	0.60	UG/L		99
92) SEC-BUTYLBENZENE	9.164	105	8183	0.57	UG/L		94
93) 1,3-DICHLOROBENZENE	9.242	146	5020	0.61	UG/L		99
94) P-ISOPROPYLTOLUENE	9.318	119	6022	0.51	UG/L	#	90
95) 1,4-DICHLOROBENZENE	9.329	146	5924	0.70	UG/L		95
96) N-BUTYLBENZENE	9.719	91	3561	0.32	UG/L		95
97) 1,2-DICHLOROBENZENE	9.691	146	4792	0.60	UG/L	#	81
99) 1,3,5-TRICHLOROBENZENE	10.670	180	1100	0.20	UG/L	#	55
101) HEXACHLOROBUTADIENE	11.459	225	624	0.28	UG/L	#	44

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

Data Path : X:\1\DATA\083111\
Data File : VC243011.D
Acq On : 31 Aug 2011 7:18 am
Operator :
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 31 10:39:18 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243012.D
Acq On : 31 Aug 2011 7:48 am
Operator :
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 31 10:43:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	254762	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	342991	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	187770	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	156914	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	140572	26.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.32%				
49) TOLUENE SS	5.606	98	329335	24.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.16%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	134477	21.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	9116	1.10	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.879	51	9164	1.02	UG/L	#	88
5) CHLOROMETHANE	0.955	50	5929	0.90	UG/L		92
6) VINYL CHLORIDE	1.002	62	7076	1.07	UG/L		98
7) BROMOMETHANE	1.153	94	6281	1.44	UG/L		96
8) CHLOROETHANE	1.197	64	3044	1.01	UG/L	#	65
9) FLUORODICHLOROMETHANE	1.286	67	10295	1.00	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.312	101	8767	1.00	UG/L		99
12) DI ETHYL ETHER	1.457	59	3421	0.96	UG/L	#	85
13) ACROLEIN	1.521	56	3517	6.78	UG/L		87
14) ACETONE	1.604	43	15813	11.55	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	8908	1.10	UG/L	#	76
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	4803	1.05	UG/L		91
17) IODOMETHANE	1.660	142	47267	6.47	UG/L		90
20) METHYL ACETATE	1.786	43	9285	1.22	UG/L	#	92
22) ACRYLONITRILE	2.014	53	2078	0.97	UG/L	#	47
23) METHYLENE CHLORIDE	1.847	49	13750	1.88	UG/L		97
24) CARBON DISULFIDE	1.696	76	132712	9.65	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	15723	0.86	UG/L		93
26) TRANS 1,2-DICHLOROETHENE	2.023	61	7620	0.90	UG/L		98
27) 1,1-DICHLOROETHANE	2.332	63	9539	0.84	UG/L	#	92
28) VINYL ACETATE	2.380	43	67813	5.96	UG/L	#	100
29) DI ISOPROYL ETHER	2.396	45	17811m	0.90	UG/L		
31) 2-BUTANONE	2.876	43	24136	10.04	UG/L	#	82
32) T-BUTYL ETHYL ETHER	2.709	59	16054	0.76	UG/L	#	65
33) CIS-1,2-DICHLOROETHENE	2.831	61	9240	0.88	UG/L		97
34) 2,2-DICHLOROPROPANE	2.829	77	4403m	0.53	UG/L		
35) ETHYL ACETATE	2.949	43	5622	0.86	UG/L	#	70
38) BROMOCHLOROMETHANE	3.074	49	5181m	1.01	UG/L		
39) TETRAHYDROFURAN	3.130	42	1742m	1.13	UG/L		
40) CHLOROFORM	3.177	83	11297	0.90	UG/L		96
41) 1,1,1-TRICHLOROETHANE	3.344	97	7723	0.70	UG/L		92
42) CYCLOHEXANE	3.395	56	12075m	1.33	UG/L		
43) CARBON TETRACHLORIDE	3.509	117	3943	2.08	UG/L		96
44) 1,1-DICHLOROPROPENE	3.520	75	8320	0.93	UG/L		95
45) BENZENE	3.721	78	20839	0.87	UG/L		97
47) T-AMYLMETHYL ETHER	3.877	73	12781m	0.75	UG/L		
50) 1,2-DICHLOROETHANE	3.757	62	10610	1.14	UG/L	#	80
51) TRICHLOROETHENE	4.387	95	6499	1.10	UG/L		95
52) METHYLCYCLOHEXANE	4.571	83	7261	0.99	UG/L	#	82
53) 1,2-DICHLOROPROPANE	4.608	63	5195	0.98	UG/L	#	94
54) DIBROMOMETHANE	4.728	93	3906	1.02	UG/L		91
57) BROMODICHLOROMETHANE	4.906	83	7045	0.88	UG/L	#	91

Data Path : X:\1\DATA\083111\
Data File : VC243012.D
Acq On : 31 Aug 2011 7:48 am
Operator :
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 31 10:43:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

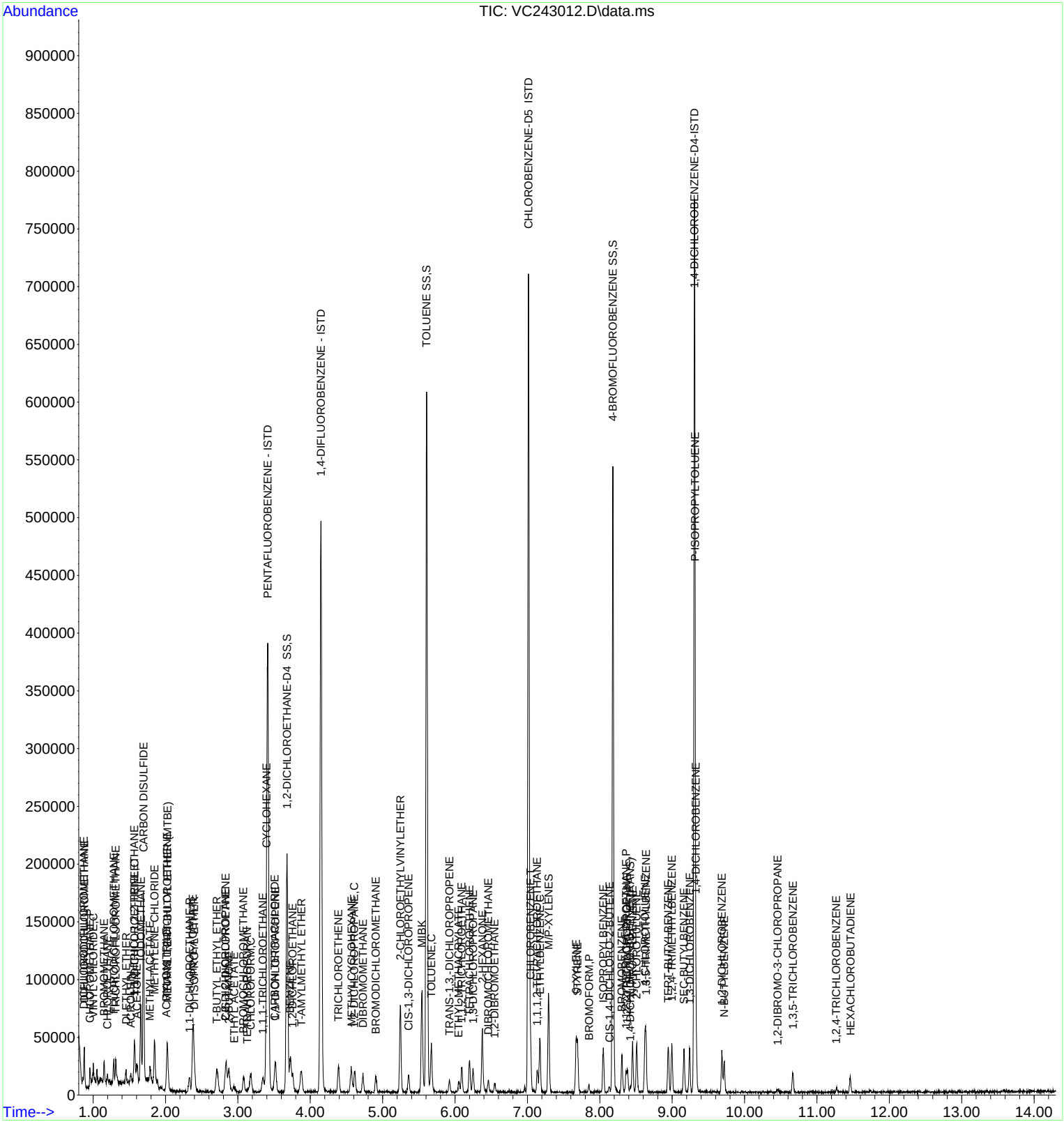
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) 2-CHLOROETHYLVINYLETHER	5.244	63	25140	9.65	UG/L		96
59) MIBK	5.542	43	50158	11.11	UG/L		99
60) CIS-1,3-DICHLOROPROPENE	5.358	75	6646	0.80	UG/L		97
61) TOLUENE	5.673	91	22117	0.97	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	4393	0.62	UG/L	#	81
63) ETHYL METHACRYLATE	6.047	69	3965m	0.62	UG/L		
64) 1,1,2-TRICHLOROETHANE	6.088	97	5077	1.01	UG/L		96
65) 2-HEXANONE	6.379	43	28864	9.16	UG/L		96
66) TETRACHLOROETHENE	6.200	166	6355	1.00	UG/L		95
67) 1,3-DICHLOROPROPANE	6.250	76	9125	1.11	UG/L		94
68) DIBROMOCHLOROMETHANE	6.459	129	3989	0.72	UG/L		97
69) 1,2-DIBROMOETHANE	6.546	107	4726	0.88	UG/L		86
72) CHLOROBENZENE	7.042	112	16241	1.24	UG/L		96
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	3430	0.76	UG/L		90
74) ETHYLBENZENE	7.173	91	26597	1.16	UG/L		99
75) M/P-XYLENES	7.293	91	39553	2.23	UG/L		97
76) 0-XYLENE	7.672	91	20630	1.11	UG/L		100
77) STYRENE	7.692	104	14396	1.03	UG/L		94
78) BROMOFORM	7.854	173	1838	0.61	UG/L	#	36
79) ISOPROPYLBENZENE	8.049	105	19684	1.09	UG/L		92
80) CIS-1,4-DICHLORO-2-BUTENE	8.135	53	984	0.69	UG/L	#	1
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	6549	1.17	UG/L	#	95
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	1027m	0.65	UG/L		
83) BROMOBENZENE	8.303	77	10804	1.21	UG/L		95
84) 1,2,3-TRICHLOROPROPANE	8.378	75	5431	1.24	UG/L		98
85) N-PROPYLBENZENE	8.453	91	25740	1.06	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	19068	1.22	UG/L		94
87) 1,3,5-TRIMETHYLBENZENE	8.640	105	18468	1.07	UG/L		96
88) 4-CHLOROTOLUENE	8.623	91	19440	1.08	UG/L		99
90) TERT-BUTYLBENZENE	8.944	119	15051	1.38	UG/L		87
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	18869	1.36	UG/L		98
92) SEC-BUTYLBENZENE	9.164	105	20775	1.40	UG/L		99
93) 1,3-DICHLOROBENZENE	9.242	146	11722	1.37	UG/L		98
94) P-ISOPROPYLTOLUENE	9.318	119	15297	1.25	UG/L	#	65
95) 1,4-DICHLOROBENZENE	9.326	146	12704	1.45	UG/L		96
96) N-BUTYLBENZENE	9.719	91	11045	0.97	UG/L		99
97) 1,2-DICHLOROBENZENE	9.686	146	11046	1.32	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	381m	0.53	UG/L		
99) 1,3,5-TRICHLOROBENZENE	10.667	180	4787	0.83	UG/L		90
100) 1,2,4-TRICHLOROBENZENE	11.267	180	854	0.17	UG/L	#	71
101) HEXACHLOROBUTADIENE	11.465	225	2117	0.90	UG/L	#	44

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243012.D
Acq On : 31 Aug 2011 7:48 am
Operator :
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 31 10:43:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243013.D
Acq On : 31 Aug 2011 8:18 am
Operator :
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 31 10:45:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	249365	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	331884	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	183431	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	155417	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	136885	25.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.80%				
49) TOLUENE SS	5.606	98	329424	24.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.40%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	135206	22.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.60%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	17031	2.09	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	17305	1.96	UG/L		99
5) CHLOROMETHANE	0.955	50	11962	1.85	UG/L		98
6) VINYL CHLORIDE	1.002	62	13304	2.06	UG/L		100
7) BROMOMETHANE	1.153	94	10586	2.47	UG/L		100
8) CHLOROETHANE	1.197	64	6470	2.20	UG/L	#	88
9) FLUORODICHLOROMETHANE	1.286	67	20792	2.06	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.314	101	16885	1.97	UG/L		97
12) DI ETHYL ETHER	1.451	59	6928	1.99	UG/L		94
13) ACROLEIN	1.521	56	7665	15.09	UG/L		100
14) ACETONE	1.604	43	27282	20.35	UG/L		97
15) 1,1-DICHLOROETHENE	1.574	61	16274	2.04	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	9140	2.05	UG/L		99
17) IODOMETHANE	1.657	142	123727	17.30	UG/L		91
20) METHYL ACETATE	1.788	43	16735	2.25	UG/L		96
21) T-BUTYL ALCOHOL	1.925	59	3875m	8.27	UG/L		
22) ACRYLONITRILE	2.000	53	3369	1.60	UG/L		94
23) METHYLENE CHLORIDE	1.847	49	20078	2.80	UG/L		94
24) CARBON DISULFIDE	1.694	76	274079	20.35	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	32054	1.80	UG/L	#	75
26) TRANS 1,2-DICHLOROETHENE	2.020	61	15692	1.89	UG/L		97
27) 1,1-DICHLOROETHANE	2.327	63	20267	1.83	UG/L		98
28) VINYL ACETATE	2.377	43	135943	12.20	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	36850	1.90	UG/L	#	73
31) 2-BUTANONE	2.868	43	39342	16.71	UG/L	#	95
32) T-BUTYL ETHYL ETHER	2.709	59	30981	1.50	UG/L	#	82
33) CIS-1,2-DICHLOROETHENE	2.834	61	19414	1.89	UG/L		99
34) 2,2-DICHLOROPROPANE	2.829	77	9652	1.19	UG/L	#	89
35) ETHYL ACETATE	2.940	43	9613	1.50	UG/L	#	96
38) BROMOCHLOROMETHANE	3.082	49	10049	2.01	UG/L		94
39) TETRAHYDROFURAN	3.135	42	2752m	1.82	UG/L		
40) CHLOROFORM	3.180	83	24146	1.96	UG/L	#	57
41) 1,1,1-TRICHLOROETHANE	3.339	97	15559	1.45	UG/L	#	88
42) CYCLOHEXANE	3.392	56	19762m	2.23	UG/L		
43) CARBON TETRACHLORIDE	3.506	117	8470	2.56	UG/L		96
44) 1,1-DICHLOROPROPENE	3.517	75	16422	1.87	UG/L		96
45) BENZENE	3.721	78	41616	1.78	UG/L		96
47) T-AMYLMETHYL ETHER	3.866	73	24947	1.50	UG/L	#	78
50) 1,2-DICHLOROETHANE	3.760	62	20787	2.32	UG/L		98
51) TRICHLOROETHENE	4.385	95	12695	2.21	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	14543	2.05	UG/L	#	70
53) 1,2-DICHLOROPROPANE	4.613	63	11033	2.15	UG/L	#	92
54) DIBROMOMETHANE	4.725	93	7539	2.03	UG/L		96

Data Path : X:\1\DATA\083111\
Data File : VC243013.D
Acq On : 31 Aug 2011 8:18 am
Operator :
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 31 10:45:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

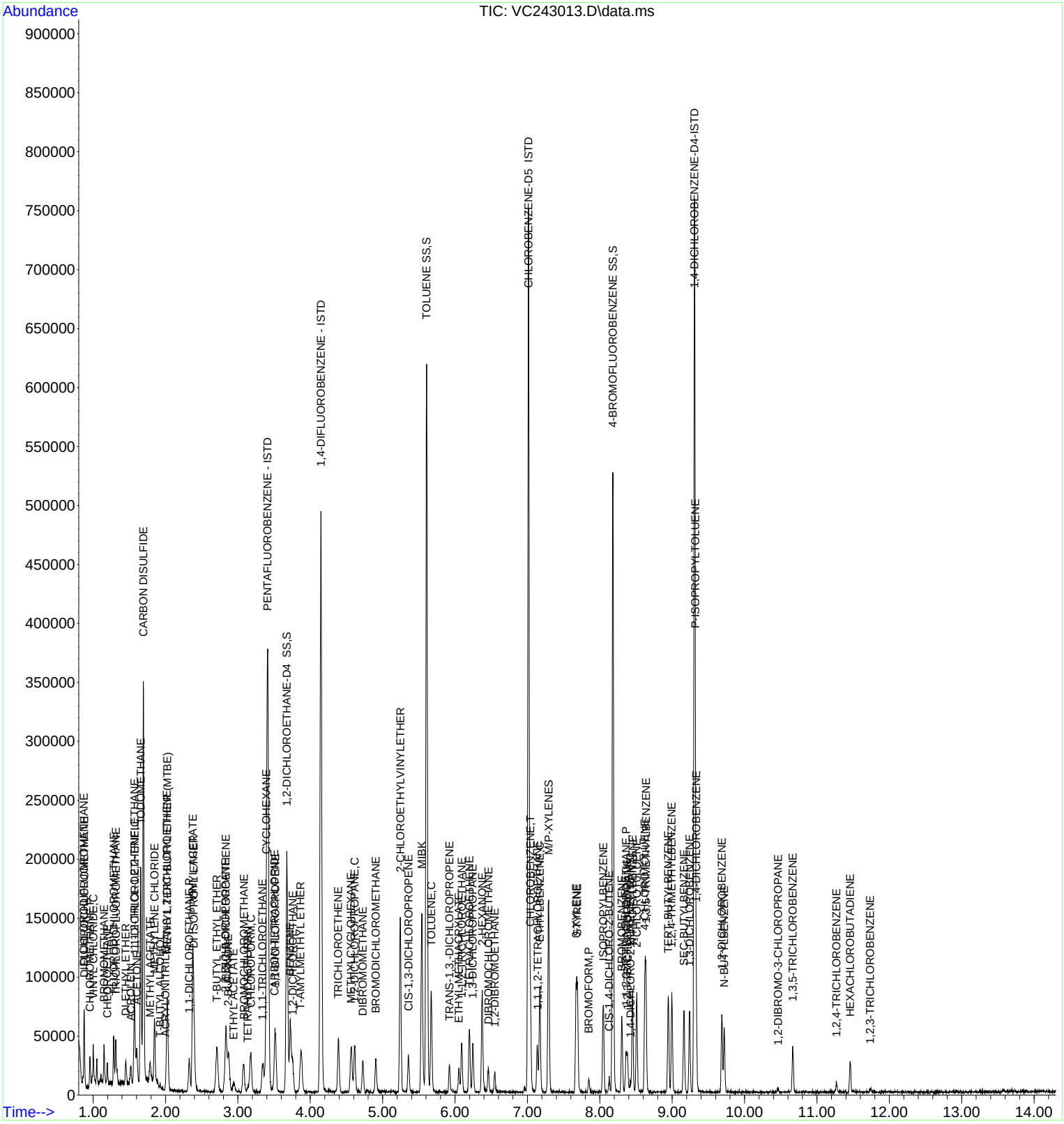
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	14583	1.88	UG/L		98
58)	2-CHLOROETHYLVINYLETHER	5.244	63	51179	20.31	UG/L		99
59)	MIBK	5.542	43	86563	19.81	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	13233	1.64	UG/L		99
61)	TOLUENE	5.670	91	45412	2.07	UG/L		98
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	9189	1.34	UG/L		99
63)	ETHYL METHACRYLATE	6.052	69	7313	1.19	UG/L		93
64)	1,1,2-TRICHLOROETHANE	6.091	97	9471	1.96	UG/L		99
65)	2-HEXANONE	6.376	43	47553	15.60	UG/L		95
66)	TETRACHLOROETHENE	6.200	166	13724	2.24	UG/L		95
67)	1,3-DICHLOROPROPANE	6.245	76	17094	2.16	UG/L		98
68)	DIBROMOCHLOROMETHANE	6.462	129	8100	1.50	UG/L		93
69)	1,2-DIBROMOETHANE	6.549	107	8891	1.71	UG/L		99
72)	CHLOROBENZENE	7.039	112	30018	2.34	UG/L	#	87
73)	1,1,1,2-TETRACHLOROETHANE	7.143	131	6283	1.42	UG/L		92
74)	ETHYLBENZENE	7.170	91	49489	2.20	UG/L		95
75)	M/P-XYLENES	7.293	91	81679	4.72	UG/L		97
76)	0-XYLENE	7.672	91	41485	2.29	UG/L		100
77)	STYRENE	7.689	104	30186	2.20	UG/L		96
78)	BROMOFORM	7.848	173	3860	1.31	UG/L	#	92
79)	ISOPROPYLBENZENE	8.049	105	42168	2.40	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	1878	1.34	UG/L	#	55
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	11244	2.05	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.425	53	1694	1.10	UG/L	#	21
83)	BROMOBENZENE	8.303	77	21204	2.43	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.384	75	10091	2.36	UG/L		96
85)	N-PROPYLBENZENE	8.453	91	52173	2.20	UG/L		100
86)	2-CHLOROT0LUENE	8.512	91	36204	2.37	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	39415	2.35	UG/L		99
88)	4-CHLOROTOLUENE	8.621	91	40468	2.30	UG/L		100
90)	TERT-BUTYLBENZENE	8.944	119	30326	2.81	UG/L		93
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	38426	2.79	UG/L		95
92)	SEC-BUTYLBENZENE	9.162	105	40296	2.73	UG/L		99
93)	1,3-DICHLOROBENZENE	9.240	146	22312	2.63	UG/L	#	74
94)	P-ISOPROPYLTOLUENE	9.321	119	31753	2.63	UG/L		96
95)	1,4-DICHLOROBENZENE	9.332	146	23174	2.66	UG/L	#	93
96)	N-BUTYLBENZENE	9.717	91	22503	1.99	UG/L		97
97)	1,2-DICHLOROBENZENE	9.686	146	21776	2.63	UG/L		100
98)	1,2-DIBROMO-3-CHLOROPR...	10.464	75	633m	0.88	UG/L		
99)	1,3,5-TRICHLOROBENZENE	10.665	180	9566	1.68	UG/L		94
100)	1,2,4-TRICHLOROBENZENE	11.270	180	1952	0.39	UG/L		97
101)	HEXACHLOROBUTADIENE	11.459	225	4886	2.09	UG/L	#	68
103)	1,2,3-TRICHLOROBENZENE	11.736	180	895m	0.20	UG/L		

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243013.D
Acq On : 31 Aug 2011 8:18 am
Operator :
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 31 10:45:15 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243014.D
Acq On : 31 Aug 2011 8:49 am
Operator :
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 31 10:46:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	257714	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	348609	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	193235	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	171283	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	143212	26.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.04%				
49) TOLUENE SS	5.609	98	340944	24.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.96%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	141524	22.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	42914	5.10	UG/L		97
4) DIFLUOROCHLOROMETHANE	0.879	51	45010	4.94	UG/L		96
5) CHLOROMETHANE	0.955	50	29919	4.49	UG/L		99
6) VINYL CHLORIDE	1.002	62	32375	4.85	UG/L		99
7) BROMOMETHANE	1.153	94	19609	4.43	UG/L		96
8) CHLOROETHANE	1.194	64	15198	4.99	UG/L		92
9) FLUORODICHLOROMETHANE	1.284	67	51679	4.95	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.311	101	44185	5.00	UG/L		97
11) ETHANOL	1.401	45	2210	5.27	UG/L	#	56
12) DI ETHYL ETHER	1.451	59	17590	4.88	UG/L		93
13) ACROLEIN	1.523	56	20605	39.25	UG/L		96
14) ACETONE	1.604	43	66938	48.32	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	41421	5.04	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.574	101	22461	4.87	UG/L		99
17) IODOMETHANE	1.657	142	349976	47.34	UG/L		94
20) METHYL ACETATE	1.788	43	43657	5.67	UG/L		98
21) T-BUTYL ALCOHOL	1.925	59	10116m	20.89	UG/L		
22) ACRYLONITRILE	2.011	53	8547	3.93	UG/L		99
23) METHYLENE CHLORIDE	1.850	49	39299	5.30	UG/L		98
24) CARBON DISULFIDE	1.694	76	698496	50.19	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	82389	4.47	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.023	61	40216	4.69	UG/L		97
27) 1,1-DICHLOROETHANE	2.329	63	49548	4.33	UG/L		98
28) VINYL ACETATE	2.380	43	402143	34.93	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	89972	4.48	UG/L		99
31) 2-BUTANONE	2.868	43	104434	42.93	UG/L		99
32) T-BUTYL ETHYL ETHER	2.711	59	83010	3.89	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	47781	4.49	UG/L		98
34) 2,2-DICHLOROPROPANE	2.831	77	24592	2.94	UG/L		97
35) ETHYL ACETATE	2.948	43	23833	3.60	UG/L	#	94
38) BROMOCHLOROMETHANE	3.079	49	23752	4.59	UG/L	#	79
39) TETRAHYDROFURAN	3.138	42	6099	3.90	UG/L	#	85
40) CHLOROFORM	3.174	83	58388	4.59	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.347	97	40937	3.68	UG/L		94
42) CYCLOHEXANE	3.395	56	44438	4.85	UG/L		98
43) CARBON TETRACHLORIDE	3.515	117	23430	4.03	UG/L		92
44) 1,1-DICHLOROPROPENE	3.515	75	42233	4.66	UG/L		97
45) BENZENE	3.724	78	107626	4.46	UG/L		96
47) T-AMYLMETHYL ETHER	3.871	73	68201	3.97	UG/L	#	90
50) 1,2-DICHLOROETHANE	3.757	62	52249	5.55	UG/L	#	90
51) TRICHLOROETHENE	4.390	95	31338	5.20	UG/L		100
52) METHYLCYCLOHEXANE	4.569	83	36692	4.92	UG/L		96
53) 1,2-DICHLOROPROPANE	4.610	63	26572	4.93	UG/L	#	95

Data Path : X:\1\DATA\083111\
Data File : VC243014.D
Acq On : 31 Aug 2011 8:49 am
Operator :
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 31 10:46:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

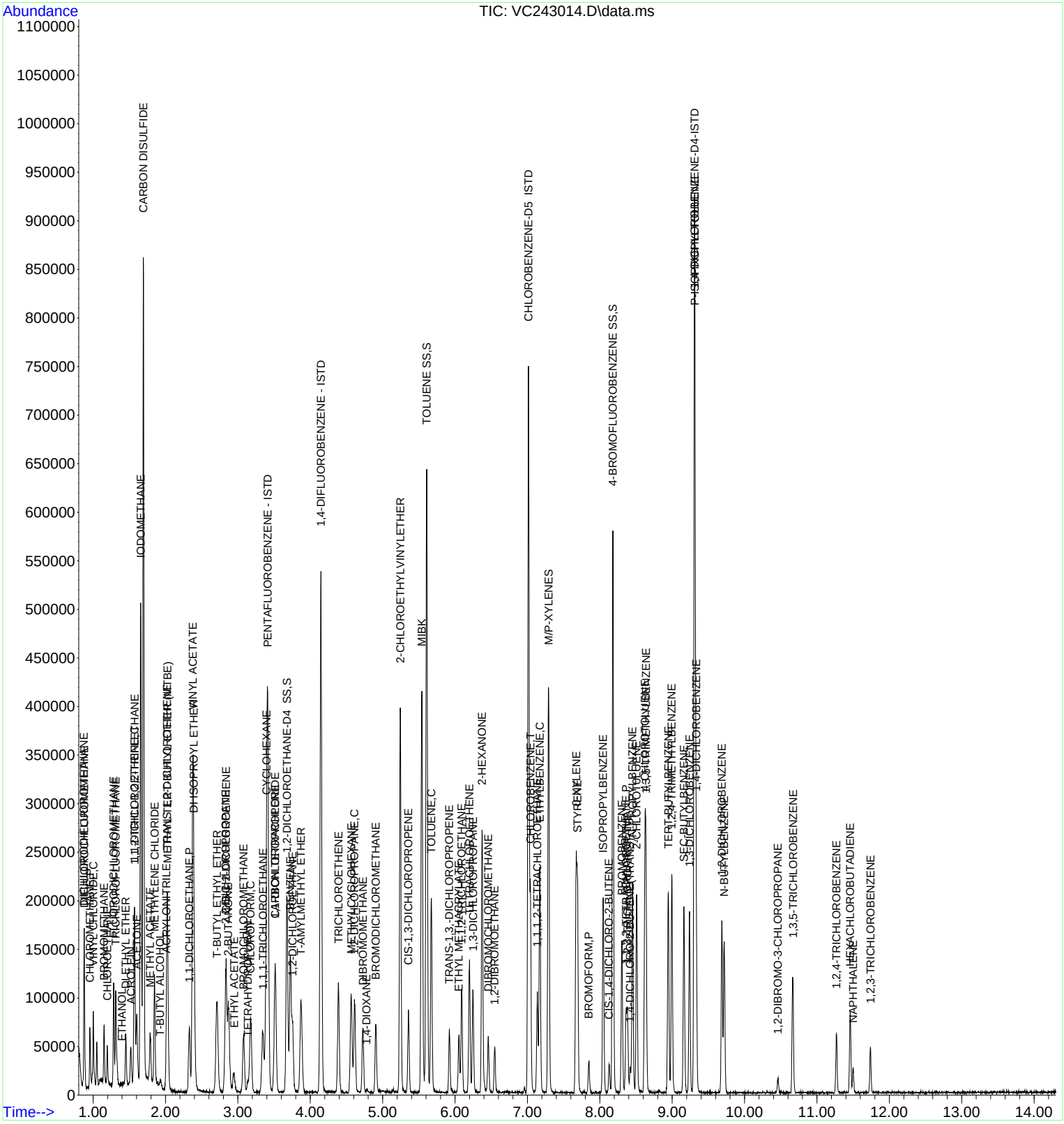
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	4.728	93	19394	4.97	UG/L		99
56) 1,4-DIOXANE	4.775	88	1684m	42.00	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	37772	4.62	UG/L		98
58) 2-CHLOROETHYLVINYLETHER	5.243	63	131183	49.56	UG/L		94
59) MIBK	5.542	43	244302	53.23	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.355	75	34333	4.06	UG/L		100
61) TOLUENE	5.673	91	113792	4.93	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	25255	3.50	UG/L		100
63) ETHYL METHACRYLATE	6.052	69	21802	3.37	UG/L		96
64) 1,1,2-TRICHLOROETHANE	6.088	97	24340	4.78	UG/L		98
65) 2-HEXANONE	6.373	43	154796	48.35	UG/L		92
66) TETRACHLOROETHENE	6.200	166	32940	5.11	UG/L		98
67) 1,3-DICHLOROPROPANE	6.250	76	44161	5.31	UG/L		99
68) DIBROMOCHLOROMETHANE	6.459	129	21670	3.83	UG/L		98
69) 1,2-DIBROMOETHANE	6.546	107	24097	4.41	UG/L		97
72) CHLOROBENZENE	7.042	112	77786	5.76	UG/L		95
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	18100	3.89	UG/L		96
74) ETHYLBENZENE	7.170	91	137015	5.79	UG/L		99
75) M/P-XYLENES	7.293	91	207440	11.38	UG/L		99
76) 0-XYLENE	7.675	91	106622	5.58	UG/L		100
77) STYRENE	7.692	104	78646	5.44	UG/L		96
78) BROMOFORM	7.845	173	11858	3.82	UG/L	#	95
79) ISOPROPYLBENZENE	8.046	105	106250	5.73	UG/L		100
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	5488	3.72	UG/L	#	31
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	28888	5.00	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	4796	2.95	UG/L	#	78
83) BROMOBENZENE	8.305	77	54682	5.96	UG/L		94
84) 1,2,3-TRICHLOROPROPANE	8.383	75	25991	5.76	UG/L		98
85) N-PROPYLBENZENE	8.450	91	136676	5.47	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	95545	5.93	UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	103528	5.86	UG/L		97
88) 4-CHLOROTOLUENE	8.623	91	105347	5.69	UG/L		99
90) TERT-BUTYLBENZENE	8.947	119	81453	6.86	UG/L		99
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	101598	6.70	UG/L		97
92) SEC-BUTYLBENZENE	9.162	105	108772	6.69	UG/L		100
93) 1,3-DICHLOROBENZENE	9.240	146	59481	6.36	UG/L		99
94) P-ISOPROPYLTOLUENE	9.315	119	89714	6.74	UG/L		97
95) 1,4-DICHLOROBENZENE	9.332	146	60486	6.31	UG/L		95
96) N-BUTYLBENZENE	9.719	91	72922	5.84	UG/L		99
97) 1,2-DICHLOROBENZENE	9.686	146	57405	6.30	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	2632	3.33	UG/L		83
99) 1,3,5-TRICHLOROBENZENE	10.670	180	32991	5.26	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.270	180	14539	2.66	UG/L		97
101) HEXACHLOROBUTADIENE	11.459	225	14813	5.76	UG/L		97
102) NAPHTHALENE	11.501	128	15274	1.36	UG/L	#	94
103) 1,2,3-TRICHLOROBENZENE	11.741	180	10955	2.22	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243014.D
Acq On : 31 Aug 2011 8:49 am
Operator :
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 31 10:46:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243015.D
Acq On : 31 Aug 2011 9:19 am
Operator :
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 31 10:48:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	242614	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	334486	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	179545	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	162590	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	135422	26.38	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.52%				
49) TOLUENE SS	5.606	98	326344	24.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	133019	22.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	85670	10.82	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.879	51	91221	10.63	UG/L		97
5) CHLOROMETHANE	0.955	50	56805	9.05	UG/L		100
6) VINYL CHLORIDE	1.002	62	65795	10.47	UG/L		99
7) BROMOMETHANE	1.150	94	38184	9.17	UG/L		99
8) CHLOROETHANE	1.194	64	30641	10.69	UG/L		96
9) FLUORODICHLOROMETHANE	1.284	67	108298	11.01	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.311	101	87976	10.57	UG/L		97
11) ETHANOL	1.406	45	3635m	66.28	UG/L		
12) DI ETHYL ETHER	1.451	59	33919	10.00	UG/L		97
13) ACROLEIN	1.518	56	41638	84.24	UG/L		99
14) ACETONE	1.601	43	127030	97.41	UG/L		97
15) 1,1-DICHLOROETHENE	1.571	61	84334	10.89	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	47343	10.91	UG/L		94
17) IODOMETHANE	1.657	142	778342	111.85	UG/L		93
20) METHYL ACETATE	1.786	43	82966	11.45	UG/L		99
21) T-BUTYL ALCOHOL	1.931	59	21548	47.26	UG/L	#	95
22) ACRYLONITRILE	2.009	53	17591	8.60	UG/L		99
23) METHYLENE CHLORIDE	1.847	49	74512	10.67	UG/L		96
24) CARBON DISULFIDE	1.694	76	1423544	108.65	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	164589	9.48	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.023	61	82415	10.21	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	104359	9.70	UG/L		99
28) VINYL ACETATE	2.377	43	874191	80.65	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	185120	9.79	UG/L		98
31) 2-BUTANONE	2.870	43	212921	92.97	UG/L		97
32) T-BUTYL ETHYL ETHER	2.709	59	171036	8.52	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.834	61	99095	9.90	UG/L		97
34) 2,2-DICHLOROPROPANE	2.826	77	54716	6.94	UG/L		98
35) ETHYL ACETATE	2.940	43	48509	7.78	UG/L		97
38) BROMOCHLOROMETHANE	3.079	49	48287	9.91	UG/L		98
39) TETRAHYDROFURAN	3.138	42	13231m	9.00	UG/L		
40) CHLOROFORM	3.171	83	121356	10.13	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.344	97	85303	8.15	UG/L		97
42) CYCLOHEXANE	3.392	56	82033	9.51	UG/L		99
43) CARBON TETRACHLORIDE	3.506	117	49911	7.01	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	85507	10.01	UG/L		98
45) BENZENE	3.724	78	221929	9.77	UG/L		98
47) T-AMYLMETHYL ETHER	3.871	73	139936	8.66	UG/L	#	90
50) 1,2-DICHLOROETHANE	3.754	62	104819	11.60	UG/L		97
51) TRICHLOROETHENE	4.387	95	63531	10.98	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	74551	10.41	UG/L		97
53) 1,2-DICHLOROPROPANE	4.610	63	51129	9.89	UG/L		92

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243015.D
Acq On : 31 Aug 2011 9:19 am
Operator :
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 31 10:48:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

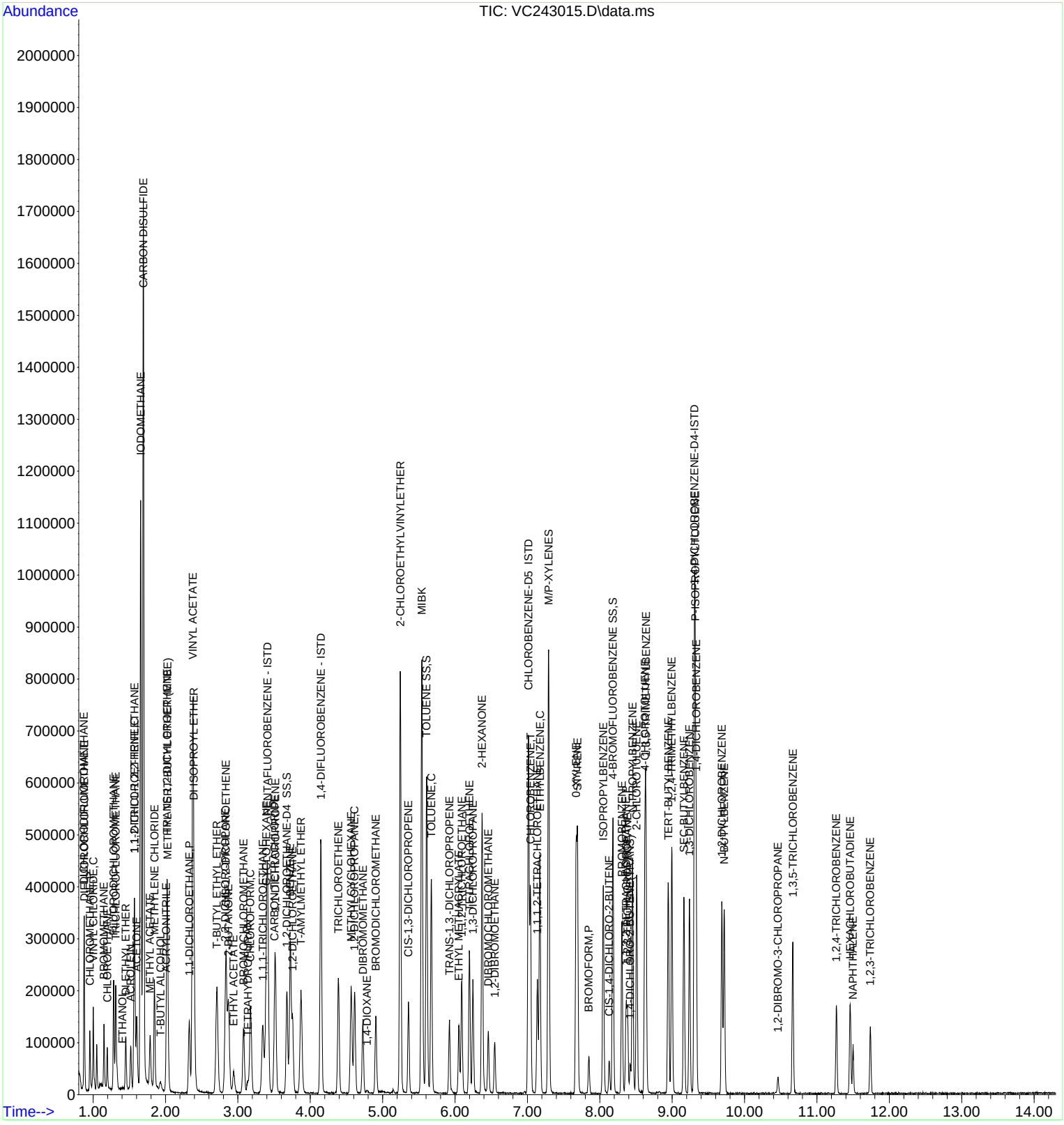
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	4.728	93	39954	10.67	UG/L		99
56) 1,4-DIOXANE	4.783	88	3455m	89.81	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	79183	10.10	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.243	63	274909	108.25	UG/L		95
59) MIBK	5.542	43	469684	106.67	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.355	75	73888	9.11	UG/L		98
61) TOLUENE	5.670	91	231227	10.44	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	56144	8.10	UG/L		98
63) ETHYL METHACRYLATE	6.052	69	50510	8.14	UG/L		93
64) 1,1,2-TRICHLOROETHANE	6.091	97	50389	10.32	UG/L		98
65) 2-HEXANONE	6.373	43	294035	95.72	UG/L		96
66) TETRACHLOROETHENE	6.200	166	67416	10.90	UG/L		100
67) 1,3-DICHLOROPROPANE	6.247	76	89882	11.25	UG/L		99
68) DIBROMOCHLOROMETHANE	6.459	129	48128	8.87	UG/L		98
69) 1,2-DIBROMOETHANE	6.549	107	51743	9.86	UG/L		100
72) CHLOROBENZENE	7.042	112	155540	12.40	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	40273	9.31	UG/L		98
74) ETHYLBENZENE	7.173	91	271062	12.32	UG/L		99
75) M/P-XYLENES	7.293	91	432837	25.55	UG/L		98
76) 0-XYLENE	7.672	91	223188	12.57	UG/L		99
77) STYRENE	7.692	104	167716	12.50	UG/L		97
78) BROMOFORM	7.848	173	26058	9.03	UG/L		98
79) ISOPROPYLBENZENE	8.049	105	221164	12.83	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	11192	8.15	UG/L	#	71
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	61406	11.44	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.417	53	11307	7.48	UG/L	#	70
83) BROMOBENZENE	8.305	77	109385	12.83	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	8.383	75	50230	11.98	UG/L		99
85) N-PROPYLBENZENE	8.453	91	289293	12.45	UG/L		100
86) 2-CHLOROT0LUENE	8.509	91	192390	12.84	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	220466	13.42	UG/L		96
88) 4-CHLOROTOLUENE	8.623	91	217280	12.63	UG/L		100
90) TERT-BUTYLBENZENE	8.947	119	164112	14.56	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	216122	15.02	UG/L		96
92) SEC-BUTYLBENZENE	9.161	105	225377	14.61	UG/L		98
93) 1,3-DICHLOROBENZENE	9.237	146	123848	13.95	UG/L		98
94) P-ISOPROPYLTOLUENE	9.320	119	184780	14.62	UG/L		99
95) 1,4-DICHLOROBENZENE	9.332	146	125342	13.77	UG/L		98
96) N-BUTYLBENZENE	9.719	91	161187	13.59	UG/L		99
97) 1,2-DICHLOROBENZENE	9.686	146	118772	13.74	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	6235	8.30	UG/L		85
99) 1,3,5-TRICHLOROBENZENE	10.667	180	73438	12.33	UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.267	180	41862	8.07	UG/L		98
101) HEXACHLOROBUTADIENE	11.459	225	31818	13.03	UG/L		98
102) NAPHTHALENE	11.498	128	51477	4.82	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.735	180	32547	6.95	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243015.D
Acq On : 31 Aug 2011 9:19 am
Operator :
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 31 10:48:02 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243016.D
Acq On : 31 Aug 2011 9:49 am
Operator :
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 31 10:49:37 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	257257	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	352763	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	197488	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	174069	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	145853	26.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.20%				
49) TOLUENE SS	5.609	98	341191	24.22	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.88%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	142242	21.89	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	173321	20.64	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	186421	20.49	UG/L		95
5) CHLOROMETHANE	0.955	50	117859	17.70	UG/L		99
6) VINYL CHLORIDE	1.002	62	139602	20.95	UG/L		99
7) BROMOMETHANE	1.150	94	74932	16.97	UG/L		99
8) CHLOROETHANE	1.194	64	62657	20.62	UG/L		95
9) FLUORODICHLOROMETHANE	1.284	67	220487	21.15	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.311	101	194183	22.01	UG/L		98
11) ETHANOL	1.412	45	6746m	173.31	UG/L		
12) DI ETHYL ETHER	1.451	59	72219	20.08	UG/L		98
13) ACROLEIN	1.521	56	94851	180.98	UG/L		97
14) ACETONE	1.601	43	268992	194.52	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	174130	21.21	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	100353	21.80	UG/L		98
17) IODOMETHANE	1.657	142	1708183	231.49	UG/L		93
20) METHYL ACETATE	1.788	43	178067	23.17	UG/L		98
21) T-BUTYL ALCOHOL	1.931	59	46662	96.53	UG/L	#	86
22) ACRYLONITRILE	2.006	53	36009	16.59	UG/L		99
23) METHYLENE CHLORIDE	1.847	49	149283	20.16	UG/L		97
24) CARBON DISULFIDE	1.694	76	2964206	213.36	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	359167	19.51	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.023	61	171919	20.09	UG/L		98
27) 1,1-DICHLOROETHANE	2.329	63	217257	19.03	UG/L		99
28) VINYL ACETATE	2.377	43	2041816	177.66	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	391429	19.53	UG/L		97
31) 2-BUTANONE	2.870	43	452802	186.46	UG/L		97
32) T-BUTYL ETHYL ETHER	2.711	59	366513	17.21	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	206752	19.47	UG/L		97
34) 2,2-DICHLOROPROPANE	2.831	77	127474	15.25	UG/L		100
35) ETHYL ACETATE	2.940	43	109382	16.55	UG/L		99
38) BROMOCHLOROMETHANE	3.077	49	101820	19.71	UG/L		95
39) TETRAHYDROFURAN	3.127	42	25268	16.20	UG/L		97
40) CHLOROFORM	3.177	83	251267	19.79	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	193923	17.48	UG/L		97
42) CYCLOHEXANE	3.389	56	171526	18.74	UG/L		98
43) CARBON TETRACHLORIDE	3.512	117	120101	13.76	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	182827	20.19	UG/L		97
45) BENZENE	3.726	78	459894	19.09	UG/L		99
47) T-AMYLMETHYL ETHER	3.874	73	305602	17.83	UG/L	#	92
50) 1,2-DICHLOROETHANE	3.754	62	218035	22.88	UG/L		99
51) TRICHLOROETHENE	4.387	95	128927	21.12	UG/L		99
52) METHYLCYCLOHEXANE	4.563	83	158678	21.01	UG/L		98
53) 1,2-DICHLOROPROPANE	4.613	63	108383	19.88	UG/L	#	95

Data Path : X:\1\DATA\083111\
Data File : VC243016.D
Acq On : 31 Aug 2011 9:49 am
Operator :
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 31 10:49:37 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

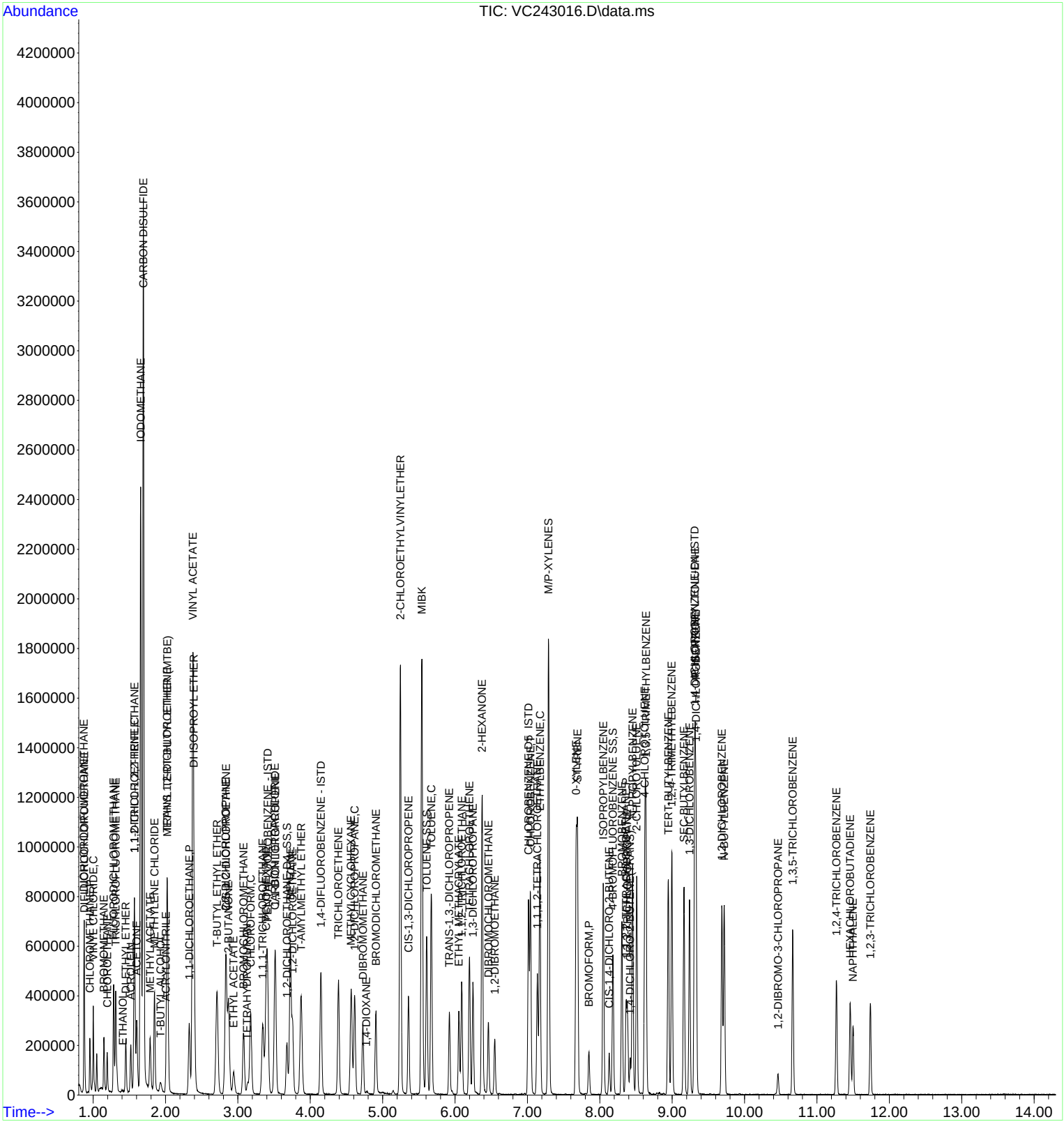
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	4.728	93	81992	20.76	UG/L		99
56) 1,4-DIOXANE	4.772	88	6953m	171.37	UG/L		
57) BROMODICHLOROMETHANE	4.909	83	177105	21.43	UG/L		100
58) 2-CHLOROETHYLVINYLETHER	5.246	63	587807	219.46	UG/L		94
59) MIBK	5.542	43	1021530	219.97	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.358	75	170036	19.88	UG/L		96
61) TOLUENE	5.673	91	480944	20.58	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	139411	19.07	UG/L		95
63) ETHYL METHACRYLATE	6.052	69	124730	19.06	UG/L		93
64) 1,1,2-TRICHLOROETHANE	6.091	97	105350	20.46	UG/L		98
65) 2-HEXANONE	6.373	43	669826	206.75	UG/L		96
66) TETRACHLOROETHENE	6.200	166	140548	21.55	UG/L		99
67) 1,3-DICHLOROPROPANE	6.247	76	185778	22.06	UG/L		100
68) DIBROMOCHLOROMETHANE	6.462	129	114874	20.08	UG/L		100
69) 1,2-DIBROMOETHANE	6.549	107	114627	20.71	UG/L		98
72) CHLOROBENZENE	7.042	112	332434	24.09	UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	98373	20.67	UG/L		96
74) ETHYLBENZENE	7.173	91	570146	23.56	UG/L		99
75) M/P-XYLENES	7.290	91	895079	48.03	UG/L		98
76) 0-XYLENE	7.672	91	468672	24.00	UG/L		100
77) STYRENE	7.692	104	365149	24.74	UG/L		96
78) BROMOFORM	7.851	173	65988	20.78	UG/L		98
79) ISOPROPYLBENZENE	8.049	105	475862	25.11	UG/L		97
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	29592	19.60	UG/L	#	68
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	133806	22.67	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.417	53	28607	17.20	UG/L	#	76
83) BROMOBENZENE	8.305	77	231812	24.72	UG/L		97
84) 1,2,3-TRICHLOROPROPANE	8.381	75	108703	23.58	UG/L		99
85) N-PROPYLBENZENE	8.453	91	602220	23.56	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	393956	23.91	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	462879	25.62	UG/L		96
88) 4-CHLOROTOLUENE	8.620	91	456448	24.12	UG/L		100
90) TERT-BUTYLBENZENE	8.947	119	351024	29.09	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	455329	29.56	UG/L		97
92) SEC-BUTYLBENZENE	9.164	105	481561	29.16	UG/L		99
93) 1,3-DICHLOROBENZENE	9.240	146	260149	27.37	UG/L		99
94) P-ISOPROPYLTOLUENE	9.318	119	399300	29.50	UG/L		99
95) 1,4-DICHLOROBENZENE	9.329	146	261581	26.84	UG/L		98
96) N-BUTYLBENZENE	9.719	91	354790	27.95	UG/L		99
97) 1,2-DICHLOROBENZENE	9.686	146	249948	27.00	UG/L		98
98) 1,2-DIBROMO-3-CHLOROPR...	10.464	75	15437	19.19	UG/L		96
99) 1,3,5-TRICHLOROBENZENE	10.665	180	171070	26.84	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.270	180	119186	21.45	UG/L		98
101) HEXACHLOROBUTADIENE	11.459	225	72064	27.57	UG/L		95
102) NAPHTHALENE	11.498	128	178293	15.61	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.738	180	93291	18.61	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243016.D
Acq On : 31 Aug 2011 9:49 am
Operator :
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 31 10:49:37 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243017.D
Acq On : 31 Aug 2011 10:19 am
Operator :
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 31 10:51:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	247401	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	341772	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	184165	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	172114	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	138876	26.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.12%				
49) TOLUENE SS	5.609	98	334308	24.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.96%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	138713	22.89	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	466751	57.81	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	484085	55.31	UG/L		97
5) CHLOROMETHANE	0.955	50	315779	49.32	UG/L		99
6) VINYL CHLORIDE	1.002	62	354992	55.39	UG/L		99
7) BROMOMETHANE	1.150	94	223295	52.59	UG/L		99
8) CHLOROETHANE	1.194	64	164243	56.21	UG/L		100
9) FLUORODICHLOROMETHANE	1.284	67	569367	56.78	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	496963	58.57	UG/L		100
12) DI ETHYL ETHER	1.451	59	191510	55.38	UG/L		97
13) ACROLEIN	1.518	56	234038	464.34	UG/L		100
14) ACETONE	1.601	43	699347	525.89	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	444523	56.30	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	247628	55.94	UG/L		99
17) IODOMETHANE	1.657	142	4526124	637.81	UG/L		94
20) METHYL ACETATE	1.788	43	447330	60.53	UG/L		99
21) T-BUTYL ALCOHOL	1.933	59	150003	322.66	UG/L	#	81
22) ACRYLONITRILE	2.009	53	94626	45.34	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	368805	51.80	UG/L		97
24) CARBON DISULFIDE	1.694	76	7787157	582.84	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	913393	51.60	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.023	61	437649	53.18	UG/L		97
27) 1,1-DICHLOROETHANE	2.329	63	549802	50.09	UG/L		100
28) VINYL ACETATE	2.380	43	5672993	513.27	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	1017020	52.76	UG/L		97
31) 2-BUTANONE	2.868	43	1159156	496.35	UG/L		98
32) T-BUTYL ETHYL ETHER	2.709	59	964984	47.13	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	531364	52.04	UG/L		96
34) 2,2-DICHLOROPROPANE	2.831	77	373526	46.46	UG/L		97
35) ETHYL ACETATE	2.946	43	257811	40.56	UG/L		98
38) BROMOCHLOROMETHANE	3.077	49	259561	52.24	UG/L		97
39) TETRAHYDROFURAN	3.138	42	68627	45.76	UG/L		97
40) CHLOROFORM	3.174	83	651728	53.37	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	535391	50.17	UG/L		98
42) CYCLOHEXANE	3.389	56	428141	48.65	UG/L		96
43) CARBON TETRACHLORIDE	3.512	117	368158	40.19	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	462104	53.07	UG/L		97
45) BENZENE	3.724	78	1174540	50.69	UG/L		99
47) T-AMYLMETHYL ETHER	3.871	73	807284	48.99	UG/L	#	94
50) 1,2-DICHLOROETHANE	3.754	62	562753	60.95	UG/L		98
51) TRICHLOROETHENE	4.390	95	328197	55.50	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	407952	55.74	UG/L		98
53) 1,2-DICHLOROPROPANE	4.613	63	290170	54.94	UG/L		95
54) DIBROMOMETHANE	4.725	93	210297	54.96	UG/L		99

Data Path : X:\1\DATA\083111\
Data File : VC243017.D
Acq On : 31 Aug 2011 10:19 am
Operator :
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 31 10:51:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

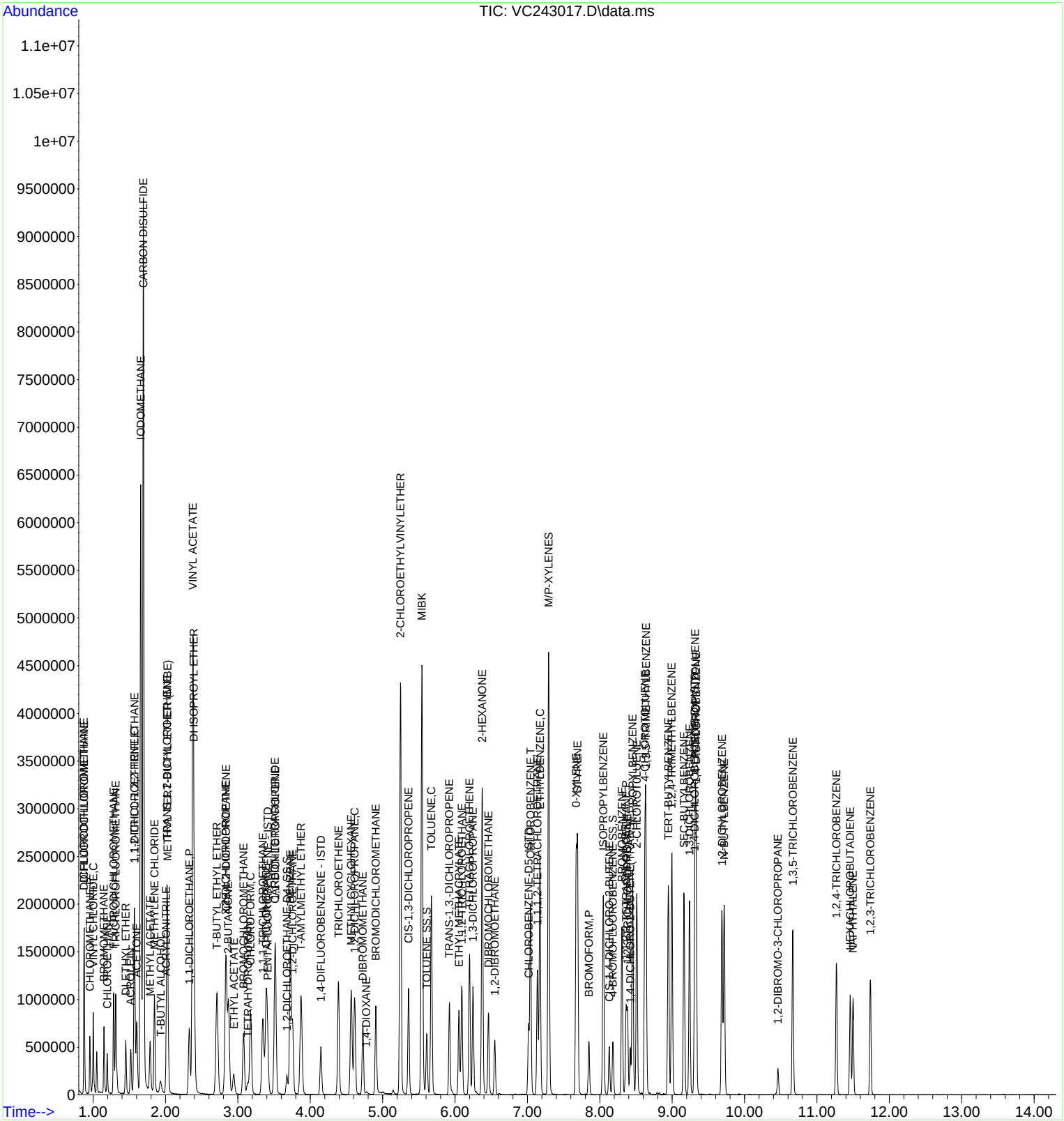
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,4-DIOXANE	4.772	88	18994m	483.20	UG/L	
57) BROMODICHLOROMETHANE	4.906	83	489107	61.08	UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.246	63	1508464	581.29	UG/L	96
59) MIBK	5.542	43	2665032	592.34	UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.358	75	470847	56.83	UG/L	97
61) TOLUENE	5.673	91	1212523	53.56	UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	408894	57.75	UG/L	95
63) ETHYL METHACRYLATE	6.055	69	342035	53.95	UG/L	94
64) 1,1,2-TRICHLOROETHANE	6.091	97	269010	53.94	UG/L	98
65) 2-HEXANONE	6.376	43	1789325	570.06	UG/L	96
66) TETRACHLOROETHENE	6.200	166	355455	56.26	UG/L	100
67) 1,3-DICHLOROPROPANE	6.247	76	480882	58.93	UG/L	100
68) DIBROMOCHLOROMETHANE	6.462	129	349094	62.98	UG/L	99
69) 1,2-DIBROMOETHANE	6.549	107	298297	55.62	UG/L	99
72) CHLOROBENZENE	7.042	112	823754	64.01	UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	293214	66.07	UG/L	97
74) ETHYLBENZENE	7.173	91	1440982	63.87	UG/L	100
75) M/P-XYLENES	7.293	91	2229778	128.32	UG/L	99
76) 0-XYLENE	7.672	91	1162684	63.85	UG/L	99
77) STYRENE	7.692	104	899555	65.34	UG/L	95
78) BROMOFORM	7.851	173	213334	72.06	UG/L	100
79) ISOPROPYLBENZENE	8.049	105	1194013	67.55	UG/L	97
80) CIS-1,4-DICHLORO-2-BUTENE	8.132	53	89841	63.81	UG/L	83
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	341455	62.04	UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.422	53	85602	55.18	UG/L	88
83) BROMOBENZENE	8.305	77	592912	67.79	UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.383	75	275506	64.08	UG/L	99
85) N-PROPYLBENZENE	8.453	91	1532966	64.32	UG/L	100
86) 2-CHLOROT0LUENE	8.512	91	994700	64.74	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	1147088	68.08	UG/L	96
88) 4-CHLOROTOLUENE	8.623	91	1146744	64.98	UG/L	98
90) TERT-BUTYLBENZENE	8.947	119	889269	74.53	UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	1168827	76.75	UG/L	95
92) SEC-BUTYLBENZENE	9.161	105	1230116	75.33	UG/L	99
93) 1,3-DICHLOROBENZENE	9.240	146	676532	71.99	UG/L	99
94) P-ISOPROPYLTOLUENE	9.318	119	997274	74.52	UG/L	100
95) 1,4-DICHLOROBENZENE	9.332	146	666114	69.13	UG/L	98
96) N-BUTYLBENZENE	9.719	91	919650	73.26	UG/L	99
97) 1,2-DICHLOROBENZENE	9.689	146	650242	71.04	UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	53302	67.01	UG/L	90
99) 1,3,5-TRICHLOROBENZENE	10.667	180	456134	72.37	UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.270	180	367727	66.94	UG/L	99
101) HEXACHLOROBUTADIENE	11.459	225	194119	75.10	UG/L	98
102) NAPHTHALENE	11.498	128	614014	54.37	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.738	180	304909	61.51	UG/L	98

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243017.D
Acq On : 31 Aug 2011 10:19 am
Operator :
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 31 10:51:27 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243018.D
Acq On : 31 Aug 2011 10:49 am
Operator :
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 31 11:06:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	266787	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	367142	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	199382	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	193773	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	148775	26.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.44%				
49) TOLUENE SS	5.612	98	357398	24.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	150078	22.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.48%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	865749	99.43	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.879	51	930938	98.64	UG/L		96
5) CHLOROMETHANE	0.954	50	674665	97.72	UG/L		99
6) VINYL CHLORIDE	1.002	62	695410	100.62	UG/L		99
7) BROMOMETHANE	1.150	94	461746	100.85	UG/L		100
8) CHLOROETHANE	1.194	64	325728	103.37	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	1134310	104.90	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	958365	104.74	UG/L		99
12) DI ETHYL ETHER	1.451	59	385039	103.25	UG/L		97
13) ACROLEIN	1.521	56	509424	937.27	UG/L		98
14) ACETONE	1.604	43	1406521	980.81	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	873753	102.62	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	483493	101.29	UG/L		99
17) IODOMETHANE	1.657	142	8750027	1143.43	UG/L		96
20) METHYL ACETATE	1.788	43	907304	113.85	UG/L		99
21) T-BUTYL ALCOHOL	1.933	59	351029	700.20	UG/L	#	92
22) ACRYLONITRILE	2.009	53	189929	84.40	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	712091	92.74	UG/L		99
24) CARBON DISULFIDE	1.691	76	12354738m	857.51	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.025	73	1844338	96.61	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	876258	98.74	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	1114513	94.16	UG/L		99
28) VINYL ACETATE	2.382	43	11826599	992.27	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	2007960	96.59	UG/L		99
31) 2-BUTANONE	2.870	43	2384457	946.82	UG/L		98
32) T-BUTYL ETHYL ETHER	2.709	59	2008617	90.97	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	1057545	96.04	UG/L		95
34) 2,2-DICHLOROPROPANE	2.831	77	799133	92.17	UG/L		97
35) ETHYL ACETATE	2.943	43	552640	80.62	UG/L		98
38) BROMOCHLOROMETHANE	3.079	49	506132	94.46	UG/L		96
39) TETRAHYDROFURAN	3.132	42	137002	84.72	UG/L		98
40) CHLOROFORM	3.177	83	1296127	98.42	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	1120469	97.37	UG/L		98
42) CYCLOHEXANE	3.395	56	846763	89.23	UG/L		98
43) CARBON TETRACHLORIDE	3.509	117	826977	81.89	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	911733	97.09	UG/L		98
45) BENZENE	3.726	78	2320057	92.85	UG/L		98
47) T-AMYLMETHYL ETHER	3.874	73	1646313	92.64	UG/L		96
50) 1,2-DICHLOROETHANE	3.757	62	1117354	112.65	UG/L		98
51) TRICHLOROETHENE	4.393	95	662854	104.34	UG/L		99
52) METHYLCYCLOHEXANE	4.569	83	809742	103.00	UG/L		98
53) 1,2-DICHLOROPROPANE	4.610	63	575181	101.38	UG/L		96
54) DIBROMOMETHANE	4.728	93	419584	102.07	UG/L		100

Data Path : X:\1\DATA\083111\
Data File : VC243018.D
Acq On : 31 Aug 2011 10:49 am
Operator :
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 31 11:06:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

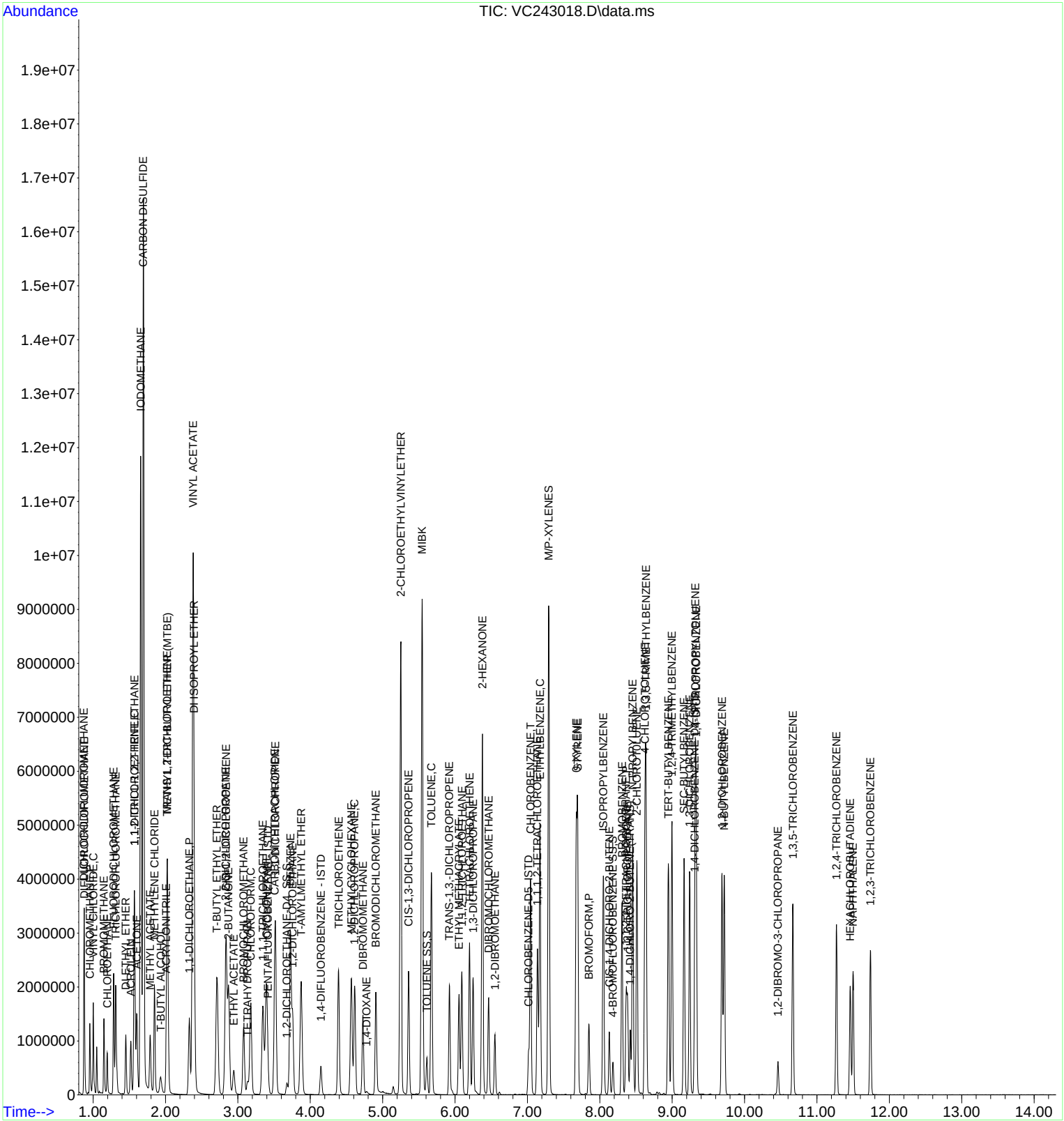
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.775	88	39681m	939.71 UG/L	
57) BROMODICHLOROMETHANE	4.906	83	1019335	118.50 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.252	63	3014300	1081.31 UG/L	97
59) MIBK	5.545	43	5405233	1118.36 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.358	75	984702	110.63 UG/L	97
61) TOLUENE	5.673	91	2440095	100.34 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	849785	111.72 UG/L	96
63) ETHYL METHACRYLATE	6.055	69	715748	105.09 UG/L	95
64) 1,1,2-TRICHLOROETHANE	6.094	97	542962	101.34 UG/L	99
65) 2-HEXANONE	6.378	43	3716530	1102.23 UG/L	97
66) TETRACHLOROETHENE	6.203	166	695930	102.53 UG/L	99
67) 1,3-DICHLOROPROPANE	6.250	76	932385	106.36 UG/L	100
68) DIBROMOCHLOROMETHANE	6.465	129	747493	125.55 UG/L	99
69) 1,2-DIBROMOETHANE	6.551	107	572470	99.37 UG/L	100
72) CHLOROBENZENE	7.042	112	1638811	117.63 UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	619317	128.89 UG/L	98
74) ETHYLBENZENE	7.173	91	2892518	118.41 UG/L	100
75) M/P-XYLENES	7.293	91	4481186	238.20 UG/L	100
76) 0-XYLENE	7.675	91	2343921	118.89 UG/L	98
77) STYRENE	7.695	104	1799506	120.74 UG/L	97
78) BROMOFORM	7.851	173	500485	156.14 UG/L	99
79) ISOPROPYLBENZENE	8.049	105	2337529	122.16 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.132	53	204719	134.31 UG/L	88
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	696841	116.94 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	202656	120.66 UG/L	92
83) BROMOBENZENE	8.308	77	1174072	124.00 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.383	75	561564	120.65 UG/L	100
85) N-PROPYLBENZENE	8.453	91	3129149	121.27 UG/L	100
86) 2-CHLOROT0LUENE	8.512	91	2008252	120.72 UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	2290131	125.54 UG/L	98
88) 4-CHLOROTOLUENE	8.623	91	2330965	122.00 UG/L	99
90) TERT-BUTYLBENZENE	8.947	119	1819010	135.42 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	2355367	137.37 UG/L	97
92) SEC-BUTYLBENZENE	9.164	105	2528123	137.52 UG/L	100
93) 1,3-DICHLOROBENZENE	9.240	146	1384999	130.90 UG/L	99
94) P-ISOPROPYLTOLUENE	9.320	119	2096005	139.12 UG/L	99
95) 1,4-DICHLOROBENZENE	9.332	146	1413044	130.25 UG/L	99
96) N-BUTYLBENZENE	9.719	91	1907593	134.98 UG/L	100
97) 1,2-DICHLOROBENZENE	9.688	146	1348185	130.83 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	125003	139.59 UG/L	90
99) 1,3,5-TRICHLOROBENZENE	10.667	180	935297	131.81 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.270	180	803747	129.95 UG/L	99
101) HEXACHLOROBUTADIENE	11.459	225	380209	130.66 UG/L	99
102) NAPHTHALENE	11.498	128	1449811	114.02 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.738	180	690819	123.79 UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243018.D
Acq On : 31 Aug 2011 10:49 am
Operator :
Sample : 8260 STD 100PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 31 11:06:29 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243019.D
Acq On : 31 Aug 2011 11:19 am
Operator :
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 31 11:37:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.414	168	269417	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	366111	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	199140	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	187982	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	148538	26.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.24%				
49) TOLUENE SS	5.614	98	357447	24.45	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.80%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	152289	23.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.96%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	1621452	184.41	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	1816673	190.62	UG/L		96
5) CHLOROMETHANE	0.955	50	1427510	204.76	UG/L		100
6) VINYL CHLORIDE	1.002	62	1426874	204.43	UG/L		99
7) BROMOMETHANE	1.147	94	844236	182.59	UG/L		98
8) CHLOROETHANE	1.192	64	608205	191.13	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	2164344	198.20	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	1859718	201.26	UG/L		99
12) DI ETHYL ETHER	1.451	59	758917	201.51	UG/L		98
13) ACROLEIN	1.521	56	1035867	1887.26	UG/L		98
14) ACETONE	1.604	43	2807405	1938.58	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	1702858	198.05	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	959915	199.14	UG/L		98
17) IODOMETHANE	1.652	142	13776844m	1782.74	UG/L		
20) METHYL ACETATE	1.788	43	1873383	232.78	UG/L		100
21) T-BUTYL ALCOHOL	1.936	59	783779	1548.16	UG/L	#	94
22) ACRYLONITRILE	2.012	53	393016	172.93	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	1453264	187.43	UG/L		97
24) CARBON DISULFIDE	1.685	76	15772159m	1084.02	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.028	73	3727663	193.36	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	1726311	192.64	UG/L		97
27) 1,1-DICHLOROETHANE	2.329	63	2245796	187.88	UG/L		99
28) VINYL ACETATE	2.374	43	19272905m	1601.25	UG/L		
29) DI ISOPROYL ETHER	2.396	45	4030004	191.97	UG/L		99
31) 2-BUTANONE	2.873	43	4788537	1882.87	UG/L		99
32) T-BUTYL ETHYL ETHER	2.711	59	4122544	184.89	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	2128281	191.40	UG/L		95
34) 2,2-DICHLOROPROPANE	2.834	77	1721955	196.67	UG/L		97
35) ETHYL ACETATE	2.946	43	1112601	160.72	UG/L		98
38) BROMOCHLOROMETHANE	3.077	49	981076	181.31	UG/L		97
39) TETRAHYDROFURAN	3.135	42	277818	170.11	UG/L		99
40) CHLOROFORM	3.177	83	2581068	194.07	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.345	97	2294397	197.44	UG/L		98
42) CYCLOHEXANE	3.392	56	1719935	179.48	UG/L		98
43) CARBON TETRACHLORIDE	3.512	117	1778902	172.53	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	1813620	191.26	UG/L		98
45) BENZENE	3.729	78	4641538	183.94	UG/L		99
47) T-AMYLMETHYL ETHER	3.877	73	3377918	188.22	UG/L		97
50) 1,2-DICHLOROETHANE	3.757	62	2181968	220.60	UG/L		98
51) TRICHLOROETHENE	4.390	95	1319016	208.21	UG/L		99
52) METHYLCYCLOHEXANE	4.569	83	1628572	207.74	UG/L		98
53) 1,2-DICHLOROPROPANE	4.616	63	1151066	203.46	UG/L		96
54) DIBROMOMETHANE	4.728	93	829735	202.42	UG/L		99

Data Path : X:\1\DATA\083111\
Data File : VC243019.D
Acq On : 31 Aug 2011 11:19 am
Operator :
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 31 11:37:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

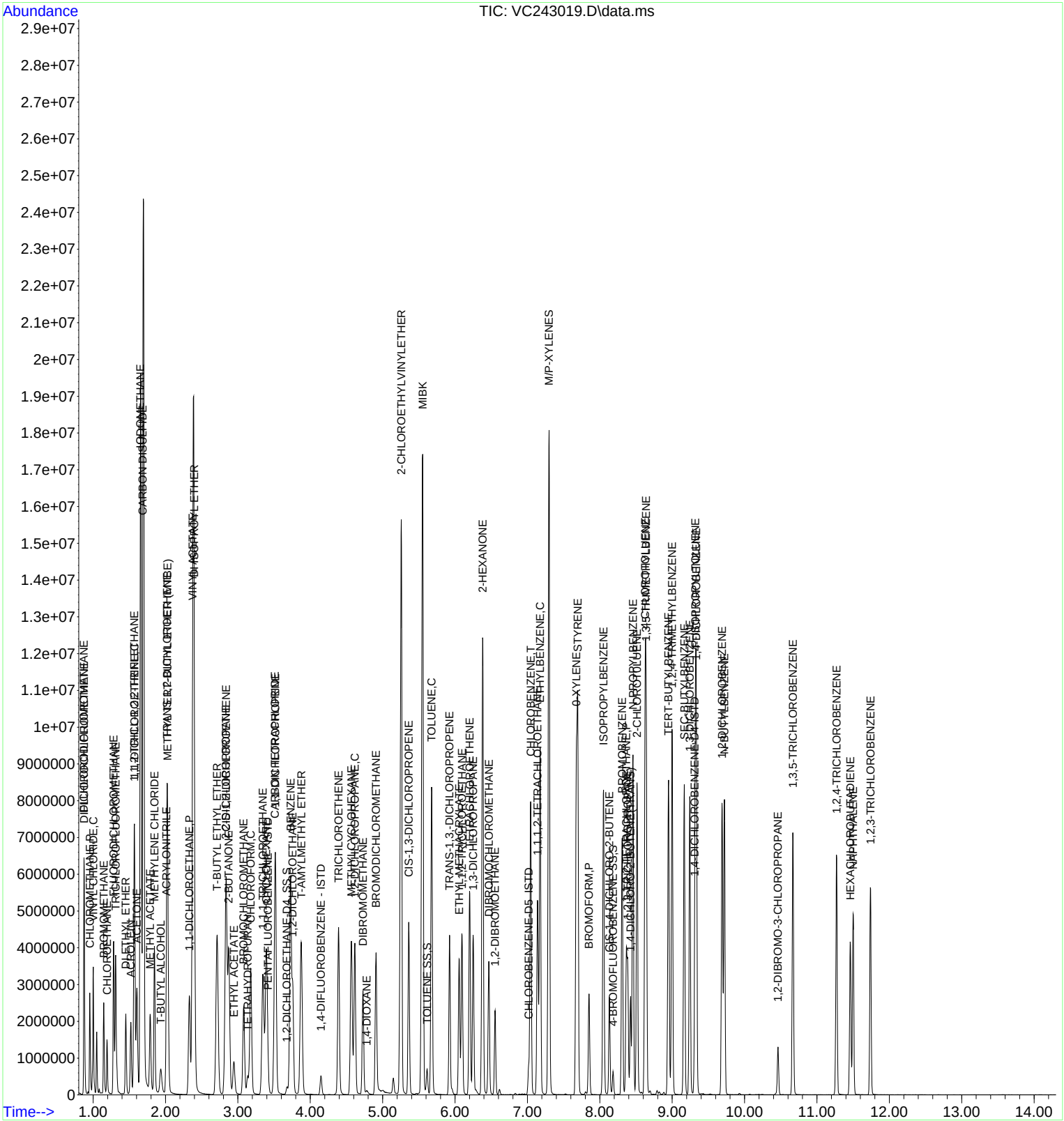
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,4-DIOXANE	4.781	88	81674m	1939.61	UG/L	
57) BROMODICHLOROMETHANE	4.909	83	2090860	243.76	UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.258	63	5990311	2154.94	UG/L	97
59) MIBK	5.553	43	10697157	2219.52	UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.361	75	1992866	224.53	UG/L	98
61) TOLUENE	5.676	91	4897898	201.98	UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	1811109	238.77	UG/L	96
63) ETHYL METHACRYLATE	6.058	69	1438033	211.73	UG/L	94
64) 1,1,2-TRICHLOROETHANE	6.094	97	1080541	202.25	UG/L	99
65) 2-HEXANONE	6.381	43	7279880	2165.11	UG/L	98
66) TETRACHLOROETHENE	6.203	166	1382474	204.25	UG/L	99
67) 1,3-DICHLOROPROPANE	6.250	76	1860882	212.87	UG/L	100
68) DIBROMOCHLOROMETHANE	6.468	129	1521337	256.24	UG/L	100
69) 1,2-DIBROMOETHANE	6.551	107	1151509	200.45	UG/L	100
72) CHLOROBENZENE	7.045	112	3232404	232.29	UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	1281448	267.02	UG/L	98
74) ETHYLBENZENE	7.176	91	5757792	236.00	UG/L	100
75) M/P-XYLENES	7.299	91	8882111	472.71	UG/L	100
76) 0-XYLENE	7.675	91	4623525	234.81	UG/L	99
77) STYRENE	7.695	104	3563561	239.40	UG/L	97
78) BROMOFORM	7.851	173	1086673	339.44	UG/L	99
79) ISOPROPYLBENZENE	8.052	105	4665811	244.13	UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	454823	298.75	UG/L	93
81) 1,1,2,2-TETRACHLOROETHANE	8.367	83	1398262	234.94	UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.425	53	443050	264.10	UG/L	96
83) BROMOBENZENE	8.308	77	2328893	246.26	UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.386	75	1111716	239.14	UG/L	100
85) N-PROPYLBENZENE	8.459	91	6117353	237.36	UG/L	99
86) 2-CHLOROT0LUENE	8.515	91	3922715	236.10	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.640	105	4478185	245.78	UG/L	98
88) 4-CHLOROTOLUENE	8.626	91	4540610	237.93	UG/L	99
90) TERT-BUTYLBENZENE	8.950	119	3544096	271.97	UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	9.000	105	4566780	274.55	UG/L	97
92) SEC-BUTYLBENZENE	9.167	105	4851188	272.02	UG/L	100
93) 1,3-DICHLOROBENZENE	9.242	146	2716762	264.67	UG/L	99
94) P-ISOPROPYLTOLUENE	9.321	119	4025188	275.39	UG/L	99
95) 1,4-DICHLOROBENZENE	9.334	146	2735251	259.90	UG/L	99
96) N-BUTYLBENZENE	9.722	91	3750004	273.53	UG/L	100
97) 1,2-DICHLOROBENZENE	9.689	146	2620682	262.15	UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	264295	304.22	UG/L	92
99) 1,3,5-TRICHLOROBENZENE	10.667	180	1885677	273.92	UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.273	180	1687643	281.26	UG/L	99
101) HEXACHLOROBUTADIENE	11.462	225	783454	277.53	UG/L	99
102) NAPHTHALENE	11.501	128	3142361	254.75	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	1467149	271.00	UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243019.D
Acq On : 31 Aug 2011 11:19 am
Operator :
Sample : 8260 STD 200PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 31 11:37:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0822W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Aug 30 10:07:57 2011
Response via : Initial Calibration

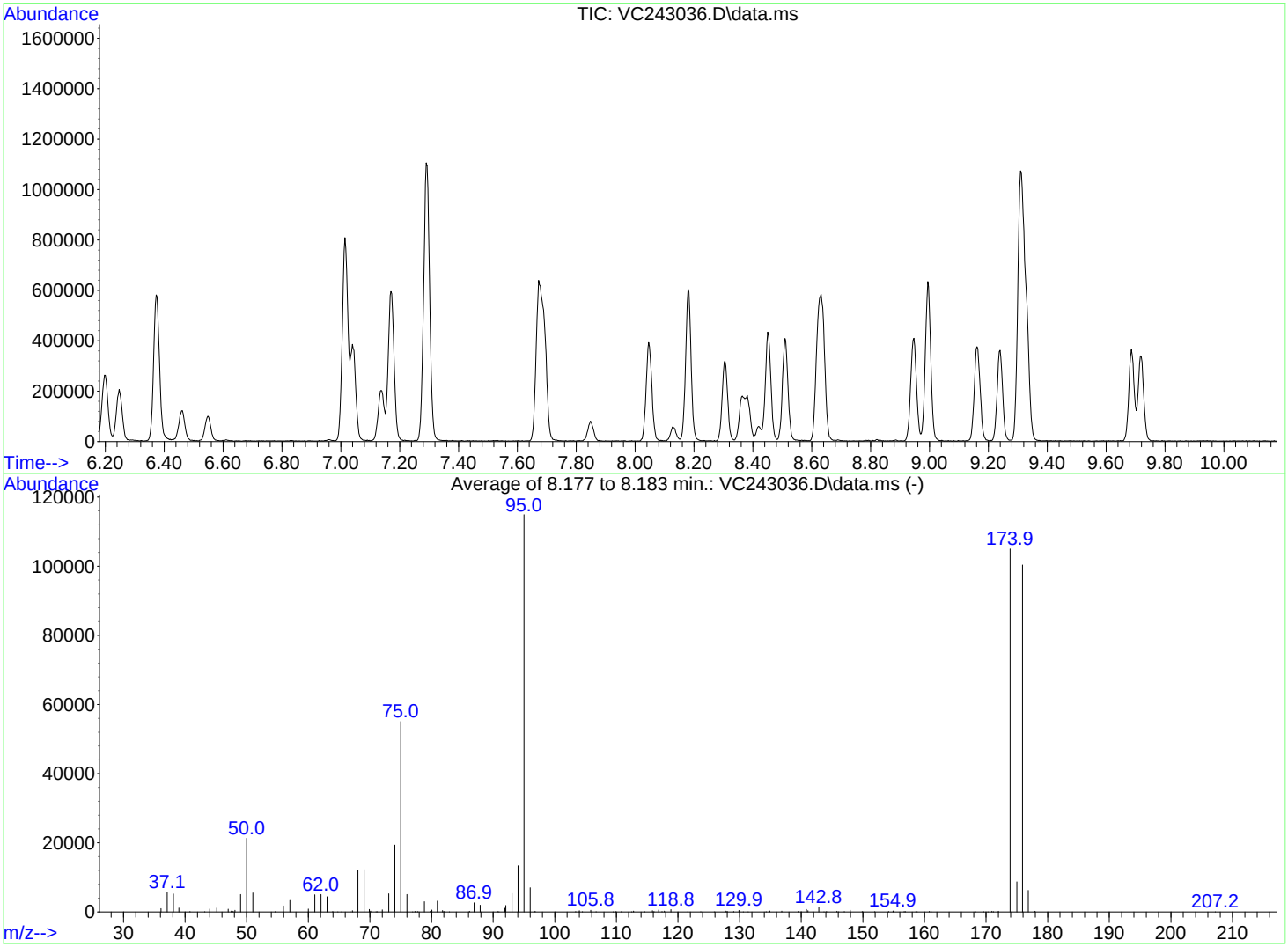


BFB

Data Path : X:\1\DATA\083111\
Data File : VC243036.D
Acq On : 31 Aug 2011 7:53 pm
Operator :
Sample : 8260STD 10PPB
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File: 8260B.P

Method : Z:\1\METHODS\E090211W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5
Last Update : Tue Sep 06 11:09:16 2011



AutoFind: Scans 2646, 2647, 2648; Background Corrected with Scan 2634

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.5	21312	PASS
75	95	30	60	47.9	55090	PASS
95	95	100	100	100.0	114917	PASS
96	95	5	9	6.1	7021	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.4	105016	PASS
175	174	5	9	8.3	8738	PASS
176	174	95	101	95.6	100387	PASS
177	176	5	9	6.2	6218	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243036.D
Acq On : 31 Aug 2011 7:53 pm
Operator :
Sample : 8260STD 10PPB
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 01 13:24:39 2011
Quant Method : X:\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	268769	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	368089	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	198423	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	183190	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	151832	25.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%				
49) TOLUENE SS	5.609	98	358197	24.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	151761	25.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	69829	7.61	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	81461	8.55	UG/L		99
5) CHLOROMETHANE	0.954	50	50481	7.86	UG/L		100
6) VINYL CHLORIDE	1.002	62	61219	8.69	UG/L		99
7) BROMOMETHANE	1.150	94	42609	9.42	UG/L		98
8) CHLOROETHANE	1.197	64	28791	8.53	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	102752	9.12	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	85174	8.91	UG/L		99
11) ETHANOL	1.403	45	2371	41.68	UG/L	#	92
12) DI ETHYL ETHER	1.451	59	34530	9.17	UG/L		99
13) ACROLEIN	1.521	56	44971	99.83	UG/L		96
14) ACETONE	1.604	43	144091	95.70	UG/L		99
15) 1,1-DICHLOROETHENE	1.571	61	80564	9.02	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	44819	8.98	UG/L		98
17) IODOMETHANE	1.657	142	683766	76.66	UG/L	#	100
20) METHYL ACETATE	1.788	43	89071	9.58	UG/L		100
21) T-BUTYL ALCOHOL	1.928	59	30342	127.09	UG/L	#	75
22) ACRYLONITRILE	2.011	53	18474	9.50	UG/L		97
23) METHYLENE CHLORIDE	1.847	49	67188	8.63	UG/L		99
24) CARBON DISULFIDE	1.693	76	1335467	89.99	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	176421	9.95	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.023	61	78742	9.12	UG/L		99
27) 1,1-DICHLOROETHANE	2.329	63	98799	9.10	UG/L		99
28) VINYL ACETATE	2.379	43	872065	80.94	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	175832	9.05	UG/L		100
31) 2-BUTANONE	2.873	43	227878	101.03	UG/L	#	97
32) T-BUTYL ETHYL ETHER	2.709	59	165004	9.09	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	94013	9.14	UG/L		96
34) 2,2-DICHLOROPROPANE	2.831	77	50087	9.04	UG/L		94
35) ETHYL ACETATE	2.948	43	52959	9.32	UG/L	#	92
38) BROMOCHLOROMETHANE	3.079	49	46451	8.91	UG/L		98
39) TETRAHYDROFURAN	3.138	42	13427	9.23	UG/L	#	73
40) CHLOROFORM	3.177	83	114384	8.93	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.344	97	88737	8.98	UG/L		98
42) CYCLOHEXANE	3.389	56	80802	9.02	UG/L		98
43) CARBON TETRACHLORIDE	3.512	117	49888	8.06	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	83461	9.06	UG/L		97
45) BENZENE	3.726	78	272644	11.97	UG/L		99
47) T-AMYLMETHYL ETHER	3.871	73	136400	9.21	UG/L	#	94
50) 1,2-DICHLOROETHANE	3.754	62	103469	9.28	UG/L	#	89
51) TRICHLOROETHENE	4.390	95	60745	8.93	UG/L		100
52) METHYLCYCLOHEXANE	4.566	83	72587	9.02	UG/L		99
53) 1,2-DICHLOROPROPANE	4.613	63	51013	8.88	UG/L		99

Data Path : X:\1\DATA\083111\
Data File : VC243036.D
Acq On : 31 Aug 2011 7:53 pm
Operator :
Sample : 8260STD 10PPB
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 01 13:24:39 2011
Quant Method : X:\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

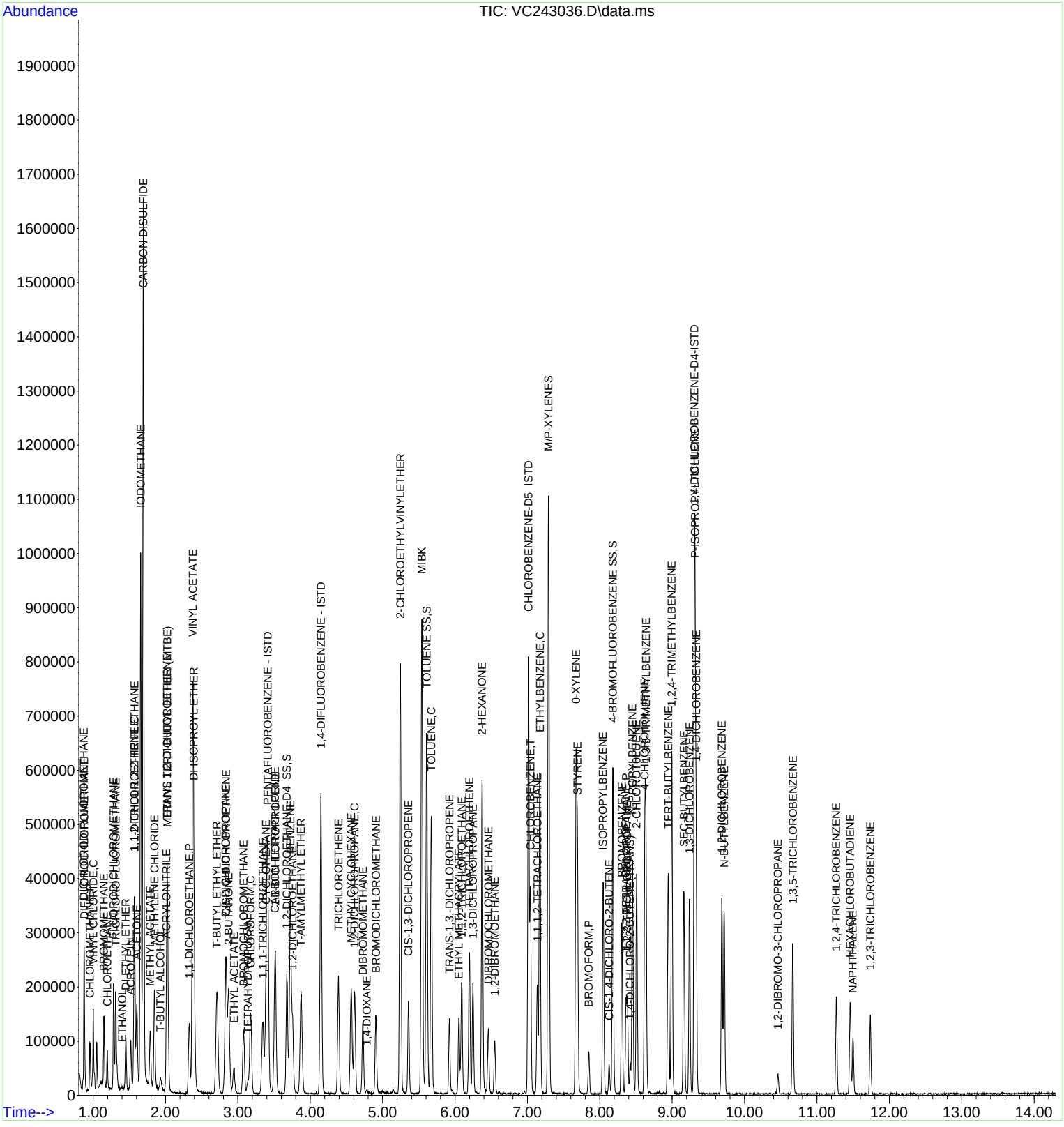
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	4.728	93	38303	9.07	UG/L		98
56) 1,4-DIOXANE	4.778	88	3660	94.81	UG/L	#	51
57) BROMODICHLOROMETHANE	4.909	83	77936	8.90	UG/L		100
58) 2-CHLOROETHYLVINYLETHER	5.243	63	276349	96.69	UG/L		99
59) MIBK	5.542	43	499447	98.77	UG/L		99
60) CIS-1,3-DICHLOROPROPENE	5.355	75	72658	9.96	UG/L		98
61) TOLUENE	5.673	91	292103m	11.97	UG/L		
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	54411	10.61	UG/L		98
63) ETHYL METHACRYLATE	6.049	69	52442	8.29	UG/L		100
64) 1,1,2-TRICHLOROETHANE	6.091	97	49385	9.15	UG/L		99
65) 2-HEXANONE	6.373	43	321956	95.49	UG/L		98
66) TETRACHLOROETHENE	6.200	166	62725	8.70	UG/L		98
67) 1,3-DICHLOROPROPANE	6.247	76	84686	9.03	UG/L		98
68) DIBROMOCHLOROMETHANE	6.462	129	49655	10.28	UG/L		96
69) 1,2-DIBROMOETHANE	6.548	107	51558	9.45	UG/L		97
72) CHLOROBENZENE	7.042	112	150444	9.09	UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.140	131	40993	10.29	UG/L		99
74) ETHYLBENZENE	7.173	91	337242m	12.04	UG/L		
75) M/P-XYLENES	7.290	91	552657	25.28	UG/L		99
76) 0-XYLENE	7.672	91	287830	12.59	UG/L		98
77) STYRENE	7.692	104	162080	9.61	UG/L		95
78) BROMOFORM	7.848	173	29300	8.65	UG/L		99
79) ISOPROPYLBENZENE	8.043	105	215315	9.46	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	10158	8.63	UG/L	#	71
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	61698	9.46	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.417	53	11050	9.21	UG/L	#	82
83) BROMOBENZENE	8.305	77	100629	8.75	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	8.381	75	51780	9.50	UG/L		98
85) N-PROPYLBENZENE	8.450	91	273414	9.42	UG/L		100
86) 2-CHLOROT0LUENE	8.509	91	181636	9.20	UG/L		100
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	204842	9.56	UG/L		99
88) 4-CHLOROTOLUENE	8.620	91	211310	9.61	UG/L		100
90) TERT-BUTYLBENZENE	8.947	119	164673	9.31	UG/L		100
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	284264	12.77	UG/L		99
92) SEC-BUTYLBENZENE	9.161	105	218321	9.34	UG/L		99
93) 1,3-DICHLOROBENZENE	9.240	146	119303	9.07	UG/L		100
94) P-ISOPROPYLTOLUENE	9.318	119	180996	9.58	UG/L		99
95) 1,4-DICHLOROBENZENE	9.332	146	122346	8.85	UG/L		99
96) N-BUTYLBENZENE	9.719	91	156797	8.55	UG/L		100
97) 1,2-DICHLOROBENZENE	9.686	146	117154	9.22	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	6969	9.48	UG/L		95
99) 1,3,5-TRICHLOROBENZENE	10.667	180	73076	8.44	UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.267	180	44885	8.74	UG/L		100
101) HEXACHLOROBUTADIENE	11.459	225	33045	8.96	UG/L		98
102) NAPHTHALENE	11.496	128	63078	11.26	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.738	180	35107	9.64	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\083111\
Data File : VC243036.D
Acq On : 31 Aug 2011 7:53 pm
Operator :
Sample : 8260STD 10PPB
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 01 13:24:39 2011
Quant Method : X:\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration



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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100028
Lab File ID:	VC244009.D	Calibration Date:	08/31/11 00:00
Sequence:	S001018	Injection Date:	09/01/11
Lab Sample ID:	S001018-CCV1	Injection Time:	10:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	98.5	0.1680692	0.1654873		-1.5	20
Acrylonitrile	A	10.0	9.59	0.216962	0.2080181		-4.1	20
tert-Amyl Methyl Ether (TAME)	A	10.0	9.64	1.652616	1.592457		-3.6	20
Benzene	A	10.0	9.68	2.542275	2.461542		-3.2	20
Bromobenzene	A	10.0	9.79	1.738575	1.702092		-2.1	20
Bromochloromethane	A	10.0	9.66	0.5818354	0.5623089		-3.4	20
Bromodichloromethane	A	10.0	9.95	0.7140706	0.7108463		-0.5	20
Bromoform	L	10.0	8.84	0.4649323	0.4583026		-11.6	20
Bromomethane	A	10.0	9.85	0.5047394	0.4970834		-1.5	20
2-Butanone (MEK)	A	100	102	0.2517647	0.2578334		2.4	20
tert-Butyl Alcohol (TBA)	L	100	115	0.0314575	2.843424E-02		14.7	20
n-Butylbenzene	L	10.0	8.54	2.480343	2.566406		-14.6	20
sec-Butylbenzene	A	10.0	10.0	3.829527	3.842545		0.3	20
tert-Butylbenzene	A	10.0	9.57	2.897292	2.773105		-4.3	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.55	2.026808	1.936556		-4.5	20
Carbon Disulfide	A	100	97.2	1.656545	1.61097		-2.8	20
Carbon Tetrachloride	L	10.0	8.28	0.6626711	0.5789633		-17.2	20
Chlorobenzene	A	10.0	9.60	2.501881	2.402505		-4.0	20
Chlorodibromomethane	A	10.0	11.3	0.3936584	0.4441345		12.8	20
Chloroethane	A	10.0	9.50	0.3766937	0.3578454		-5.0	20
Chloroform	A	10.0	9.67	1.429143	1.38245		-3.3	20
Chloromethane	A	10.0	9.07	0.7172366	0.650689		-9.3	20
2-Chlorotoluene	A	10.0	9.80	2.985157	2.924444		-2.0	20
4-Chlorotoluene	A	10.0	10.0	3.323526	3.322333		-0.04	20

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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100028
Lab File ID:	VC244009.D	Calibration Date:	08/31/11 00:00
Sequence:	S001018	Injection Date:	09/01/11
Lab Sample ID:	S001018-CCV1	Injection Time:	10:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	9.72	0.1330552	0.119171		-2.8	20
1,2-Dibromoethane (EDB)	A	10.0	10.0	0.4445757	0.4459796		0.3	20
Dibromomethane	A	10.0	10.2	0.344231	0.3492916		1.5	20
1,2-Dichlorobenzene	A	10.0	9.85	2.080535	2.048546		-1.5	20
1,3-Dichlorobenzene	A	10.0	9.58	2.154256	2.063146		-4.2	20
1,4-Dichlorobenzene	A	10.0	9.66	2.263883	2.187093		-3.4	20
trans-1,4-Dichloro-2-butene	L	10.0	9.36	0.221909	0.1722621		-6.4	20
Dichlorodifluoromethane (Freon 12)	A	10.0	10.3	1.024499	1.057615		3.2	20
1,1-Dichloroethane	A	10.0	9.63	1.211565	1.166465		-3.7	20
1,2-Dichloroethane	A	10.0	9.93	0.9091609	0.9027312		-0.7	20
1,1-Dichloroethylene	A	10.0	9.66	0.9968224	0.9625235		-3.4	20
cis-1,2-Dichloroethylene	A	10.0	9.56	1.147686	1.097573		-4.4	20
trans-1,2-Dichloroethylene	A	10.0	9.73	0.9634846	0.9373058		-2.7	20
1,2-Dichloropropane	A	10.0	9.56	0.4683292	0.4474892		-4.4	20
1,3-Dichloropropane	A	10.0	10.0	0.7640374	0.765825		0.2	20
2,2-Dichloropropane	A	10.0	8.74	0.6182939	0.5404469		-12.6	20
1,1-Dichloropropene	A	10.0	9.46	1.028552	0.9725659		-5.4	20
cis-1,3-Dichloropropene	A	10.0	10.8	0.5946245	0.6395884		7.6	20
trans-1,3-Dichloropropene	A	10.0	11.4	0.4179383	0.4763669		14.0	20
Diethyl Ether	A	10.0	10.0	0.4201591	0.4219647		0.4	20
Diisopropyl Ether (DIPE)	A	10.0	9.66	2.169635	2.09481		-3.4	20
1,4-Dioxane	A	100	116	3.146148E-03	3.660275E-03		16.3	20
Ethylbenzene	A	10.0	9.79	4.23402	4.143071		-2.1	20
Hexachlorobutadiene	L	10.0	8.79	0.5269617	0.5301816		-12.1	20
2-Hexanone (MBK)	A	100	98.2	0.2748031	0.269785		-1.8	20

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100028
Lab File ID:	VC244009.D	Calibration Date:	08/31/11 00:00
Sequence:	S001018	Injection Date:	09/01/11
Lab Sample ID:	S001018-CCV1	Injection Time:	10:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	9.57	3.442255	3.294534		-4.3	20
p-Isopropyltoluene (p-Cymene)	A	10.0	10.3	3.093604	3.172851		2.6	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.82	1.979012	1.944311		-1.8	20
Methylene Chloride	A	10.0	10.0	0.8685047	0.8695573		0.1	20
4-Methyl-2-pentanone (MIBK)	A	100	102	0.412119	0.4201275		1.9	20
Naphthalene	L	10.0	10.8	1.6523	0.9010554		7.5	20
n-Propylbenzene	A	10.0	10.0	4.388938	4.387464		-0.03	20
Styrene	A	10.0	9.84	2.550346	2.510374		-1.6	20
1,1,1,2-Tetrachloroethane	A	10.0	11.1	0.6024119	0.6704996		11.3	20
1,1,2,2-Tetrachloroethane	A	10.0	10.1	0.9863291	0.9998489		1.4	20
Tetrachloroethylene	A	10.0	9.38	0.5873903	0.5511193		-6.2	20
Tetrahydrofuran	A	10.0	10.0	0.1623468	0.1629519		0.4	20
Toluene	A	10.0	9.78	1.988447	1.944335		-2.2	20
1,2,3-Trichlorobenzene	L	10.0	9.37	0.7396786	0.5426674		-6.3	20
1,2,4-Trichlorobenzene	L	10.0	8.51	0.8166714	0.7047276		-14.9	20
1,3,5-Trichlorobenzene	L	10.0	8.78	1.116743	1.247559		-12.2	20
1,1,1-Trichloroethane	A	10.0	9.12	1.102471	1.005166		-8.8	20
1,1,2-Trichloroethane	A	10.0	9.96	0.4396515	0.4379378		-0.4	20
Trichloroethylene	A	10.0	9.53	0.5541382	0.5278512		-4.7	20
Trichlorofluoromethane (Freon 11)	A	10.0	9.83	1.067404	1.049661		-1.7	20
1,2,3-Trichloropropane	A	10.0	9.68	0.8240242	0.7980427		-3.2	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.39	0.5569942	0.5231463		-6.1	20
1,2,4-Trimethylbenzene	A	10.0	9.89	3.644069	3.602654		-1.1	20

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

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11H1080
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100028
Lab File ID:	VC244009.D	Calibration Date:	08/31/11 00:00
Sequence:	S001018	Injection Date:	09/01/11
Lab Sample ID:	S001018-CCV1	Injection Time:	10:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.1	3.239754	3.261113		0.7	20
Vinyl Chloride	A	10.0	9.66	0.7864451	0.7597006		-3.4	20
m+p Xylene	A	20.0	19.6	3.30566	3.243092		-1.9	20
o-Xylene	A	10.0	9.81	3.456469	3.391107		-1.9	20
1,2-Dichloroethane-d4	A	25.0	24.9	0.667063	0.6655188		-0.2	
Toluene-d8	A	25.0	25.4	1.171074	1.187599		1.4	
4-Bromofluorobenzene	A	25.0	25.1	0.8848549	0.8887397		0.4	

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

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\081811\
Data File : VB230002.D
Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	514273	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	743826	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	391808	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	400710	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	251565	21.84	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.36%				
42) TOLUENE-D8 SS	6.126	98	690048	24.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.08%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	303603	25.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.32%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	75987	9.20	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.037	51	130986	9.29	UG/L		98
5) CHLOROMETHANE	1.132	50	102851	10.32	UG/L		99
6) VINYL CHLORIDE	1.188	62	75438	10.01	UG/L		99
7) BROMOMETHANE	1.363	94	31548	8.30	UG/L		95
8) CHLOROETHANE	1.422	64	42005	10.67	UG/L		97
9) FLUORODICHLOROMETHANE	1.531	67	114342	10.91	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.567	101	88333	10.39	UG/L		97
11) DI ETHYL ETHER	1.740	59	60092	11.17	UG/L		98
12) ACROLEIN	1.826	56	85446	158.25	UG/L	#	99
13) ACETONE	1.927	43	283684	113.90	UG/L		100
14) 1,1-DICHLOROETHENE	1.885	61	100719	11.16	UG/L		99
15) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	48578	10.84	UG/L		100
16) IODOMETHANE	1.994	142	756717	103.70	UG/L		100
17) METHYL ACETATE	2.153	43	168031	11.13	UG/L		99
18) T-BUTYL ALCOHOL	2.328	59	71538	128.80	UG/L	#	84
19) ACRYLONITRILE	2.423	53	38123	11.03	UG/L		98
20) METHYLENE CHLORIDE	2.228	49	123825	11.59	UG/L		98
21) CARBON DISULFIDE	2.038	76	1294906	115.93	UG/L	#	94
22) METHYL TERT-BUTYL ETHE...	2.451	73	167099	10.40	UG/L		97
23) TRANS 1,2-DICHLOROETHENE	2.443	61	92287	11.10	UG/L		100
24) 1,1-DICHLOROETHANE	2.819	63	113545	10.68	UG/L		99
25) VINYL ACETATE	2.880	43	1790028	116.60	UG/L		96
26) DI ISOPROPYL ETHER	2.903	45	278927	11.07	UG/L		98
27) 2-BUTANONE	3.444	43	474516	98.52	UG/L		98
28) T-BUTYL ETHYL ETHER	3.276	59	215909	8.83	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.407	61	121201	9.23	UG/L		97
30) 2,2-DICHLOROPROPANE	3.405	77	66097	10.18	UG/L		99
31) ETHYL ACETATE	3.519	43	116562	9.91	UG/L		99
32) BROMOCHLOROMETHANE	3.644	128	33463	10.15	UG/L		93
33) TETRAHYDROFURAN	3.711	42	28935	8.69	UG/L		96
34) CHLOROFORM	3.745	83	112986	9.17	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	87918	10.09	UG/L		99
36) CYCLOHEXANE	3.957	56	108040	8.49	UG/L		94
37) CARBON TETRACHLORIDE	4.068	117	68258	8.95	UG/L		100
38) 1,1-DICHLOROPROPENE	4.074	75	81660	9.10	UG/L		99
39) BENZENE	4.280	78	253293	8.85	UG/L		99
40) T-AMYLMETHYL ETHER	4.422	73	132436	8.46	UG/L	#	81
43) 1,2-DICHLOROETHANE	4.311	62	114488	10.90	UG/L		98
44) TRICHLOROETHENE	4.930	95	65541	10.31	UG/L		93
45) METHYLCYCLOHEXANE	5.106	83	64136	9.13	UG/L		94
46) 1,2-DICHLOROPROPANE	5.148	63	70808	9.97	UG/L		93
47) DIBROMOMETHANE	5.259	93	42371	10.54	UG/L		93

Data Path : W:\1\DATA\081811\
Data File : VB230002.D
Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration

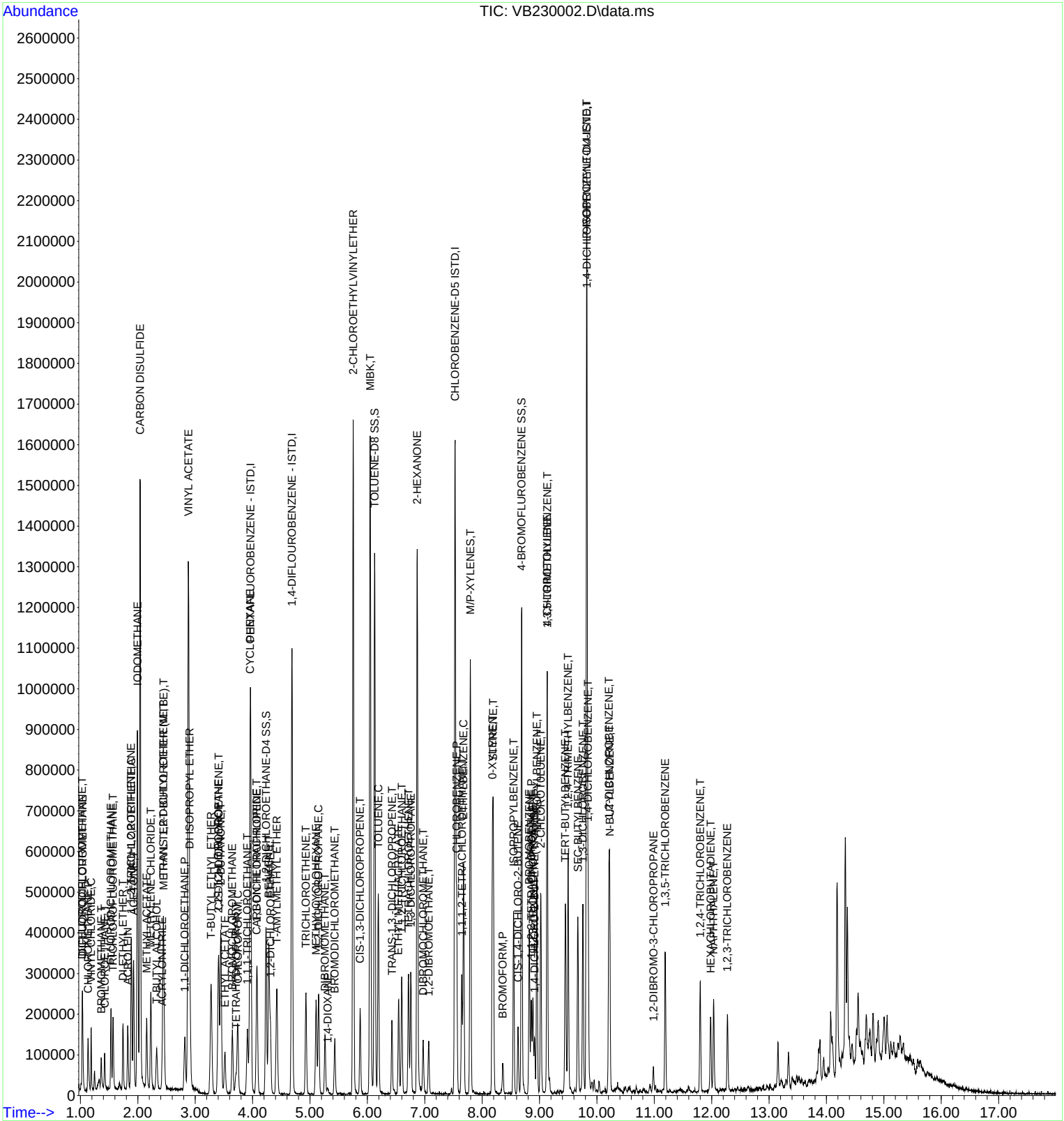
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.306	88	7645	159.86	UG/L	#	94
49) BROMODICHLOROMETHANE	5.432	83	69602	10.84	UG/L		99
50) 2-CHLOROETHYLVINYLETHER	5.753	63	508611	105.33	UG/L		94
51) MIBK	6.048	43	1020718	116.77	UG/L		96
52) CIS-1,3-DICHLOROPROPENE	5.873	75	78677	8.73	UG/L		95
53) TOLUENE	6.190	91	279083	10.35	UG/L		100
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	66623	9.26	UG/L		95
55) ETHYL METHACRYLATE	6.542	41	85977	11.04	UG/L		99
56) 1,1,2-TRICHLOROETHANE	6.600	97	70635	11.52	UG/L		99
57) 2-HEXANONE	6.868	43	809437	133.69	UG/L		97
58) TETRACHLOROETHENE	6.718	164	55788	11.82	UG/L		98
59) 1,3-DICHLOROPROPANE	6.757	76	118241	11.04	UG/L		97
60) DIBROMOCHLOROMETHANE	6.974	129	50204	11.24	UG/L		98
61) 1,2-DIBROMOETHANE	7.069	107	68765	11.35	UG/L		99
64) CHLOROBENZENE	7.557	112	206508	11.26	UG/L		98
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	58989	10.64	UG/L		97
66) ETHYLBENZENE	7.674	91	325417	10.90	UG/L		99
67) M/P-XYLENES	7.794	91	524861	23.05	UG/L		99
68) 0-XYLENE	8.179	91	265576	11.28	UG/L		98
69) STYRENE	8.193	104	212983	11.65	UG/L		99
70) BROMOFORM	8.357	173	29057	8.73	UG/L		99
71) ISOPROPYLBENZENE	8.547	105	232236	10.64	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	36010	11.03	UG/L	#	68
73) 1,1,2,2-TETRACHLOROETHANE	8.854	83	87814	10.17	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	31200	10.61	UG/L	#	80
75) BROMOBENZENE	8.820	77	128828	10.09	UG/L		95
76) 1,2,3-TRICHLOROPROPANE	8.884	110	28440	10.84	UG/L		84
77) N-PROPYLBENZENE	8.954	91	328601	10.56	UG/L		99
78) 2-CHLOROT0LUENE	9.021	91	227100	10.96	UG/L		99
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	240079	11.16	UG/L		100
80) 4-CHLOROTOLUENE	9.133	91	263803	11.25	UG/L		99
82) TERT-BUTYLBENZENE	9.448	119	177133	9.86	UG/L		100
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	258924	10.66	UG/L		97
84) SEC-BUTYLBENZENE	9.668	105	236007	9.55	UG/L		99
85) 1,3-DICHLOROBENZENE	9.757	146	159319	10.21	UG/L		100
86) P-ISOPROPYLTOLUENE	9.819	119	198576	9.56	UG/L		99
87) 1,4-DICHLOROBENZENE	9.846	146	165020	9.98	UG/L		99
88) N-BUTYLBENZENE	10.223	91	182095	9.56	UG/L		99
89) 1,2-DICHLOROBENZENE	10.209	146	157839	10.19	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	9454	9.51	UG/L		93
91) 1,3,5-TRICHLOROBENZENE	11.188	180	90964	9.74	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.798	180	71042	8.38	UG/L		99
93) HEXACHLOROBUTADIENE	11.982	225	35524	9.90	UG/L		97
94) NAPHTHALENE	12.033	128	140061	7.94	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.273	180	48247	7.07	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\081811\
Data File : VB230002.D
Acq On : 18 Aug 2011 10:46 am
Operator : LBD/MFF
Sample : 8260 STD 10 PPB/BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 10:06:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Thu Aug 18 13:31:50 2011
Response via : Initial Calibration



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ANALYTICAL LABORATORY
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VOLATILES QC DATA

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

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036500-BLK1	File ID:	VC244014.D
Sampled:		Prepared:	08/31/11 09:48	Analyzed:	09/01/11 13:19
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				
Column:	1				

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

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036500-BLK1	File ID:	VC244014.D
Sampled:		Prepared:	08/31/11 09:48	Analyzed:	09/01/11 13:19
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				
Column:	1				

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

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036500-BLK1	File ID:	VC244014.D
Sampled:		Prepared:	08/31/11 09:48	Analyzed:	09/01/11 13:19
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				
Column:	1				

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244014.D
Acq On : 1 Sep 2011 1:19 pm
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 01 15:39:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

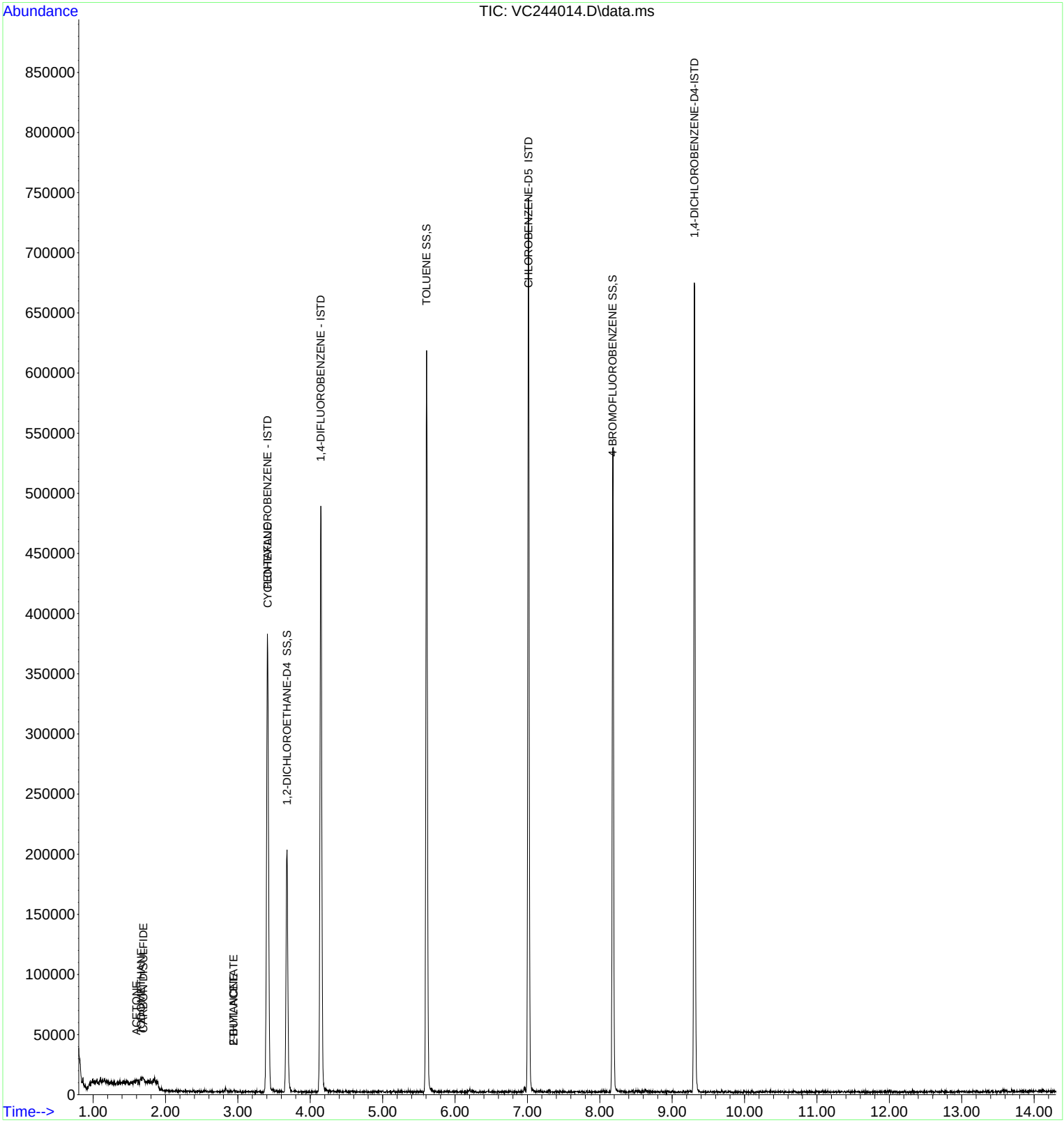
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	258149	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	342284	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	186309	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	150240	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	142459	24.82	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%			
49) TOLUENE SS	5.606	98	332516	24.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.56%			
71) 4-BROMOFLUOROBENZENE SS	8.177	95	134086	24.40	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.60%			
Target Compounds						Qvalue
14) ACETONE	1.599	43	1065	0.74	UG/L	# 51
17) IODOMETHANE	1.660	142	1853	1.07	UG/L	# 100
24) CARBON DISULFIDE	1.694	76	1781	0.12	UG/L	# 100
31) 2-BUTANONE	2.940	43	949	0.44	UG/L	# 59
35) ETHYL ACETATE	2.940	43	949	0.17	UG/L	# 71
42) CYCLOHEXANE	3.411	56	4790	0.56	UG/L	# 57

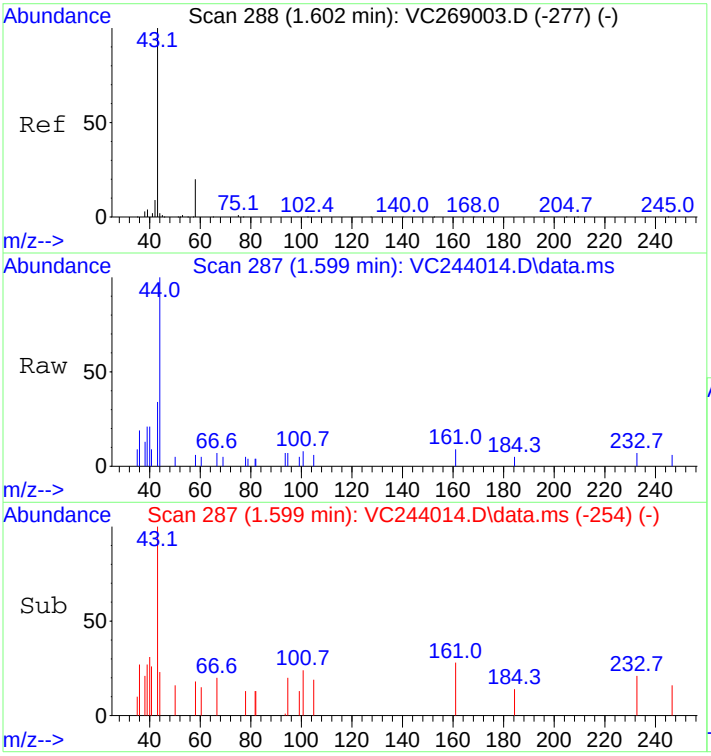
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244014.D
Acq On : 1 Sep 2011 1:19 pm
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 01 15:39:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

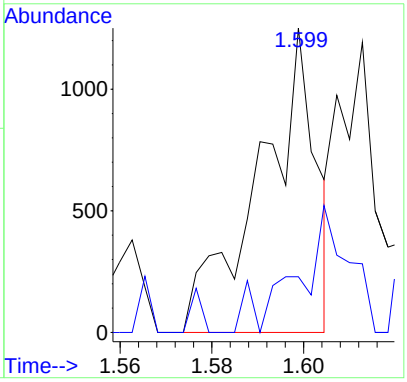


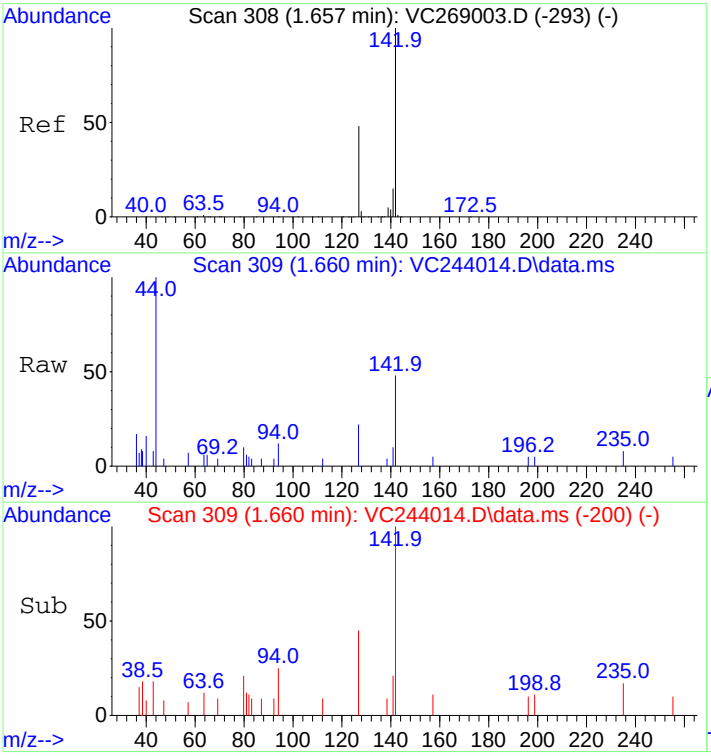


#14
ACETONE
Concen: 0.74 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.003 min
Lab File: VC244014.D
Acq: 1 Sep 2011 1:19 pm

Tgt Ion: 43 Resp: 1065

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.5	29.3#

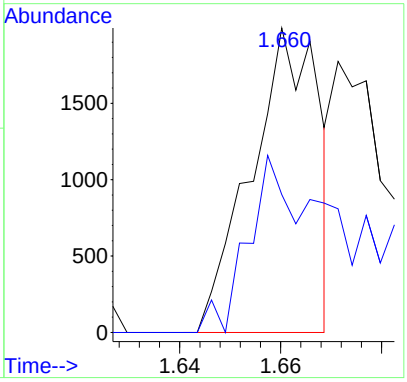


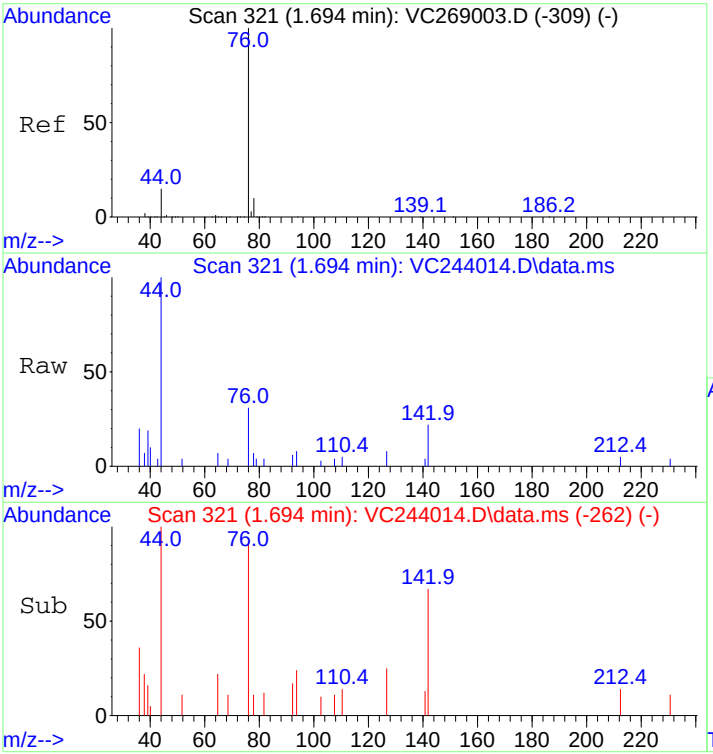


#17
IODOMETHANE
Concen: 1.07 UG/L
RT: 1.660 min Scan# 309
Delta R.T. 0.003 min
Lab File: VC244014.D
Acq: 1 Sep 2011 1:19 pm

Tgt Ion:142 Resp: 1853

Ion	Ratio	Lower	Upper
142	100		
127	37.5	0.0	0.0#

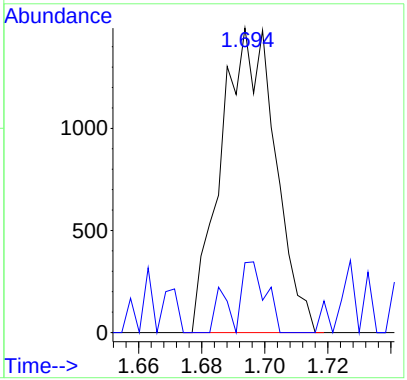


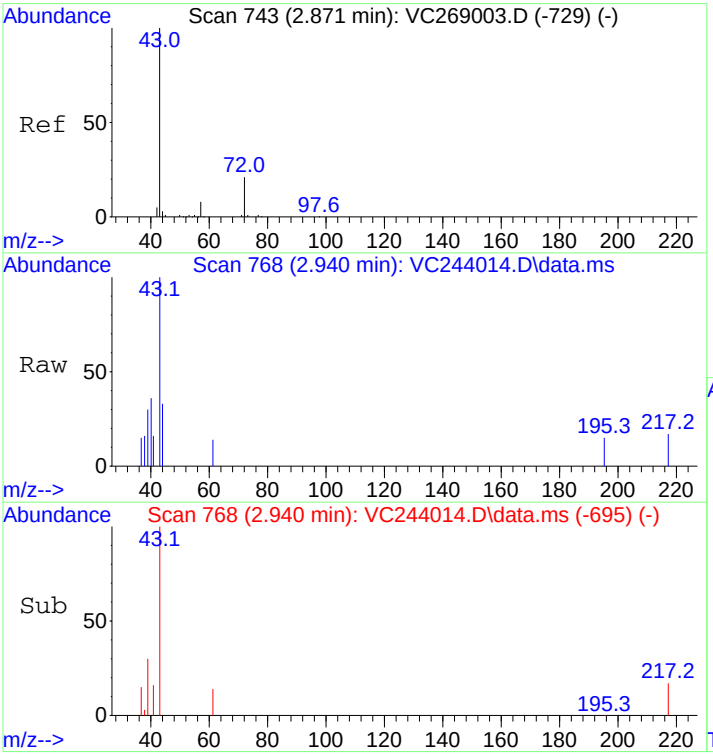


#24
CARBON DISULFIDE
Concen: 0.12 UG/L
RT: 1.694 min Scan# 321
Delta R.T. 0.000 min
Lab File: VC244014.D
Acq: 1 Sep 2011 1:19 pm

Tgt Ion: 76 Resp: 1781

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

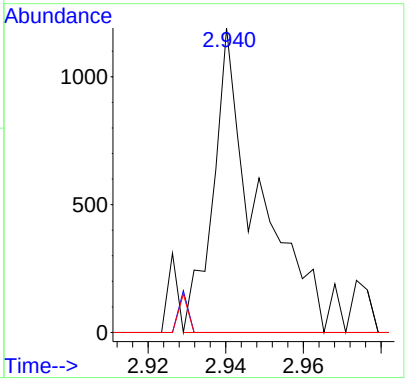


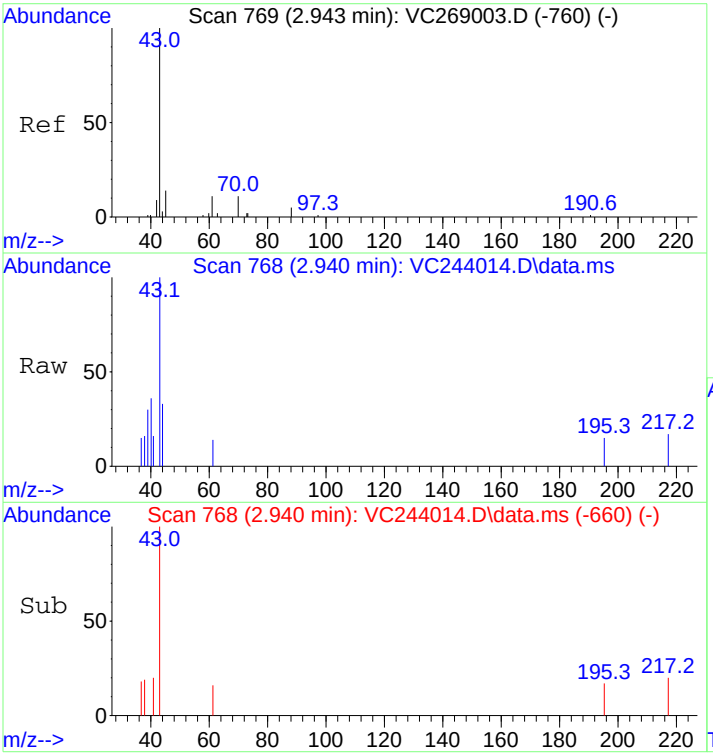


#31
2-BUTANONE
Concen: 0.44 UG/L
RT: 2.940 min Scan# 768
Delta R.T. 0.070 min
Lab File: VC244014.D
Acq: 1 Sep 2011 1:19 pm

Tgt Ion: 43 Resp: 949

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.1	9.1#
72	0.0	18.2	27.4#

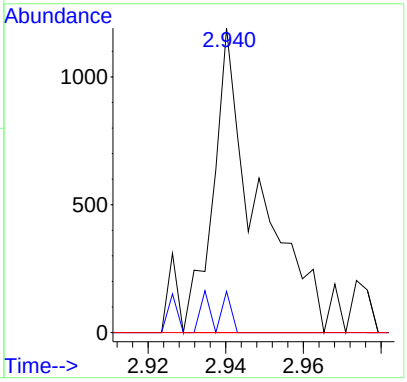


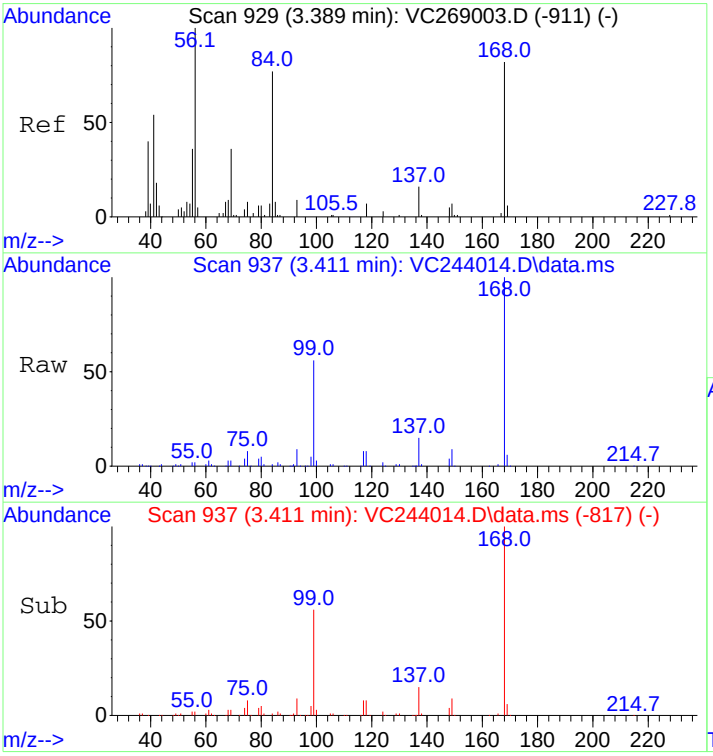


#35
ETHYL ACETATE
Concen: 0.17 UG/L
RT: 2.940 min Scan# 768
Delta R.T. 0.000 min
Lab File: VC244014.D
Acq: 1 Sep 2011 1:19 pm

Tgt Ion: 43 Resp: 949

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.0	7.3	10.9#

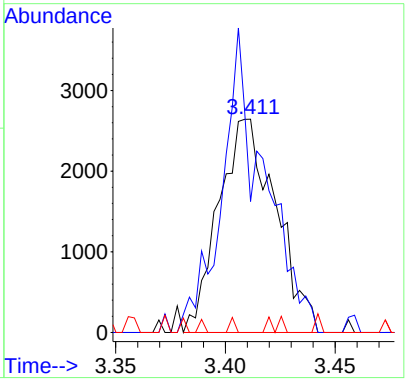




#42
CYCLOHEXANE
Concen: 0.56 UG/L
RT: 3.411 min Scan# 937
Delta R.T. 0.022 min
Lab File: VC244014.D
Acq: 1 Sep 2011 1:19 pm

Tgt Ion: 56 Resp: 4790

Ion	Ratio	Lower	Upper
56	100		
84	105.4	73.7	110.5
41	0.0	53.0	79.4#



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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036500-BS1	File ID:	VC244011.D
Sampled:		Prepared:	08/31/11 09:48	Analyzed:	09/01/11 11:47
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	111	0.54	50	
107-13-1	Acrylonitrile	9.56	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.3	0.11	0.50	
71-43-2	Benzene	10.6	0.050	1.0	
108-86-1	Bromobenzene	10.4	0.10	1.0	
74-97-5	Bromochloromethane	10.4	0.10	1.0	
75-27-4	Bromodichloromethane	10.3	0.080	0.50	
75-25-2	Bromoform	9.46	0.25	1.0	
74-83-9	Bromomethane	6.29	0.38	2.0	
78-93-3	2-Butanone (MEK)	99.6	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	119	3.5	20	V-16
104-51-8	n-Butylbenzene	9.62	0.050	1.0	
135-98-8	sec-Butylbenzene	11.1	0.050	1.0	
98-06-6	tert-Butylbenzene	10.6	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.13	0.070	0.50	
75-15-0	Carbon Disulfide	11.4	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.39	0.090	5.0	
108-90-7	Chlorobenzene	10.5	0.050	1.0	
124-48-1	Chlorodibromomethane	12.3	0.12	0.50	
75-00-3	Chloroethane	9.28	0.33	2.0	
67-66-3	Chloroform	10.6	0.040	2.0	
74-87-3	Chloromethane	8.10	0.13	2.0	
95-49-8	2-Chlorotoluene	10.7	0.050	1.0	
106-43-4	4-Chlorotoluene	10.9	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.4	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.0	0.14	0.50	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036500-BS1	File ID:	VC244011.D
Sampled:		Prepared:	08/31/11 09:48	Analyzed:	09/01/11 11:47
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.6	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.9	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.9	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.5	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.82	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.43	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.9	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.7	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.6	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.5	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.1	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.5	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.5	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.5	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.4	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	13.9	0.12	0.50	L-02
60-29-7	Diethyl Ether	10.8	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.44	0.030	0.50	
123-91-1	1,4-Dioxane	122	3.5	50	V-16
100-41-4	Ethylbenzene	10.9	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.86	0.26	0.50	
591-78-6	2-Hexanone (MBK)	91.8	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.4	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.5	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.3	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036500-BS1	File ID:	VC244011.D
Sampled:		Prepared:	08/31/11 09:48	Analyzed:	09/01/11 11:47
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.4	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	94.4	0.22	10	
91-20-3	Naphthalene	11.0	0.21	5.0	
103-65-1	n-Propylbenzene	10.8	0.040	1.0	
100-42-5	Styrene	11.0	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	12.8	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.8	0.18	0.50	
127-18-4	Tetrachloroethylene	10.5	0.14	1.0	
109-99-9	Tetrahydrofuran	8.73	1.0	10	
108-88-3	Toluene	10.7	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.0	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.13	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.66	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.8	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.5	0.080	1.0	
79-01-6	Trichloroethylene	10.4	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.50	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.1	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.1	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.8	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.7	0.060	1.0	
75-01-4	Vinyl Chloride	7.33	0.16	2.0	
108383/106423	m+p Xylene	22.1	0.070	2.0	
95-47-6	o-Xylene	10.9	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244011.D
Acq On : 1 Sep 2011 11:47 am
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 01 15:36:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	241863	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	330801	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	177032	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	162079	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	134087	24.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%				
49) TOLUENE SS	5.606	98	317173	24.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.24%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	130690	25.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	61393	7.43	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.879	51	66263	7.73	UG/L		98
5) CHLOROMETHANE	0.955	50	46837	8.10	UG/L		98
6) VINYL CHLORIDE	1.002	62	46454	7.33	UG/L		98
7) BROMOMETHANE	1.150	94	25612	6.29	UG/L		94
8) CHLOROETHANE	1.194	64	28176	9.28	UG/L		97
9) FLUORODICHLOROMETHANE	1.284	67	79502	7.84	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.314	101	81734	9.50	UG/L		98
11) ETHANOL	1.451	45	26559	1127.89	UG/L	#	52
12) DI ETHYL ETHER	1.451	59	36651	10.82	UG/L		96
13) ACROLEIN	1.521	56	54811	135.22	UG/L		97
14) ACETONE	1.604	43	150055	110.74	UG/L		99
15) 1,1-DICHLOROETHENE	1.571	61	85095	10.59	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	45286	10.08	UG/L		100
17) IODOMETHANE	1.657	142	98352	12.97	UG/L	#	100
20) METHYL ACETATE	1.788	43	87997	10.52	UG/L		99
21) T-BUTYL ALCOHOL	1.931	59	24299	118.61	UG/L		99
22) ACRYLONITRILE	2.011	53	16726	9.56	UG/L		99
23) METHYLENE CHLORIDE	1.844	49	72812	10.40	UG/L		99
24) CARBON DISULFIDE	1.694	76	152423	11.41	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	164199	10.29	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.020	61	86369	11.12	UG/L		99
27) 1,1-DICHLOROETHANE	2.329	63	106440	10.90	UG/L		99
28) VINYL ACETATE	2.377	43	806700	82.96	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	165154	9.44	UG/L		100
31) 2-BUTANONE	2.868	43	202127	99.58	UG/L		100
32) T-BUTYL ETHYL ETHER	2.711	59	149194	9.13	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.840	61	97007	10.48	UG/L		98
34) 2,2-DICHLOROPROPANE	2.834	77	52526	10.54	UG/L		98
35) ETHYL ACETATE	2.946	43	28011	5.48	UG/L	#	82
38) BROMOCHLOROMETHANE	3.074	49	48800	10.40	UG/L	#	76
39) TETRAHYDROFURAN	3.135	42	11427	8.73	UG/L	#	77
40) CHLOROFORM	3.177	83	122426	10.63	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.347	97	96464	10.85	UG/L		98
42) CYCLOHEXANE	3.395	56	78698	9.77	UG/L		97
43) CARBON TETRACHLORIDE	3.512	117	55535	9.39	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	86714	10.46	UG/L		98
45) BENZENE	3.721	78	217904	10.63	UG/L		99
47) T-AMYLMETHYL ETHER	3.869	73	137560	10.32	UG/L	#	94
50) 1,2-DICHLOROETHANE	3.757	62	107698	10.74	UG/L		100
51) TRICHLOROETHENE	4.390	95	63516	10.39	UG/L		98
52) METHYLCYCLOHEXANE	4.566	83	67875	9.39	UG/L		99
53) 1,2-DICHLOROPROPANE	4.610	63	52012	10.07	UG/L	#	95

Data Path : X:\1\DATA\090111\
Data File : VC244011.D
Acq On : 1 Sep 2011 11:47 am
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 01 15:36:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

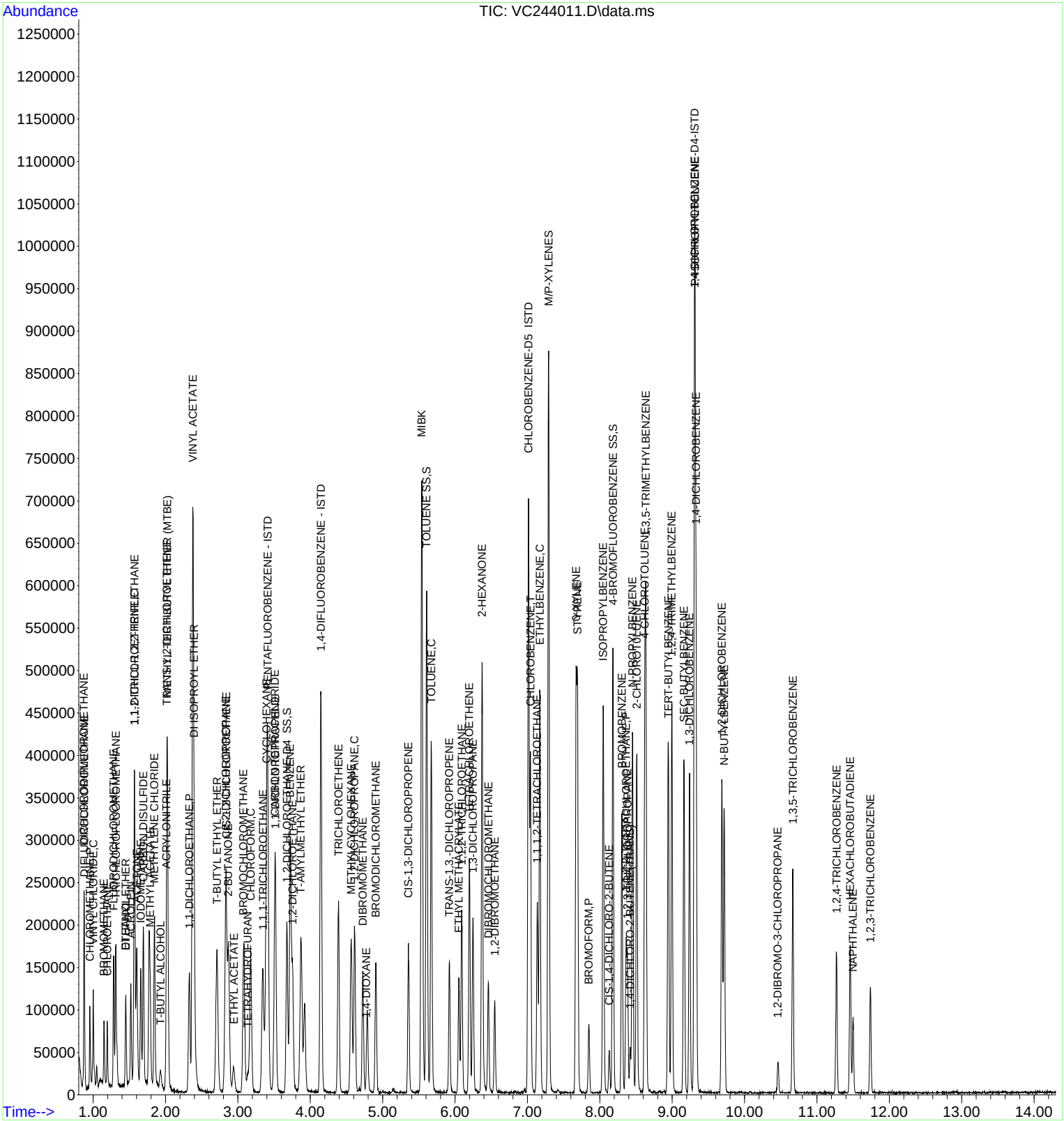
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	4.725	93	40424	10.65	UG/L		98
56) 1,4-DIOXANE	4.772	88	4230m	121.93	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	80976	10.28	UG/L		100
59) MIBK	5.539	43	429228	94.45	UG/L		99
60) CIS-1,3-DICHLOROPROPENE	5.355	75	74752m	11.40	UG/L		
61) TOLUENE	5.673	91	235310	10.73	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	64180	13.93	UG/L	#	76
63) ETHYL METHACRYLATE	6.052	69	50277	8.77	UG/L	#	95
64) 1,1,2-TRICHLOROETHANE	6.091	97	50814	10.48	UG/L		99
65) 2-HEXANONE	6.373	43	278153	91.79	UG/L		99
66) TETRACHLOROETHENE	6.197	166	67780	10.46	UG/L		99
67) 1,3-DICHLOROPROPANE	6.247	76	88183	10.47	UG/L		100
68) DIBROMOCHLOROMETHANE	6.462	129	53208	12.26	UG/L		98
69) 1,2-DIBROMOETHANE	6.549	107	54093	11.03	UG/L		100
72) CHLOROBENZENE	7.042	112	155621	10.54	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	45557	12.82	UG/L		99
74) ETHYLBENZENE	7.170	91	272309	10.90	UG/L		99
75) M/P-XYLENES	7.293	91	430981	22.09	UG/L		99
76) 0-XYLENE	7.672	91	223115	10.94	UG/L		98
77) STYRENE	7.692	104	166108	11.04	UG/L		99
78) BROMOFORM	7.845	173	30022	9.46	UG/L		96
79) ISOPROPYLBENZENE	8.046	105	251218	12.37	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	9173	8.69	UG/L	#	73
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	62689	10.77	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.417	53	9097	8.82	UG/L	#	81
83) BROMOBENZENE	8.305	77	106320	10.36	UG/L		99
84) 1,2,3-TRICHLOROPROPANE	8.383	75	49075	10.09	UG/L		99
85) N-PROPYLBENZENE	8.450	91	278608	10.76	UG/L		99
86) 2-CHLOROT0LUENE	8.512	91	188219	10.68	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	204821	10.71	UG/L		98
88) 4-CHLOROTOLUENE	8.620	91	214497	10.94	UG/L		98
90) TERT-BUTYLBENZENE	8.950	119	165365	10.56	UG/L		97
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	212401	10.79	UG/L		99
92) SEC-BUTYLBENZENE	9.164	105	230431	11.14	UG/L		99
93) 1,3-DICHLOROBENZENE	9.237	146	127097	10.92	UG/L		99
94) P-ISOPROPYLTOLUENE	9.318	119	192531	11.52	UG/L		100
95) 1,4-DICHLOROBENZENE	9.329	146	128557	10.51	UG/L		98
96) N-BUTYLBENZENE	9.719	91	156087	9.62	UG/L		100
97) 1,2-DICHLOROBENZENE	9.686	146	122279	10.88	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	7236	10.42	UG/L		93
99) 1,3,5-TRICHLOROBENZENE	10.667	180	66422	8.66	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.272	180	42556	9.13	UG/L		97
101) HEXACHLOROBUTADIENE	11.459	225	32240	9.86	UG/L		98
102) NAPHTHALENE	11.498	128	52568	11.03	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.738	180	33459	10.01	UG/L		93

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244011.D
Acq On : 1 Sep 2011 11:47 am
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 01 15:36:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration



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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036500-BSD1	File ID:	VC244012.D
Sampled:		Prepared:	08/31/11 09:48	Analyzed:	09/01/11 12:18
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	122	0.54	50	
107-13-1	Acrylonitrile	9.11	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	9.98	0.11	0.50	
71-43-2	Benzene	10.4	0.050	1.0	
108-86-1	Bromobenzene	10.2	0.10	1.0	
74-97-5	Bromochloromethane	10.2	0.10	1.0	
75-27-4	Bromodichloromethane	10.2	0.080	0.50	
75-25-2	Bromoform	9.39	0.25	1.0	
74-83-9	Bromomethane	6.57	0.38	2.0	
78-93-3	2-Butanone (MEK)	103	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	119	3.5	20	V-16
104-51-8	n-Butylbenzene	9.25	0.050	1.0	
135-98-8	sec-Butylbenzene	10.5	0.050	1.0	
98-06-6	tert-Butylbenzene	10.2	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	8.54	0.070	0.50	
75-15-0	Carbon Disulfide	12.1	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.40	0.090	5.0	
108-90-7	Chlorobenzene	10.3	0.050	1.0	
124-48-1	Chlorodibromomethane	12.3	0.12	0.50	
75-00-3	Chloroethane	9.45	0.33	2.0	
67-66-3	Chloroform	10.5	0.040	2.0	
74-87-3	Chloromethane	8.42	0.13	2.0	
95-49-8	2-Chlorotoluene	10.3	0.050	1.0	
106-43-4	4-Chlorotoluene	10.5	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.2	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.6	0.14	0.50	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036500-BSD1	File ID:	VC244012.D
Sampled:		Prepared:	08/31/11 09:48	Analyzed:	09/01/11 12:18
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.6	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.1	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.2	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.77	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.57	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.29	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.5	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.4	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.0	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.2	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.0	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.3	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.5	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.4	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.5	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	14.2	0.12	0.50	L-02
60-29-7	Diethyl Ether	10.2	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.23	0.030	0.50	
123-91-1	1,4-Dioxane	103	3.5	50	V-16
100-41-4	Ethylbenzene	10.6	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.22	0.26	0.50	
591-78-6	2-Hexanone (MBK)	94.6	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.0	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.8	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.1	0.050	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11H1080
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036500-BSD1	File ID:	VC244012.D
Sampled:		Prepared:	08/31/11 09:48	Analyzed:	09/01/11 12:18
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036500	Sequence:	S001018	Calibration:	1100028
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.1	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	94.1	0.22	10	
91-20-3	Naphthalene	11.0	0.21	5.0	
103-65-1	n-Propylbenzene	10.6	0.040	1.0	
100-42-5	Styrene	10.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	12.4	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.1	0.18	0.50	
127-18-4	Tetrachloroethylene	10.4	0.14	1.0	
109-99-9	Tetrahydrofuran	9.04	1.0	10	
108-88-3	Toluene	10.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.60	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.89	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.24	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.4	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.3	0.080	1.0	
79-01-6	Trichloroethylene	10.8	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.16	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.35	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.75	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.1	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.4	0.060	1.0	
75-01-4	Vinyl Chloride	7.29	0.16	2.0	
108383/106423	m+p Xylene	21.4	0.070	2.0	
95-47-6	o-Xylene	10.5	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244012.D
Acq On : 1 Sep 2011 12:18 pm
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 01 15:38:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	250645	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	338813	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	184744	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	171747	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	138961	24.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%				
49) TOLUENE SS	5.609	98	330216	24.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	137427	25.22	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.88%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	62435	7.29	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.879	51	69567	7.83	UG/L		100
5) CHLOROMETHANE	0.955	50	50462	8.42	UG/L		100
6) VINYL CHLORIDE	1.002	62	47915	7.29	UG/L		98
7) BROMOMETHANE	1.150	94	27725	6.57	UG/L		99
8) CHLOROETHANE	1.194	64	29731	9.45	UG/L		96
9) FLUORODICHLOROMETHANE	1.284	67	80336	7.65	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.311	101	81680	9.16	UG/L		99
11) ETHANOL	1.451	45	27284	1117.62	UG/L	#	53
12) DI ETHYL ETHER	1.451	59	35858	10.21	UG/L		99
13) ACROLEIN	1.523	56	58322	138.84	UG/L		100
14) ACETONE	1.601	43	170910	121.71	UG/L		99
15) 1,1-DICHLOROETHENE	1.571	61	84687	10.17	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	45383	9.75	UG/L		98
17) IODOMETHANE	1.657	142	95062	12.16	UG/L	#	100
20) METHYL ACETATE	1.788	43	92023	10.61	UG/L		98
21) T-BUTYL ALCOHOL	1.933	59	25276	118.86	UG/L	#	81
22) ACRYLONITRILE	2.011	53	16509	9.11	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	72973	10.06	UG/L		99
24) CARBON DISULFIDE	1.694	76	167672	12.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	167463	10.13	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	90292	11.22	UG/L		98
27) 1,1-DICHLOROETHANE	2.327	63	105926	10.46	UG/L		99
28) VINYL ACETATE	2.377	43	629934	64.67	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	167253	9.23	UG/L		100
31) 2-BUTANONE	2.868	43	215797	102.59	UG/L		99
32) T-BUTYL ETHYL ETHER	2.709	59	144557	8.54	UG/L		100
33) CIS-1,2-DICHLOROETHENE	2.837	61	96291	10.04	UG/L		98
34) 2,2-DICHLOROPROPANE	2.837	77	54074	10.47	UG/L	#	80
35) ETHYL ACETATE	2.943	43	26439	4.99	UG/L	#	93
38) BROMOCHLOROMETHANE	3.079	49	49467	10.18	UG/L		99
39) TETRAHYDROFURAN	3.135	42	12259	9.04	UG/L		97
40) CHLOROFORM	3.177	83	124893	10.46	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.347	97	95430	10.36	UG/L		99
42) CYCLOHEXANE	3.389	56	80316	9.62	UG/L		97
43) CARBON TETRACHLORIDE	3.512	117	57637	9.40	UG/L		96
44) 1,1-DICHLOROPROPENE	3.514	75	89715	10.44	UG/L		100
45) BENZENE	3.724	78	220137	10.36	UG/L		99
47) T-AMYLMETHYL ETHER	3.874	73	137770	9.98	UG/L	#	94
50) 1,2-DICHLOROETHANE	3.757	62	107217	10.44	UG/L		100
51) TRICHLOROETHENE	4.387	95	67427	10.77	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	68829	9.30	UG/L		99
53) 1,2-DICHLOROPROPANE	4.613	63	53147	10.05	UG/L	#	97

Data Path : X:\1\DATA\090111\
Data File : VC244012.D
Acq On : 1 Sep 2011 12:18 pm
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 01 15:38:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration

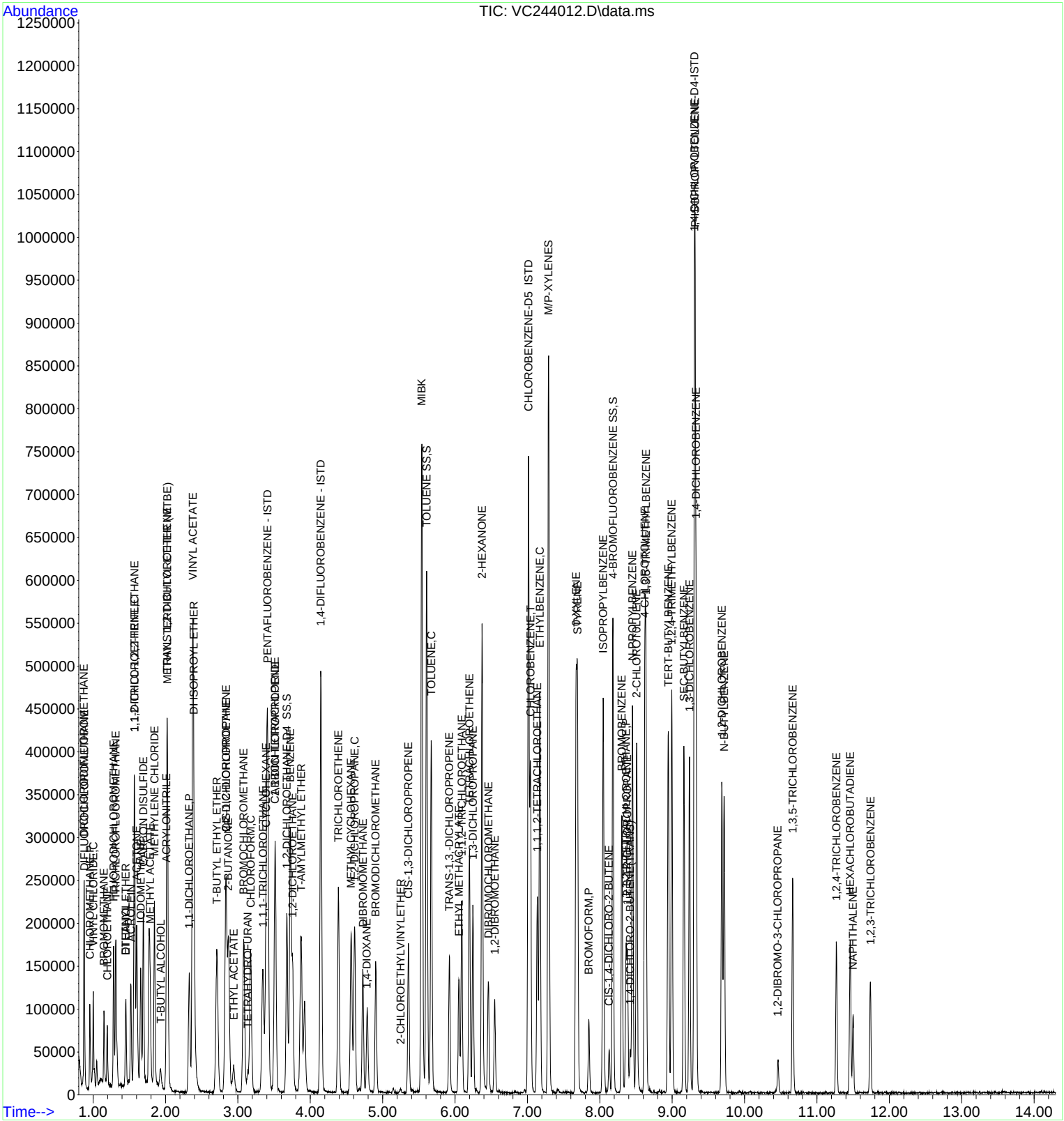
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	4.728	93	41347	10.64	UG/L		95
56) 1,4-DIOXANE	4.778	88	3670m	103.29	UG/L		
57) BROMODICHLOROMETHANE	4.903	83	82416	10.22	UG/L		100
58) 2-CHLOROETHYLVINYLETHER	5.249	63	814	0.31	UG/L	#	57
59) MIBK	5.539	43	437871	94.08	UG/L		99
60) CIS-1,3-DICHLOROPROPENE	5.355	75	76943	11.46	UG/L		100
61) TOLUENE	5.670	91	233931	10.42	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	67038	14.20	UG/L		97
63) ETHYL METHACRYLATE	6.055	69	51544	8.78	UG/L		98
64) 1,1,2-TRICHLOROETHANE	6.091	97	51334	10.34	UG/L		99
65) 2-HEXANONE	6.373	43	293573	94.59	UG/L		99
66) TETRACHLOROETHENE	6.200	166	68963	10.40	UG/L		99
67) 1,3-DICHLOROPROPANE	6.247	76	89119	10.33	UG/L		100
68) DIBROMOCHLOROMETHANE	6.462	129	54757	12.32	UG/L		99
69) 1,2-DIBROMOETHANE	6.549	107	53213	10.60	UG/L		96
72) CHLOROBENZENE	7.042	112	158851	10.31	UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	45833	12.35	UG/L		99
74) ETHYLBENZENE	7.170	91	275467	10.56	UG/L		100
75) M/P-XYLENES	7.290	91	435143	21.38	UG/L		99
76) 0-XYLENE	7.672	91	223870	10.52	UG/L		99
77) STYRENE	7.692	104	162252	10.33	UG/L		97
78) BROMOFORM	7.848	173	30972	9.39	UG/L	#	95
79) ISOPROPYLBENZENE	8.046	105	254333	12.00	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	9531	8.67	UG/L	#	75
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	61185	10.07	UG/L		100
82) 1,4-DICHLORO-2-BUTENE(...	8.417	53	8971	8.57	UG/L		89
83) BROMOBENZENE	8.303	77	108975	10.18	UG/L		97
84) 1,2,3-TRICHLOROPROPANE	8.381	75	47432	9.35	UG/L		100
85) N-PROPYLBENZENE	8.450	91	286536	10.60	UG/L		98
86) 2-CHLOROT0LUENE	8.509	91	189148	10.29	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	208473	10.45	UG/L		98
88) 4-CHLOROTOLUENE	8.620	91	214543	10.48	UG/L		100
90) TERT-BUTYLBENZENE	8.947	119	168707	10.17	UG/L		99
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	210350	10.08	UG/L		99
92) SEC-BUTYLBENZENE	9.161	105	230201	10.50	UG/L		99
93) 1,3-DICHLOROBENZENE	9.240	146	126352	10.25	UG/L		99
94) P-ISOPROPYLTOLUENE	9.318	119	191734	10.83	UG/L		100
95) 1,4-DICHLOROBENZENE	9.329	146	126592	9.77	UG/L		98
96) N-BUTYLBENZENE	9.716	91	159143	9.25	UG/L		97
97) 1,2-DICHLOROBENZENE	9.686	146	120417	10.11	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	7341	10.15	UG/L		95
99) 1,3,5-TRICHLOROBENZENE	10.665	180	66763	8.24	UG/L		98
100) 1,2,4-TRICHLOROBENZENE	11.270	180	43261	8.89	UG/L		98
101) HEXACHLOROBUTADIENE	11.459	225	31903	9.22	UG/L		99
102) NAPHTHALENE	11.498	128	54701	10.96	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	32655	9.60	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\090111\
Data File : VC244012.D
Acq On : 1 Sep 2011 12:18 pm
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 01 15:38:32 2011
Quant Method : C:\MSDCHEM\1\METHODS\C0831W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Aug 31 12:51:35 2011
Response via : Initial Calibration



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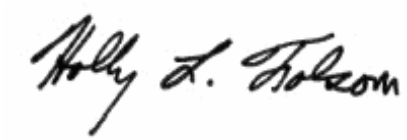
September 6, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.02
Laboratory Work Order Number: 11H1080

Enclosed are results of analyses for samples received by the laboratory on August 26, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

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

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 9/6/2011

PURCHASE ORDER NUMBER: 002699.ID25.02

PROJECT NUMBER: 002699.ID25.02

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11H1080

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

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
PW 16-125	11H1080-01	Ground Water		SW-846 8260C	
PW 16-150	11H1080-02	Ground Water		SW-846 8260C	
TB-08222011	11H1080-03	Drinking Water		SW-846 8260C	
PW 16-175	11H1080-04	Ground Water		SW-846 8260C	
PW 16-200	11H1080-05	Ground Water		SW-846 8260C	
PW 14-25	11H1080-06	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW 14-50	11H1080-07	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW 14-75	11H1080-08	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW 14-100	11H1080-09	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW 14-125	11H1080-10	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW 14-150	11H1080-11	Ground Water		SW-846 6010C	
				SW-846 8260C	

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

CASE NARRATIVE SUMMARY

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

For method 6010 Total analysis, samples were prepared at a dilution due to reactive sample matrix.

SW-846 8260C

Qualifications:

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

Analyte & Samples(s) Qualified:

trans-1,3-Dichloropropene

B036500-BS1, B036500-BSD1

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

Analyte & Samples(s) Qualified:

11H1080-01[PW 16-125], 11H1080-02[PW 16-150], 11H1080-04[PW 16-175], 11H1080-05[PW 16-200], 11H1080-06[PW 14-25], 11H1080-07[PW 14-50], 11H1080-08[PW 14-75], 11H1080-09[PW 14-100], 11H1080-10[PW 14-125], 11H1080-11[PW 14-150]

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

Analyte & Samples(s) Qualified:

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

11H1080-01[PW 16-125], 11H1080-02[PW 16-150], 11H1080-03[TB-08222011], 11H1080-04[PW 16-175], 11H1080-05[PW 16-200], 11H1080-06[PW 14-25], 11H1080-07[PW 14-50], 11H1080-08[PW 14-75], 11H1080-09[PW 14-100], 11H1080-10[PW 14-125], 11H1080-11[PW 14-150], B036500-BLK1, B036500-BS1, B036500-BSD1

Sample poured into a new vial due to an excessive amount of sediment present.

Analyte & Samples(s) Qualified:

11H1080-01[PW 16-125], 11H1080-02[PW 16-150], 11H1080-04[PW 16-175], 11H1080-05[PW 16-200], 11H1080-09[PW 14-100], 11H1080-10[PW 14-125], 11H1080-11[PW 14-150]

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

Michael A. Erickson
Laboratory Director

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 16-125 | Sampled: 8/22/2011 18:05

Sample ID: 11H1080-01

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 17:51	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,2-Dichlorobenzene	9.7	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,4-Dichlorobenzene	1.6	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 16-125 | Sampled: 8/22/2011 18:05

Sample ID: 11H1080-01

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Methyl tert-Butyl Ether (MTBE)	1.8	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:51	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		9/1/11 17:51
Toluene-d8	99.0	70-130		9/1/11 17:51
4-Bromofluorobenzene	100	70-130		9/1/11 17:51

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 16-150 | Sampled: 8/23/2011 10:40

Sample ID: 11H1080-02

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 18:21	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 16-150 | Sampled: 8/23/2011 10:40

Sample ID: 11H1080-02

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:21	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		9/1/11 18:21
Toluene-d8	101	70-130		9/1/11 18:21
4-Bromofluorobenzene	101	70-130		9/1/11 18:21

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: TB-08222011 | Sampled: 8/22/2011 18:00

Sample ID: 11H1080-03

Sample Matrix: Drinking Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 17:21	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: TB-08222011 | Sampled: 8/22/2011 18:00

Sample ID: 11H1080-03

Sample Matrix: Drinking Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 17:21	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		9/1/11 17:21
Toluene-d8	98.6	70-130		9/1/11 17:21
4-Bromofluorobenzene	98.5	70-130		9/1/11 17:21

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 16-175 | Sampled: 8/23/2011 15:05

Sample ID: 11H1080-04

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 18:52	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 16-175 | Sampled: 8/23/2011 15:05

Sample ID: 11H1080-04

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 18:52	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		9/1/11 18:52
Toluene-d8	99.4	70-130		9/1/11 18:52
4-Bromofluorobenzene	101	70-130		9/1/11 18:52

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 16-200 | Sampled: 8/23/2011 17:30

Sample ID: 11H1080-05

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 19:22	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 16-200 | Sampled: 8/23/2011 17:30

Sample ID: 11H1080-05

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:22	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		9/1/11 19:22
Toluene-d8	98.4	70-130		9/1/11 19:22
4-Bromofluorobenzene	99.0	70-130		9/1/11 19:22

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-25 | Sampled: 8/24/2011 12:20

Sample ID: 11H1080-06

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 19:53	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-25 | Sampled: 8/24/2011 12:20

Sample ID: 11H1080-06

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 19:53	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.9	70-130		9/1/11 19:53
Toluene-d8	102	70-130		9/1/11 19:53
4-Bromofluorobenzene	98.8	70-130		9/1/11 19:53

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-25 | Sampled: 8/24/2011 12:20

Sample ID: 11H1080-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.0041	0.0040	mg/L	1		SW-846 6010C	8/30/11	8/30/11 20:29	OP
Chromium	1.1	0.010	mg/L	1		SW-846 6010C	8/30/11	8/30/11 20:29	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-25 | Sampled: 8/24/2011 12:20

Sample ID: 11H1080-06

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/29/11	8/30/11 12:34	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/29/11	8/30/11 12:34	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-50 | Sampled: 8/24/2011 12:50

Sample ID: 11H1080-07

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 20:23	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-50 | Sampled: 8/24/2011 12:50

Sample ID: 11H1080-07

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:23	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		9/1/11 20:23
Toluene-d8	100	70-130		9/1/11 20:23
4-Bromofluorobenzene	97.2	70-130		9/1/11 20:23

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-50 | Sampled: 8/24/2011 12:50

Sample ID: 11H1080-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/30/11	8/30/11 20:33	OP
Chromium	0.48	0.010	mg/L	1		SW-846 6010C	8/30/11	8/30/11 20:33	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-50 | Sampled: 8/24/2011 12:50

Sample ID: 11H1080-07

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/29/11	8/30/11 12:59	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/29/11	8/30/11 12:59	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-75 | Sampled: 8/24/2011 13:50

Sample ID: 11H1080-08

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 20:54	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-75 | Sampled: 8/24/2011 13:50

Sample ID: 11H1080-08

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Tetrachloroethylene	1.8	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 20:54	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		9/1/11 20:54
Toluene-d8	101	70-130		9/1/11 20:54
4-Bromofluorobenzene	98.4	70-130		9/1/11 20:54

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-75 | Sampled: 8/24/2011 13:50

Sample ID: 11H1080-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.0047	0.0040	mg/L	1		SW-846 6010C	8/30/11	8/30/11 20:39	OP
Chromium	2.0	0.010	mg/L	1		SW-846 6010C	8/30/11	8/30/11 20:39	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-75 | Sampled: 8/24/2011 13:50

Sample ID: 11H1080-08

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/29/11	8/30/11 13:03	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/29/11	8/30/11 13:03	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-100 | Sampled: 8/24/2011 16:00

Sample ID: 11H1080-09

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 21:24	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,2-Dichlorobenzene	9.4	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,4-Dichlorobenzene	1.4	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-100 | Sampled: 8/24/2011 16:00

Sample ID: 11H1080-09

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Tetrachloroethylene	7.7	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Trichloroethylene	1.2	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:24	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	99.5	70-130		9/1/11 21:24
Toluene-d8	100	70-130		9/1/11 21:24
4-Bromofluorobenzene	99.5	70-130		9/1/11 21:24

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-100 | Sampled: 8/24/2011 16:00

Sample ID: 11H1080-09

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.020	0.0080	mg/L	1		SW-846 6010C	8/30/11	8/31/11 18:59	OP
Chromium	2.4	0.020	mg/L	1		SW-846 6010C	8/30/11	8/31/11 18:59	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-100 | Sampled: 8/24/2011 16:00

Sample ID: 11H1080-09

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/29/11	8/30/11 13:07	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/29/11	8/30/11 13:07	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-125 | Sampled: 8/24/2011 17:50

Sample ID: 11H1080-10

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 21:54	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,2-Dichlorobenzene	1.2	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-125 | Sampled: 8/24/2011 17:50

Sample ID: 11H1080-10

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Tetrachloroethylene	3.2	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 21:54	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		9/1/11 21:54
Toluene-d8	99.8	70-130		9/1/11 21:54
4-Bromofluorobenzene	99.5	70-130		9/1/11 21:54

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-125 | Sampled: 8/24/2011 17:50

Sample ID: 11H1080-10

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.011	0.0080	mg/L	1		SW-846 6010C	8/30/11	8/31/11 19:03	OP
Chromium	5.0	0.020	mg/L	1		SW-846 6010C	8/30/11	8/31/11 19:03	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-125 | Sampled: 8/24/2011 17:50

Sample ID: 11H1080-10

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/29/11	8/30/11 13:12	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/29/11	8/30/11 13:12	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-150 | Sampled: 8/25/2011 09:55

Sample ID: 11H1080-11

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 22:24	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-150 | Sampled: 8/25/2011 09:55

Sample ID: 11H1080-11

Sample Matrix: Ground Water

Sample Flags: PR-10, Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Tetrachloroethylene	1.2	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	8/31/11	9/1/11 22:24	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		9/1/11 22:24
Toluene-d8	101	70-130		9/1/11 22:24
4-Bromofluorobenzene	98.8	70-130		9/1/11 22:24

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-150 | Sampled: 8/25/2011 09:55

Sample ID: 11H1080-11

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0080	mg/L	1		SW-846 6010C	8/30/11	8/31/11 19:08	OP
Chromium	5.7	0.020	mg/L	1		SW-846 6010C	8/30/11	8/31/11 19:08	OP

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11H1080

Date Received: 8/26/2011

Field Sample #: PW 14-150 | Sampled: 8/25/2011 09:55

Sample ID: 11H1080-11

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	8/29/11	8/30/11 13:16	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	8/29/11	8/30/11 13:16	OP

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

Sample Extraction Data

Prep Method: SW-846 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H1080-06 [PW 14-25]	B036400	50.0	50.0	08/29/11
11H1080-07 [PW 14-50]	B036400	50.0	50.0	08/29/11
11H1080-08 [PW 14-75]	B036400	50.0	50.0	08/29/11
11H1080-09 [PW 14-100]	B036400	50.0	50.0	08/29/11
11H1080-10 [PW 14-125]	B036400	50.0	50.0	08/29/11
11H1080-11 [PW 14-150]	B036400	50.0	50.0	08/29/11

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H1080-06 [PW 14-25]	B036430	50.0	50.0	08/30/11
11H1080-07 [PW 14-50]	B036430	50.0	50.0	08/30/11
11H1080-08 [PW 14-75]	B036430	50.0	50.0	08/30/11
11H1080-09 [PW 14-100]	B036430	25.0	50.0	08/30/11
11H1080-10 [PW 14-125]	B036430	25.0	50.0	08/30/11
11H1080-11 [PW 14-150]	B036430	25.0	50.0	08/30/11

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11H1080-01 [PW 16-125]	B036500	5	5.00	08/31/11
11H1080-02 [PW 16-150]	B036500	5	5.00	08/31/11
11H1080-03 [TB-08222011]	B036500	5	5.00	08/31/11
11H1080-04 [PW 16-175]	B036500	5	5.00	08/31/11
11H1080-05 [PW 16-200]	B036500	5	5.00	08/31/11
11H1080-06 [PW 14-25]	B036500	5	5.00	08/31/11
11H1080-07 [PW 14-50]	B036500	5	5.00	08/31/11
11H1080-08 [PW 14-75]	B036500	5	5.00	08/31/11
11H1080-09 [PW 14-100]	B036500	5	5.00	08/31/11
11H1080-10 [PW 14-125]	B036500	5	5.00	08/31/11
11H1080-11 [PW 14-150]	B036500	5	5.00	08/31/11

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036500 - SW-846 5030B										
Blank (B036500-BLK1)				Prepared: 08/31/11 Analyzed: 09/01/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B036500 - SW-846 5030B											
Blank (B036500-BLK1)				Prepared: 08/31/11 Analyzed: 09/01/11							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	5.0	µg/L								
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.3	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.6	70-130				
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.6	70-130				
LCS (B036500-BS1)				Prepared: 08/31/11 Analyzed: 09/01/11							
Acetone	111	50	µg/L	100		111	70-160				†
Acrylonitrile	9.56	5.0	µg/L	10.0		95.6	70-130				
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103	70-130				
Benzene	10.6	1.0	µg/L	10.0		106	70-130				
Bromobenzene	10.4	1.0	µg/L	10.0		104	70-130				
Bromochloromethane	10.4	1.0	µg/L	10.0		104	70-130				
Bromodichloromethane	10.3	0.50	µg/L	10.0		103	70-130				
Bromoform	9.46	1.0	µg/L	10.0		94.6	70-130				
Bromomethane	6.29	2.0	µg/L	10.0		62.9	40-160				†
2-Butanone (MEK)	99.6	20	µg/L	100		99.6	40-160				†
tert-Butyl Alcohol (TBA)	119	20	µg/L	100		119	40-160			V-16	†
n-Butylbenzene	9.62	1.0	µg/L	10.0		96.2	70-130				
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130				
tert-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
tert-Butyl Ethyl Ether (TBEE)	9.13	0.50	µg/L	10.0		91.3	70-130				
Carbon Disulfide	11.4	2.0	µg/L	10.0		114	70-130				
Carbon Tetrachloride	9.39	5.0	µg/L	10.0		93.9	70-130				
Chlorobenzene	10.5	1.0	µg/L	10.0		105	70-130				
Chlorodibromomethane	12.3	0.50	µg/L	10.0		123	70-130				
Chloroethane	9.28	2.0	µg/L	10.0		92.8	70-130				
Chloroform	10.6	2.0	µg/L	10.0		106	70-130				
Chloromethane	8.10	2.0	µg/L	10.0		81.0	40-160				†
2-Chlorotoluene	10.7	1.0	µg/L	10.0		107	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036500 - SW-846 5030B												
LCS (B036500-BS1)				Prepared: 08/31/11 Analyzed: 09/01/11								
4-Chlorotoluene	10.9	1.0	µg/L	10.0		109		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.4	5.0	µg/L	10.0		104		70-130				
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110		70-130				
Dibromomethane	10.6	1.0	µg/L	10.0		106		70-130				
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.0		109		70-130				
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.0		109		70-130				
1,4-Dichlorobenzene	10.5	1.0	µg/L	10.0		105		70-130				
trans-1,4-Dichloro-2-butene	8.82	2.0	µg/L	10.0		88.2		70-130				
Dichlorodifluoromethane (Freon 12)	7.43	2.0	µg/L	10.0		74.3		40-160				†
1,1-Dichloroethane	10.9	1.0	µg/L	10.0		109		70-130				
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107		70-130				
1,1-Dichloroethylene	10.6	1.0	µg/L	10.0		106		70-130				
cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105		70-130				
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0		111		70-130				
1,2-Dichloropropane	10.1	1.0	µg/L	10.0		101		70-130				
1,3-Dichloropropane	10.5	0.50	µg/L	10.0		105		70-130				
2,2-Dichloropropane	10.5	1.0	µg/L	10.0		105		40-130				†
1,1-Dichloropropene	10.5	2.0	µg/L	10.0		105		70-130				
cis-1,3-Dichloropropene	11.4	0.50	µg/L	10.0		114		70-130				
trans-1,3-Dichloropropene	13.9	0.50	µg/L	10.0		**139**	*	70-130			L-02	
Diethyl Ether	10.8	2.0	µg/L	10.0		108		70-130				
Diisopropyl Ether (DIPE)	9.44	0.50	µg/L	10.0		94.4		70-130				
1,4-Dioxane	122	50	µg/L	100		122		40-130			V-16	†
Ethylbenzene	10.9	1.0	µg/L	10.0		109		70-130				
Hexachlorobutadiene	9.86	0.50	µg/L	10.0		98.6		70-130				
2-Hexanone (MBK)	91.8	10	µg/L	100		91.8		70-160				†
Isopropylbenzene (Cumene)	12.4	1.0	µg/L	10.0		124		70-130				
p-Isopropyltoluene (p-Cymene)	11.5	1.0	µg/L	10.0		115		70-130				
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.0		103		70-130				
Methylene Chloride	10.4	5.0	µg/L	10.0		104		70-130				
4-Methyl-2-pentanone (MIBK)	94.4	10	µg/L	100		94.4		70-160				†
Naphthalene	11.0	5.0	µg/L	10.0		110		40-130				†
n-Propylbenzene	10.8	1.0	µg/L	10.0		108		70-130				
Styrene	11.0	1.0	µg/L	10.0		110		70-130				
1,1,1,2-Tetrachloroethane	12.8	1.0	µg/L	10.0		128		70-130				
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108		70-130				
Tetrachloroethylene	10.5	1.0	µg/L	10.0		105		70-130				
Tetrahydrofuran	8.73	10	µg/L	10.0		87.3		70-130				
Toluene	10.7	1.0	µg/L	10.0		107		70-130				
1,2,3-Trichlorobenzene	10.0	5.0	µg/L	10.0		100		70-130				
1,2,4-Trichlorobenzene	9.13	1.0	µg/L	10.0		91.3		70-130				
1,3,5-Trichlorobenzene	8.66	1.0	µg/L	10.0		86.6		70-130				
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
Trichloroethylene	10.4	1.0	µg/L	10.0		104		70-130				
Trichlorofluoromethane (Freon 11)	9.50	2.0	µg/L	10.0		95.0		70-130				
1,2,3-Trichloropropane	10.1	2.0	µg/L	10.0		101		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.0		101		70-130				
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0		108		70-130				
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.0		107		70-130				
Vinyl Chloride	7.33	2.0	µg/L	10.0		73.3		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036500 - SW-846 5030B												
LCS (B036500-BS1)				Prepared: 08/31/11 Analyzed: 09/01/11								
m+p Xylene	22.1	2.0	µg/L	20.0		110		70-130				
o-Xylene	10.9	1.0	µg/L	10.0		109		70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.9*		µg/L	25.0		99.7		70-130				
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.2		70-130				
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100		70-130				
LCS Dup (B036500-BSD1)				Prepared: 08/31/11 Analyzed: 09/01/11								
Acetone	122	50	µg/L	100		122		70-160	9.44	25		†
Acrylonitrile	9.11	5.0	µg/L	10.0		91.1		70-130	4.82	25		
tert-Amyl Methyl Ether (TAME)	9.98	0.50	µg/L	10.0		99.8		70-130	3.35	25		
Benzene	10.4	1.0	µg/L	10.0		104		70-130	2.57	25		
Bromobenzene	10.2	1.0	µg/L	10.0		102		70-130	1.75	25		
Bromochloromethane	10.2	1.0	µg/L	10.0		102		70-130	2.14	25		
Bromodichloromethane	10.2	0.50	µg/L	10.0		102		70-130	0.585	25		
Bromoform	9.39	1.0	µg/L	10.0		93.9		70-130	0.743	25		
Bromomethane	6.57	2.0	µg/L	10.0		65.7		40-160	4.35	25		†
2-Butanone (MEK)	103	20	µg/L	100		103		40-160	2.98	25		†
tert-Butyl Alcohol (TBA)	119	20	µg/L	100		119		40-160	0.211	25	V-16	†
n-Butylbenzene	9.25	1.0	µg/L	10.0		92.5		70-130	3.92	25		
sec-Butylbenzene	10.5	1.0	µg/L	10.0		105		70-130	5.91	25		
tert-Butylbenzene	10.2	1.0	µg/L	10.0		102		70-130	3.76	25		
tert-Butyl Ethyl Ether (TBEE)	8.54	0.50	µg/L	10.0		85.4		70-130	6.68	25		
Carbon Disulfide	12.1	2.0	µg/L	10.0		121		70-130	5.95	25		
Carbon Tetrachloride	9.40	5.0	µg/L	10.0		94.0		70-130	0.106	25		
Chlorobenzene	10.3	1.0	µg/L	10.0		103		70-130	2.21	25		
Chlorodibromomethane	12.3	0.50	µg/L	10.0		123		70-130	0.488	25		
Chloroethane	9.45	2.0	µg/L	10.0		94.5		70-130	1.82	25		
Chloroform	10.5	2.0	µg/L	10.0		105		70-130	1.61	25		
Chloromethane	8.42	2.0	µg/L	10.0		84.2		40-160	3.87	25		†
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103		70-130	3.72	25		
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105		70-130	4.30	25		
1,2-Dibromo-3-chloropropane (DBCP)	10.2	5.0	µg/L	10.0		102		70-130	2.63	25		
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106		70-130	3.98	25		
Dibromomethane	10.6	1.0	µg/L	10.0		106		70-130	0.0939	25		
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	7.34	25		
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130	6.33	25		
1,4-Dichlorobenzene	9.77	1.0	µg/L	10.0		97.7		70-130	7.30	25		
trans-1,4-Dichloro-2-butene	8.57	2.0	µg/L	10.0		85.7		70-130	2.88	25		
Dichlorodifluoromethane (Freon 12)	7.29	2.0	µg/L	10.0		72.9		40-160	1.90	25		†
1,1-Dichloroethane	10.5	1.0	µg/L	10.0		105		70-130	4.12	25		
1,2-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130	2.83	25		
1,1-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130	4.05	25		
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100		70-130	4.29	25		
trans-1,2-Dichloroethylene	11.2	1.0	µg/L	10.0		112		70-130	0.895	25		
1,2-Dichloropropane	10.0	1.0	µg/L	10.0		100		70-130	0.199	25		
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103		70-130	1.35	25		
2,2-Dichloropropane	10.5	1.0	µg/L	10.0		105		40-130	0.666	25		†
1,1-Dichloropropene	10.4	2.0	µg/L	10.0		104		70-130	0.191	25		
cis-1,3-Dichloropropene	11.5	0.50	µg/L	10.0		115		70-130	0.525	25		
trans-1,3-Dichloropropene	14.2	0.50	µg/L	10.0		**142**	*	70-130	1.92	25	L-02	
Diethyl Ether	10.2	2.0	µg/L	10.0		102		70-130	5.80	25		
Diisopropyl Ether (DIPE)	9.23	0.50	µg/L	10.0		92.3		70-130	2.25	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B036500 - SW-846 5030B											
LCS Dup (B036500-BSD1)				Prepared: 08/31/11 Analyzed: 09/01/11							
1,4-Dioxane	103	50	µg/L	100		103	40-130	16.6	50	V-16	† ‡
Ethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	3.17	25		
Hexachlorobutadiene	9.22	0.50	µg/L	10.0		92.2	70-130	6.71	25		
2-Hexanone (MBK)	94.6	10	µg/L	100		94.6	70-160	3.00	25		†
Isopropylbenzene (Cumene)	12.0	1.0	µg/L	10.0		120	70-130	3.04	25		
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.0		108	70-130	6.17	25		
Methyl tert-Butyl Ether (MTBE)	10.1	1.0	µg/L	10.0		101	70-130	1.57	25		
Methylene Chloride	10.1	5.0	µg/L	10.0		101	70-130	3.32	25		
4-Methyl-2-pentanone (MIBK)	94.1	10	µg/L	100		94.1	70-160	0.393	25		†
Naphthalene	11.0	5.0	µg/L	10.0		110	40-130	0.637	25		†
n-Propylbenzene	10.6	1.0	µg/L	10.0		106	70-130	1.50	25		
Styrene	10.3	1.0	µg/L	10.0		103	70-130	6.64	25		
1,1,1,2-Tetrachloroethane	12.4	1.0	µg/L	10.0		124	70-130	3.73	25		
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101	70-130	6.72	25		
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104	70-130	0.575	25		
Tetrahydrofuran	9.04	10	µg/L	10.0		90.4	70-130	3.49	25		
Toluene	10.4	1.0	µg/L	10.0		104	70-130	2.93	25		
1,2,3-Trichlorobenzene	9.60	5.0	µg/L	10.0		96.0	70-130	4.18	25		
1,2,4-Trichlorobenzene	8.89	1.0	µg/L	10.0		88.9	70-130	2.66	25		
1,3,5-Trichlorobenzene	8.24	1.0	µg/L	10.0		82.4	70-130	4.97	25		
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130	4.62	25		
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130	1.34	25		
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	3.59	25		
Trichlorofluoromethane (Freon 11)	9.16	2.0	µg/L	10.0		91.6	70-130	3.64	25		
1,2,3-Trichloropropane	9.35	2.0	µg/L	10.0		93.5	70-130	7.61	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.75	1.0	µg/L	10.0		97.5	70-130	3.33	25		
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.0		101	70-130	6.80	25		
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	2.46	25		
Vinyl Chloride	7.29	2.0	µg/L	10.0		72.9	40-160	0.547	25		†
m+p Xylene	21.4	2.0	µg/L	20.0		107	70-130	3.27	25		
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130	3.91	25		
Surrogate: 1,2-Dichloroethane-d4	*24.9*		µg/L	25.0		99.7	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.9	70-130				
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101	70-130				

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036430 - SW-846 3005A										
Blank (B036430-BLK1)				Prepared & Analyzed: 08/30/11						
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
LCS (B036430-BS1)				Prepared & Analyzed: 08/30/11						
Cadmium	0.460	0.0040	mg/L	0.500		91.9	80-120			
Chromium	0.489	0.010	mg/L	0.500		97.7	80-120			
LCS Dup (B036430-BSD1)				Prepared & Analyzed: 08/30/11						
Cadmium	0.473	0.0040	mg/L	0.500		94.7	80-120	2.91	20	
Chromium	0.508	0.010	mg/L	0.500		102	80-120	3.92	20	

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036400 - SW-846 3005A Dissolved										
Blank (B036400-BLK1)				Prepared: 08/29/11 Analyzed: 08/30/11						
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
LCS (B036400-BS1)				Prepared: 08/29/11 Analyzed: 08/30/11						
Cadmium	0.487	0.0040	mg/L	0.500		97.4	80-120			
Chromium	0.507	0.010	mg/L	0.500		101	80-120			
LCS Dup (B036400-BSD1)				Prepared: 08/29/11 Analyzed: 08/30/11						
Cadmium	0.488	0.0040	mg/L	0.500		97.7	80-120	0.299	20	
Chromium	0.509	0.010	mg/L	0.500		102	80-120	0.427	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
PR-10	pH of sample (pH 7) is outside of method specified preservation criteria.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
Z-01	Sample poured into a new vial due to an excessive amount of sediment present.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Cadmium	CT,NH,NY,RI,ME,NC
Cadmium	CT,NH,NY,RI,ME,NC
Chromium	CT,NH,NY,RI,ME,NC
Chromium	CT,NH,NY,RI,ME,NC
SW-846 8260C in Water	
Acetone	CT,NH,NY,NC,ME
Acrylonitrile	CT,NY,NC,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,NC,ME
Benzene	CT,NH,NY,NC,ME,RI
Bromobenzene	NC
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME,RI
Bromoform	CT,NH,NY,NC,ME,RI
Bromomethane	CT,NH,NY,NC,ME,RI
2-Butanone (MEK)	CT,NH,NY,NC,ME
tert-Butyl Alcohol (TBA)	NH,NY,NC,ME
n-Butylbenzene	NY,NC,ME
sec-Butylbenzene	NY,NC,ME
tert-Butylbenzene	NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,NC,ME
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME,RI
Chlorobenzene	CT,NH,NY,NC,ME,RI
Chlorodibromomethane	CT,NH,NY,NC,ME,RI
Chloroethane	CT,NH,NY,NC,ME,RI
Chloroform	CT,NH,NY,NC,ME,RI
Chloromethane	CT,NH,NY,NC,ME,RI
2-Chlorotoluene	NY,NC,ME
4-Chlorotoluene	NY,NC,ME
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NY,NC,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,ME,RI
1,1-Dichloroethane	CT,NH,NY,NC,ME,RI
1,2-Dichloroethane	CT,NH,NY,NC,ME,RI
1,1-Dichloroethylene	CT,NH,NY,NC,ME,RI
cis-1,2-Dichloroethylene	NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME,RI
1,2-Dichloropropane	CT,NH,NY,NC,ME,RI
1,3-Dichloropropane	NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NH,NY,NC,ME
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME,RI
Hexachlorobutadiene	CT,NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	NY,NC,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC,ME
Methylene Chloride	CT,NH,NY,NC,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC,ME
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	CT,NH,NY,NC,ME
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME,RI
Tetrachloroethylene	CT,NH,NY,NC,ME,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME,RI
1,2,3-Trichlorobenzene	NH,NY,NC,ME
1,2,4-Trichlorobenzene	CT,NH,NY,NC,ME
1,3,5-Trichlorobenzene	NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,ME,RI
Trichloroethylene	CT,NH,NY,NC,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME,RI
1,2,3-Trichloropropane	NH,NY,NC,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,NC
1,2,4-Trimethylbenzene	NY,NC,ME
1,3,5-Trimethylbenzene	NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME,RI
m+p Xylene	CT,NH,NY,NC,ME,RI
o-Xylene	CT,NH,NY,NC,ME,RI

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

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

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11E1080

Company Name: Ecology & Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: B Kroon / R Watt
Project Location: Farmingdale, NY
Sampled By: [illegible], B. Chiasera, B. Cerri

Telephone: 716-684-8060
Project #: 002699.1D2502
Client PO#:

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #:
Email:
Format: per contract ○ PDF ○ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/~~Time~~	Collection ~~Ending~~ ~~Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers: 8260B VOCs	# of Containers: 8260B VOCs	ANALYSIS REQUESTED: 6010 Cd/Cr Total	ANALYSIS REQUESTED: 6010 Cd/Cr Soluble
								3	2	I	I
								I	H	N	N
								V	V	P	P
01	PW16-125	8/22/11	1805		X	GW	L	3			
02	PW16-150	8/23/11	1040		X	GW	L	3			
03	TB-08222011	8/22/11	1800		X	DW	C		2		
04	PW16-175	8/23/11	1505		X	GW	L	3			
05	PW16-200	8/23/11	1730		X	GW	L	3			
06	PW14-25	8/24/11	1220		X	GW	L	3		1	1
07	PW14-50	8/24/11	1250		X	GW	L	3		1	1
08	PW14-75	8/24/11	1350		X	GW	L	3		1	1
09	PW14-100	8/24/11	1600		X	GW	L	3		1	1
10	PW14-125	8/24/11	1750		X	GW	L	~~3~~ 2		1	1

Comments:

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

Relinquished by: (signature)	Date/Time:
[signature]	8/25/11 1500
Received by: (signature) Mussa Kopey 2cc	Date/Time: 8.26.11 9:57am
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
per contract
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

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NELAC & AIHA Certified
WBE/DBE Certified

Dissolved Metals
○ Field Filtered
○ Lab to Filter

*****Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

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

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

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED. **PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT**

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Company Name: Ecology & Environment
Address: 368 Pleasantview Dr.
Lancaster, NY 14086
Attention: Rick Watt
Project Location: Farmingdale, NY
Sampled By: B. Chiasera; B. Cerri

Telephone: 716-684-8060
Project # 0021699.ID25.02
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: per Contract
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers: 8260B VOCs	** Preservation: 8260B VOCs	***Container Code: 6010 Cd/Cr TOTAL	6010 Cd/Cr Soluble
								3	2	1	1
								I	H	N	N
								V	V	P	P
11	PW14-150	8/25/11	0955		X	GW	L	3		1	1

ANALYSIS REQUESTED

Dissolved Metals
☒ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

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

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

Comments:

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

Relinquished by: (signature)	Date/Time:
B. Chiasera	8/25/11 1500
Received by: (signature) 20C	Date/Time:
Melissa Kopp	8.26.11 957
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

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

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

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

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East Longmeadow, MA. 01028
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Sample Receipt Checklist

CLIENT NAME: Ecology + Env. RECEIVED BY: AP DATE: 8/26/11

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

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

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

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

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

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: log-in

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	12	Plastic Bag / Ziploc	
40 mL Vial - type listed below	31	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 2 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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

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

United States

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Tracking Number

Log-In for additional tracking details.

Tracking Detail

K0407412402

Updated: 08/2

Delivered

Delivered On:
Friday, 08/26/2011 at 9:57 A.M.

Left At:
Office

Signed By:
PIEKOWSKI

Proof of Delivery

Request Status Updates

Shippi

To:

Shipp

UPS

Additional Information

Type:

Package

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VOA

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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Instrument:	GCMSVOA1

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11I0023-09	106	101	105
B036681-BLK1	103	98.6	106
B036681-BS1	105	107	107
B036681-BSD1	102	105	104

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11I0023-01	105	97.5	101
11I0023-02	106	98.4	101
11I0023-03	106	98.4	99.9
11I0023-04	105	98.1	102
11I0023-05	106	100	100
11I0023-06	105	98.2	101
11I0023-07	104	98.4	100
11I0023-08	105	98.7	101
B036708-BLK1	105	96.4	100
B036708-BS1	104	99.7	101
B036708-BSD1	104	98.8	100

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B036681	Laboratory ID:	B036681-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Acetone	0.200	0.251	126	70 - 160
Acrylonitrile	0.0200	0.0176	87.9	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0196	98.2	70 - 130
Benzene	0.0200	0.0198	99.0	70 - 130
Bromobenzene	0.0200	0.0214	107	70 - 130
Bromochloromethane	0.0200	0.0209	105	70 - 130
Bromodichloromethane	0.0200	0.0208	104	70 - 130
Bromoform	0.0200	0.0184	91.9	70 - 130
Bromomethane	0.0200	0.0137	68.5	40 - 130
2-Butanone (MEK)	0.200	0.197	98.4	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.174	87.2	40 - 130
n-Butylbenzene	0.0200	0.0210	105	70 - 130
sec-Butylbenzene	0.0200	0.0251	126	70 - 130
tert-Butylbenzene	0.0200	0.0261	130	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0168	84.0	70 - 130
Carbon Disulfide	0.0200	0.0183	91.5	70 - 130
Carbon Tetrachloride	0.0200	0.0234	117	70 - 130
Chlorobenzene	0.0200	0.0218	109	70 - 130
Chlorodibromomethane	0.0200	0.0201	100	70 - 130
Chloroethane	0.0200	0.0209	104	70 - 130
Chloroform	0.0200	0.0212	106	70 - 130
Chloromethane	0.0200	0.0155	77.3	70 - 130
2-Chlorotoluene	0.0200	0.0227	113	70 - 130
4-Chlorotoluene	0.0200	0.0228	114	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0178	89.0	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0197	98.7	70 - 130
Dibromomethane	0.0200	0.0189	94.5	70 - 130
1,2-Dichlorobenzene	0.0200	0.0223	112	70 - 130
1,3-Dichlorobenzene	0.0200	0.0207	104	70 - 130
1,4-Dichlorobenzene	0.0200	0.0205	102	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0207	104	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B036681	Laboratory ID:	B036681-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	0.0200	0.0175	87.6		40 - 160
1,1-Dichloroethane	0.0200	0.0205	102		70 - 130
1,2-Dichloroethane	0.0200	0.0234	117		70 - 130
1,1-Dichloroethylene	0.0200	0.0211	106		70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0200	100		70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0223	111		70 - 130
1,2-Dichloropropane	0.0200	0.0204	102		70 - 130
1,3-Dichloropropane	0.0200	0.0219	110		70 - 130
2,2-Dichloropropane	0.0200	0.0224	112		70 - 130
1,1-Dichloropropene	0.0200	0.0220	110		70 - 130
cis-1,3-Dichloropropene	0.0200	0.0212	106		70 - 130
trans-1,3-Dichloropropene	0.0200	0.0239	120		70 - 130
Diethyl Ether	0.0200	0.0258	129		70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0179	89.5		70 - 130
1,4-Dioxane	0.200	0.165	82.4		40 - 160
Ethylbenzene	0.0200	0.0226	113		70 - 130
Hexachlorobutadiene	0.0200	0.0221	110		70 - 160
2-Hexanone (MBK)	0.200	0.184	92.0		70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0272	136	*	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0259	129		70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0213	106		70 - 130
Methylene Chloride	0.0200	0.0189	94.6		40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.176	87.8		70 - 160
Naphthalene	0.0200	0.0131	65.4		40 - 130
n-Propylbenzene	0.0200	0.0234	117		70 - 130
Styrene	0.0200	0.0229	114		70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0219	109		70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0190	94.8		70 - 130
Tetrachloroethylene	0.0200	0.0244	122		70 - 130
Tetrahydrofuran	0.0200	0.0213	106		70 - 130
Toluene	0.0200	0.0228	114		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B036681	Laboratory ID:	B036681-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	0.0200	0.0144	72.0	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0144	72.0	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0173	86.7	70 - 130
1,1,1-Trichloroethane	0.0200	0.0238	119	70 - 130
1,1,2-Trichloroethane	0.0200	0.0201	101	70 - 130
Trichloroethylene	0.0200	0.0229	115	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0202	101	70 - 130
1,2,3-Trichloropropane	0.0200	0.0169	84.5	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0212	106	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0237	118	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0241	120	70 - 130
Vinyl Chloride	0.0200	0.0145	72.7	40 - 130
m+p Xylene	0.0400	0.0444	111	70 - 130
o-Xylene	0.0200	0.0230	115	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	0.200	0.215	108	15.6	25	70 - 160
Acrylonitrile	0.0200	0.0170	84.8	3.59	25	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0201	100	2.22	25	70 - 130
Benzene	0.0200	0.0205	103	3.57	25	70 - 130
Bromobenzene	0.0200	0.0218	109	1.57	25	70 - 130
Bromochloromethane	0.0200	0.0204	102	2.62	25	70 - 130
Bromodichloromethane	0.0200	0.0200	100	3.92	25	70 - 130
Bromoform	0.0200	0.0186	93.2	1.40	25	70 - 130
Bromomethane	0.0200	0.0153	76.3	10.8	25	40 - 130
2-Butanone (MEK)	0.200	0.187	93.6	4.97	25	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.176	87.8	0.698	25	40 - 130
n-Butylbenzene	0.0200	0.0222	111	5.57	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B036681	Laboratory ID:	B036681-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	0.0200	0.0261	131	*	3.98	25	70 - 130
tert-Butylbenzene	0.0200	0.0276	138		5.74	25	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0165	82.6		1.68	25	70 - 130
Carbon Disulfide	0.0200	0.0181	90.6		0.988	25	70 - 130
Carbon Tetrachloride	0.0200	0.0240	120		2.78	25	70 - 130
Chlorobenzene	0.0200	0.0229	114		5.01	25	70 - 130
Chlorodibromomethane	0.0200	0.0195	97.6		2.83	25	70 - 130
Chloroethane	0.0200	0.0209	104		0.00	25	70 - 130
Chloroform	0.0200	0.0212	106		0.189	25	70 - 130
Chloromethane	0.0200	0.0156	78.2		1.16	25	70 - 130
2-Chlorotoluene	0.0200	0.0234	117		3.30	25	70 - 130
4-Chlorotoluene	0.0200	0.0242	121		5.86	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0188	94.0		5.46	25	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0193	96.5		2.25	25	70 - 130
Dibromomethane	0.0200	0.0193	96.6		2.20	25	70 - 130
1,2-Dichlorobenzene	0.0200	0.0231	116		3.61	25	70 - 130
1,3-Dichlorobenzene	0.0200	0.0223	111		7.17	25	70 - 130
1,4-Dichlorobenzene	0.0200	0.0214	107		4.20	25	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0189	94.4		9.29	25	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.0175	87.3		0.343	25	40 - 160
1,1-Dichloroethane	0.0200	0.0206	103		0.681	25	70 - 130
1,2-Dichloroethane	0.0200	0.0235	118		0.511	25	70 - 130
1,1-Dichloroethylene	0.0200	0.0223	112		5.43	25	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0201	101		0.498	25	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0235	117		5.33	25	70 - 130
1,2-Dichloropropane	0.0200	0.0206	103		0.878	25	70 - 130
1,3-Dichloropropane	0.0200	0.0218	109		0.366	25	70 - 130
2,2-Dichloropropane	0.0200	0.0226	113		0.976	25	70 - 130
1,1-Dichloropropene	0.0200	0.0221	111		0.453	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B036681	Laboratory ID:	B036681-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	0.0200	0.0213	106		0.471	25	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0238	119		0.503	25	70 - 130
Diethyl Ether	0.0200	0.0251	125		2.91	25	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0181	90.3		0.890	25	70 - 130
1,4-Dioxane	0.200	0.179	89.4		8.09	50	40 - 160
Ethylbenzene	0.0200	0.0235	117		3.56	25	70 - 130
Hexachlorobutadiene	0.0200	0.0231	116		4.60	25	70 - 160
2-Hexanone (MBK)	0.200	0.171	85.6		7.23	25	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0291	146	*	6.89	25	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0277	139	*	6.87	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0210	105		1.42	25	70 - 130
Methylene Chloride	0.0200	0.0187	93.6		1.06	25	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.170	85.1		3.07	25	70 - 160
Naphthalene	0.0200	0.0133	66.5		1.67	25	40 - 130
n-Propylbenzene	0.0200	0.0241	120		2.86	25	70 - 130
Styrene	0.0200	0.0240	120		4.69	25	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0228	114		3.94	25	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0182	91.2		3.87	25	70 - 130
Tetrachloroethylene	0.0200	0.0243	122		0.410	25	70 - 130
Tetrahydrofuran	0.0200	0.0179	89.3		17.5	25	70 - 130
Toluene	0.0200	0.0229	115		0.350	25	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.0147	73.7		2.33	25	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0148	74.0		2.74	25	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0181	90.5		4.29	25	70 - 130
1,1,1-Trichloroethane	0.0200	0.0237	118		0.589	25	70 - 130
1,1,2-Trichloroethane	0.0200	0.0204	102		1.48	25	70 - 130
Trichloroethylene	0.0200	0.0227	114		0.788	25	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0202	101		0.396	25	70 - 130
1,2,3-Trichloropropane	0.0200	0.0167	83.6		1.07	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B036681	Laboratory ID:	B036681-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0213	107	0.659	25	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0249	125	5.10	25	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0256	128	5.96	25	70 - 130
Vinyl Chloride	0.0200	0.0146	72.8	0.137	25	40 - 130
m+p Xylene	0.0400	0.0467	117	5.05	25	70 - 130
o-Xylene	0.0200	0.0245	122	6.15	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036708	Laboratory ID:	B036708-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	105	105		70 - 160
Acrylonitrile	10.0	11.2	112		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	9.50	95.0		70 - 130
Benzene	10.0	10.4	104		70 - 130
Bromobenzene	10.0	10.3	103		70 - 130
Bromochloromethane	10.0	10.6	106		70 - 130
Bromodichloromethane	10.0	10.6	106		70 - 130
Bromoform	10.0	8.39	83.9		70 - 130
Bromomethane	10.0	5.09	50.9		40 - 160
2-Butanone (MEK)	100	98.4	98.4		40 - 160
tert-Butyl Alcohol (TBA)	100	89.8	89.8		40 - 160
n-Butylbenzene	10.0	10.0	100		70 - 130
sec-Butylbenzene	10.0	10.5	105		70 - 130
tert-Butylbenzene	10.0	10.5	105		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.48	84.8		70 - 130
Carbon Disulfide	10.0	11.4	114		70 - 130
Carbon Tetrachloride	10.0	9.91	99.1		70 - 130
Chlorobenzene	10.0	10.2	102		70 - 130
Chlorodibromomethane	10.0	8.54	85.4		70 - 130
Chloroethane	10.0	9.44	94.4		70 - 130
Chloroform	10.0	9.91	99.1		70 - 130
Chloromethane	10.0	9.16	91.6		40 - 160
2-Chlorotoluene	10.0	10.2	102		70 - 130
4-Chlorotoluene	10.0	10.3	103		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.21	82.1		70 - 130
1,2-Dibromoethane (EDB)	10.0	10.7	107		70 - 130
Dibromomethane	10.0	10.8	108		70 - 130
1,2-Dichlorobenzene	10.0	10.5	105		70 - 130
1,3-Dichlorobenzene	10.0	10.4	104		70 - 130
1,4-Dichlorobenzene	10.0	10.1	101		70 - 130
trans-1,4-Dichloro-2-butene	10.0	6.62	66.2	*	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036708	Laboratory ID:	B036708-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	7.58	75.8		40 - 160
1,1-Dichloroethane	10.0	11.8	118		70 - 130
1,2-Dichloroethane	10.0	10.8	108		70 - 130
1,1-Dichloroethylene	10.0	11.8	118		70 - 130
cis-1,2-Dichloroethylene	10.0	10.0	100		70 - 130
trans-1,2-Dichloroethylene	10.0	13.1	131	*	70 - 130
1,2-Dichloropropane	10.0	10.6	106		70 - 130
1,3-Dichloropropane	10.0	10.3	103		70 - 130
2,2-Dichloropropane	10.0	6.74	67.4		40 - 130
1,1-Dichloropropene	10.0	10.7	107		70 - 130
cis-1,3-Dichloropropene	10.0	10.1	101		70 - 130
trans-1,3-Dichloropropene	10.0	12.1	121		70 - 130
Diethyl Ether	10.0	12.0	120		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.2	112		70 - 130
1,4-Dioxane	100	89.8	89.8		40 - 130
Ethylbenzene	10.0	10.2	102		70 - 130
Hexachlorobutadiene	10.0	10.4	104		70 - 130
2-Hexanone (MBK)	100	98.6	98.6		70 - 160
Isopropylbenzene (Cumene)	10.0	11.9	119		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.7	107		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.9	109		70 - 130
Methylene Chloride	10.0	12.1	121		70 - 130
4-Methyl-2-pentanone (MIBK)	100	102	102		70 - 160
Naphthalene	10.0	11.2	112		40 - 130
n-Propylbenzene	10.0	10.2	102		70 - 130
Styrene	10.0	9.95	99.5		70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.31	93.1		70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2	102		70 - 130
Tetrachloroethylene	10.0	10.1	101		70 - 130
Tetrahydrofuran	10.0	8.72	87.2		70 - 130
Toluene	10.0	10.1	101		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036708	Laboratory ID:	B036708-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	11.0	110	70 - 130
1,2,4-Trichlorobenzene	10.0	10.4	104	70 - 130
1,3,5-Trichlorobenzene	10.0	9.49	94.9	70 - 130
1,1,1-Trichloroethane	10.0	10.5	105	70 - 130
1,1,2-Trichloroethane	10.0	10.4	104	70 - 130
Trichloroethylene	10.0	10.6	106	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.72	97.2	70 - 130
1,2,3-Trichloropropane	10.0	9.27	92.7	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.4	104	70 - 130
1,2,4-Trimethylbenzene	10.0	10.4	104	70 - 130
1,3,5-Trimethylbenzene	10.0	9.96	99.6	70 - 130
Vinyl Chloride	10.0	8.55	85.5	40 - 160
m+p Xylene	20.0	20.7	103	70 - 130
o-Xylene	10.0	10.4	104	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	104	104	0.584	25	70 - 160
Acrylonitrile	10.0	10.5	105	6.18	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	9.33	93.3	1.81	25	70 - 130
Benzene	10.0	10.6	106	1.33	25	70 - 130
Bromobenzene	10.0	10.2	102	0.978	25	70 - 130
Bromochloromethane	10.0	11.3	113	5.66	25	70 - 130
Bromodichloromethane	10.0	10.4	104	2.28	25	70 - 130
Bromoform	10.0	8.36	83.6	0.358	25	70 - 130
Bromomethane	10.0	5.86	58.6	14.1	25	40 - 160
2-Butanone (MEK)	100	96.6	96.6	1.93	25	40 - 160
tert-Butyl Alcohol (TBA)	100	86.6	86.6	3.70	25	40 - 160
n-Butylbenzene	10.0	9.99	99.9	0.300	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036708	Laboratory ID:	B036708-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.4	104		1.05	25	70 - 130
tert-Butylbenzene	10.0	10.6	106		0.190	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.58	85.8		1.17	25	70 - 130
Carbon Disulfide	10.0	11.2	112		1.77	25	70 - 130
Carbon Tetrachloride	10.0	9.69	96.9		2.24	25	70 - 130
Chlorobenzene	10.0	10.2	102		0.0981	25	70 - 130
Chlorodibromomethane	10.0	8.36	83.6		2.13	25	70 - 130
Chloroethane	10.0	10.6	106		11.1	25	70 - 130
Chloroform	10.0	9.93	99.3		0.202	25	70 - 130
Chloromethane	10.0	9.34	93.4		1.95	25	40 - 160
2-Chlorotoluene	10.0	10.1	101		1.58	25	70 - 130
4-Chlorotoluene	10.0	10.2	102		0.681	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.11	81.1		1.23	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.6	106		1.41	25	70 - 130
Dibromomethane	10.0	10.6	106		1.31	25	70 - 130
1,2-Dichlorobenzene	10.0	10.3	103		2.21	25	70 - 130
1,3-Dichlorobenzene	10.0	10.4	104		0.384	25	70 - 130
1,4-Dichlorobenzene	10.0	10.3	103		1.57	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	6.44	64.4	*	2.76	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.58	75.8		0.00	25	40 - 160
1,1-Dichloroethane	10.0	11.9	119		0.337	25	70 - 130
1,2-Dichloroethane	10.0	10.8	108		0.0926	25	70 - 130
1,1-Dichloroethylene	10.0	11.9	119		0.931	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.2	102		1.19	25	70 - 130
trans-1,2-Dichloroethylene	10.0	12.9	129		2.15	25	70 - 130
1,2-Dichloropropane	10.0	10.6	106		0.0944	25	70 - 130
1,3-Dichloropropane	10.0	10.2	102		0.585	25	70 - 130
2,2-Dichloropropane	10.0	6.55	65.5		2.86	25	40 - 130
1,1-Dichloropropene	10.0	10.8	108		0.745	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036708	Laboratory ID:	B036708-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	9.96	99.6	1.49	25	70 - 130
trans-1,3-Dichloropropene	10.0	12.1	121	0.661	25	70 - 130
Diethyl Ether	10.0	12.2	122	0.826	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	11.4	114	1.95	25	70 - 130
1,4-Dioxane	100	91.0	91.0	1.40	50	40 - 130
Ethylbenzene	10.0	10.1	101	1.18	25	70 - 130
Hexachlorobutadiene	10.0	10.4	104	0.192	25	70 - 130
2-Hexanone (MBK)	100	97.1	97.1	1.50	25	70 - 160
Isopropylbenzene (Cumene)	10.0	11.8	118	0.930	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.7	107	0.0936	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.8	108	1.47	25	70 - 130
Methylene Chloride	10.0	12.4	124	2.36	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	98.7	98.7	3.40	25	70 - 160
Naphthalene	10.0	11.2	112	0.446	25	40 - 130
n-Propylbenzene	10.0	10.2	102	0.490	25	70 - 130
Styrene	10.0	9.82	98.2	1.32	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.24	92.4	0.755	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.99	99.9	2.28	25	70 - 130
Tetrachloroethylene	10.0	9.89	98.9	2.50	25	70 - 130
Tetrahydrofuran	10.0	8.51	85.1	2.44	25	70 - 130
Toluene	10.0	10.2	102	1.09	25	70 - 130
1,2,3-Trichlorobenzene	10.0	11.2	112	1.35	25	70 - 130
1,2,4-Trichlorobenzene	10.0	10.5	105	0.0957	25	70 - 130
1,3,5-Trichlorobenzene	10.0	9.21	92.1	2.99	25	70 - 130
1,1,1-Trichloroethane	10.0	10.4	104	0.768	25	70 - 130
1,1,2-Trichloroethane	10.0	10.4	104	0.386	25	70 - 130
Trichloroethylene	10.0	10.3	103	2.68	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.76	97.6	0.411	25	70 - 130
1,2,3-Trichloropropane	10.0	9.24	92.4	0.324	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B036708	Laboratory ID:	B036708-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.4	104	0.578	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.3	103	1.15	25	70 - 130
1,3,5-Trimethylbenzene	10.0	9.80	98.0	1.62	25	70 - 130
Vinyl Chloride	10.0	8.85	88.5	3.45	25	40 - 160
m+p Xylene	20.0	20.6	103	0.388	25	70 - 130
o-Xylene	10.0	10.2	102	2.63	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Blank ID:	B036681-BLK1	Batch:	B036681

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
IDWS-1	11I0023-09	VA245014.D	10:27
LCS Dup	B036681-BSD1	VA245005.D	06:31
LCS	B036681-BS1	VA245004.D	06:03

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Blank ID:	B036708-BLK1	Batch:	B036708

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B036708-BSD1	VB245031.D	01:25
LCS	B036708-BS1	VB245030.D	00:53
PW13-150	11I0023-08	VB245049.D	11:02
PW13-125Q	11I0023-07	VB245048.D	10:30
PW13-125	11I0023-06	VB245047.D	09:58
PW13-100	11I0023-05	VB245046.D	09:26
PW13-75	11I0023-04	VB245045.D	08:54
PW13-50	11I0023-03	VB245044.D	08:22
PW13-25	11I0023-02	VB245043.D	07:50
TB-08302011	11I0023-01	VB245035.D	03:33

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Lab File ID:	VB245029.D	Injection Date:	09/03/11
Instrument ID:	GCMSVOA2	Injection Time:	00:21
Sequence:	S001087	Lab Sample ID:	S001087-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	23.1	PASS
75	30 - 60% of 95	51.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.63	PASS
173	Less than 2% of 174	0.511	PASS
174	50 - 200% of 95	75	PASS
175	5 - 9% of 174	6.98	PASS
176	95 - 101% of 174	95.7	PASS
177	5 - 9% of 176	7.08	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
LCS	B036708-BS1	VB245030.D	09/03/2011	0:53:00
Calibration Check	S001087-CCV1	VB245030.D	09/03/2011	0:53:00
LCS Dup	B036708-BSD1	VB245031.D	09/03/2011	1:25:00
Blank	B036708-BLK1	VB245033.D	09/03/2011	2:29:00
TB-08302011	11I0023-01	VB245035.D	09/03/2011	3:33:00
PW13-25	11I0023-02	VB245043.D	09/03/2011	7:50:00
PW13-50	11I0023-03	VB245044.D	09/03/2011	8:22:00
PW13-75	11I0023-04	VB245045.D	09/03/2011	8:54:00
PW13-100	11I0023-05	VB245046.D	09/03/2011	9:26:00
PW13-125	11I0023-06	VB245047.D	09/03/2011	9:58:00
PW13-125Q	11I0023-07	VB245048.D	09/03/2011	10:30:00
PW13-150	11I0023-08	VB245049.D	09/03/2011	11:02:00

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Lab File ID:	VA245001.D	Injection Date:	09/02/11
Instrument ID:	GCMSVOA1	Injection Time:	04:37
Sequence:	S001097	Lab Sample ID:	S001097-TUN1

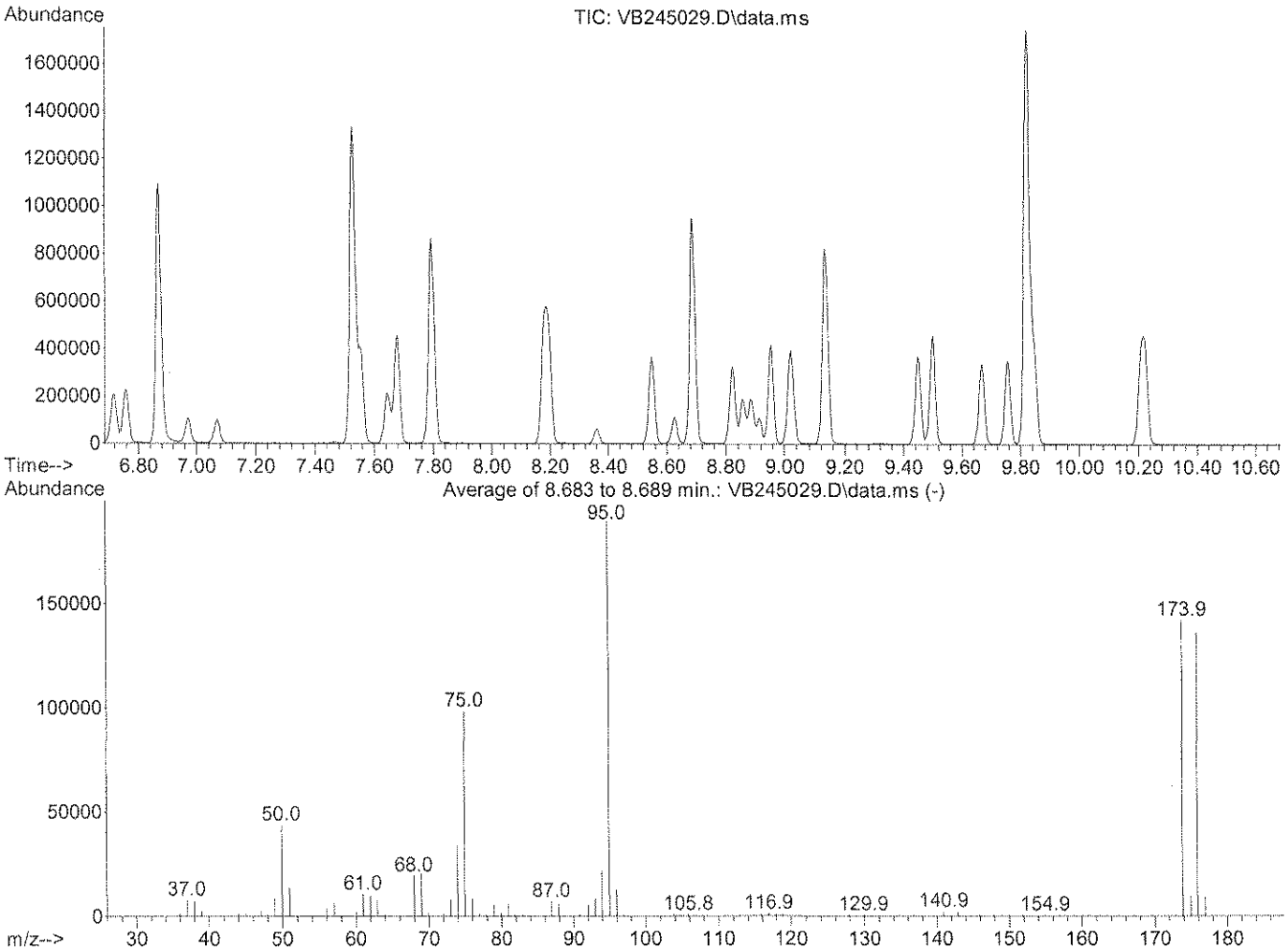
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	24.8	PASS
75	30 - 60% of 95	58.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.89	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	87.8	PASS
175	5 - 9% of 174	8.29	PASS
176	95 - 101% of 174	96.3	PASS
177	5 - 9% of 176	6.82	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001097-CCV1	VA245002.D	09/02/2011	5:06:00
LCS	B036681-BS1	VA245004.D	09/02/2011	6:03:00
LCS Dup	B036681-BSD1	VA245005.D	09/02/2011	6:31:00
Blank	B036681-BLK1	VA245007.D	09/02/2011	7:25:00
IDWS-1	11I0023-09	VA245014.D	09/02/2011	10:27:00

Data Path : W:\1\DATA\090211\
Data File : VB245029.D
Acq On : 3 Sep 2011 12:21 am
Operator :
Sample : 8260STD 10PPB/BFB
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\1\METHODS\B0902W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Sep 06 17:23:23 2011



AutoFind: Scans 2767, 2768, 2769; Background Corrected with Scan 2754

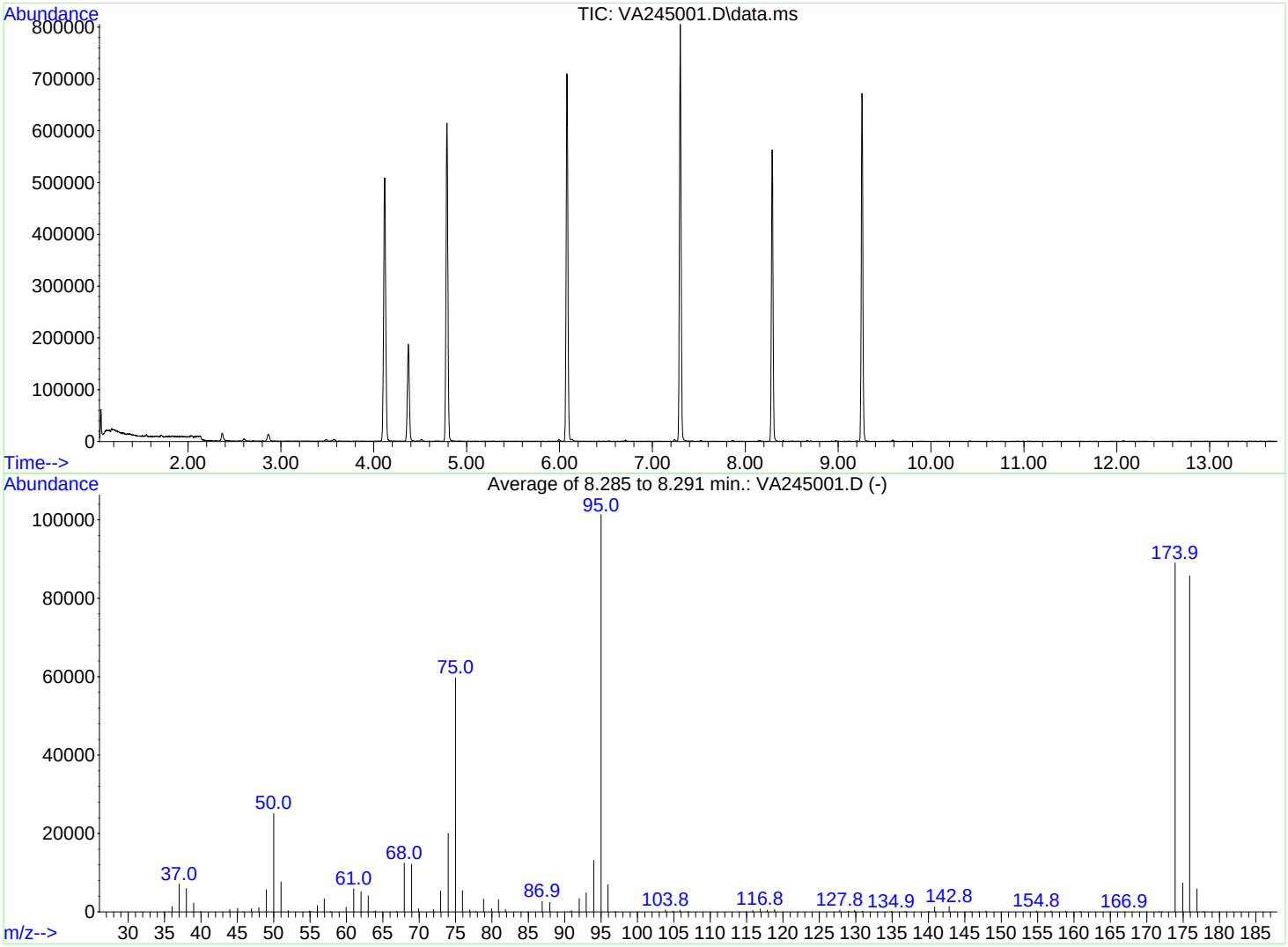
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.1	43823	PASS
75	95	30	60	51.8	98404	PASS
95	95	100	100	100.0	189973	PASS
96	95	5	9	6.6	12594	PASS
173	174	0.00	2	0.5	729	PASS
174	95	50	100	75.0	142544	PASS
175	174	5	9	7.0	9948	PASS
176	174	95	101	95.7	136379	PASS
177	176	5	9	7.1	9657	PASS

BFB

Data Path : V:\1\DATA\090211\
Data File : VA245001.D
Acq On : 2 Sep 2011 4:37 am
Operator : MFF
Sample : BFB
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : V:\1\METHODS\V0801S11.M
Title : 8260 SOIL CALIBRATION (FRONT)
Last Update : Tue Aug 02 08:06:38 2011



Spectrum Information: Average of 8.285 to 8.291 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.8	25125	PASS
75	95	30	60	58.9	59691	PASS
95	95	100	100	100.0	101336	PASS
96	95	5	9	6.9	6983	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.8	89000	PASS
175	174	5	9	8.3	7380	PASS
176	174	95	101	96.3	85747	PASS
177	176	5	9	6.8	5852	PASS

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001087	Instrument:	GCMSVOA2
		Calibration:	1100031

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B036708-BS1)			*Lab File ID: VB245030.D*			*Analyzed: 09/03/11 00:53*			
Pentafluorobenzene	367461	3.962	386751	3.962	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	599708	4.685	622297	4.685	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	323970	7.526	330274	7.529	98	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	290945	9.824	299847	9.824	97	50 - 200	0.0000	+/-0.50	
Calibration Check (S001087-CCV1)			*Lab File ID: VB245030.D*			*Analyzed: 09/03/11 00:53*			
Pentafluorobenzene	367461	3.962	386751	3.962	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	599708	4.685	622297	4.685	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	323970	7.526	330274	7.529	98	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	290945	9.824	299847	9.824	97	50 - 200	0.0000	+/-0.50	
LCS Dup (B036708-BSD1)			*Lab File ID: VB245031.D*			*Analyzed: 09/03/11 01:25*			
Pentafluorobenzene	366044	3.962	367461	3.962	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	601276	4.685	599708	4.685	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	325371	7.526	323970	7.526	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	291189	9.821	290945	9.824	100	50 - 200	-0.0030	+/-0.50	
Blank (B036708-BLK1)			*Lab File ID: VB245033.D*			*Analyzed: 09/03/11 02:29*			
Pentafluorobenzene	364059	3.962	367461	3.962	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	593039	4.685	599708	4.685	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	320357	7.526	323970	7.526	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	276280	9.824	290945	9.824	95	50 - 200	0.0000	+/-0.50	
TB-08302011 (11I0023-01)			*Lab File ID: VB245035.D*			*Analyzed: 09/03/11 03:33*			
Pentafluorobenzene	357947	3.962	367461	3.962	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	582774	4.687	599708	4.685	97	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	314433	7.526	323970	7.526	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	270808	9.821	290945	9.824	93	50 - 200	-0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001087	Instrument:	GCMSVOA2
		Calibration:	1100031

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW13-25 (11I0023-02)			*Lab File ID: VB245043.D*			*Analyzed: 09/03/11 07:50*			
Pentafluorobenzene	351905	3.965	367461	3.962	96	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	574989	4.685	599708	4.685	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	309851	7.529	323970	7.526	96	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	264010	9.821	290945	9.824	91	50 - 200	-0.0030	+/-0.50	
PW13-50 (11I0023-03)			*Lab File ID: VB245044.D*			*Analyzed: 09/03/11 08:22*			
Pentafluorobenzene	349230	3.962	367461	3.962	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	580330	4.687	599708	4.685	97	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	307812	7.526	323970	7.526	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	268126	9.821	290945	9.824	92	50 - 200	-0.0030	+/-0.50	
PW13-75 (11I0023-04)			*Lab File ID: VB245045.D*			*Analyzed: 09/03/11 08:54*			
Pentafluorobenzene	352303	3.965	367461	3.962	96	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	572178	4.687	599708	4.685	95	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	308518	7.526	323970	7.526	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	269040	9.821	290945	9.824	92	50 - 200	-0.0030	+/-0.50	
PW13-100 (11I0023-05)			*Lab File ID: VB245046.D*			*Analyzed: 09/03/11 09:26*			
Pentafluorobenzene	351021	3.965	367461	3.962	96	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	576344	4.687	599708	4.685	96	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	306302	7.529	323970	7.526	95	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	267855	9.824	290945	9.824	92	50 - 200	0.0000	+/-0.50	
PW13-125 (11I0023-06)			*Lab File ID: VB245047.D*			*Analyzed: 09/03/11 09:58*			
Pentafluorobenzene	349063	3.962	367461	3.962	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	576226	4.685	599708	4.685	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	308816	7.526	323970	7.526	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	272012	9.821	290945	9.824	93	50 - 200	-0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001087	Instrument:	GCMSVOA2
		Calibration:	1100031

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW13-125Q (11I0023-07)			*Lab File ID: VB245048.D*			*Analyzed: 09/03/11 10:30*			
Pentafluorobenzene	357168	3.962	367461	3.962	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	582950	4.687	599708	4.685	97	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	313226	7.526	323970	7.526	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	277004	9.821	290945	9.824	95	50 - 200	-0.0030	+/-0.50	
PW13-150 (11I0023-08)			*Lab File ID: VB245049.D*			*Analyzed: 09/03/11 11:02*			
Pentafluorobenzene	355105	3.962	367461	3.962	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	578563	4.684	599708	4.685	96	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	307375	7.526	323970	7.526	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	271266	9.821	290945	9.824	93	50 - 200	-0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001097	Instrument:	GCMSVOA1
		Calibration:	1100032

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001097-CCV1)			*Lab File ID: VA245002.D*			*Analyzed: 09/02/11 05:06*			
Pentafluorobenzene	258339	4.116	253995	4.115	102	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	323554	4.787	317869	4.786	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	298805	7.299	291325	7.298	103	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	149725	9.26	149672	9.257	100	50 - 200	0.0030	+/-0.50	
LCS (B036681-BS1)			*Lab File ID: VA245004.D*			*Analyzed: 09/02/11 06:03*			
Pentafluorobenzene	255711	4.11	258339	4.116	99	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	311963	4.79	323554	4.787	96	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	298468	7.3	298805	7.299	100	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	153152	9.26	149725	9.26	102	50 - 200	0.0000	+/-0.50	
LCS Dup (B036681-BSD1)			*Lab File ID: VA245005.D*			*Analyzed: 09/02/11 06:31*			
Pentafluorobenzene	261172	4.12	258339	4.116	101	50 - 200	0.0040	+/-0.50	
1,4-Difluorobenzene	323127	4.79	323554	4.787	100	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	291260	7.3	298805	7.299	97	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	146873	9.26	149725	9.26	98	50 - 200	0.0000	+/-0.50	
Blank (B036681-BLK1)			*Lab File ID: VA245007.D*			*Analyzed: 09/02/11 07:25*			
Pentafluorobenzene	251504	4.12	258339	4.116	97	50 - 200	0.0040	+/-0.50	
1,4-Difluorobenzene	308288	4.79	323554	4.787	95	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	289213	7.3	298805	7.299	97	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	118223	9.26	149725	9.26	79	50 - 200	0.0000	+/-0.50	
IDWS-1 (11I0023-09)			*Lab File ID: VA245014.D*			*Analyzed: 09/02/11 10:27*			
Pentafluorobenzene	246189	4.11	258339	4.116	95	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	301137	4.79	323554	4.787	93	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	281083	7.3	298805	7.299	94	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	114528	9.26	149725	9.26	76	50 - 200	0.0000	+/-0.50	

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VOLATILES SAMPLE DATA

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

1 - FORM I
ANALYSIS DATA SHEET

TB-08302011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11I0023-01	File ID:	VB245035.D
Sampled:	08/30/11 08:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 03:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08302011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11I0023-01	File ID:	VB245035.D
Sampled:	08/30/11 08:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 03:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-08302011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11I0023-01	File ID:	VB245035.D
Sampled:	08/30/11 08:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 03:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

TB-08302011

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11I0023-01	File ID:	VB245035.D
Sampled:	08/30/11 08:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 03:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245035.D
Acq On : 3 Sep 2011 3:33 am
Operator :
Sample : 1110023-01 @ TB
Misc :
ALS Vial : 35 Sample Multiplier: 1

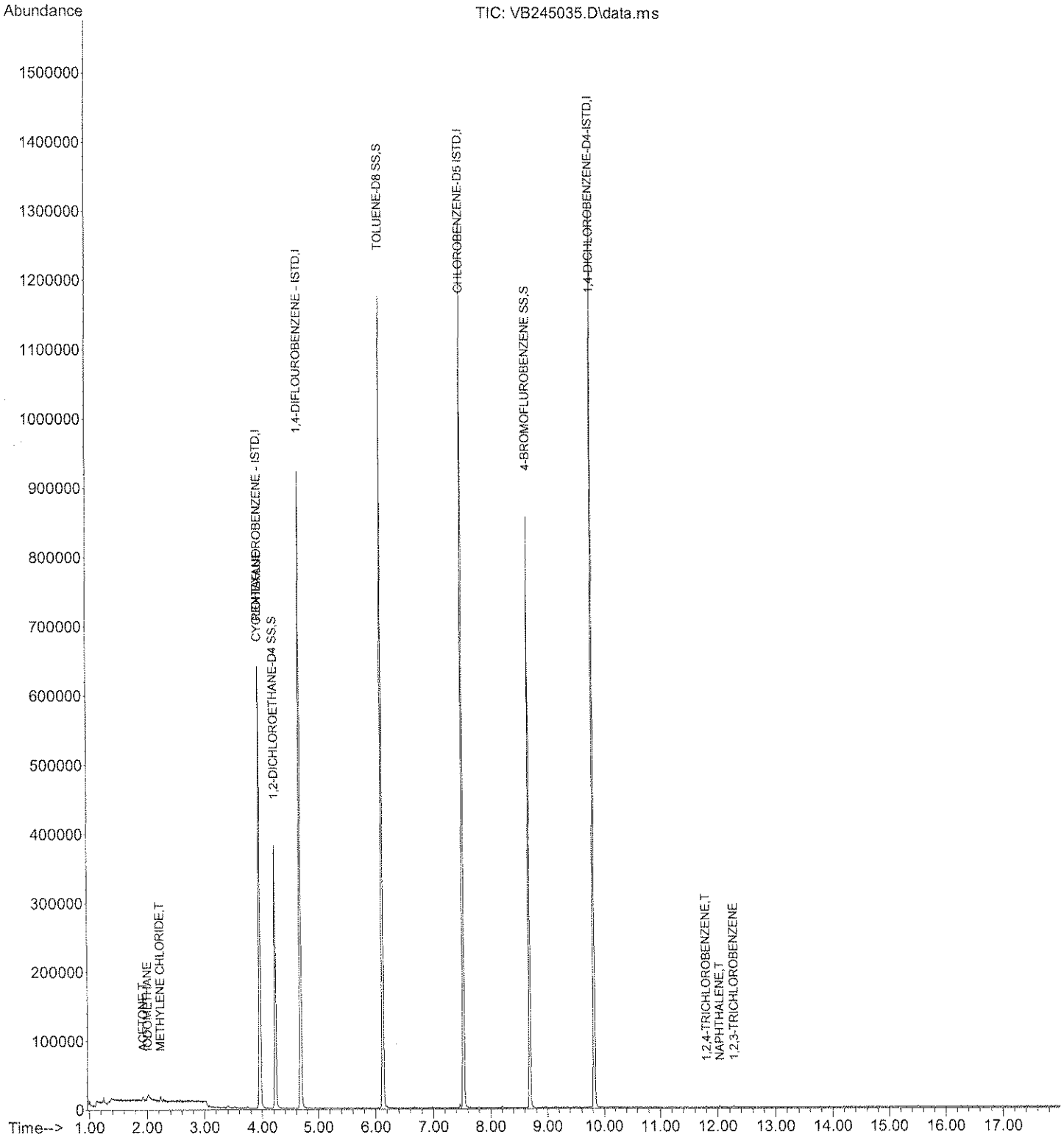
Quant Time: Sep 07 15:06:36 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

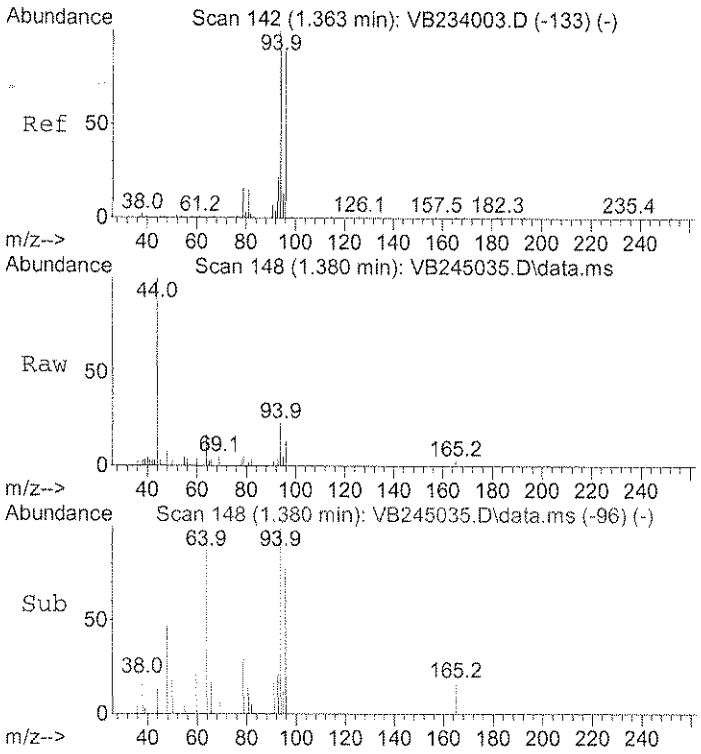
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	357947	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	582774	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	314433	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	270808	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	241819	26.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.44%				
42) TOLUENE-D8 SS	6.126	98	603539	25.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.48%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	238808	24.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.48%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.380	94	2356	Below Cal			95
8) CHLOROETHANE	1.366	64	2416	Below Cal		#	42
13) ACETONE	1.924	43	4802	3.43	UG/L		92
16) IODOMETHANE	2.005	142	14631	2.16	UG/L	#	52
20) METHYLENE CHLORIDE	2.225	49	3049	0.44	UG/L		86
36) CYCLOHEXANE	3.959	56	10197	1.09	UG/L	#	38
92) 1,2,4-TRICHLOROBENZENE	11.801	180	686	0.14	UG/L	#	10
94) NAPHTHALENE	12.033	128	1866	0.18	UG/L	#	70
95) 1,2,3-TRICHLOROBENZENE	12.278	180	564	0.15	UG/L	#	10

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

Data Path : W:\1\DATA\090211\
Data File : VB245035.D
Acq On : 3 Sep 2011 3:33 am
Operator :
Sample : 11I0023-01 @ TB
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 07 15:06:36 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

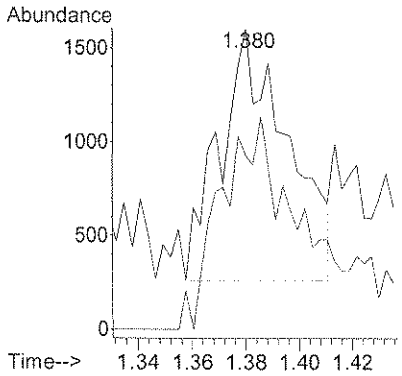


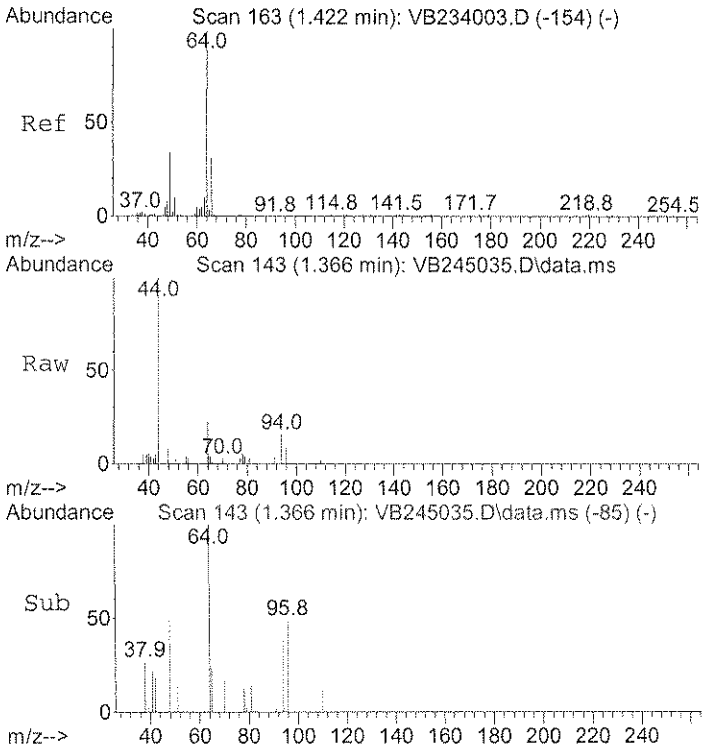


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.380 min Scan# 148
Delta R.T. 0.023 min
Lab File: VB245035.D
Acq: 3 Sep 2011 3:33 am

Tgt Ion: 94 Resp: 2356

Ion	Ratio	Lower	Upper
94	100		
96	96.9	73.4	110.2

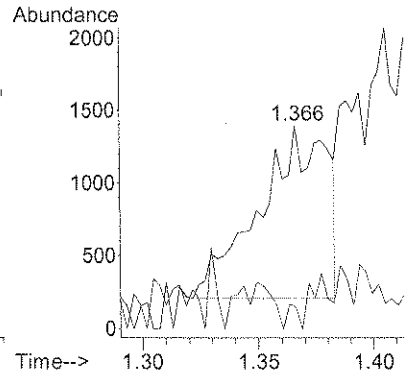


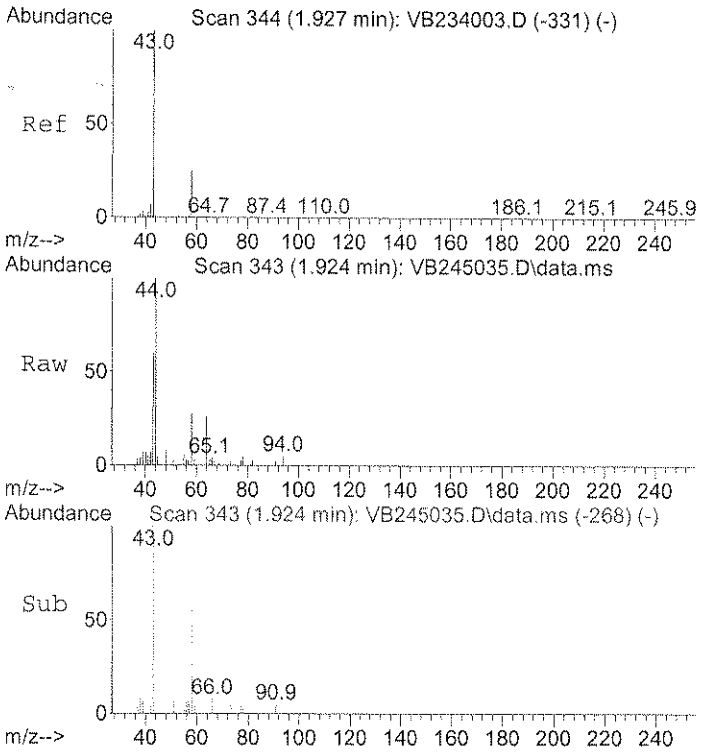


#8
CHLOROETHANE
Concen: Below Cal
RT: 1.366 min Scan# 143
Delta R.T. -0.050 min
Lab File: VB245035.D
Acq: 3 Sep 2011 3:33 am

Tgt Ion: 64 Resp: 2416

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.2	39.2#

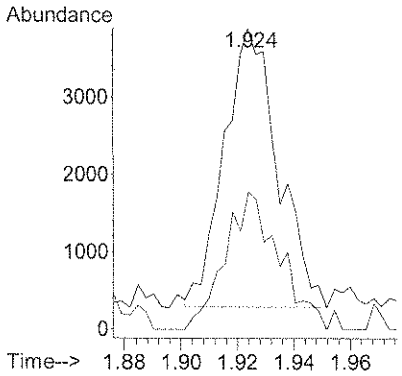


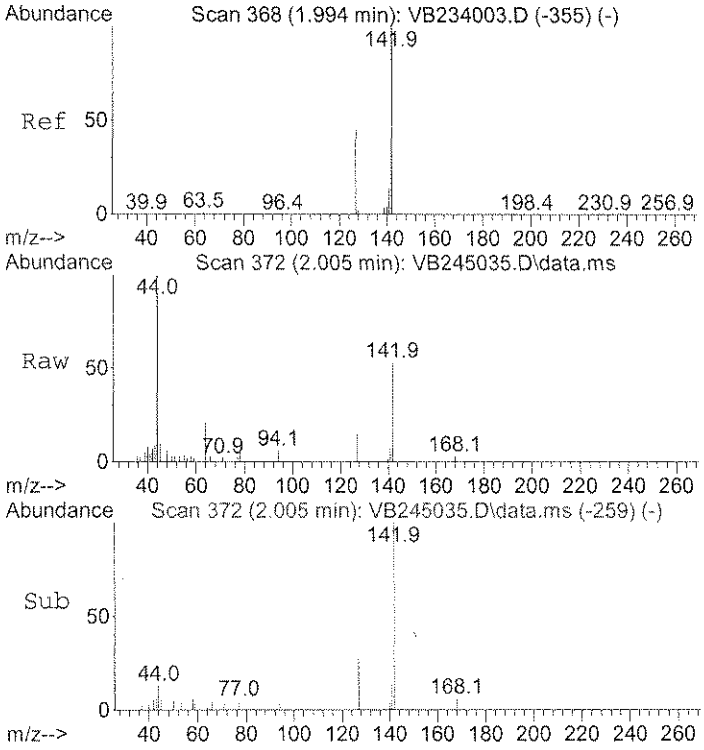


#13
ACETONE
Concen: 3.43 UG/L
RT: 1.924 min Scan# 343
Delta R.T. -0.003 min
Lab File: VB245035.D
Acq: 3 Sep 2011 3:33 am

Tgt Ion: 43 Resp: 4802

Ion	Ratio	Lower	Upper
43	100		
58	50.1	35.9	53.9

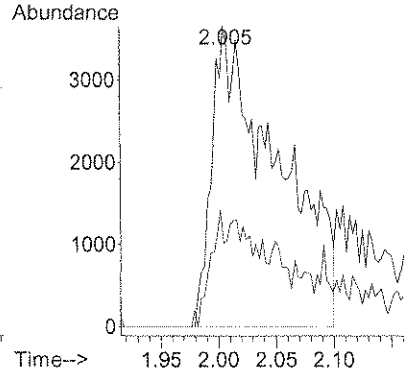


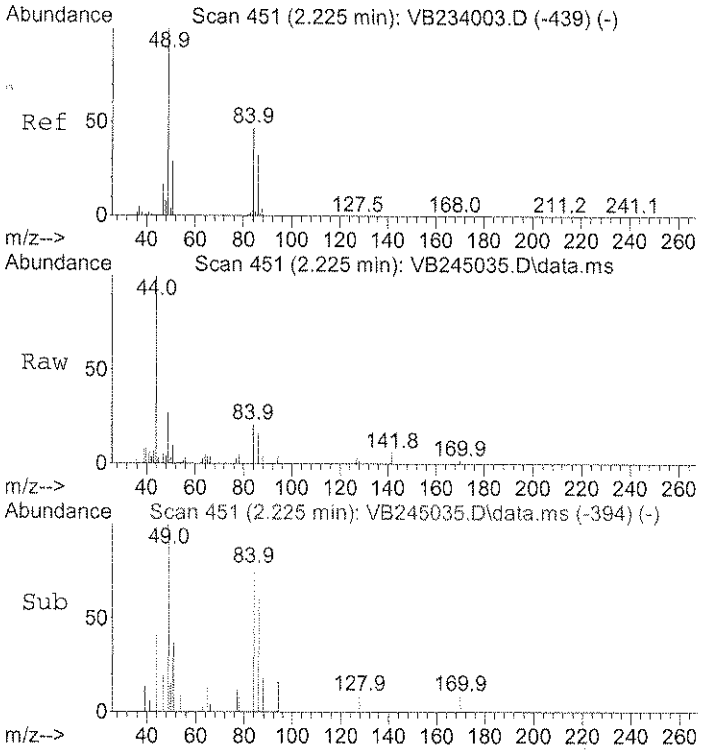


#16
IODOMETHANE
Concen: 2.16 UG/L
RT: 2.005 min Scan# 372
Delta R.T. 0.015 min
Lab File: VB245035.D
Acq: 3 Sep 2011 3:33 am

Tgt Ion:142 Resp: 14631

Ion	Ratio	Lower	Upper
142	100		
127	9.1	30.7	46.1#

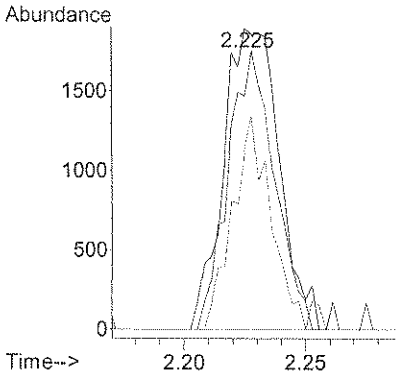


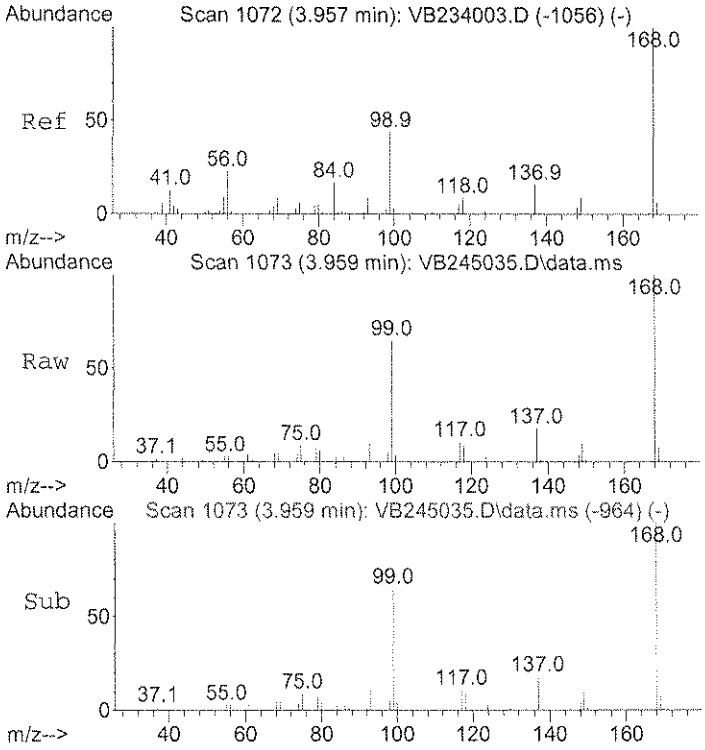


#20
METHYLENE CHLORIDE
Concen: 0.44 UG/L
RT: 2.225 min Scan# 451
Delta R.T. -0.000 min
Lab File: VB245035.D
Acq: 3 Sep 2011 3:33 am

Tgt Ion: 49 Resp: 3049

Ion	Ratio	Lower	Upper
49	100		
84	77.2	72.5	108.7
86	48.5	46.3	69.5

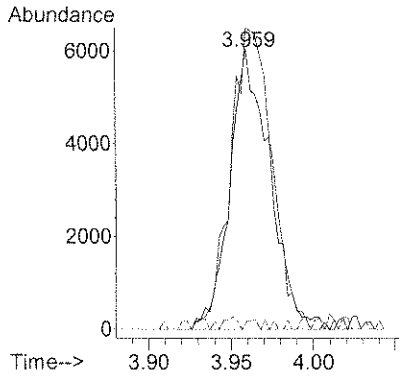


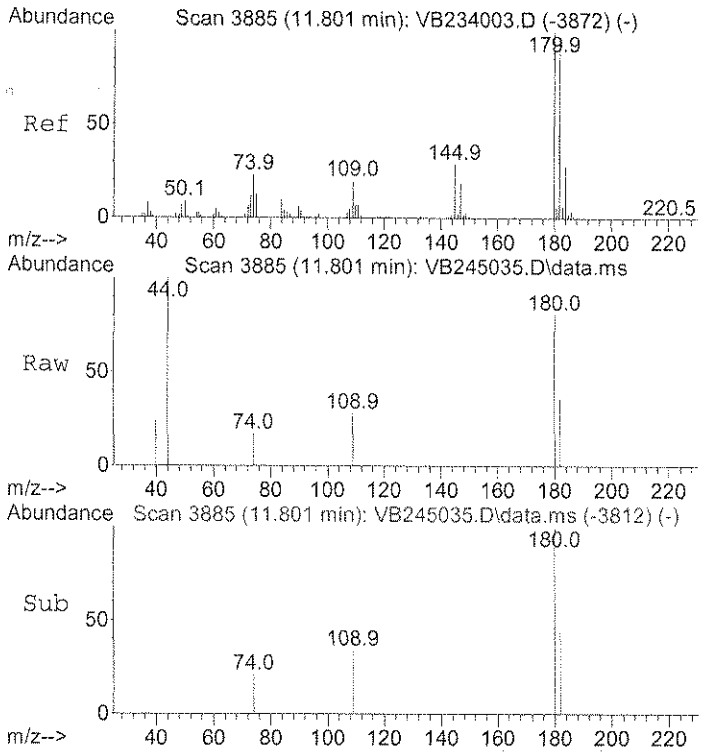


#36
CYCLOHEXANE
Concen: 1.09 UG/L
RT: 3.959 min Scan# 1073
Delta R.T. 0.003 min
Lab File: VB245035.D
Acq: 3 Sep 2011 3:33 am

Tgt Ion: 56 Resp: 10197

Ion	Ratio	Lower	Upper
56	100		
84	113.0	52.8	79.2#
41	1.4	35.4	53.2#

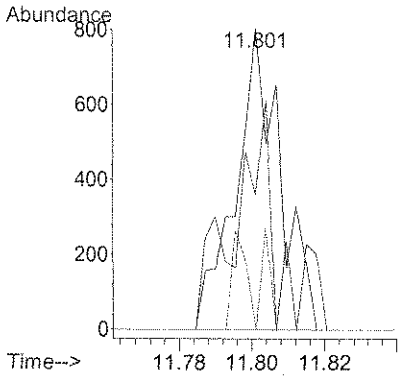


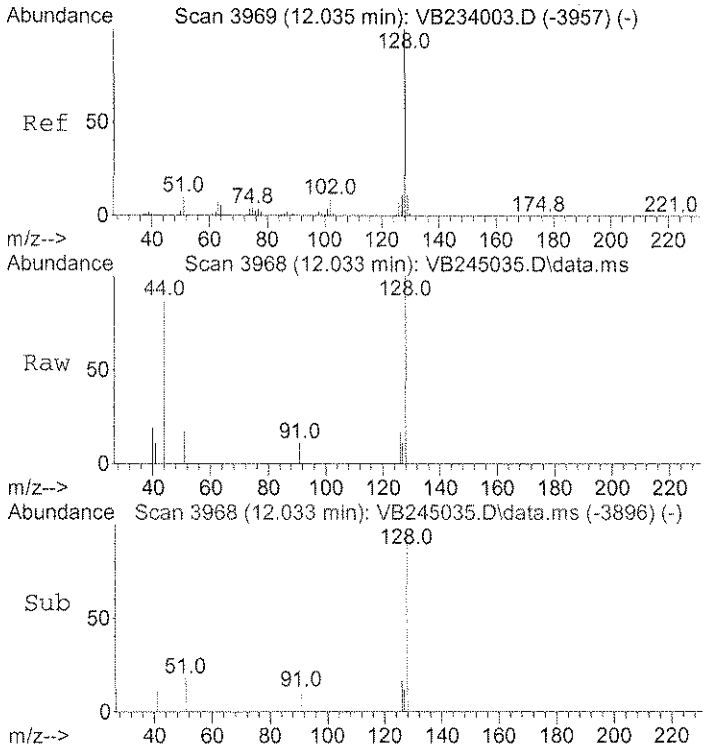


#92
1,2,4-TRICHLOROBENZENE
Concen: 0.14 UG/L
RT: 11.801 min Scan# 3885
Delta R.T. 0.003 min
Lab File: VB245035.D
Acq: 3 Sep 2011 3:33 am

Tgt Ion:180 Resp: 686

Ion	Ratio	Lower	Upper
180	100		
182	0.0	81.3	121.9#
145	0.0	23.8	35.6#

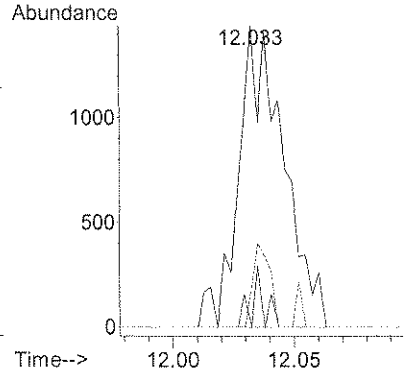


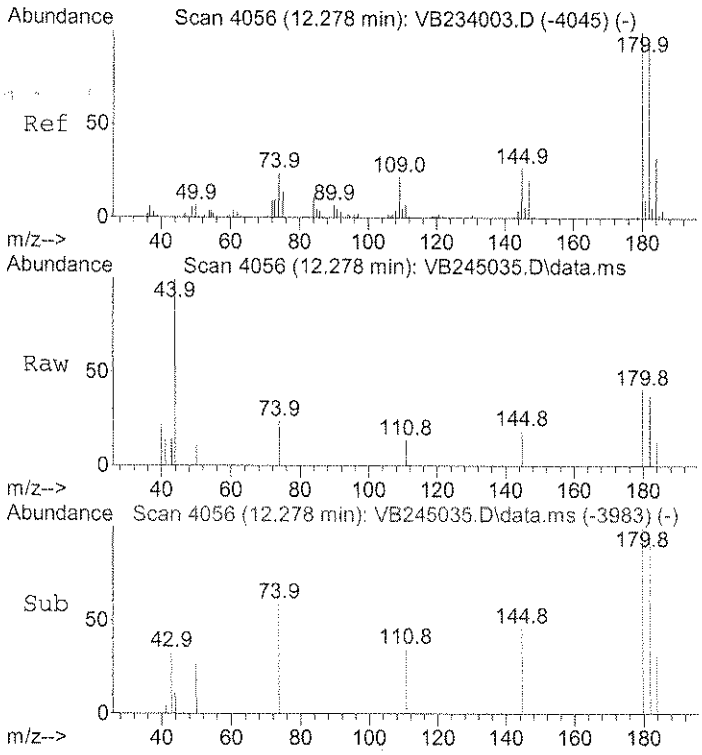


#94
NAPHTHALENE
Concen: 0.18 UG/L
RT: 12.033 min Scan# 3968
Delta R.T. -0.000 min
Lab File: VB245035.D
Acq: 3 Sep 2011 3:33 am

Tgt Ion:128 Resp: 1866

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	9.9	14.9#

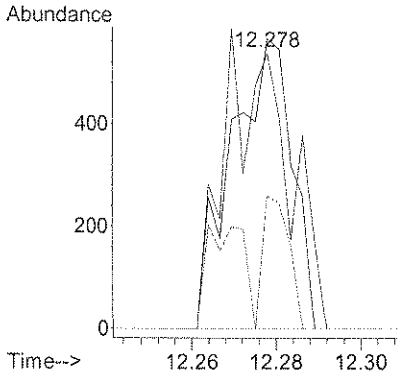




#95
1,2,3-TRICHLOROBENZENE
Concen: 0.15 UG/L
RT: 12.278 min Scan# 4056
Delta R.T. 0.003 min
Lab File: VB245035.D
Acq: 3 Sep 2011 3:33 am

Tgt Ion:180 Resp: 564

Ion	Ratio	Lower	Upper
180	100		
182	0.0	81.5	122.3#
145	0.0	25.2	37.8#



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1 - FORM I
ANALYSIS DATA SHEET

PW13-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-02	File ID:	VB245043.D
Sampled:	08/30/11 08:40	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 07:50
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW13-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-02	File ID:	VB245043.D
Sampled:	08/30/11 08:40	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 07:50
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-02	File ID:	VB245043.D
Sampled:	08/30/11 08:40	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 07:50
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW13-25

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-02	File ID:	VB245043.D
Sampled:	08/30/11 08:40	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 07:50
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245043.D
Acq On : 3 Sep 2011 7:50 am
Operator :
Sample : 1110023-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

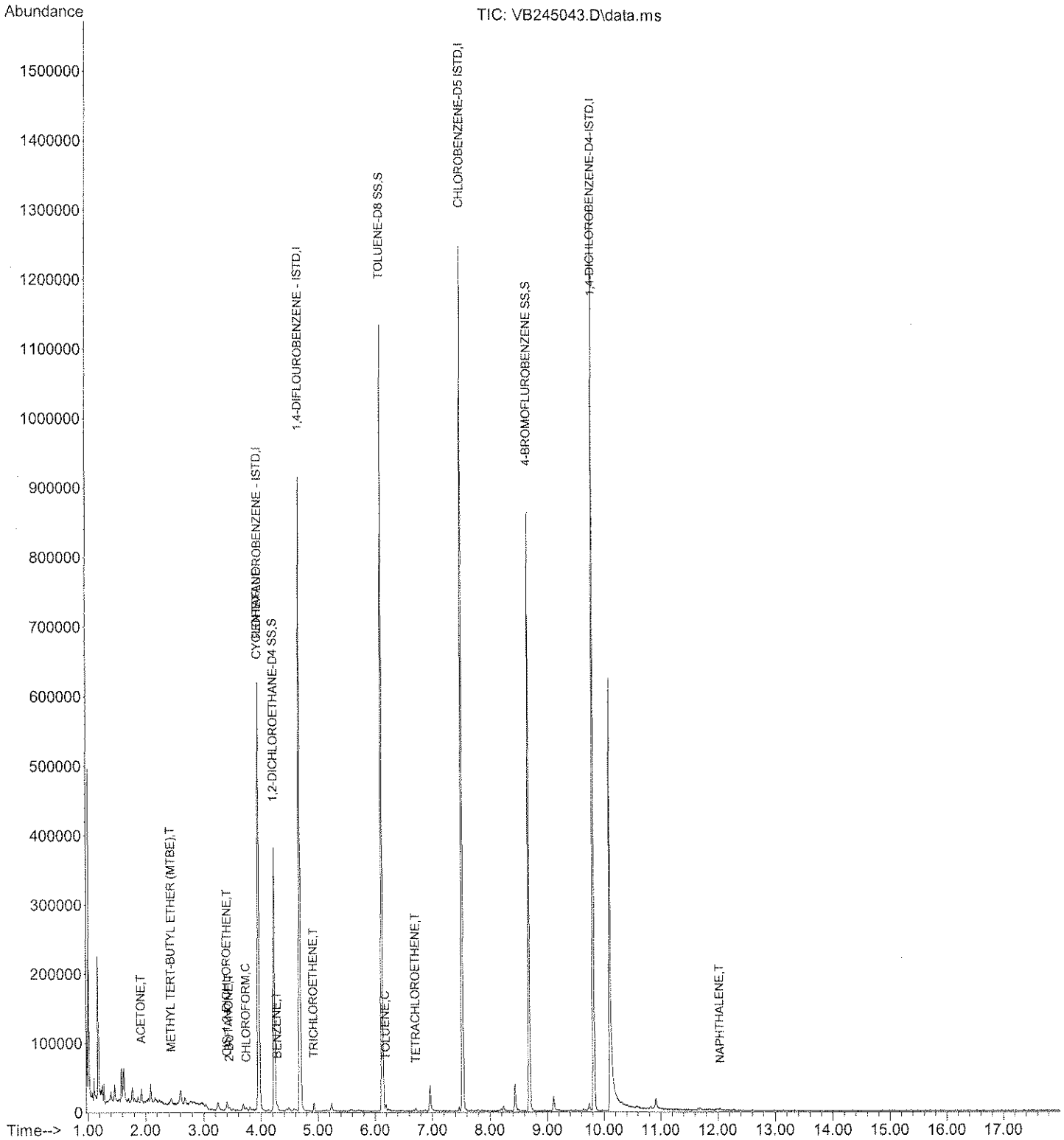
Quant Time: Sep 07 15:10:38 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

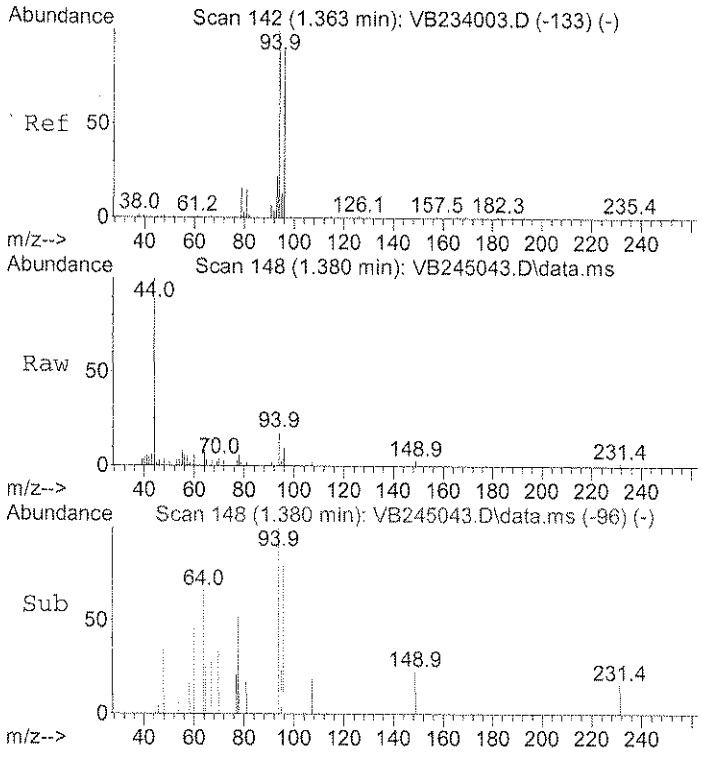
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	351905	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	574989	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	309851	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	264010	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	239961	26.61	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.44%				
42) TOLUENE-D8 SS	6.126	98	591811	25.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.84%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	237513	24.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.40%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.380	94	1721	Below Cal		#	4
13) ACETONE	1.924	43	9378	6.81	UG/L		97
22) METHYL TERT-BUTYL ETHE...	2.445	73	2588	0.16	UG/L	#	1
27) 2-BUTANONE	3.446	43	6246	2.00	UG/L	#	69
29) CIS-1,2-DICHLOROETHENE	3.407	61	3172	0.30	UG/L		95
34) CHLOROFORM	3.742	83	2531	0.26	UG/L		95
36) CYCLOHEXANE	3.960	56	10379m	1.12	UG/L		
39) BENZENE	4.283	78	3321	0.16	UG/L	#	72
44) TRICHLOROETHENE	4.930	95	2873	0.56	UG/L		89
53) TOLUENE	6.190	91	4501	0.20	UG/L	#	84
58) TETRACHLOROETHENE	6.717	164	737	0.21	UG/L		92
94) NAPHTHALENE	12.038	128	1367	0.13	UG/L	#	70

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

Data Path : W:\1\DATA\090211\
Data File : VB245043.D
Acq On : 3 Sep 2011 7:50 am
Operator :
Sample : 11I0023-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Sep 07 15:10:38 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

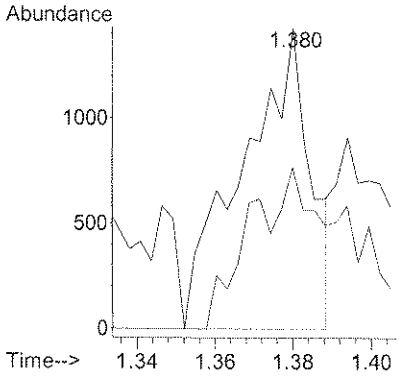


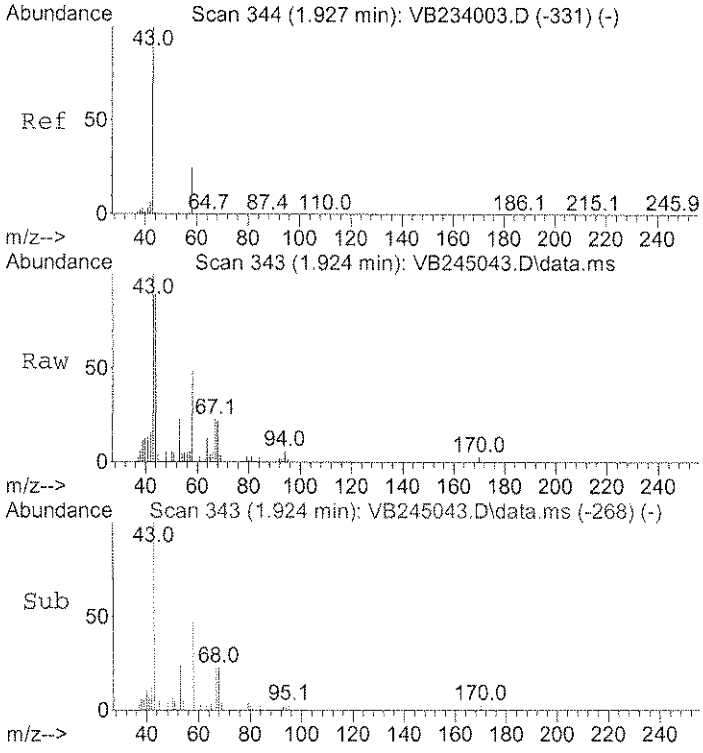


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.380 min Scan# 148
Delta R.T. 0.023 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 94 Resp: 1721

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.2#

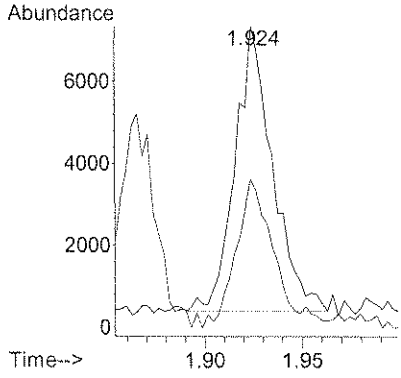


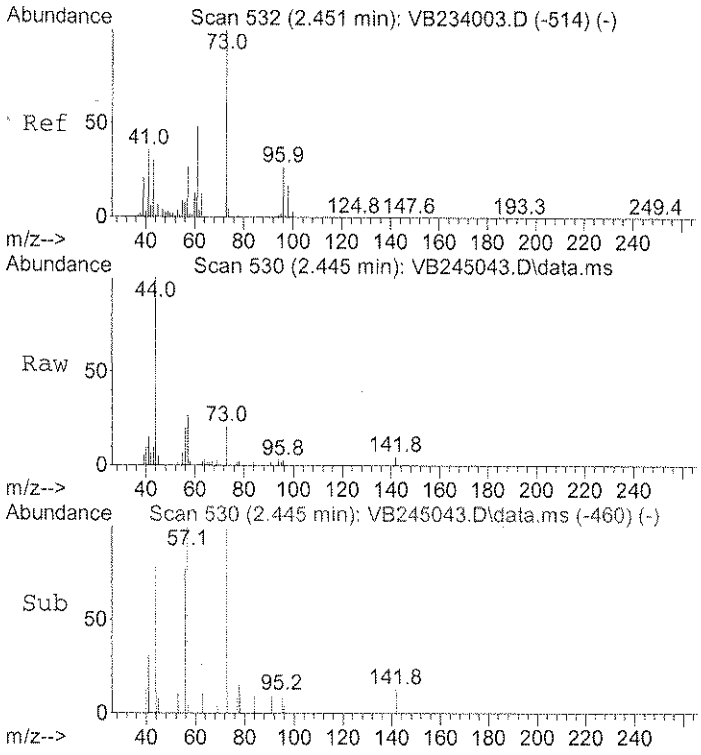


#13
ACETONE
Concen: 6.81 UG/L
RT: 1.924 min Scan# 343
Delta R.T. -0.003 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 43 Resp: 9378

Ion	Ratio	Lower	Upper
43	100		
58	47.0	35.9	53.9

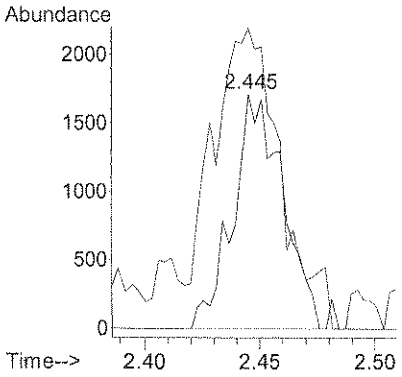


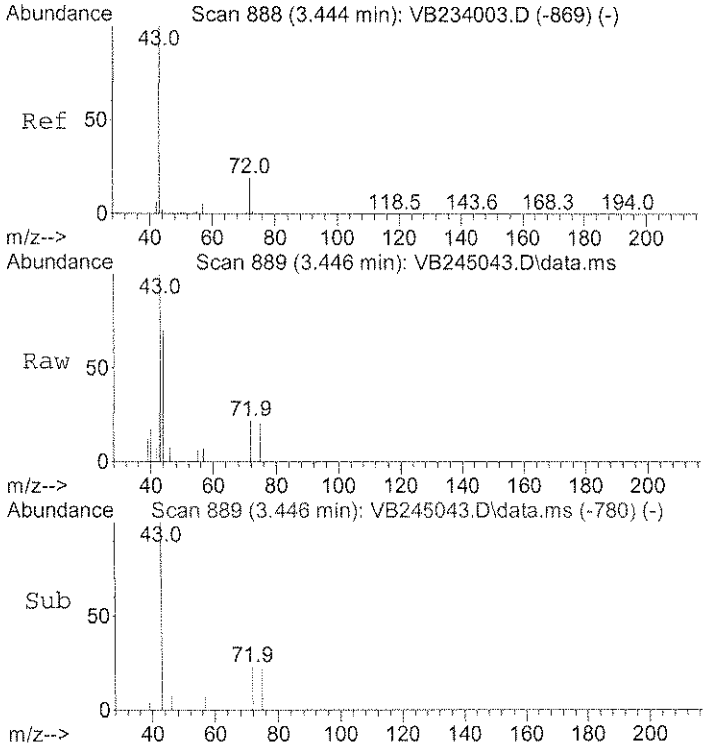


#22
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.16 UG/L
RT: 2.445 min Scan# 530
Delta R.T. -0.006 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 73 Resp: 2588

Ion	Ratio	Lower	Upper
73	100		
57	173.8	17.6	26.4#

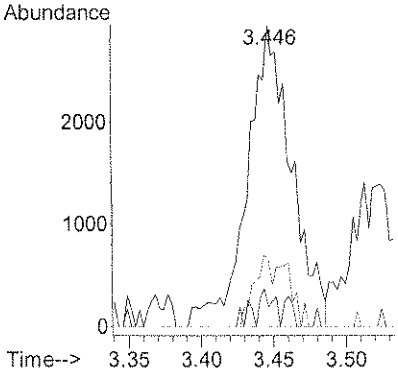


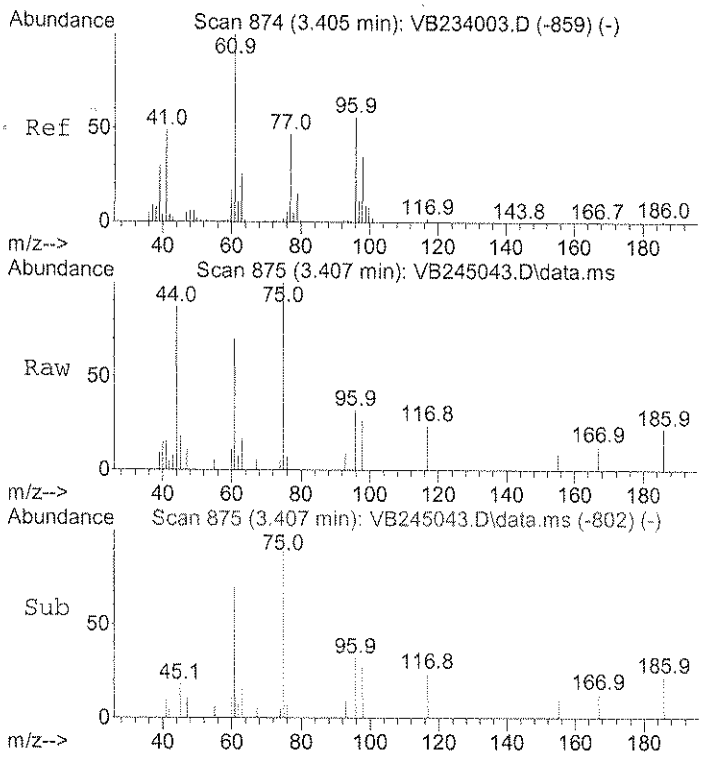


#27
2-BUTANONE
Concen: 2.00 UG/L
RT: 3.446 min Scan# 889
Delta R.T. 0.003 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 43 Resp: 6246

Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.8	11.8#
72	9.4	20.6	31.0#

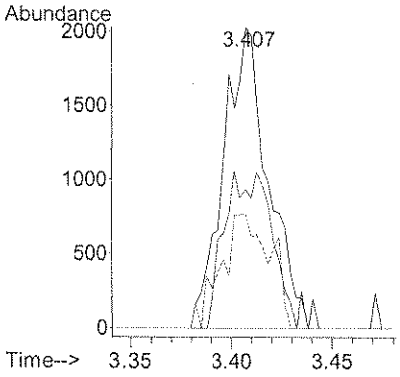


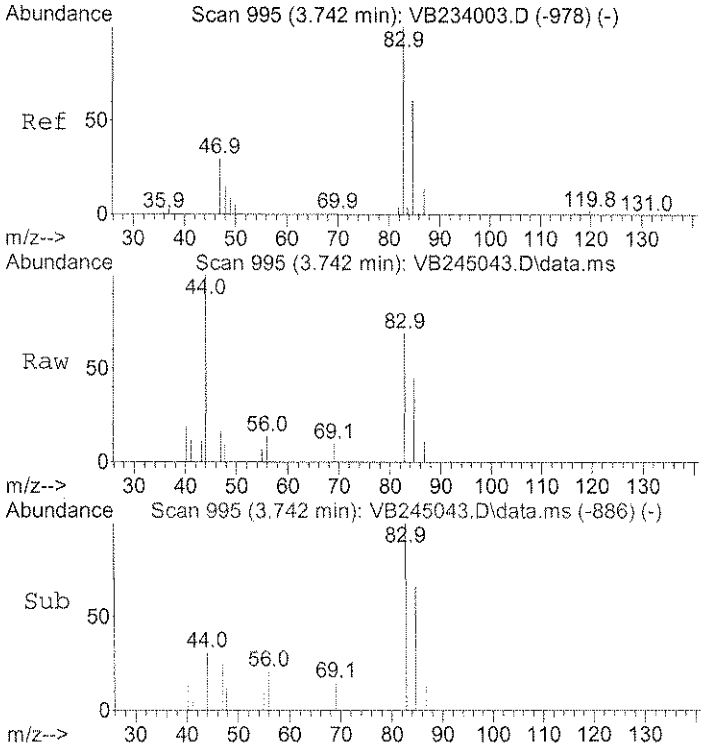


#29
CIS-1,2-DICHLOROETHENE
Concen: 0.30 UG/L
RT: 3.407 min Scan# 875
Delta R.T. 0.003 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 61 Resp: 3172

Ion	Ratio	Lower	Upper
61	100		
96	54.4	45.1	67.7
98	41.3	28.9	43.3

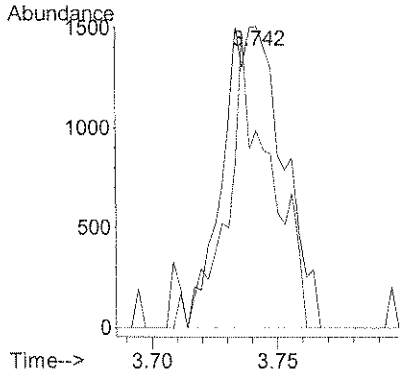


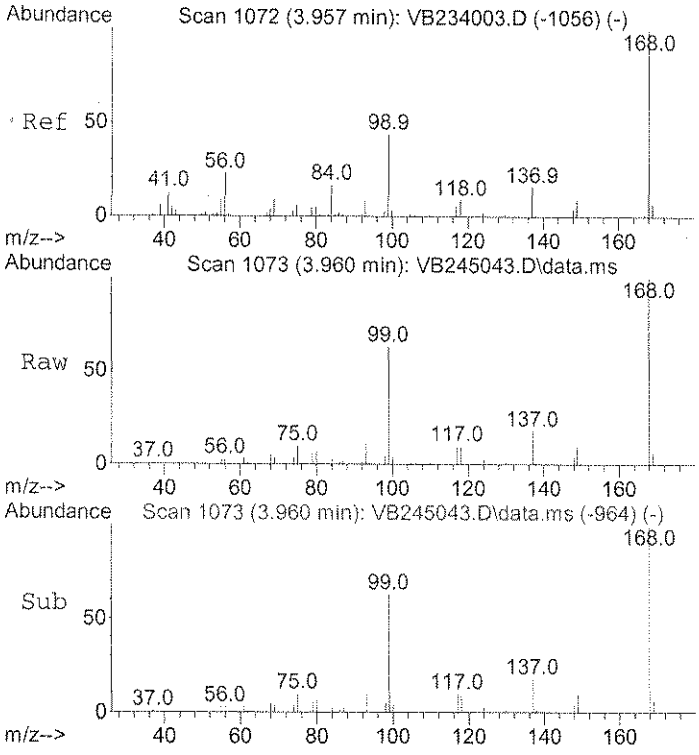


#34
CHLOROFORM
Concen: 0.26 UG/L
RT: 3.742 min Scan# 995
Delta R.T. 0.003 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 83 Resp: 2531

Ion	Ratio	Lower	Upper
83	100		
85	68.6	51.6	77.4

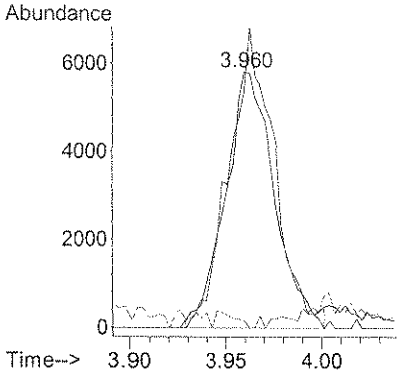


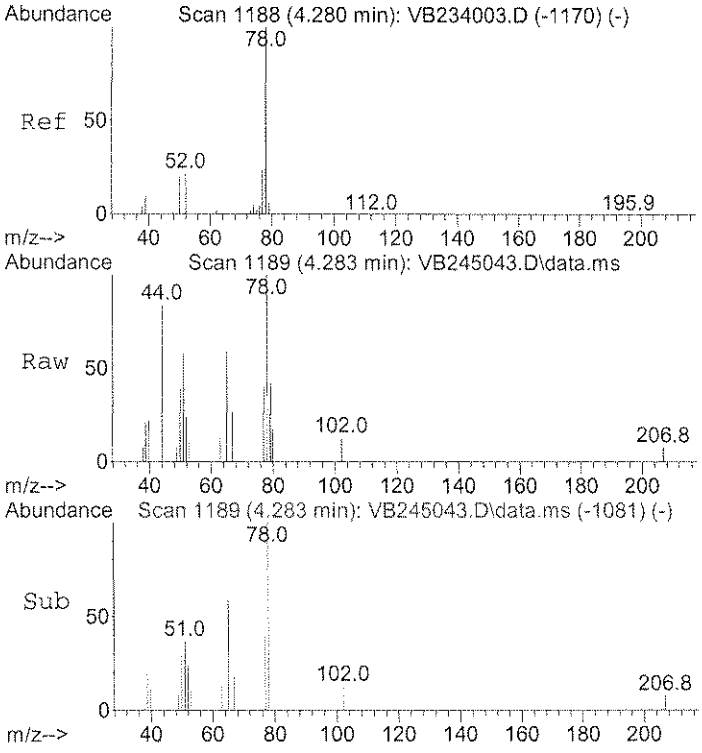


#36
CYCLOHEXANE
Concen: 1.12 UG/L m
RT: 3.960 min Scan# 1073
Delta R.T. 0.003 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 56 Resp: 10379

Ion	Ratio	Lower	Upper
56	100		
84	0.0	52.8	79.2#
41	0.0	35.4	53.2#

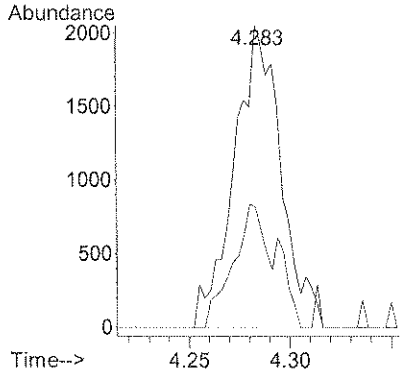


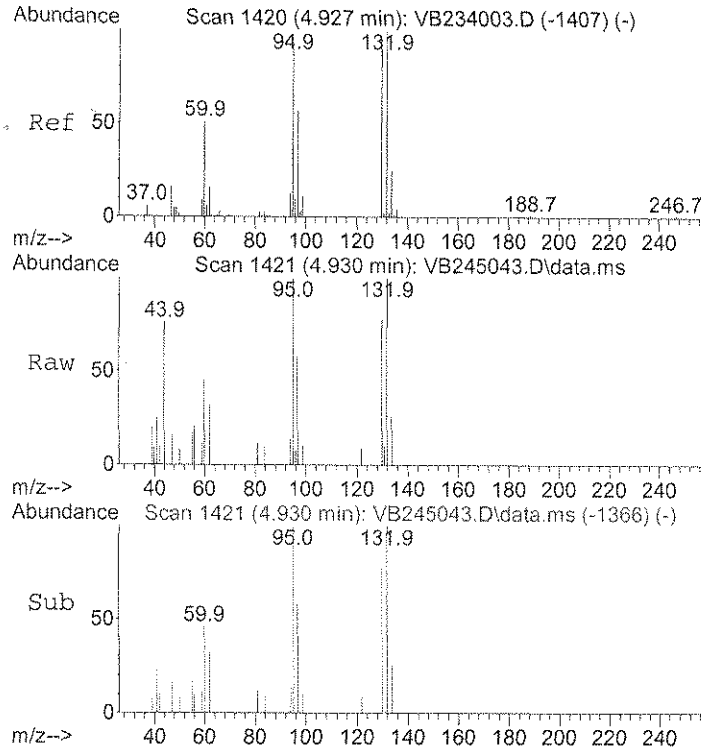


#39
BENZENE
Concen: 0.16 UG/L
RT: 4.283 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 78 Resp: 3321

Ion	Ratio	Lower	Upper
78	100		
77	36.9	18.6	27.8#

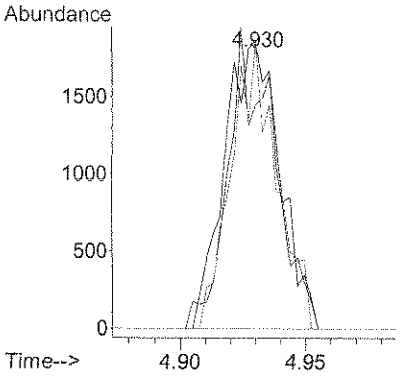


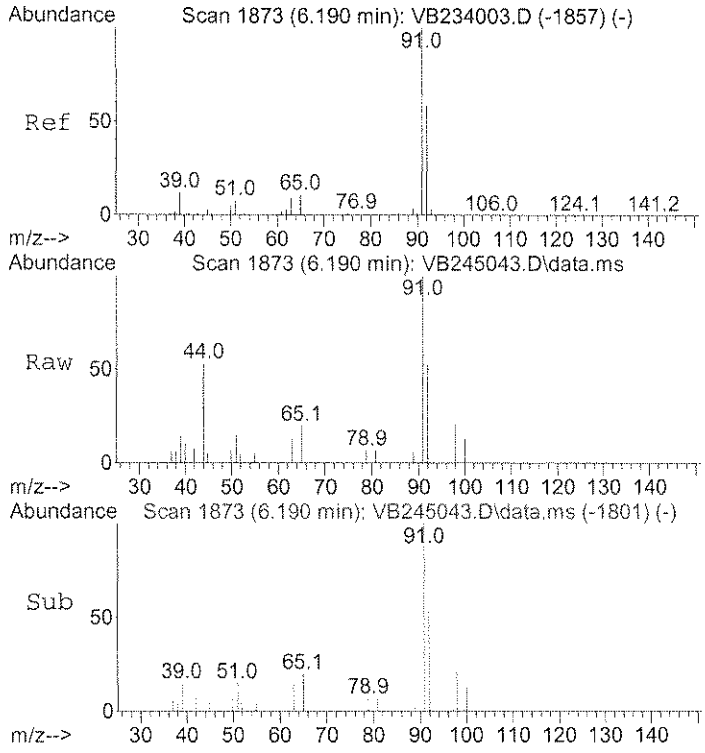


#44
TRICHLOROETHENE
Concen: 0.56 UG/L
RT: 4.930 min Scan# 1421
Delta R.T. 0.003 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 95 Resp: 2873

Ion	Ratio	Lower	Upper
95	100		
130	86.0	74.5	111.7
132	81.3	76.8	115.2

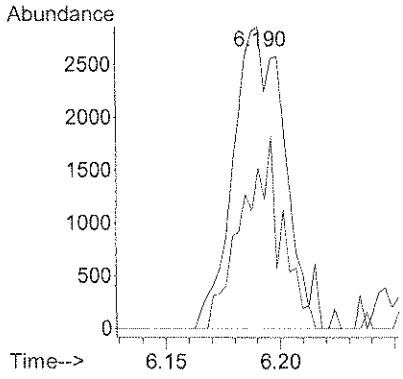


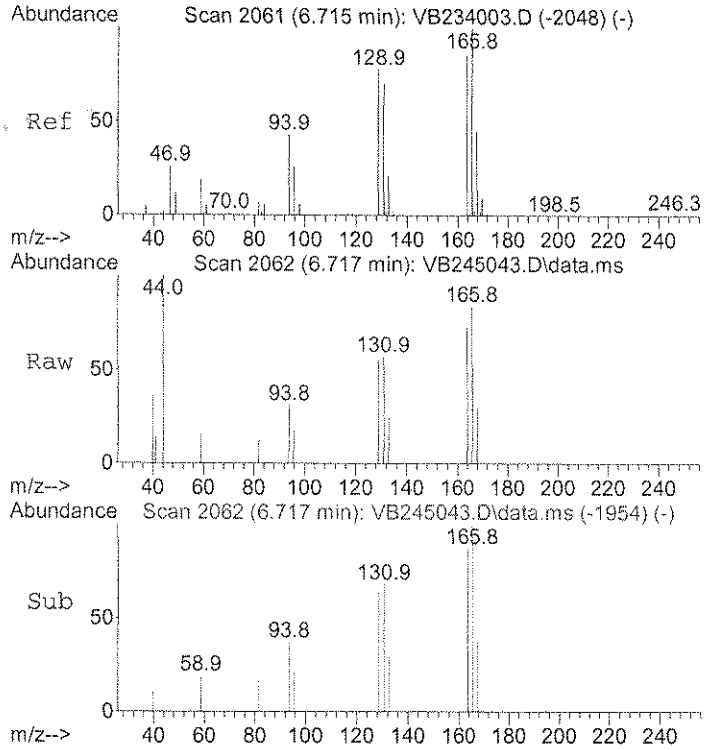


#53
TOLUENE
Concen: 0.20 UG/L
RT: 6.190 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion: 91 Resp: 4501

Ion	Ratio	Lower	Upper
91	100		
92	48.4	48.6	73.0#

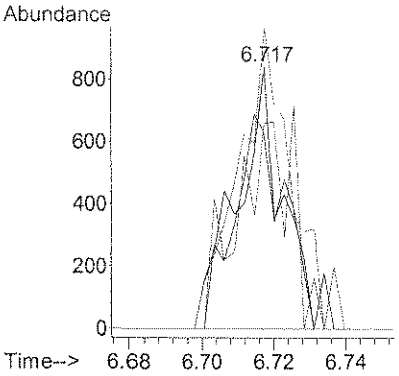


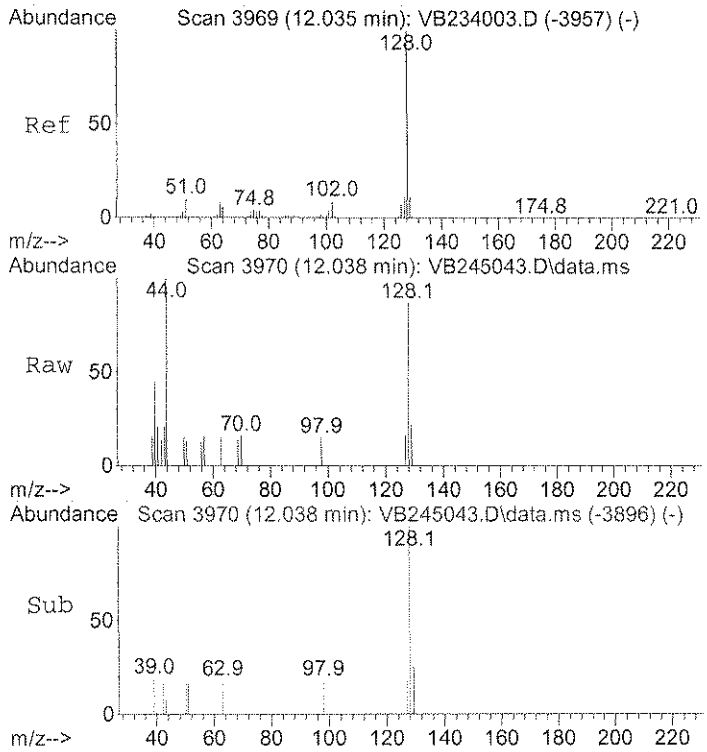


#58
TETRACHLOROETHENE
Concen: 0.21 UG/L
RT: 6.717 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion:164 Resp: 737

Ion	Ratio	Lower	Upper
164	100		
129	95.7	69.0	103.6
131	98.0	70.2	105.4
166	131.3	100.9	151.3

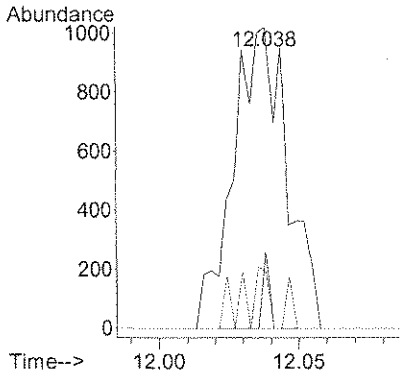




#94
NAPHTHALENE
Concen: 0.13 UG/L
RT: 12.038 min Scan# 3970
Delta R.T. 0.006 min
Lab File: VB245043.D
Acq: 3 Sep 2011 7:50 am

Tgt Ion:128 Resp: 1367

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	9.9	14.9#



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1 - FORM I
ANALYSIS DATA SHEET

PW13-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-03	File ID:	VB245044.D
Sampled:	08/30/11 09:20	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 08:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW13-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-03	File ID:	VB245044.D
Sampled:	08/30/11 09:20	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 08:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-03	File ID:	VB245044.D
Sampled:	08/30/11 09:20	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 08:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	2.6	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-50

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-03	File ID:	VB245044.D
Sampled:	08/30/11 09:20	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 08:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245044.D
Acq On : 3 Sep 2011 8:22 am
Operator :
Sample : 711I0023-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

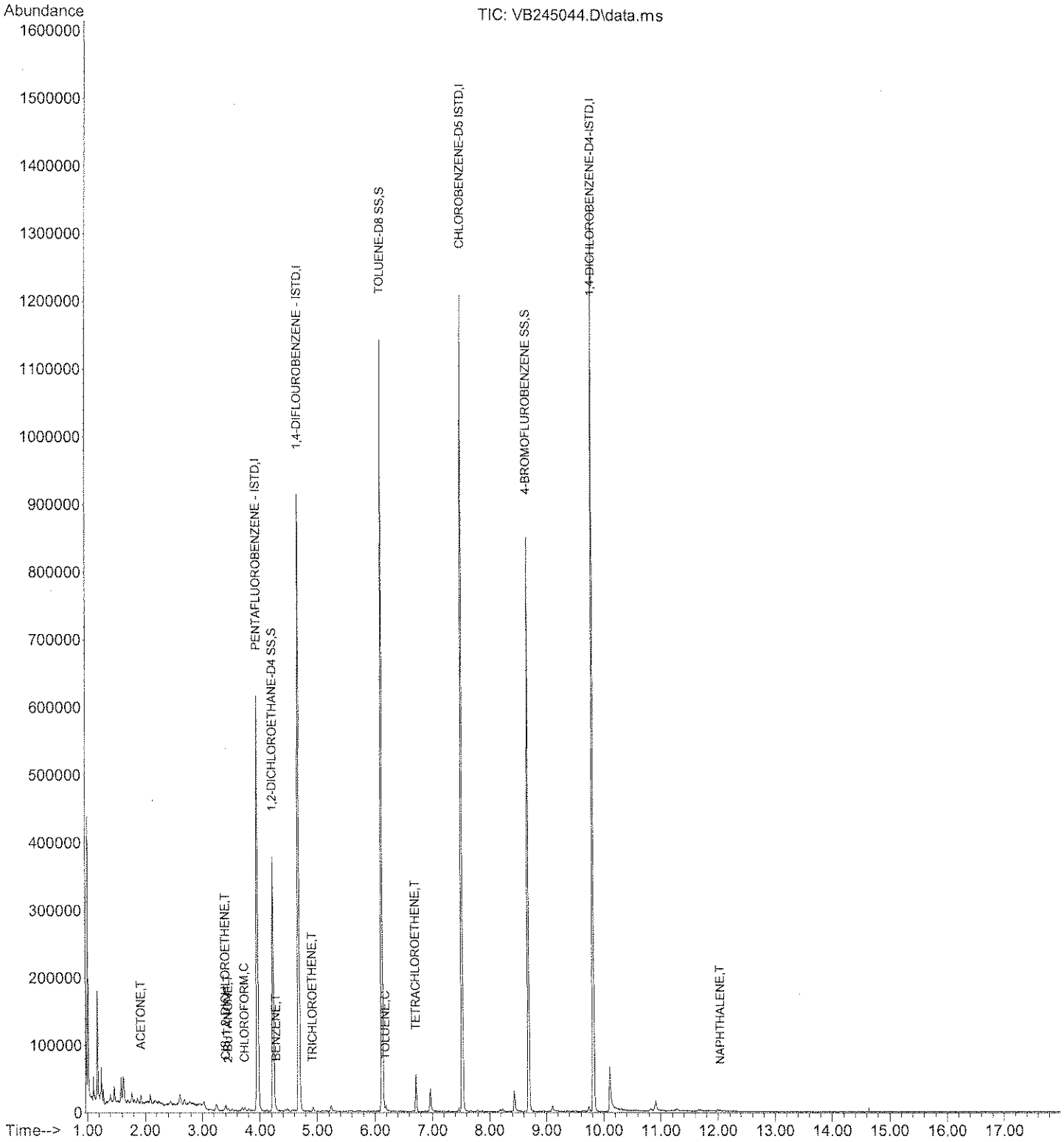
Quant Time: Sep 07 15:11:06 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

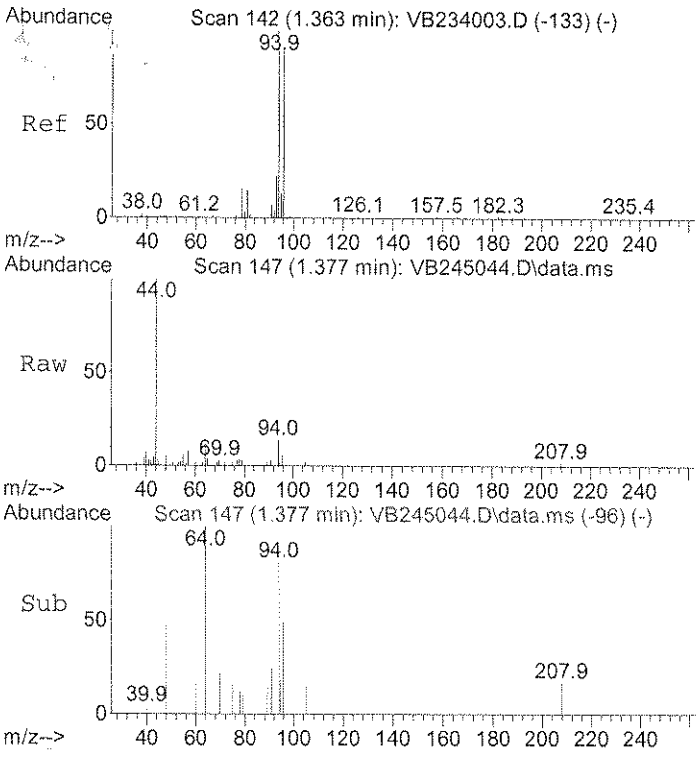
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	349230	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	580330	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	307812	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	268126	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	236342	26.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.60%				
42) TOLUENE-D8 SS	6.126	98	591592	24.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	236043	24.61	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.44%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.377	94	1474	Below Cal		#	4
13) ACETONE	1.924	43	7064	5.17	UG/L		99
27) 2-BUTANONE	3.449	43	4825	1.56	UG/L	#	74
29) CIS-1,2-DICHLOROETHENE	3.410	61	3456	0.33	UG/L		95
34) CHLOROFORM	3.736	83	3294	0.35	UG/L	#	41
39) BENZENE	4.283	78	2056	0.10	UG/L	#	52
44) TRICHLOROETHENE	4.927	95	1438	0.28	UG/L		91
53) TOLUENE	6.188	91	4622	0.20	UG/L		88
58) TETRACHLOROETHENE	6.715	164	9311	2.57	UG/L		97
94) NAPHTHALENE	12.038	128	1481	0.14	UG/L	#	70

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

Data Path : W:\1\DATA\090211\
Data File : VB245044.D
Acq On : 3 Sep 2011 8:22 am
Operator :
Sample : 11I0023-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Sep 07 15:11:06 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

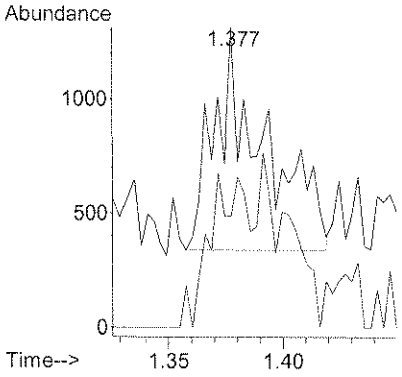


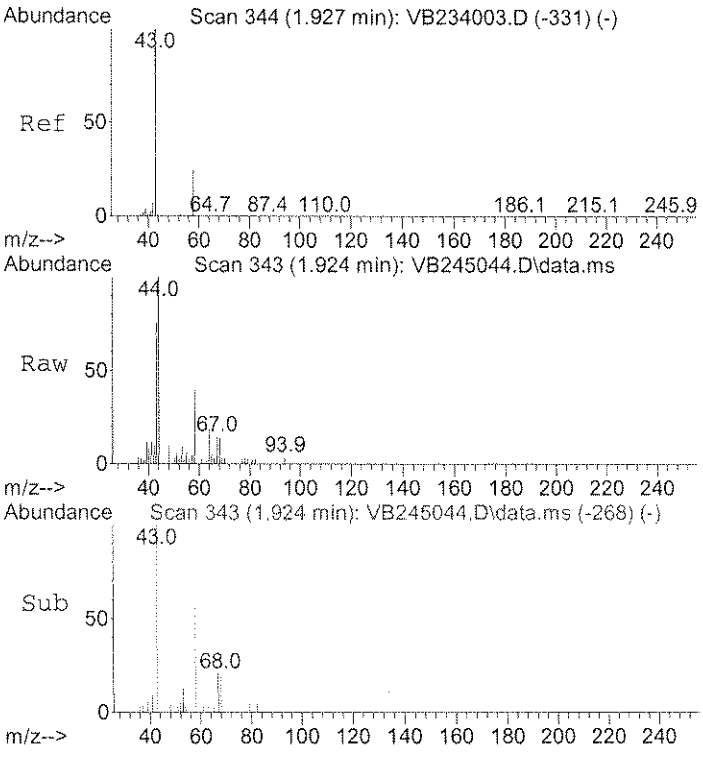


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.377 min Scan# 147
Delta R.T. 0.020 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion: 94 Resp: 1474

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.2#

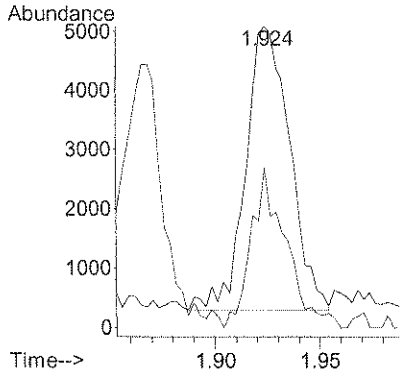


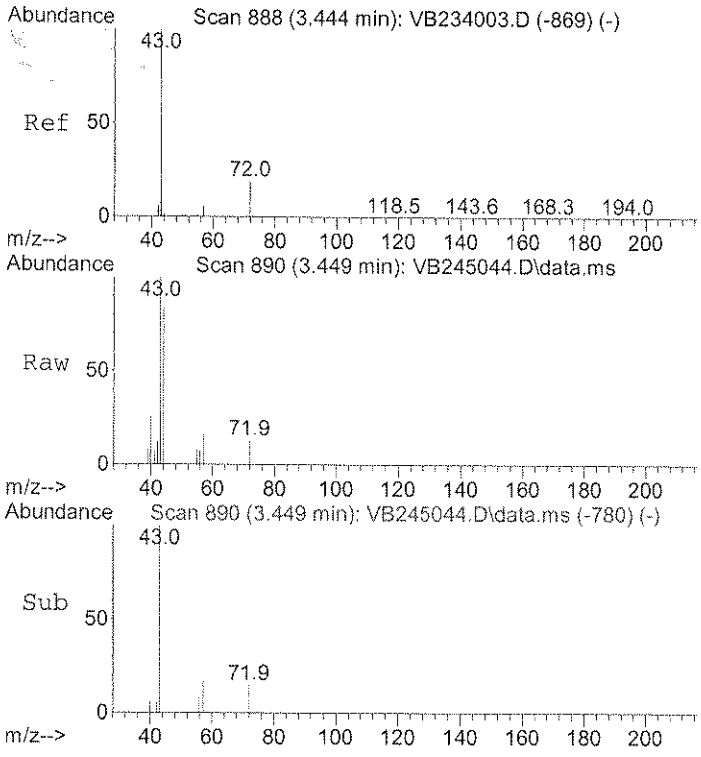


#13
ACETONE
Concen: 5.17 UG/L
RT: 1.924 min Scan# 343
Delta R.T. -0.003 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion: 43 Resp: 7064

Ion	Ratio	Lower	Upper
43	100		
58	44.3	35.9	53.9

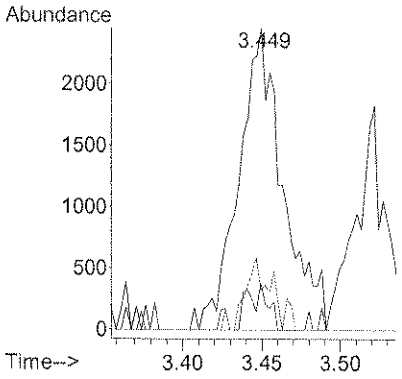


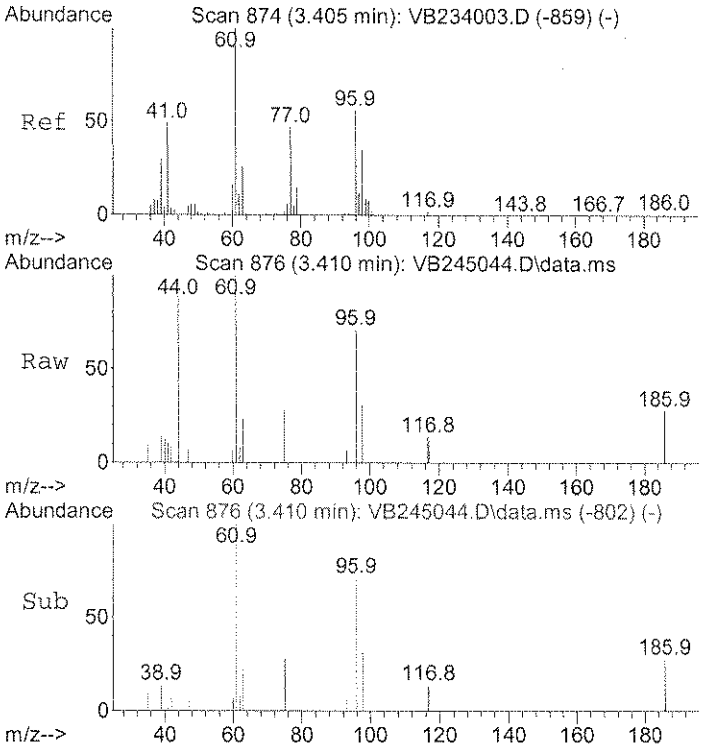


#27
2-BUTANONE
Concen: 1.56 UG/L
RT: 3.449 min Scan# 890
Delta R.T. 0.006 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion: 43 Resp: 4825

Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.8	11.8#
72	12.5	20.6	31.0#

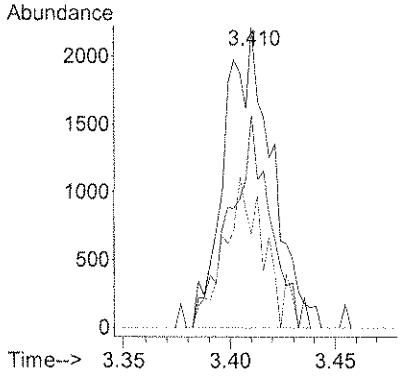


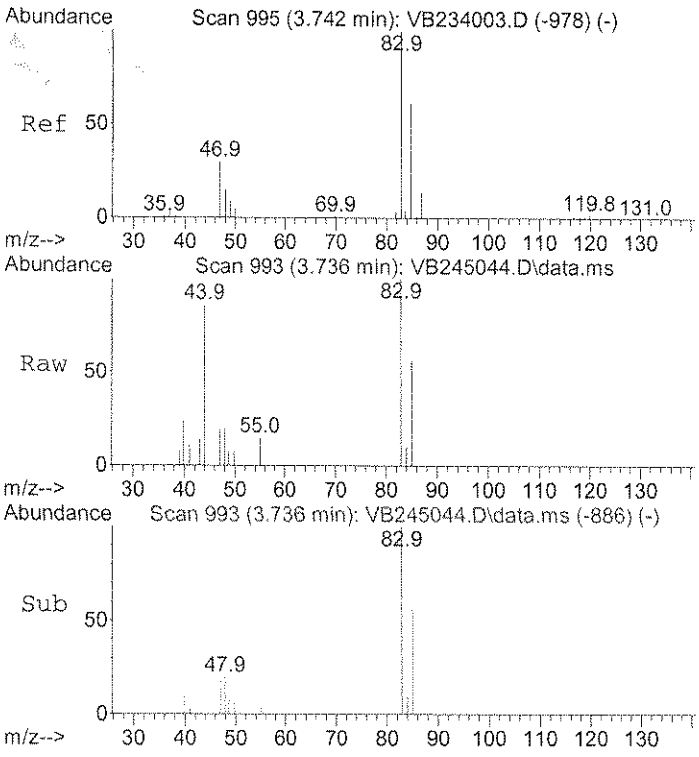


#29
CIS-1,2-DICHLOROETHENE
Concen: 0.33 UG/L
RT: 3.410 min Scan# 876
Delta R.T. 0.006 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion: 61 Resp: 3456

Ion	Ratio	Lower	Upper
61	100		
96	59.9	45.1	67.7
98	39.1	28.9	43.3

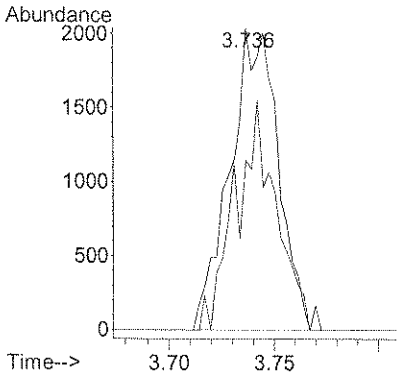


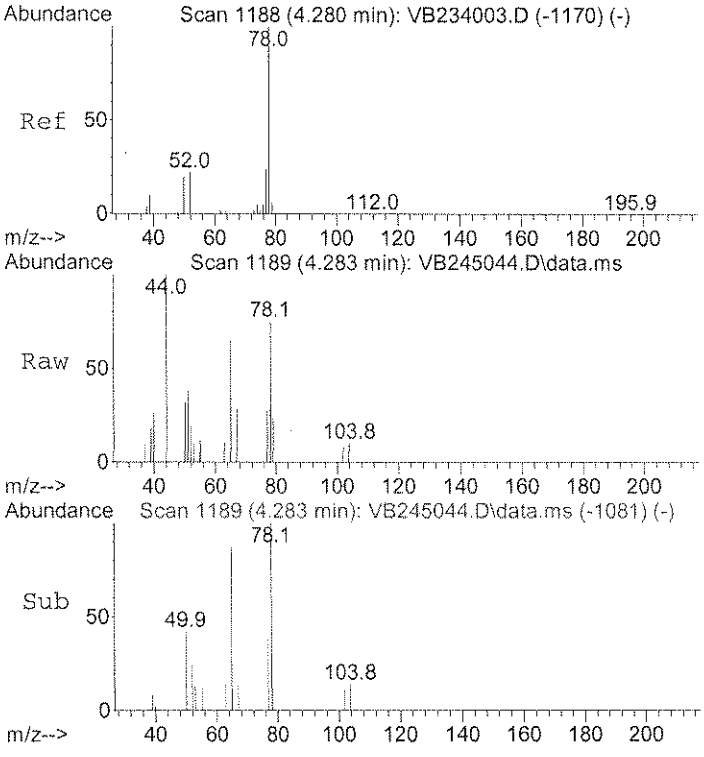


#34
CHLOROFORM
Concen: 0.35 UG/L
RT: 3.736 min Scan# 993
Delta R.T. -0.003 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion: 83 Resp: 3294

Ion	Ratio	Lower	Upper
83	100		
85	18.2	51.6	77.4#

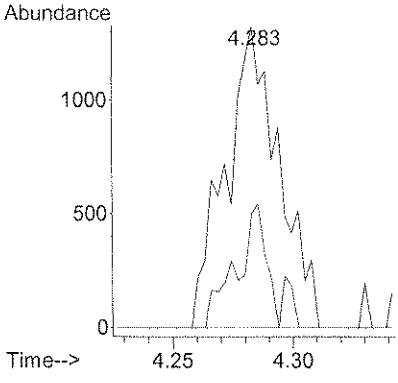


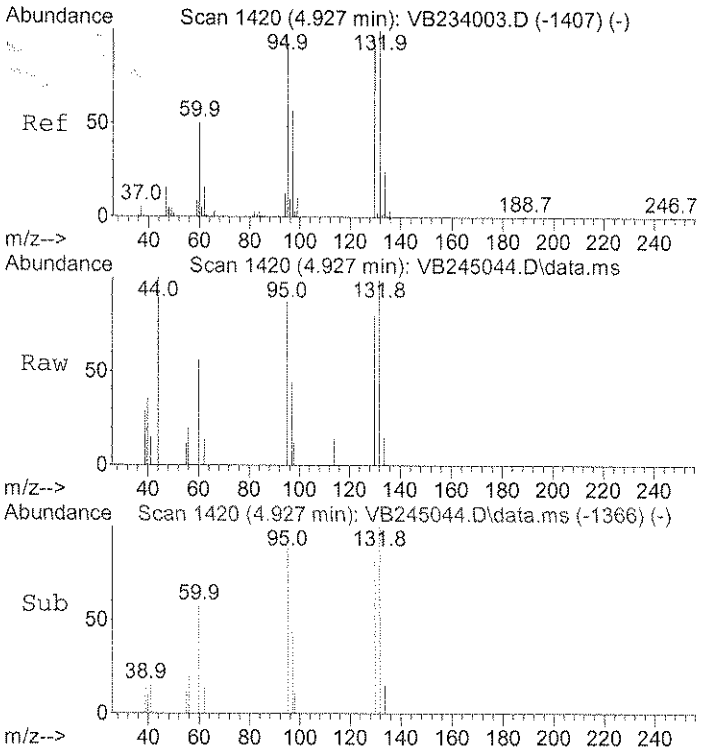


#39
BENZENE
Concen: 0.10 UG/L
RT: 4.283 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion: 78 Resp: 2056

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.6	27.8#

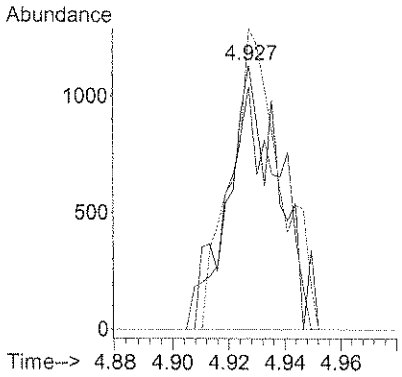


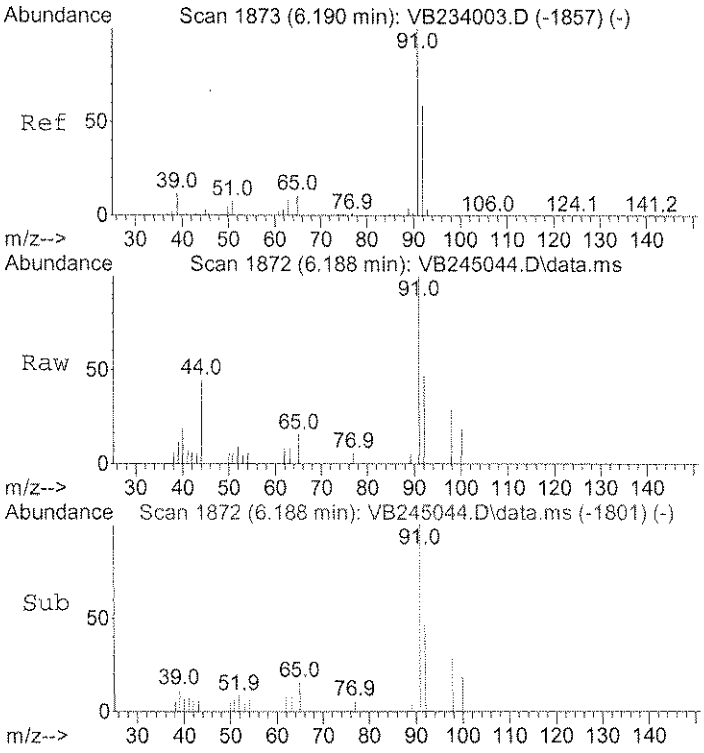


#44
TRICHLOROETHENE
Concen: 0.28 UG/L
RT: 4.927 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion: 95 Resp: 1438

Ion	Ratio	Lower	Upper
95	100		
130	95.1	74.5	111.7
132	110.9	76.8	115.2

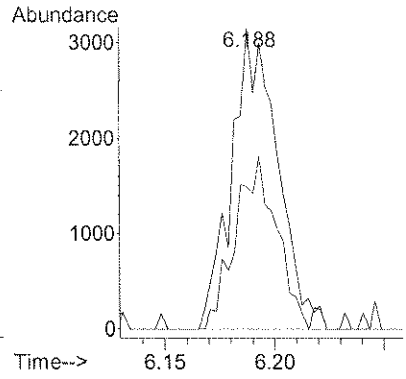


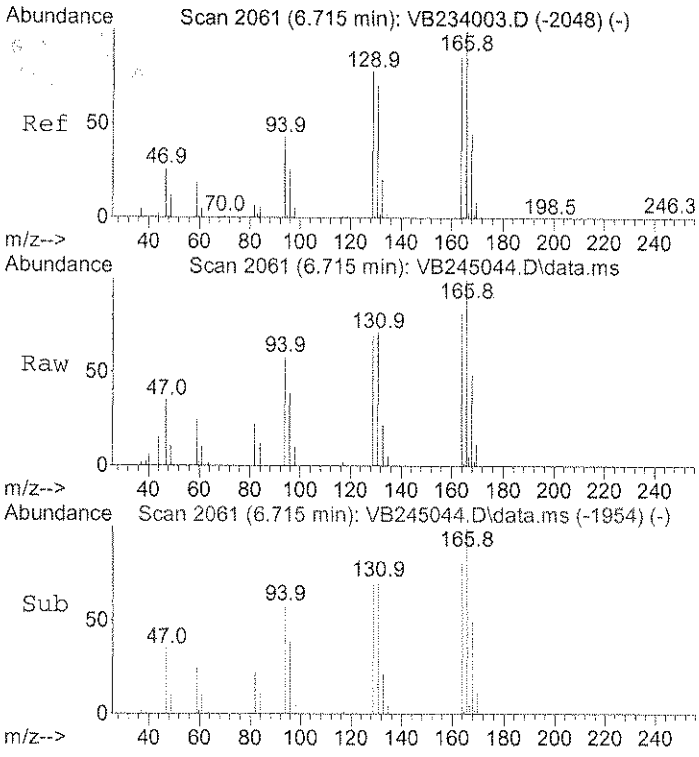


#53
TOLUENE
Concen: 0.20 UG/L
RT: 6.188 min Scan# 1872
Delta R.T. -0.003 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion: 91 Resp: 4622

Ion	Ratio	Lower	Upper
91	100		
92	51.5	48.6	73.0

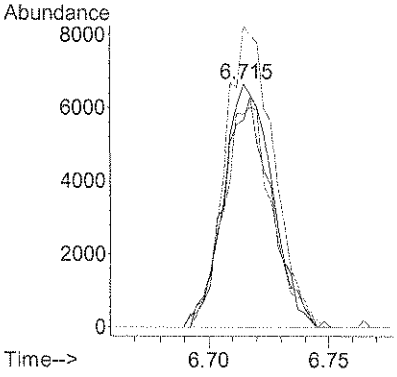


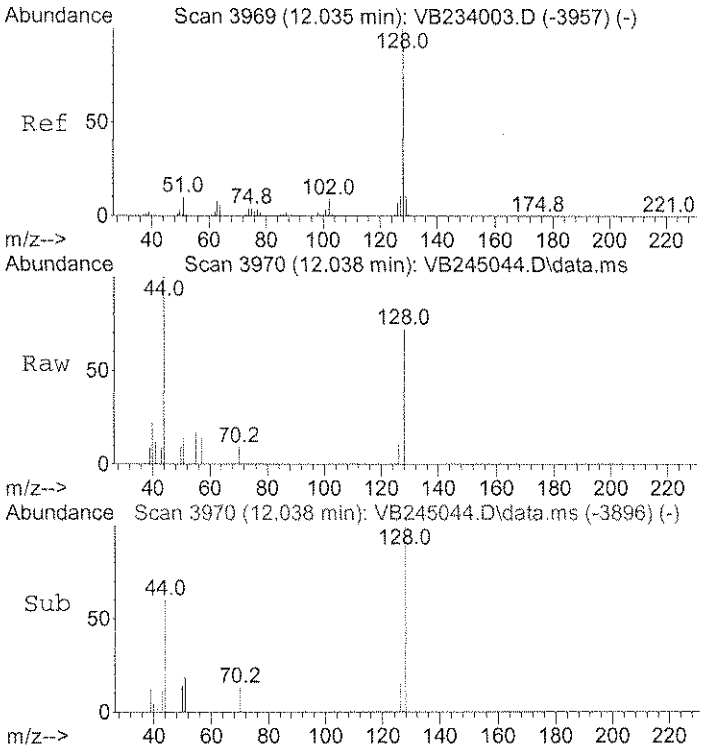


#58
TETRACHLOROETHENE
Concen: 2.57 UG/L
RT: 6.715 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion:164 Resp: 9311

Ion	Ratio	Lower	Upper
164	100		
129	92.9	69.0	103.6
131	90.8	70.2	105.4
166	125.0	100.9	151.3

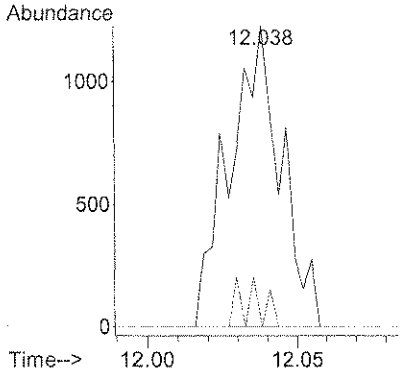




#94
NAPHTHALENE
Concen: 0.14 UG/L
RT: 12.038 min Scan# 3970
Delta R.T. 0.006 min
Lab File: VB245044.D
Acq: 3 Sep 2011 8:22 am

Tgt Ion:128 Resp: 1481

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	9.9	14.9#



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1 - FORM I
ANALYSIS DATA SHEET

PW13-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-04	File ID:	VB245045.D
Sampled:	08/30/11 10:35	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 08:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW13-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-04	File ID:	VB245045.D
Sampled:	08/30/11 10:35	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 08:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05, L-04
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	2.7	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW13-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-04	File ID:	VB245045.D
Sampled:	08/30/11 10:35	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 08:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	9.9	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	3.3	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-75

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-04	File ID:	VB245045.D
Sampled:	08/30/11 10:35	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 08:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245045.D
Acq On : 3 Sep 2011 8:54 am
Operator :
Sample : 1110023-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 07 15:11:46 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

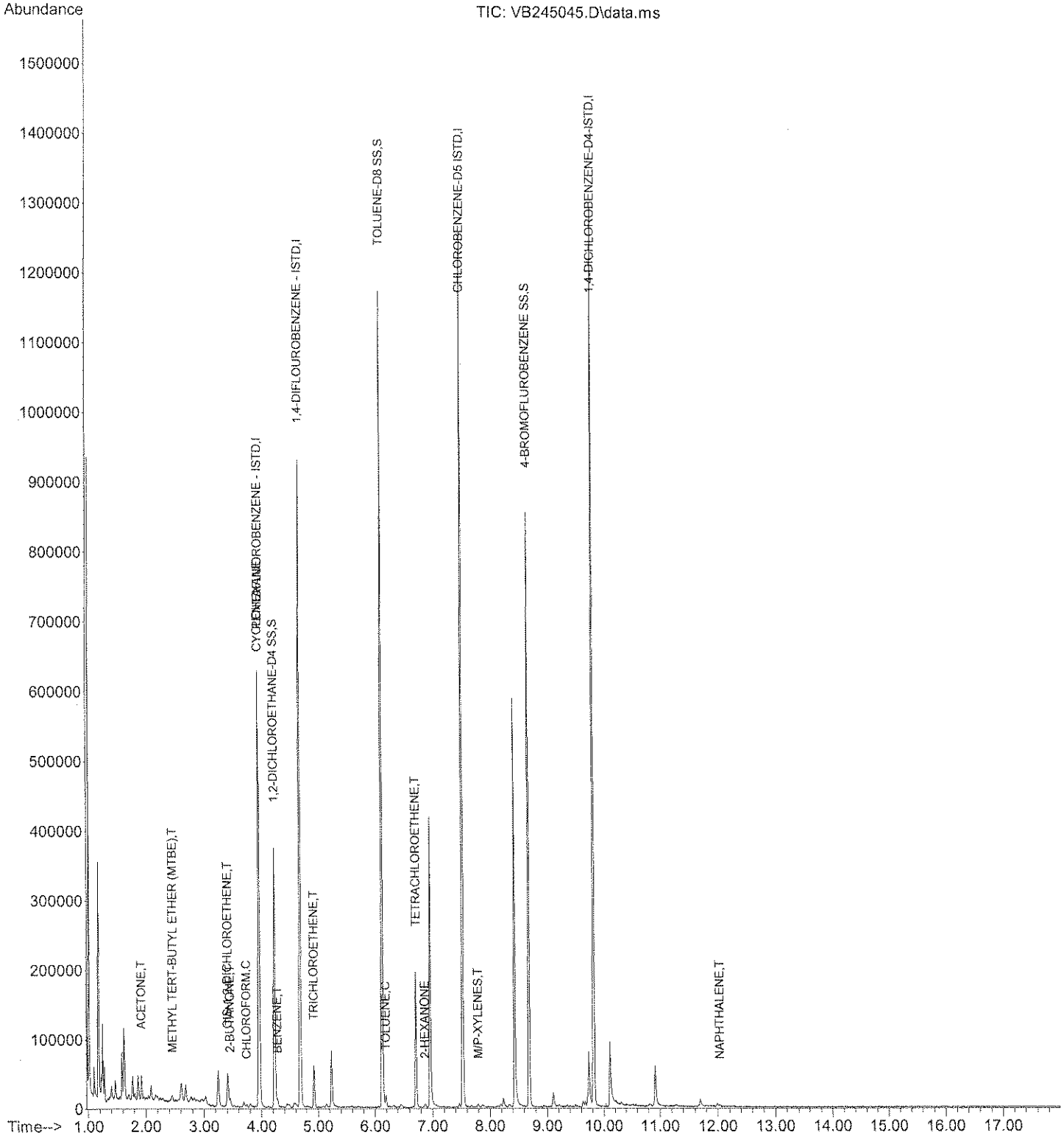
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	352303	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	572178	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	308518	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	269040	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	237228	26.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.08%				
42) TOLUENE-D8 SS	6.126	98	595487	25.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.96%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	235781	24.52	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.08%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.383	94	1104	Below Cal			96
13) ACETONE	1.924	43	23560	17.09	UG/L		99
22) METHYL TERT-BUTYL ETHE...	2.456	73	2241	0.14	UG/L	#	1
27) 2-BUTANONE	3.449	43	15370	4.92	UG/L		94
29) CIS-1,2-DICHLOROETHENE	3.410	61	27998	2.68	UG/L		100
34) CHLOROFORM	3.736	83	2343	0.24	UG/L		98
36) CYCLOHEXANE	3.959	56	10435m	1.13	UG/L		
39) BENZENE	4.283	78	6117	0.30	UG/L		92
44) TRICHLOROETHENE	4.930	95	16740	3.30	UG/L		92
53) TOLUENE	6.190	91	9068	0.40	UG/L		98
57) 2-HEXANONE	6.871	43	3106m	0.66	UG/L		
58) TETRACHLOROETHENE	6.717	164	35206	9.87	UG/L		95
67) M/P-XYLENES	7.797	91	2415	0.13	UG/L		92
94) NAPHTHALENE	12.035	128	1688	0.16	UG/L	#	70

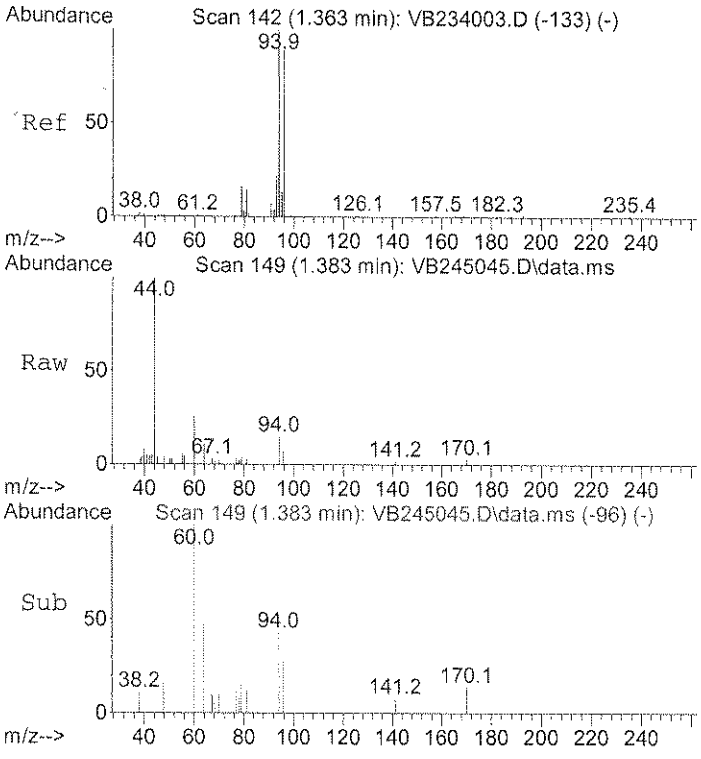
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245045.D
Acq On : 3 Sep 2011 8:54 am
Operator :
Sample : 11I0023-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 07 15:11:46 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

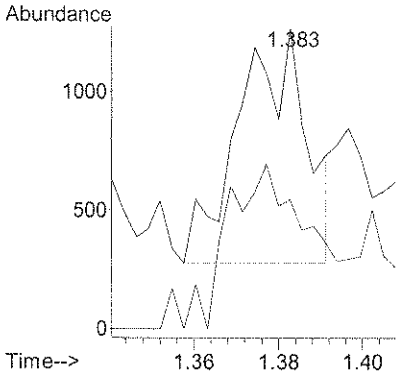


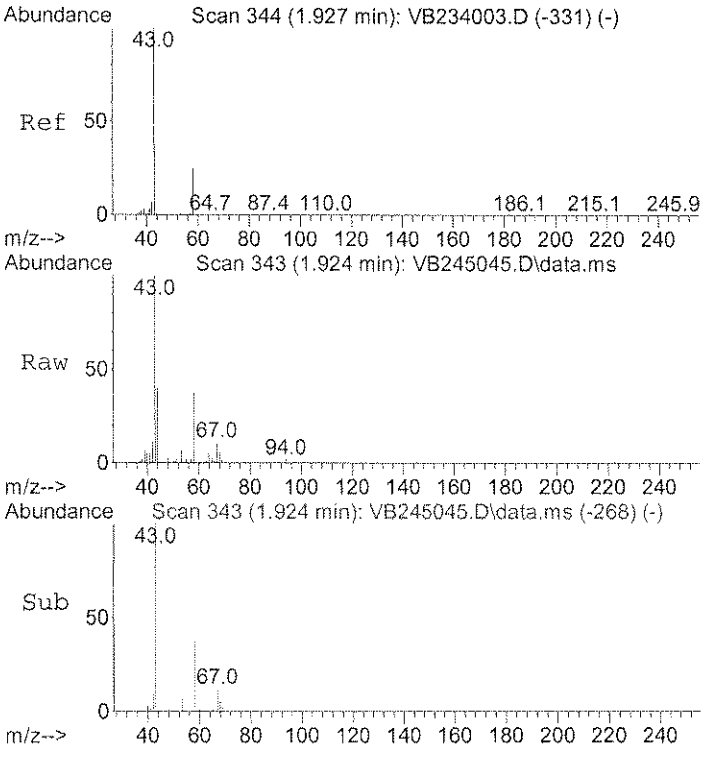


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.383 min Scan# 149
Delta R.T. 0.026 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 94 Resp: 1104

Ion	Ratio	Lower	Upper
94	100		
96	88.1	73.4	110.2

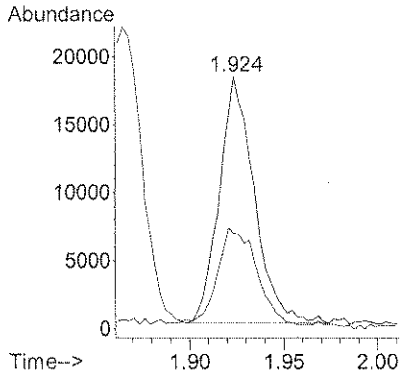


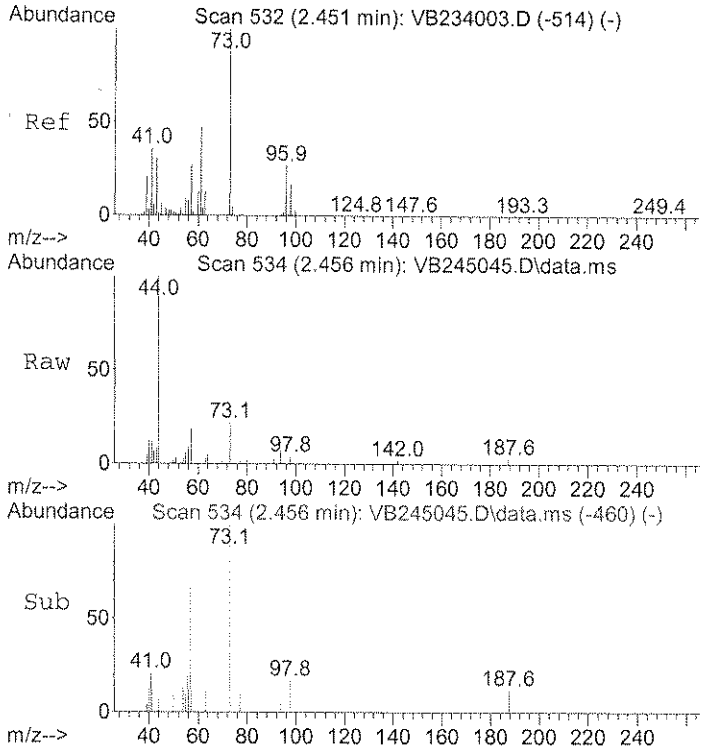


#13
ACETONE
Concen: 17.09 UG/L
RT: 1.924 min Scan# 343
Delta R.T. -0.003 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 43 Resp: 23560

Ion	Ratio	Lower	Upper
43	100		
58	44.0	35.9	53.9

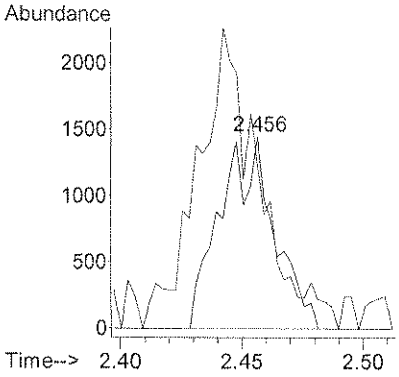


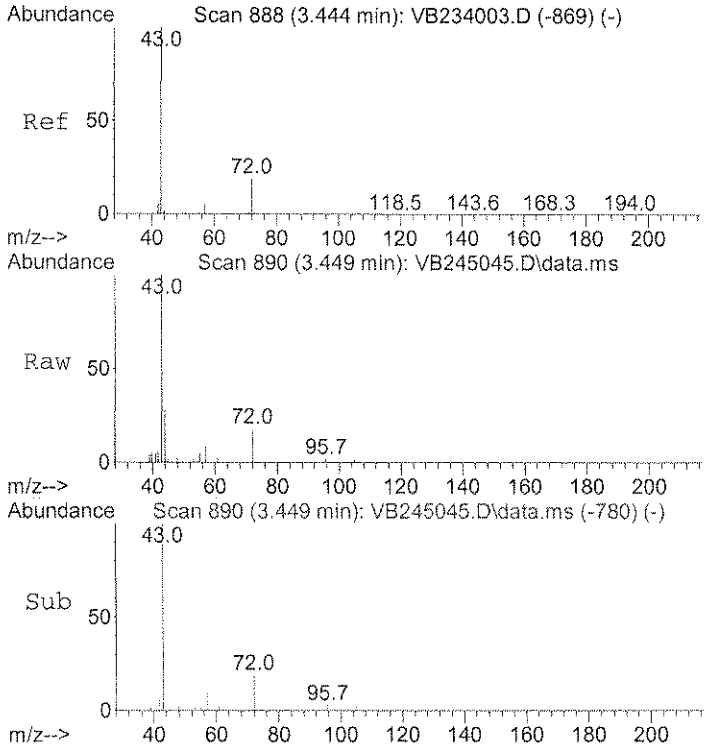


#22
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.14 UG/L
RT: 2.456 min Scan# 534
Delta R.T. 0.005 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 73 Resp: 2241

Ion	Ratio	Lower	Upper
73	100		
57	176.8	17.6	26.4#

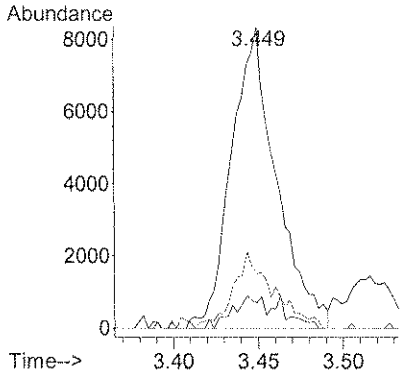


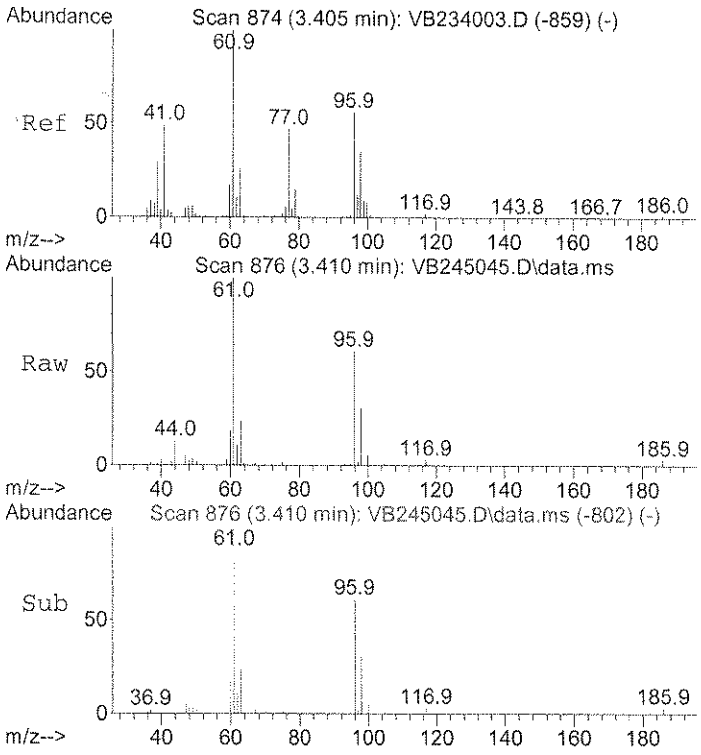


#27
2-BUTANONE
Concen: 4.92 UG/L
RT: 3.449 min Scan# 890
Delta R.T. 0.006 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 43 Resp: 15370

Ion	Ratio	Lower	Upper
43	100		
57	8.4	7.8	11.8
72	22.6	20.6	31.0

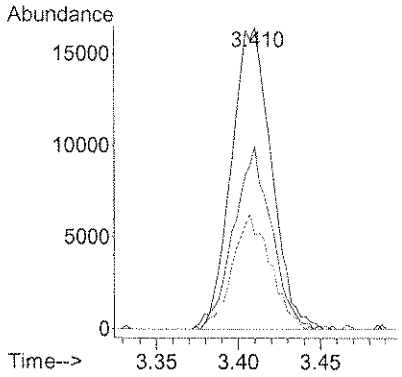


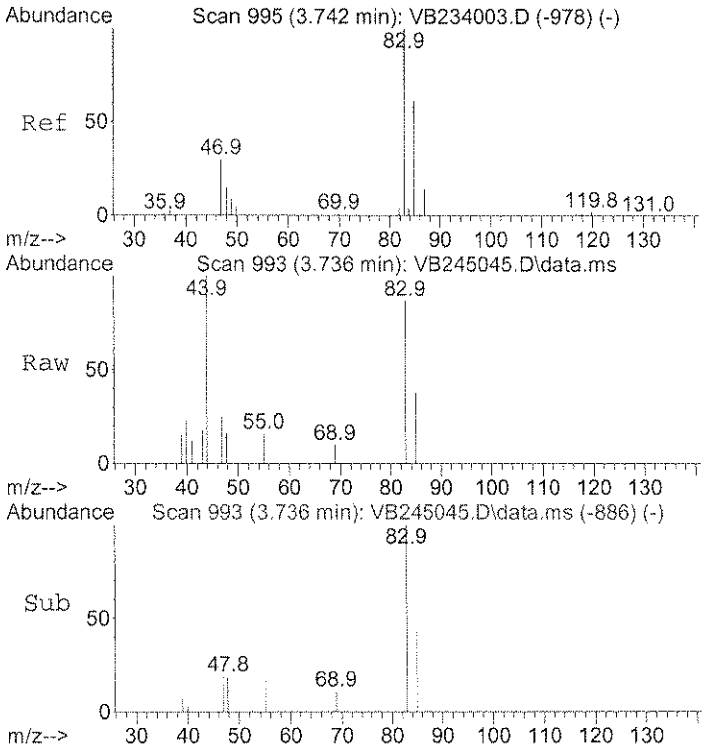


#29
CIS-1,2-DICHLOROETHENE
Concen: 2.68 UG/L
RT: 3.410 min Scan# 876
Delta R.T. 0.005 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 61 Resp: 27998

Ion	Ratio	Lower	Upper
61	100		
96	56.5	45.1	67.7
98	36.0	28.9	43.3

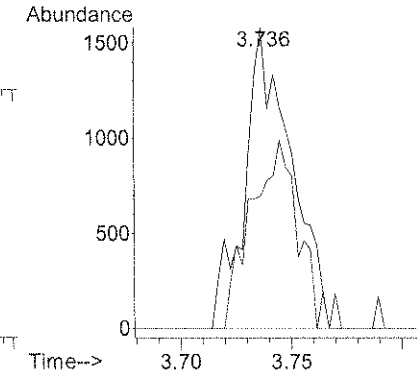


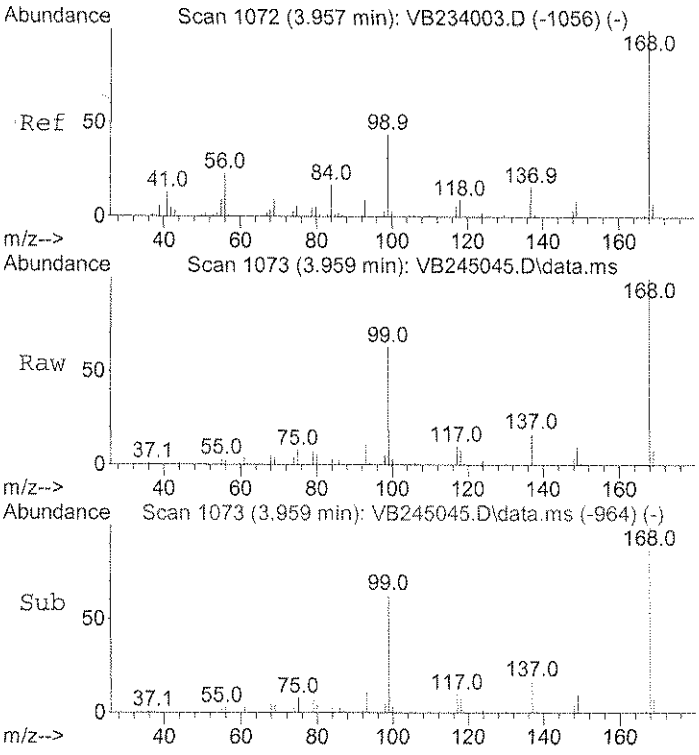


#34
CHLOROFORM
Concen: 0.24 UG/L
RT: 3.736 min Scan# 993
Delta R.T. -0.003 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 83 Resp: 2343

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.6	77.4

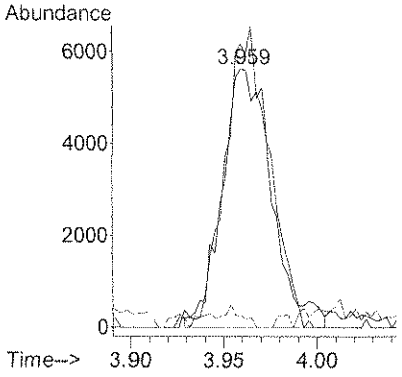


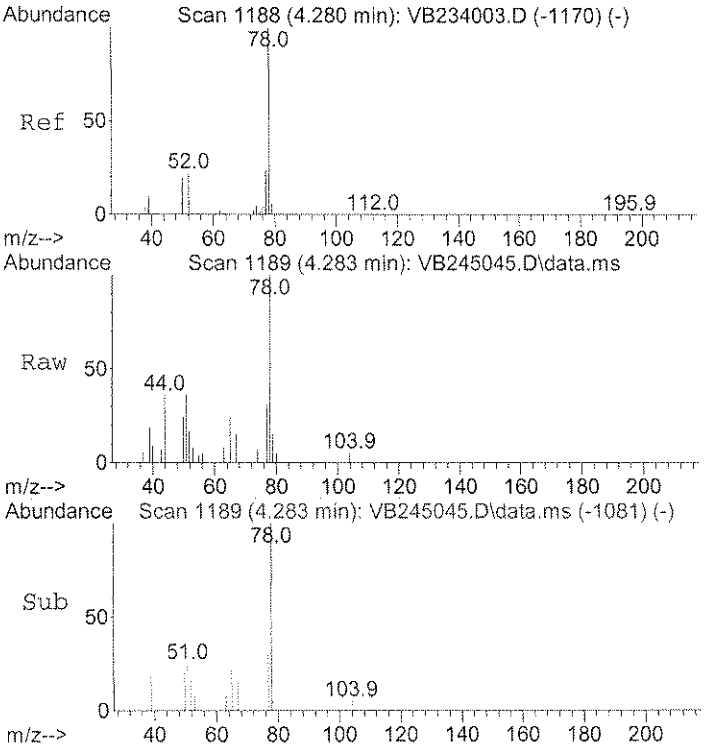


#36
CYCLOHEXANE
Concen: 1.13 UG/L m
RT: 3.959 min Scan# 1073
Delta R.T. 0.003 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 56 Resp: 10435

Ion	Ratio	Lower	Upper
56	100		
84	0.0	52.8	79.2#
41	0.0	35.4	53.2#

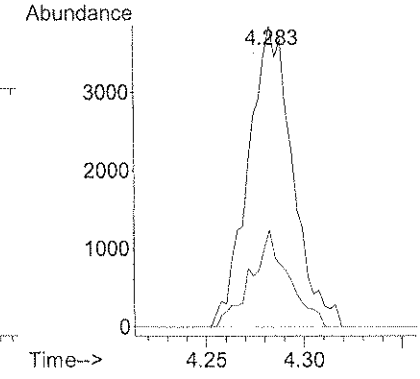


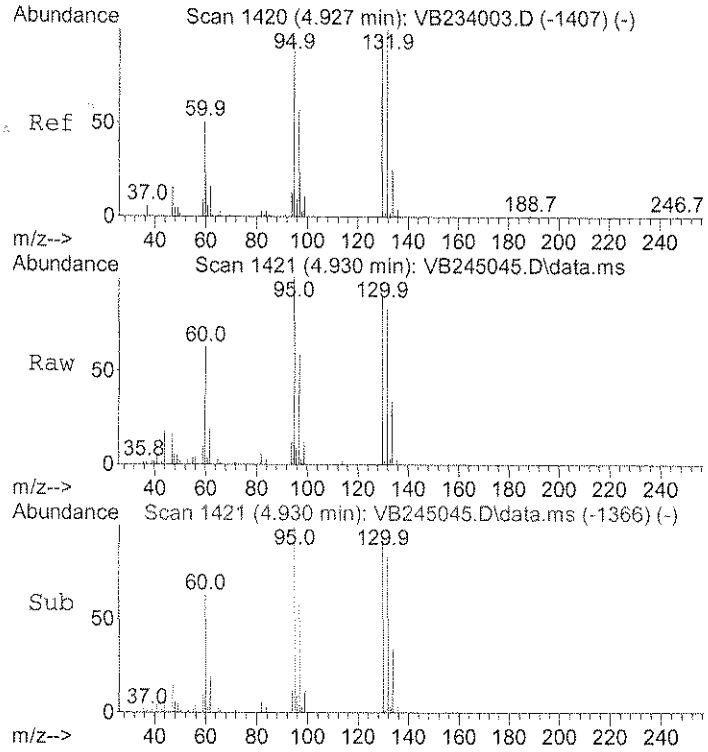


#39
BENZENE
Concen: 0.30 UG/L
RT: 4.283 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 78 Resp: 6117

Ion	Ratio	Lower	Upper
78	100		
77	27.2	18.6	27.8

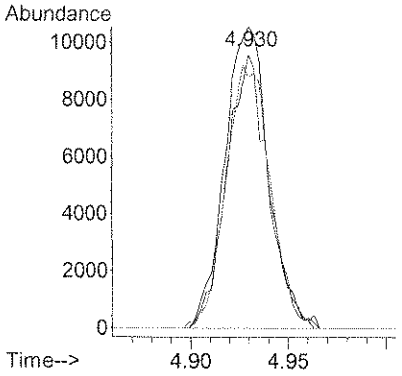


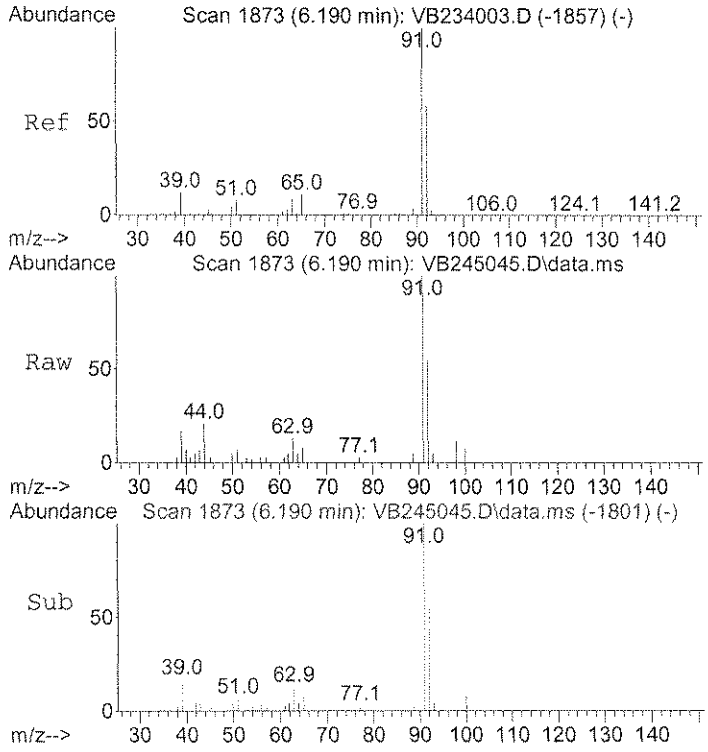


#44
TRICHLOROETHENE
Concen: 3.30 UG/L
RT: 4.930 min Scan# 1421
Delta R.T. 0.003 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 95 Resp: 16740

Ion	Ratio	Lower	Upper
95	100		
130	85.4	74.5	111.7
132	87.9	76.8	115.2

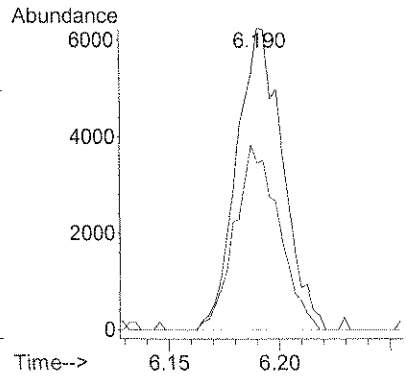


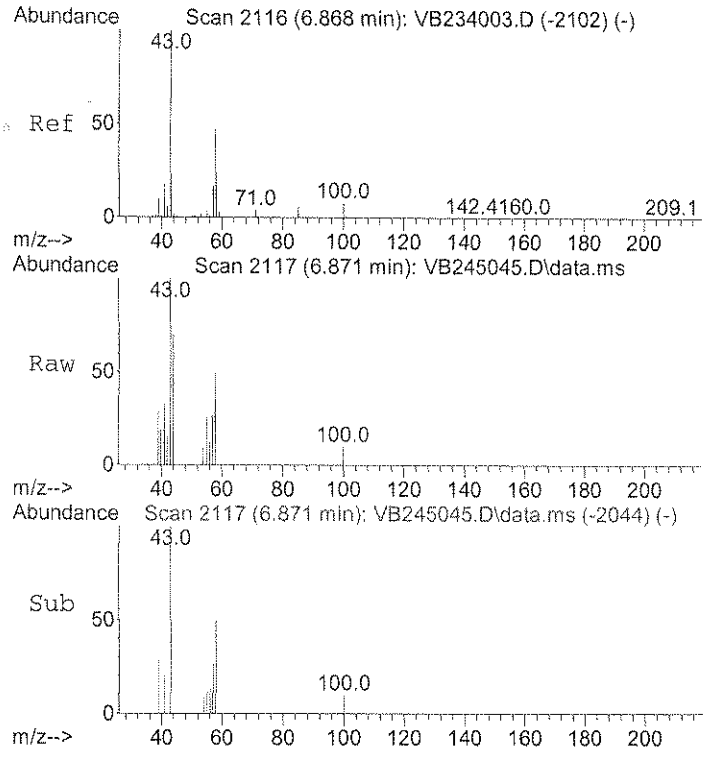


#53
TOLUENE
Concen: 0.40 UG/L
RT: 6.190 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 91 Resp: 9068

Ion	Ratio	Lower	Upper
91	100		
92	58.9	48.6	73.0

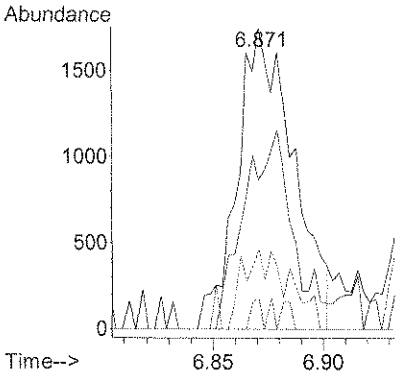


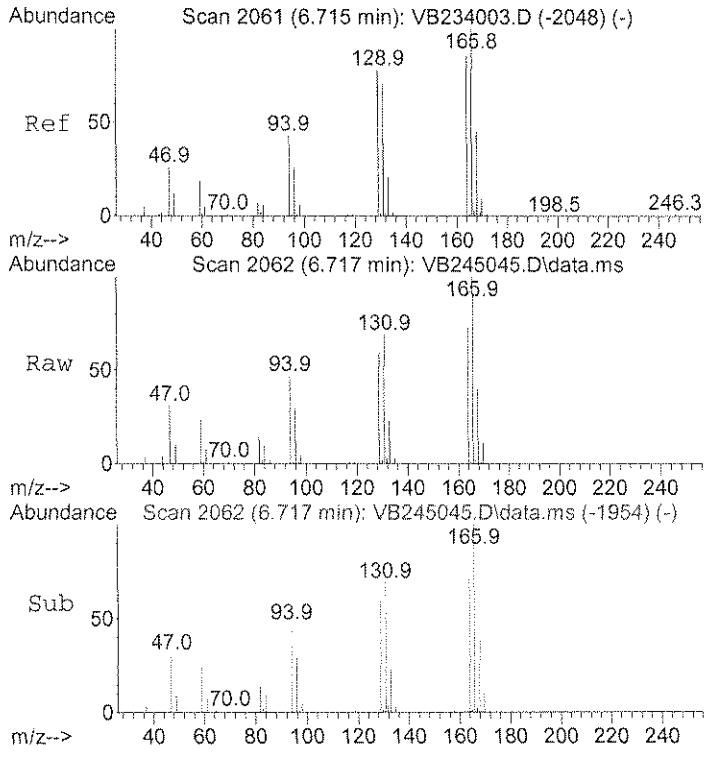


#57
2-HEXANONE
Concen: 0.66 UG/L m
RT: 6.871 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 43 Resp: 3106

Ion	Ratio	Lower	Upper
43	100		
58	0.0	63.2	94.8#
57	0.0	21.5	32.3#
100	0.0	13.4	20.2#

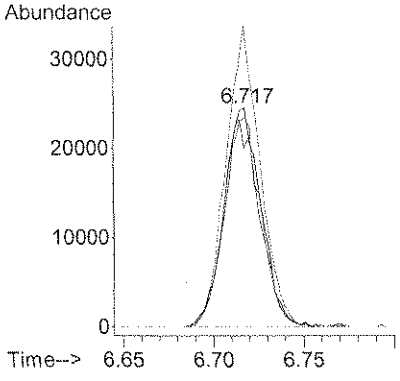


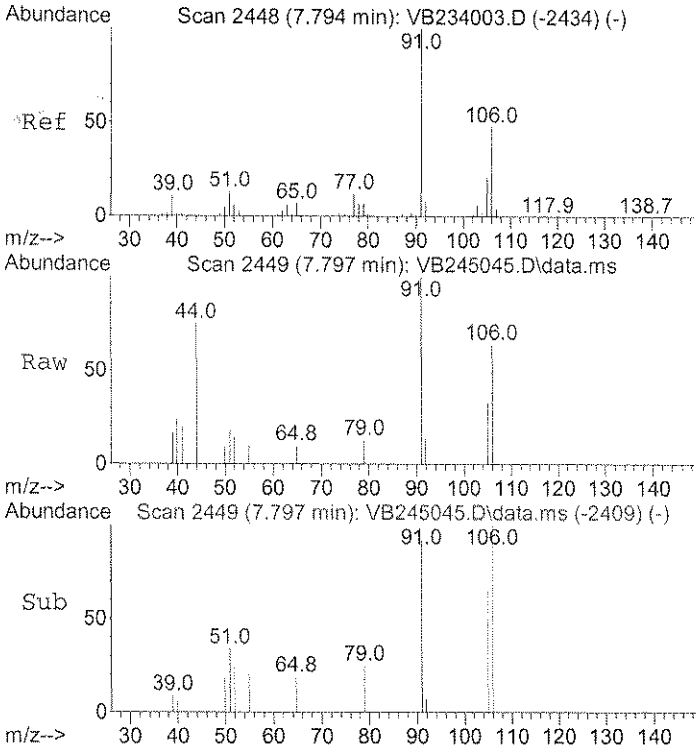


#58
TETRACHLOROETHENE
Concen: 9.87 UG/L
RT: 6.717 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion:164 Resp: 35206

Ion	Ratio	Lower	Upper
164	100		
129	92.3	69.0	103.6
131	95.0	70.2	105.4
166	127.3	100.9	151.3

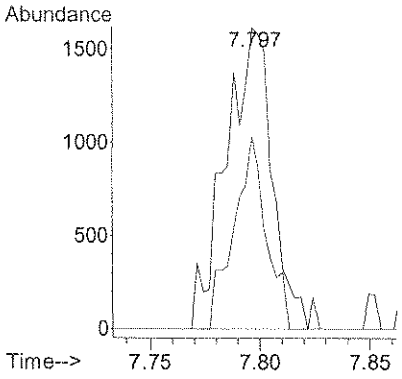


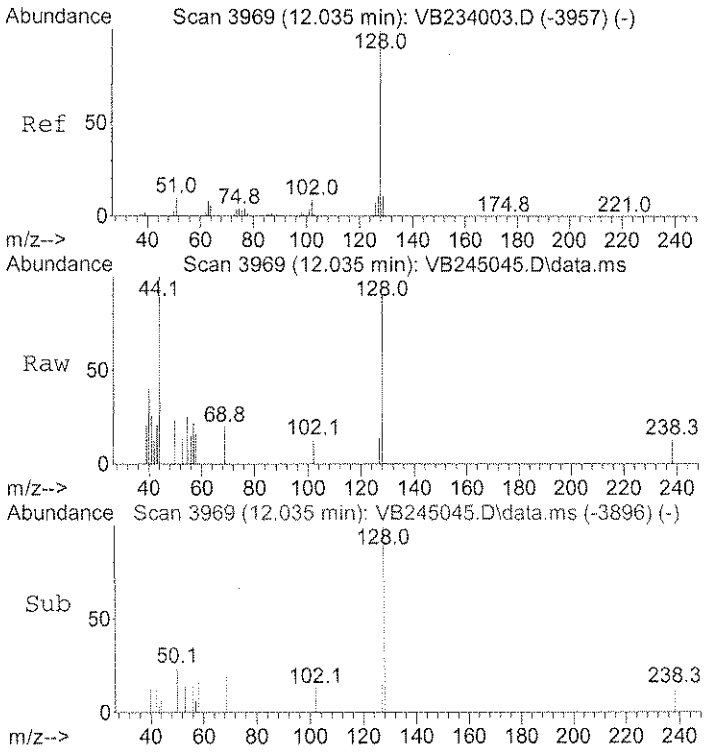


#67
M/P-XYLENES
Concen: 0.13 UG/L
RT: 7.797 min Scan# 2449
Delta R.T. 0.003 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion: 91 Resp: 2415

Ion	Ratio	Lower	Upper
91	100		
106	44.4	39.8	59.8

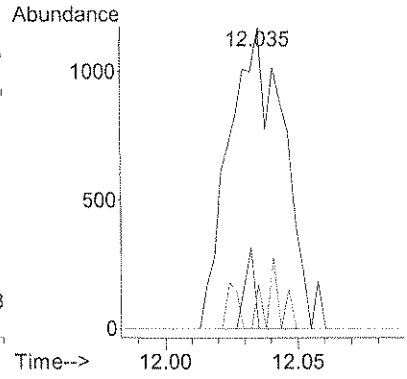




#94
NAPHTHALENE
Concen: 0.16 UG/L
RT: 12.035 min Scan# 3969
Delta R.T. 0.003 min
Lab File: VB245045.D
Acq: 3 Sep 2011 8:54 am

Tgt Ion:128 Resp: 1688

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	9.9	14.9#



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

1 - FORM I
ANALYSIS DATA SHEET

PW13-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-05	File ID:	VB245046.D
Sampled:	08/30/11 12:35	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 09:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW13-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-05	File ID:	VB245046.D
Sampled:	08/30/11 12:35	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 09:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.8	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-05	File ID:	VB245046.D
Sampled:	08/30/11 12:35	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 09:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	6.6	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	3.8	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-05	File ID:	VB245046.D
Sampled:	08/30/11 12:35	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 09:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245046.D
Acq On : 3 Sep 2011 9:26 am
Operator :
Sample : 11I0023-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

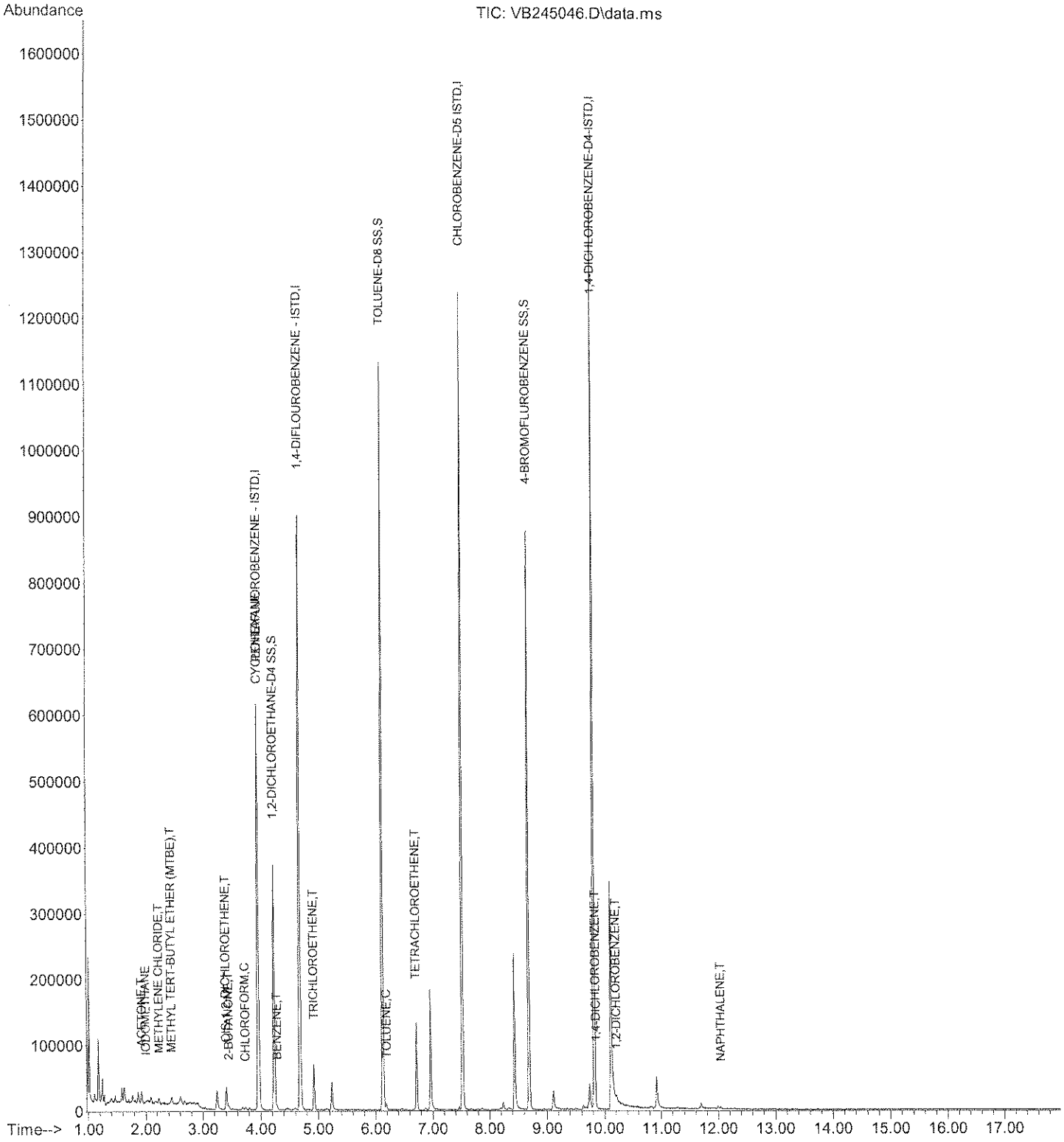
Quant Time: Sep 07 15:12:19 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

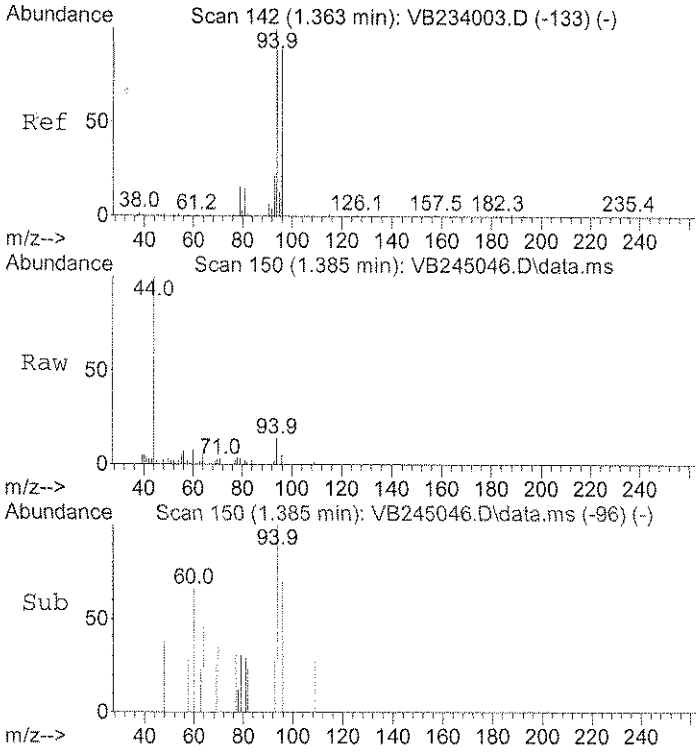
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	351021	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	576344	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	306302	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	267855	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	238650	26.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.12%				
42) TOLUENE-D8 SS	6.129	98	589807	25.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	238687	25.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.385	94	1084	Below Cal		#	80
13) ACETONE	1.926	43	11529	8.40	UG/L		93
16) IODOMETHANE	2.005	142	4501	0.68	UG/L	#	68
20) METHYLENE CHLORIDE	2.233	49	3606	0.53	UG/L		87
22) METHYL TERT-BUTYL ETHE...	2.451	73	5849	0.37	UG/L	#	37
27) 2-BUTANONE	3.449	43	7849	2.52	UG/L	#	83
29) CIS-1,2-DICHLOROETHENE	3.404	61	19275	1.85	UG/L		99
34) CHLOROFORM	3.736	83	2898	0.30	UG/L		95
36) CYCLOHEXANE	3.959	56	9896	1.07	UG/L	#	39
39) BENZENE	4.286	78	2938	0.14	UG/L	#	52
44) TRICHLOROETHENE	4.930	95	19187	3.75	UG/L		93
53) TOLUENE	6.193	91	4645	0.20	UG/L		87
58) TETRACHLOROETHENE	6.715	164	23631	6.58	UG/L		96
87) 1,4-DICHLOROBENZENE	9.849	146	1489	0.14	UG/L	#	25
89) 1,2-DICHLOROBENZENE	10.206	146	1574	0.16	UG/L	#	87
94) NAPHTHALENE	12.038	128	1502	0.14	UG/L	#	70

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

Data Path : W:\1\DATA\090211\
Data File : VB245046.D
Acq On : 3 Sep 2011 9:26 am
Operator :
Sample : 11I0023-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Sep 07 15:12:19 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

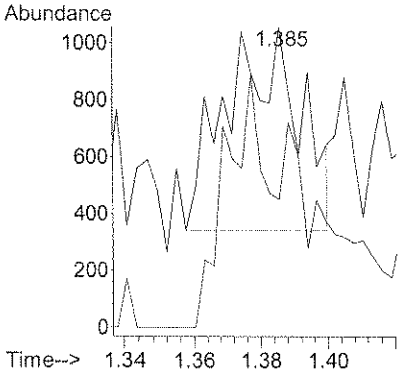


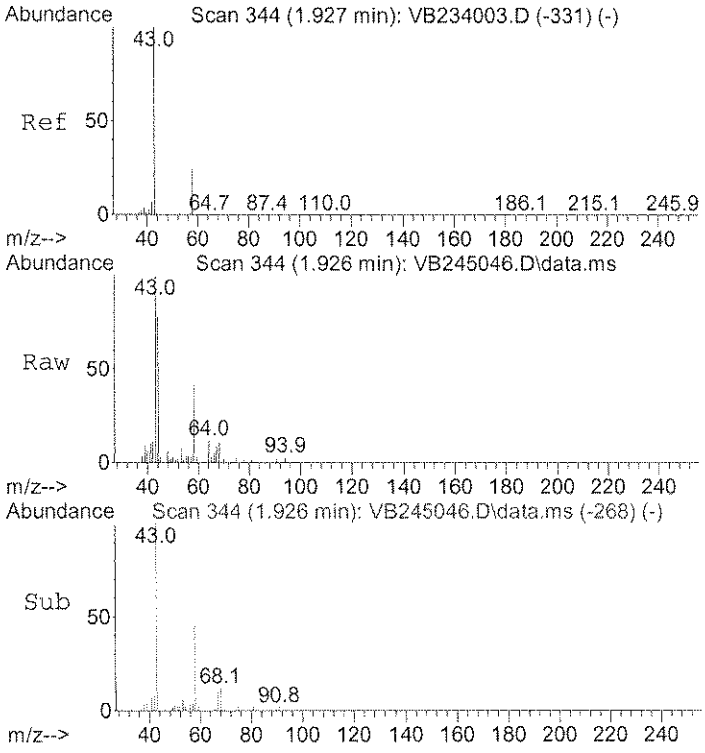


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.385 min Scan# 150
Delta R.T. 0.028 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 94 Resp: 1084

Ion	Ratio	Lower	Upper
94	100		
96	72.5	73.4	110.2#

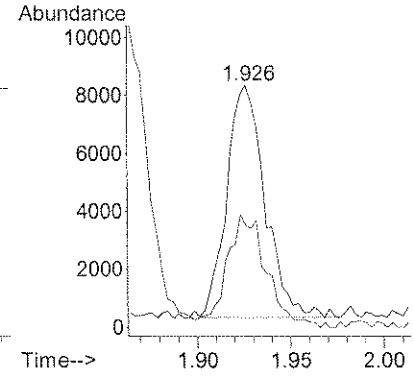


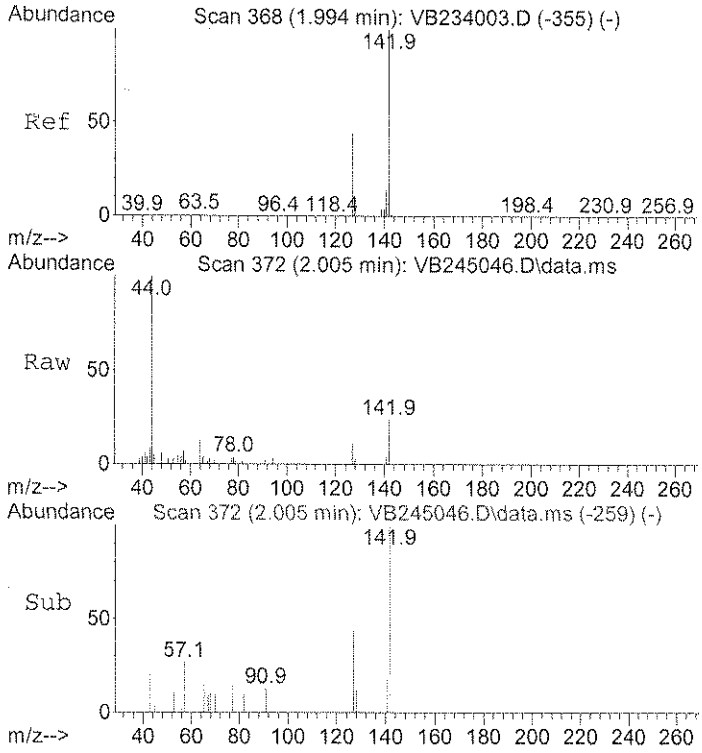


#13
ACETONE
Concen: 8.40 UG/L
RT: 1.926 min Scan# 344
Delta R.T. -0.000 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 43 Resp: 11529

Ion	Ratio	Lower	Upper
43	100		
58	49.7	35.9	53.9

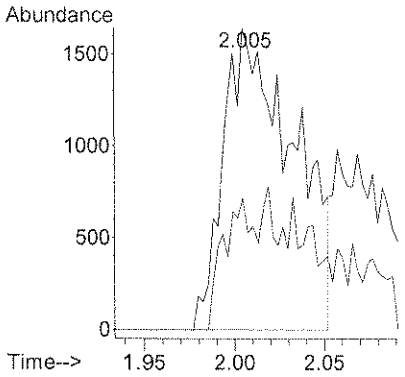


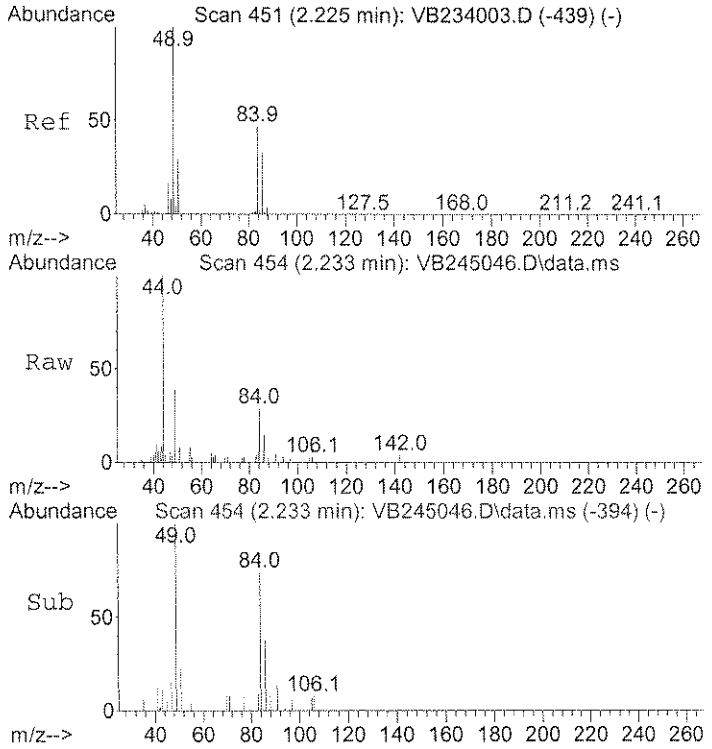


#16
IODOMETHANE
Concen: 0.68 UG/L
RT: 2.005 min Scan# 372
Delta R.T. 0.015 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion:142 Resp: 4501

Ion	Ratio	Lower	Upper
142	100		
127	19.3	30.7	46.1#

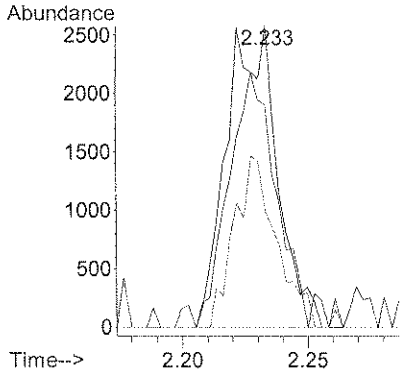


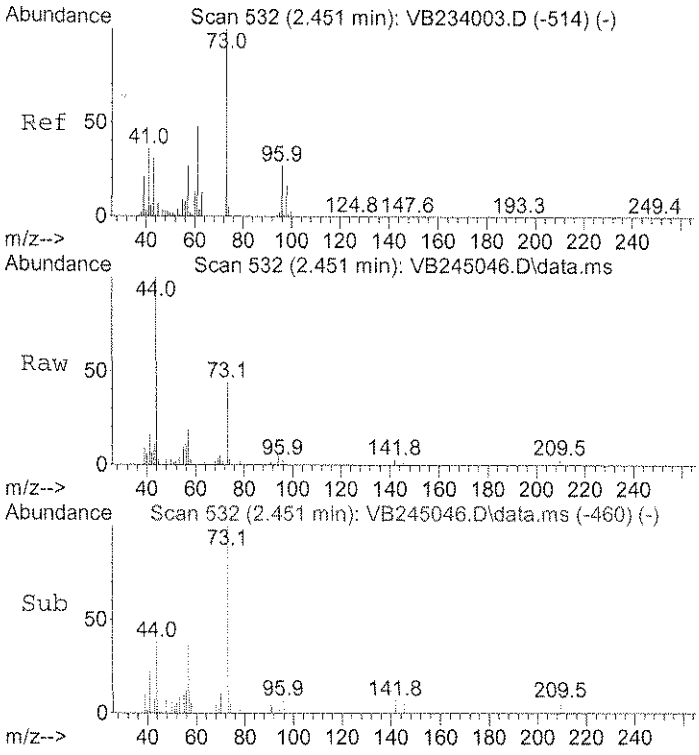


#20
METHYLENE CHLORIDE
Concen: 0.53 UG/L
RT: 2.233 min Scan# 454
Delta R.T. 0.008 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 49 Resp: 3606

Ion	Ratio	Lower	Upper
49	100		
84	79.1	72.5	108.7
86	47.3	46.3	69.5

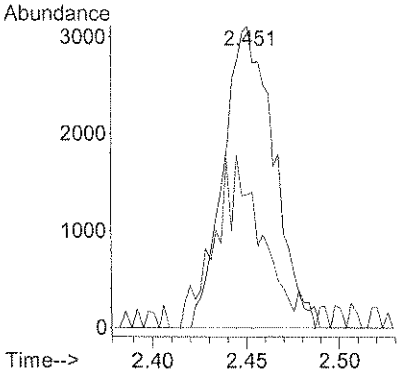


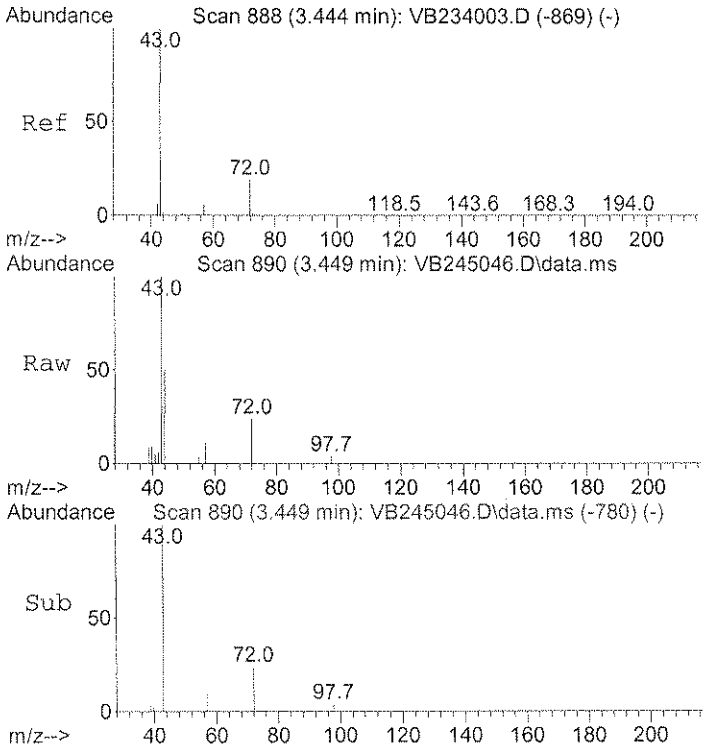


#22
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.37 UG/L
RT: 2.451 min Scan# 532
Delta R.T. -0.000 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 73 Resp: 5849

Ion	Ratio	Lower	Upper
73	100		
57	51.9	17.6	26.4#

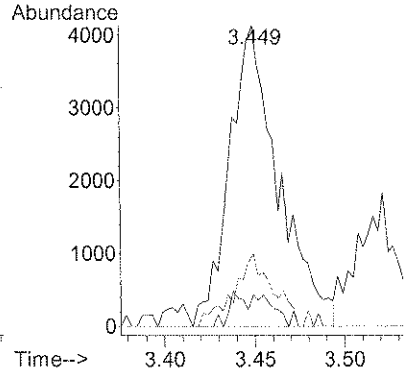


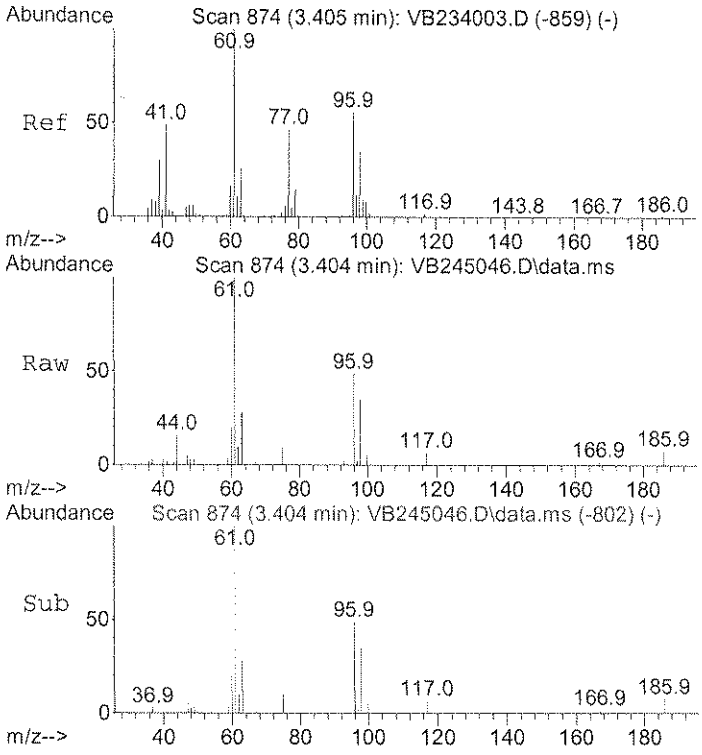


#27
2-BUTANONE
Concen: 2.52 UG/L
RT: 3.449 min Scan# 890
Delta R.T. 0.005 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 43 Resp: 7849

Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.8	11.8#
72	19.3	20.6	31.0#

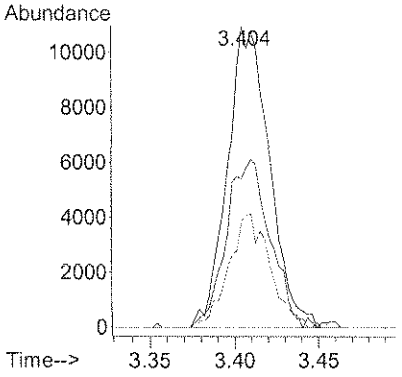


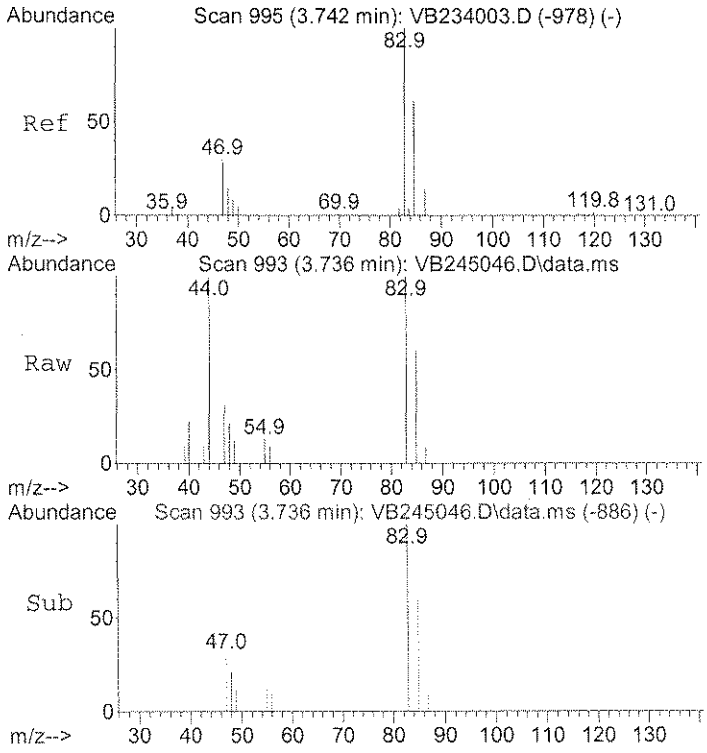


#29
CIS-1,2-DICHLOROETHENE
Concen: 1.85 UG/L
RT: 3.404 min Scan# 874
Delta R.T. -0.000 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 61 Resp: 19275

Ion	Ratio	Lower	Upper
61	100		
96	57.5	45.1	67.7
98	36.3	28.9	43.3

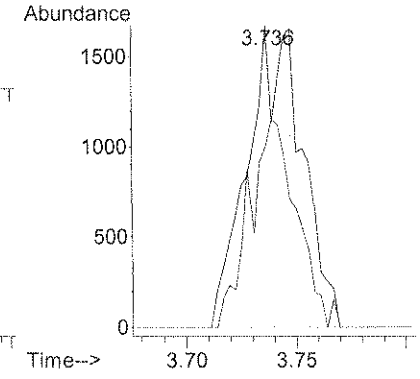


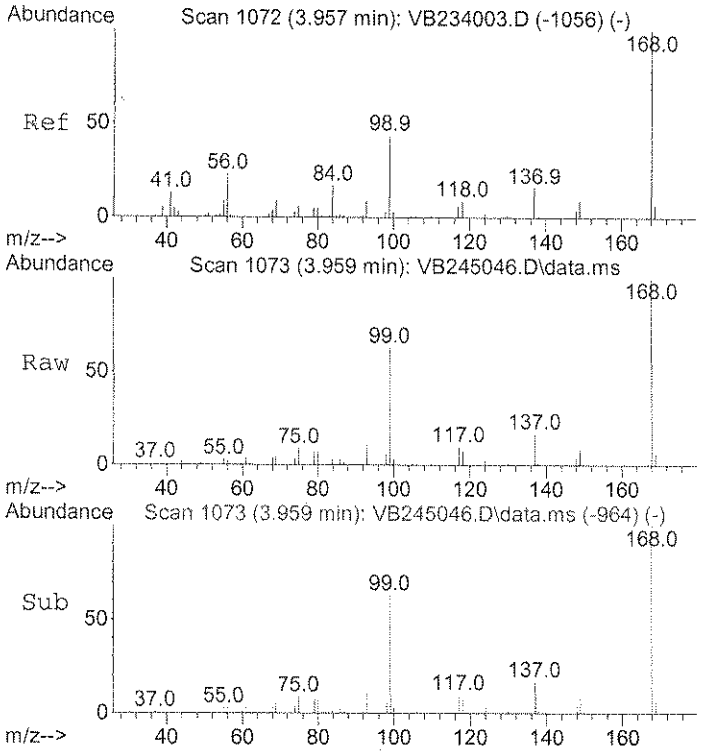


#34
CHLOROFORM
Concen: 0.30 UG/L
RT: 3.736 min Scan# 993
Delta R.T. -0.003 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 83 Resp: 2898

Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.6	77.4

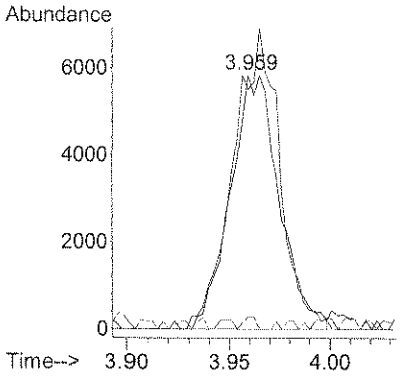


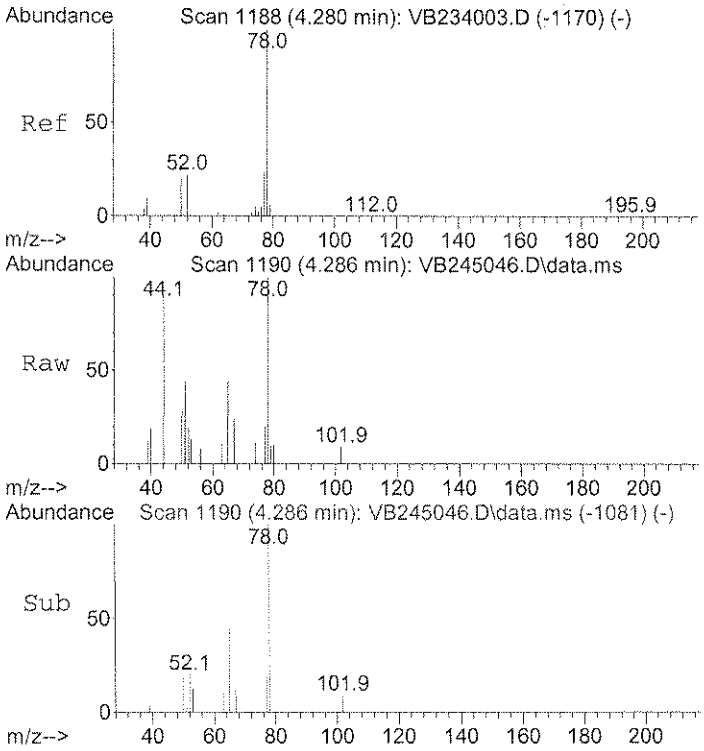


#36
CYCLOHEXANE
Concen: 1.07 UG/L
RT: 3.959 min Scan# 1073
Delta R.T. 0.003 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 56 Resp: 9896

Ion	Ratio	Lower	Upper
56	100		
84	111.9	52.8	79.2#
41	1.2	35.4	53.2#

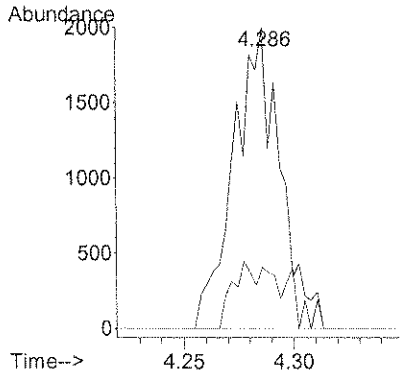


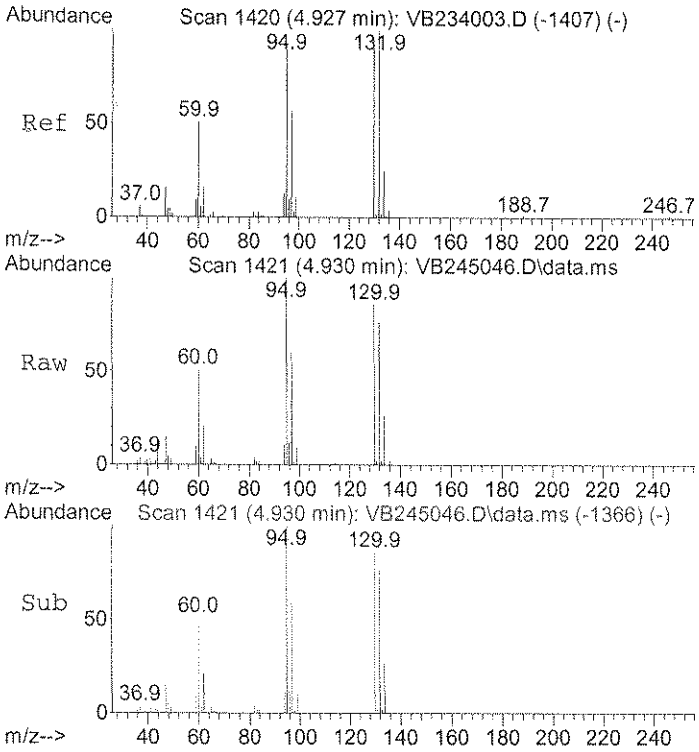


#39
BENZENE
Concen: 0.14 UG/L
RT: 4.286 min Scan# 1190
Delta R.T. 0.003 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 78 Resp: 2938

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.6	27.8#

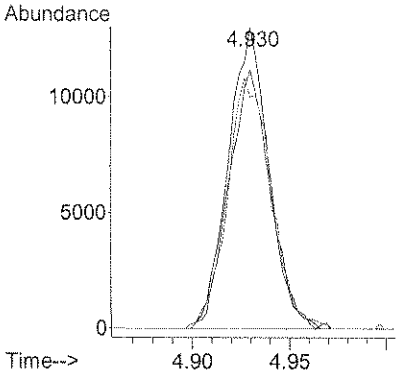


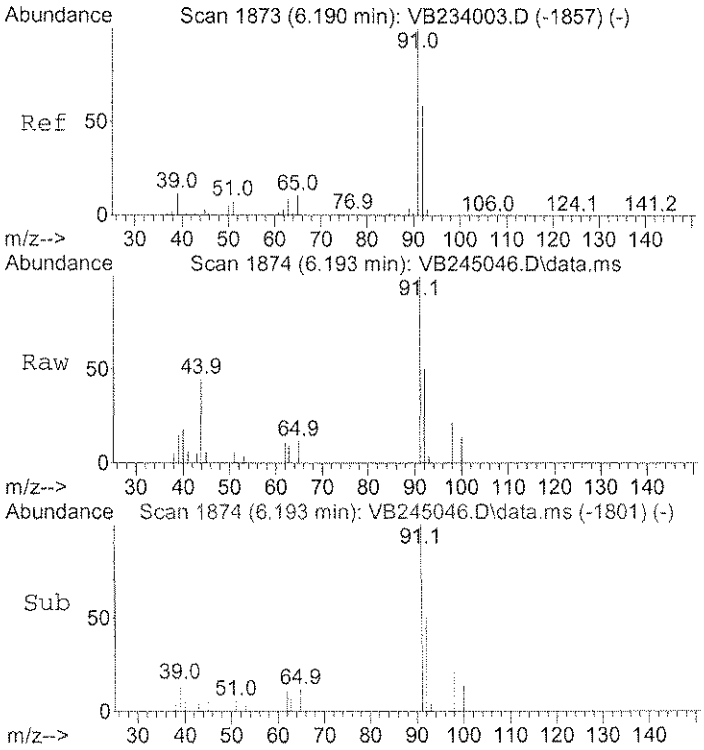


#44
TRICHLOROETHENE
Concen: 3.75 UG/L
RT: 4.930 min Scan# 1421
Delta R.T. 0.003 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 95 Resp: 19187

Ion	Ratio	Lower	Upper
95	100		
130	86.1	74.5	111.7
132	89.2	76.8	115.2

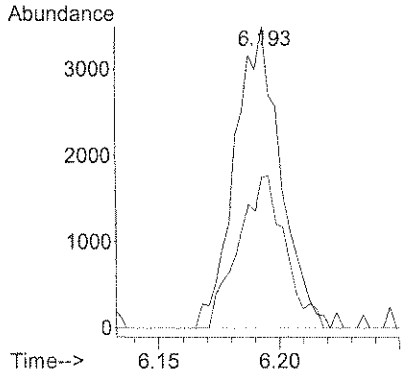


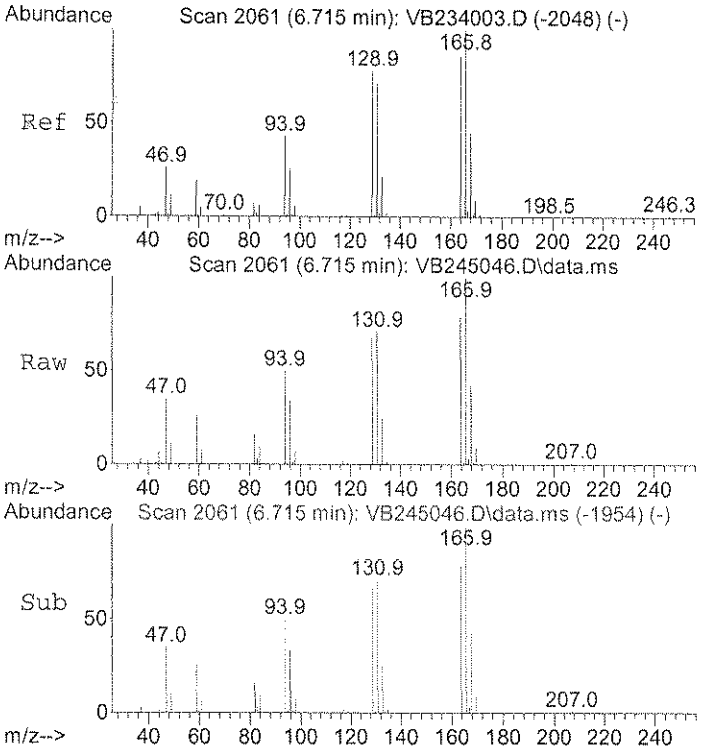


#53
TOLUENE
Concen: 0.20 UG/L
RT: 6.193 min Scan# 1874
Delta R.T. 0.003 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion: 91 Resp: 4645

Ion	Ratio	Lower	Upper
91	100		
92	51.2	48.6	73.0

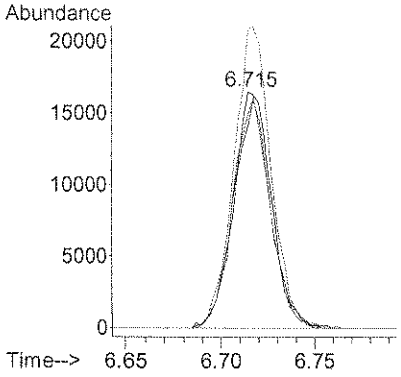


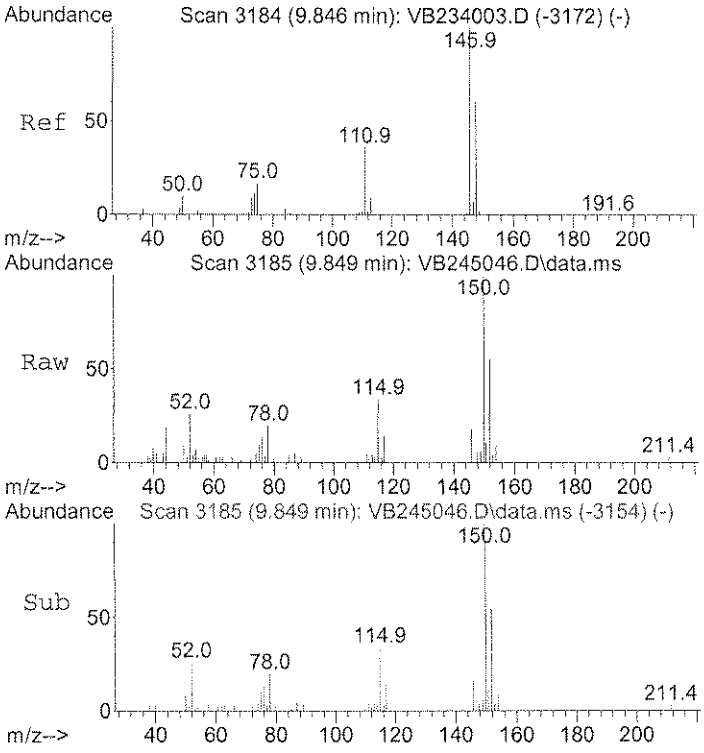


#58
TETRACHLOROETHENE
Concen: 6.58 UG/L
RT: 6.715 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion:164 Resp: 23631

Ion	Ratio	Lower	Upper
164	100		
129	91.9	69.0	103.6
131	92.6	70.2	105.4
166	123.9	100.9	151.3

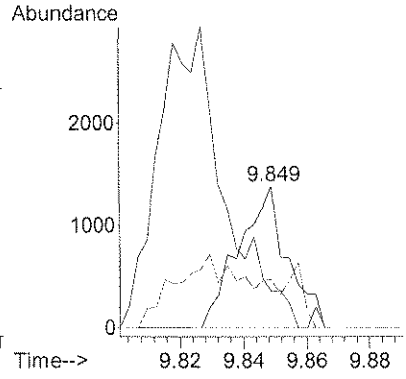


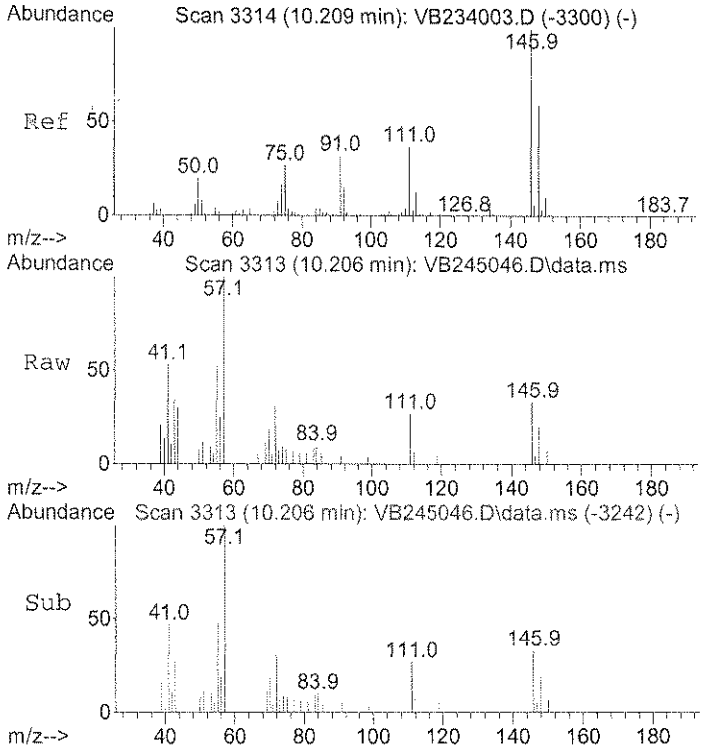


#87
1,4-DICHLOROBENZENE
Concen: 0.14 UG/L
RT: 9.849 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion:146 Resp: 1489

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.5	45.7#
148	0.0	51.1	76.7#

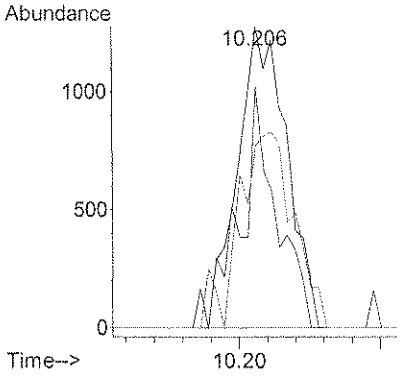


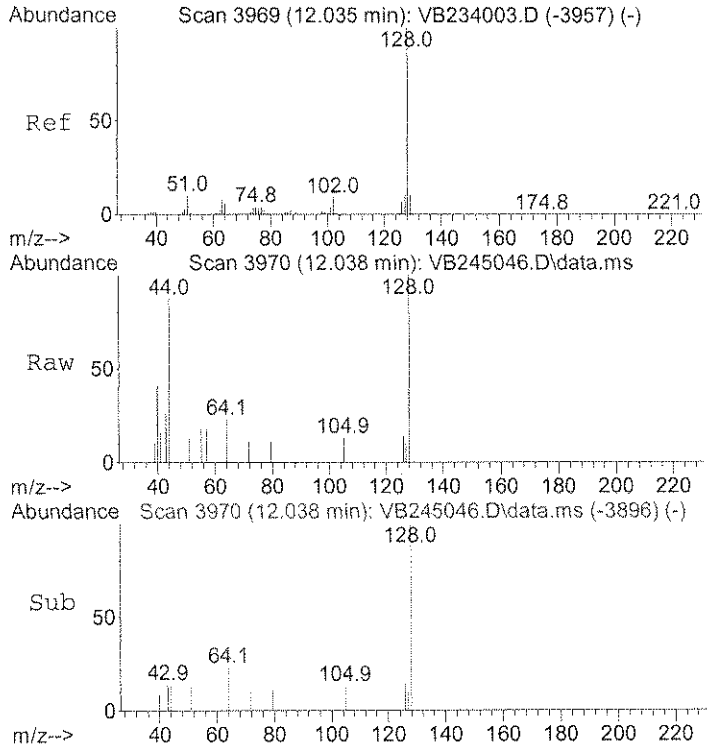


#89
1,2-DICHLOROBENZENE
Concen: 0.16 UG/L
RT: 10.206 min Scan# 3313
Delta R.T. -0.003 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion:146 Resp: 1574

Ion	Ratio	Lower	Upper
146	100		
111	56.8	32.1	48.1#
148	67.3	50.8	76.2

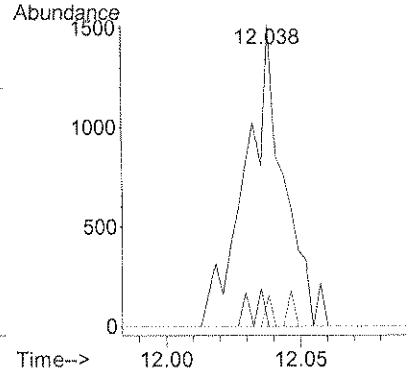




#94
NAPHTHALENE
Concen: 0.14 UG/L
RT: 12.038 min Scan# 3970
Delta R.T. 0.005 min
Lab File: VB245046.D
Acq: 3 Sep 2011 9:26 am

Tgt Ion:128 Resp: 1502

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	9.9	14.9#



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

1 - FORM I
ANALYSIS DATA SHEET

PW13-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-06	File ID:	VB245047.D
Sampled:	08/30/11 15:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 09:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW13-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-06	File ID:	VB245047.D
Sampled:	08/30/11 15:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 09:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.5	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-06	File ID:	VB245047.D
Sampled:	08/30/11 15:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 09:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	7.0	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	2.2	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-06	File ID:	VB245047.D
Sampled:	08/30/11 15:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 09:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245047.D
Acq On : 3 Sep 2011 9:58 am
Operator :
Sample : 1111023-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

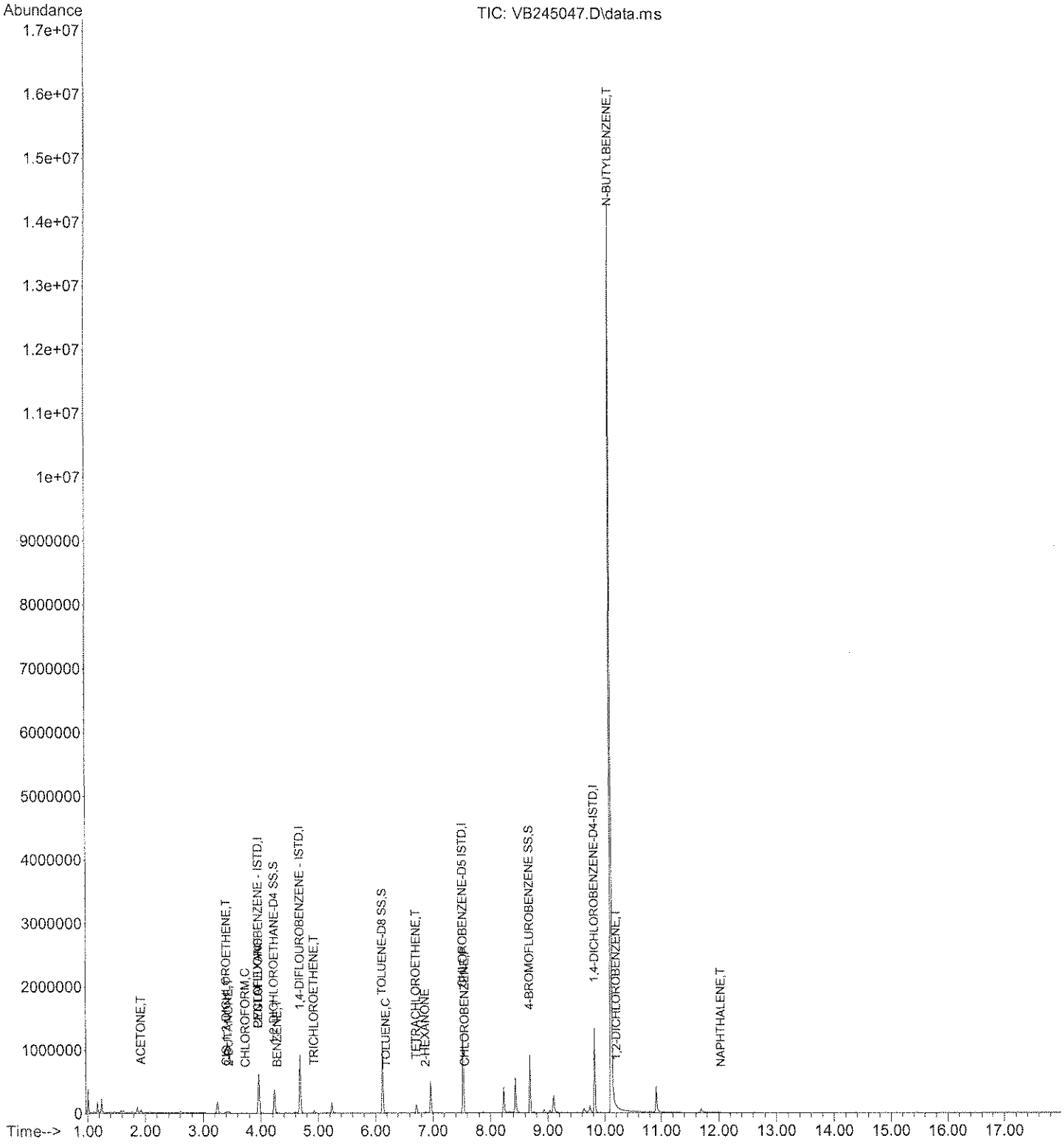
Quant Time: Sep 07 15:13:03 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

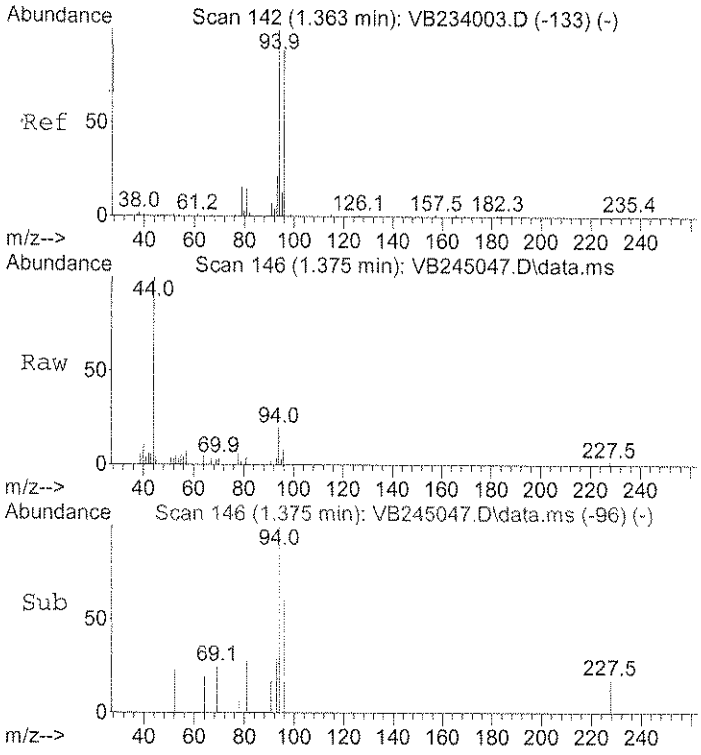
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	349063	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	576226	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	308816	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	272012	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	234882	26.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.00%				
42) TOLUENE-D8 SS	6.126	98	592999	25.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.84%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	236214	24.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.16%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.375	94	1093	Below Cal			97
8) CHLOROETHANE	1.389	64	657	Below Cal		#	42
13) ACETONE	1.927	43	33550	24.57	UG/L		92
27) 2-BUTANONE	3.446	43	27750	8.96	UG/L	#	91
29) CIS-1,2-DICHLOROETHENE	3.407	61	15388	1.48	UG/L		98
34) CHLOROFORM	3.737	83	3358	0.35	UG/L	#	64
36) CYCLOHEXANE	3.962	56	10412	1.14	UG/L	#	43
39) BENZENE	4.286	78	3482	0.17	UG/L	#	88
44) TRICHLOROETHENE	4.930	95	11533	2.25	UG/L		93
53) TOLUENE	6.191	91	5402	0.24	UG/L		95
57) 2-HEXANONE	6.871	43	10213	2.17	UG/L	#	74
58) TETRACHLOROETHENE	6.715	164	24954	6.95	UG/L		95
64) CHLOROBENZENE	7.560	112	2366	0.17	UG/L	#	43
88) N-BUTYLBENZENE	10.117	91	5824	0.43	UG/L	#	39
89) 1,2-DICHLOROBENZENE	10.206	146	2335	0.23	UG/L	#	90
94) NAPHTHALENE	12.041	128	1644	0.15	UG/L	#	70

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

Data Path : W:\1\DATA\090211\
Data File : VB245047.D
Acq On : 3 Sep 2011 9:58 am
Operator :
Sample : 11I0023-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Sep 07 15:13:03 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

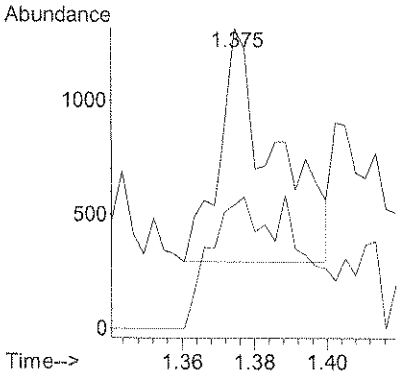


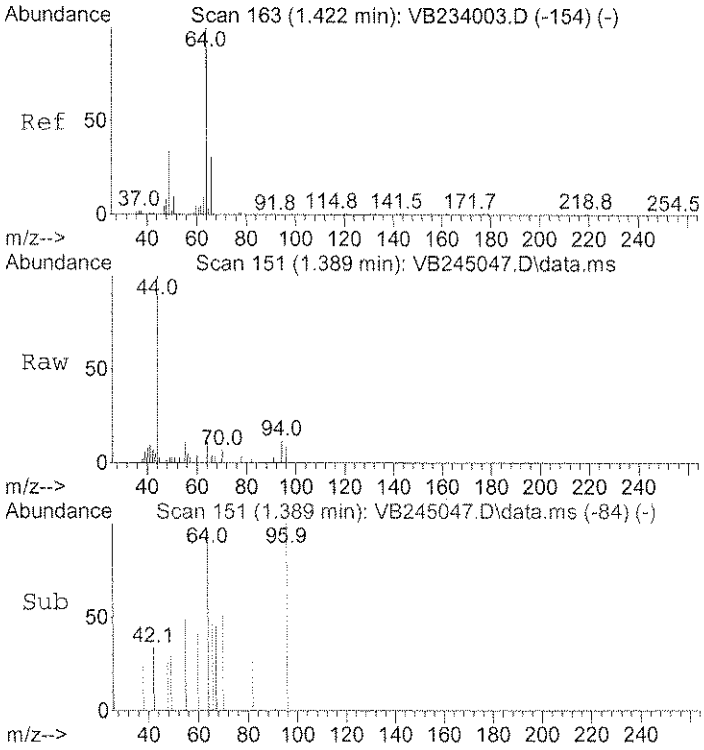


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.375 min Scan# 146
Delta R.T. 0.018 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 94 Resp: 1093

Ion	Ratio	Lower	Upper
94	100		
96	88.8	73.4	110.2

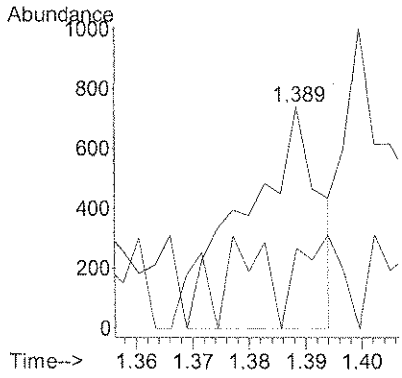


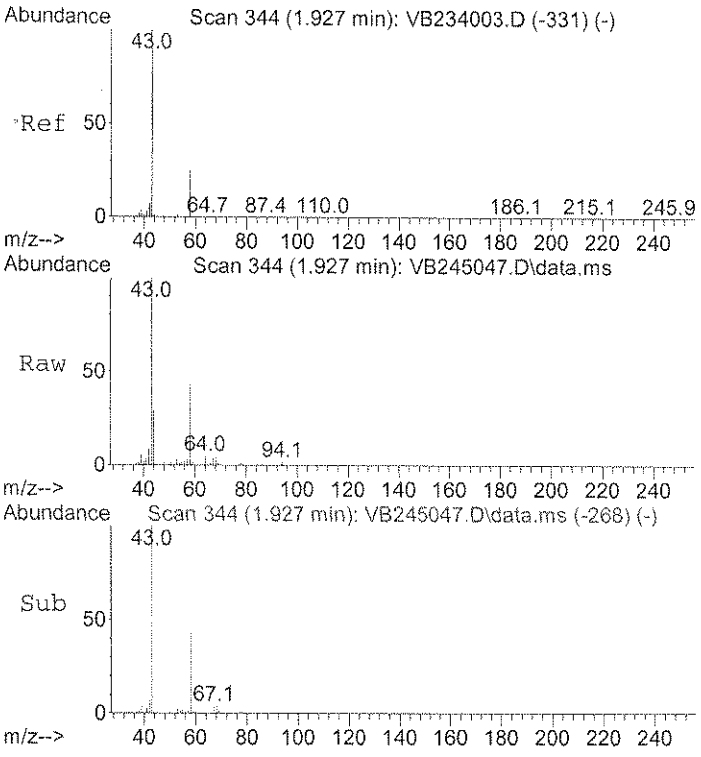


#8
CHLOROETHANE
Concen: Below Cal
RT: 1.389 min Scan# 151
Delta R.T. -0.027 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 64 Resp: 657

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.2	39.2#

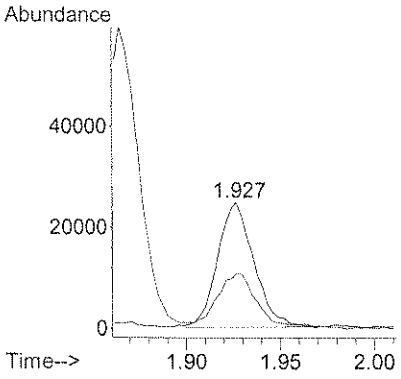


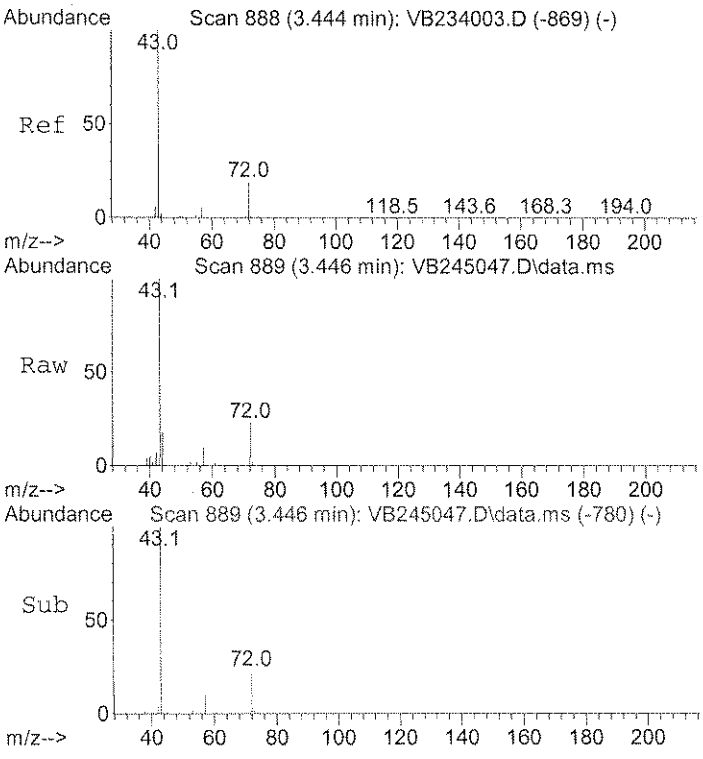


#13
ACETONE
Concen: 24.57 UG/L
RT: 1.927 min Scan# 344
Delta R.T. 0.000 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 43 Resp: 33550

Ion	Ratio	Lower	Upper
43	100		
58	50.2	35.9	53.9

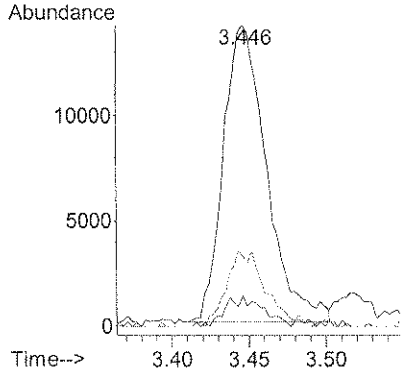


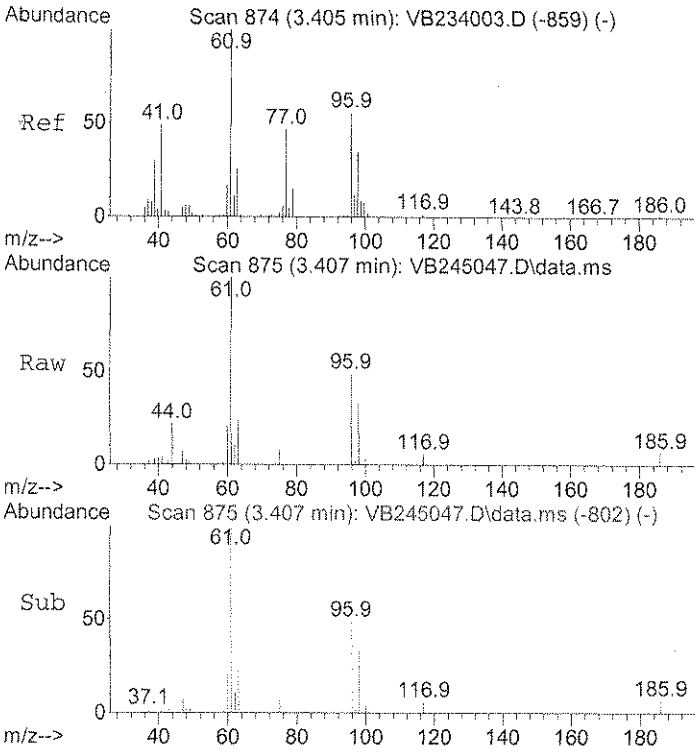


#27
2-BUTANONE
Concen: 8.96 UG/L
RT: 3.446 min Scan# 889
Delta R.T. 0.003 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 43 Resp: 27750

Ion	Ratio	Lower	Upper
43	100		
57	3.5	7.8	11.8#
72	23.0	20.6	31.0

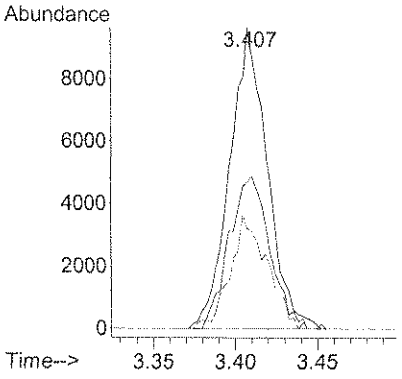


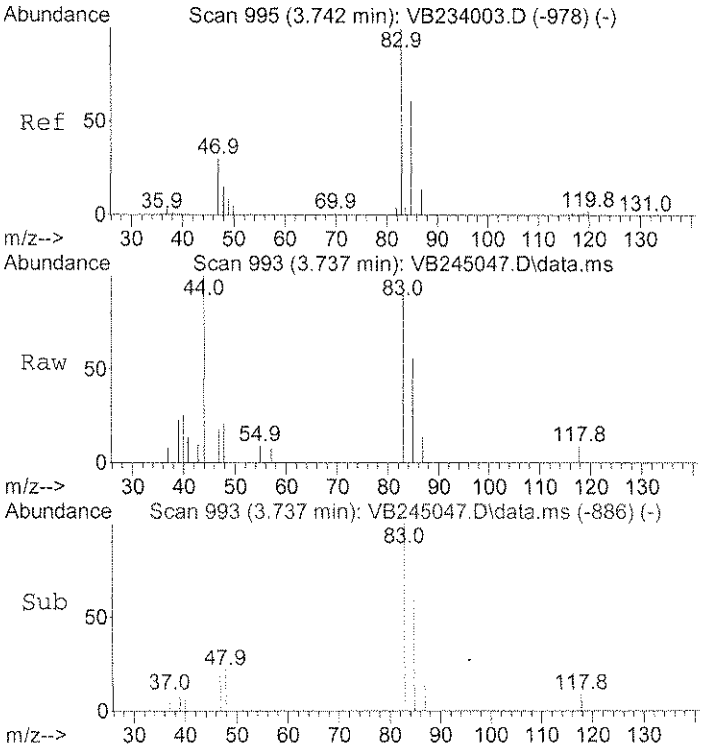


#29
CIS-1,2-DICHLOROETHENE
Concen: 1.48 UG/L
RT: 3.407 min Scan# 875
Delta R.T. 0.003 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 61 Resp: 15388

Ion	Ratio	Lower	Upper
61	100		
96	54.7	45.1	67.7
98	36.8	28.9	43.3

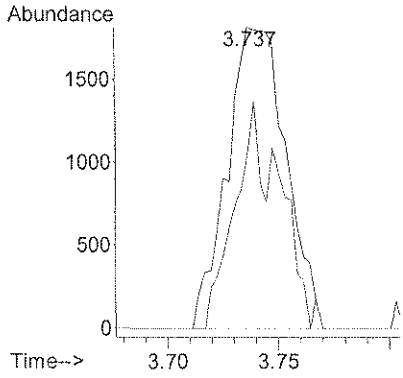


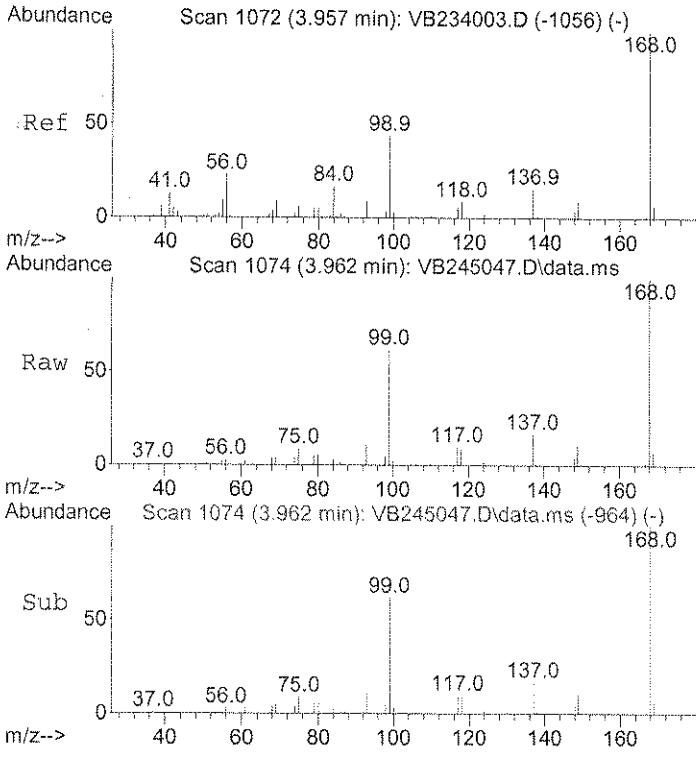


#34
CHLOROFORM
Concen: 0.35 UG/L
RT: 3.737 min Scan# 993
Delta R.T. -0.003 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 83 Resp: 3358

Ion	Ratio	Lower	Upper
83	100		
85	36.3	51.6	77.4#

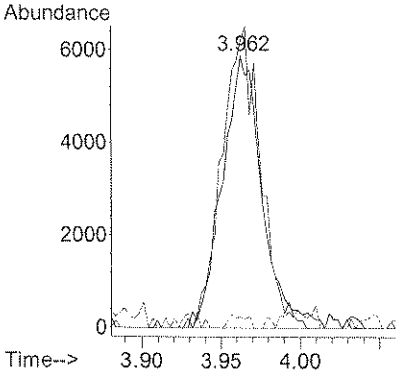


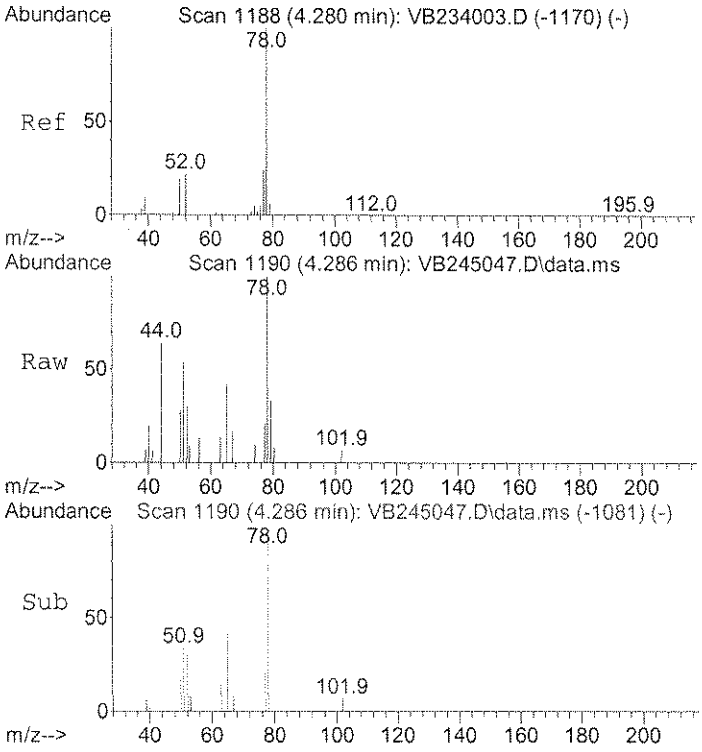


#36
CYCLOHEXANE
Concen: 1.14 UG/L
RT: 3.962 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 56 Resp: 10412

Ion	Ratio	Lower	Upper
56	100		
84	107.3	52.8	79.2#
41	2.2	35.4	53.2#

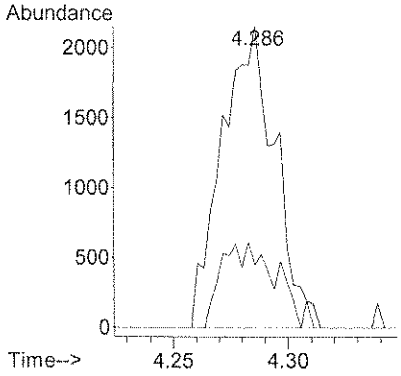


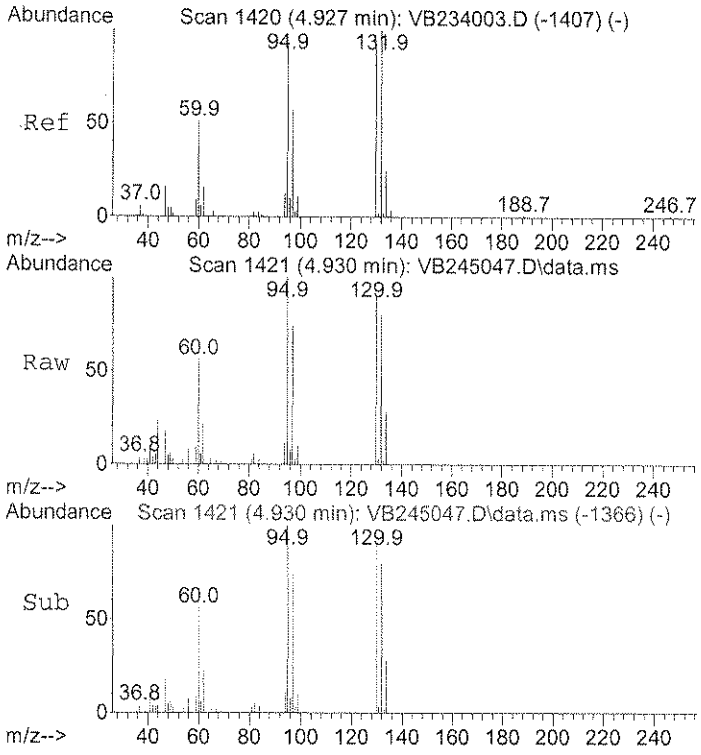


#39
BENZENE
Concen: 0.17 UG/L
RT: 4.286 min Scan# 1190
Delta R.T. 0.003 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 78 Resp: 3482

Ion	Ratio	Lower	Upper
78	100		
77	29.2	18.6	27.8#

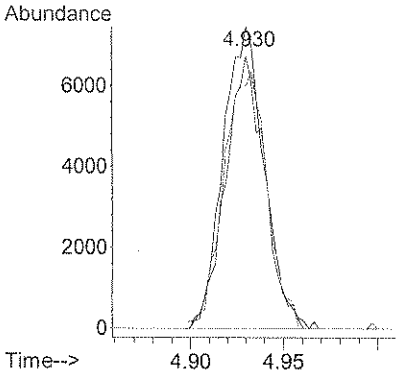


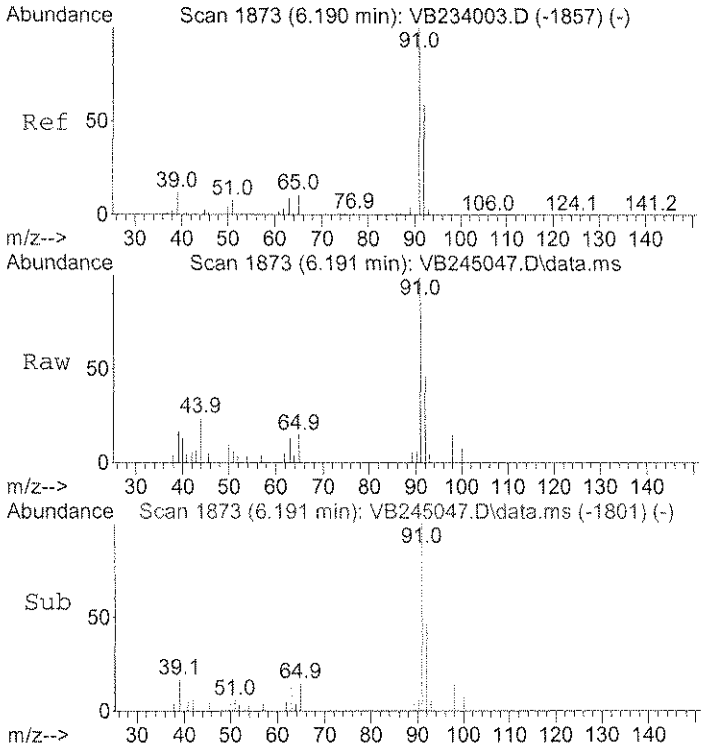


#44
TRICHLOROETHENE
Concen: 2.25 UG/L
RT: 4.930 min Scan# 1421
Delta R.T. 0.003 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 95 Resp: 11533

Ion	Ratio	Lower	Upper
95	100		
130	86.1	74.5	111.7
132	89.4	76.8	115.2

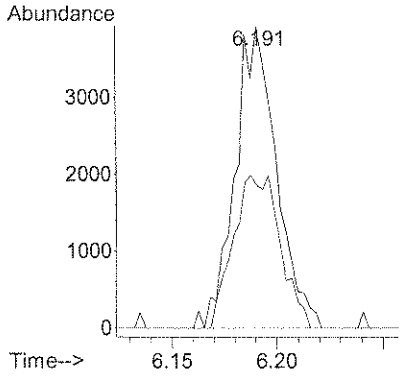


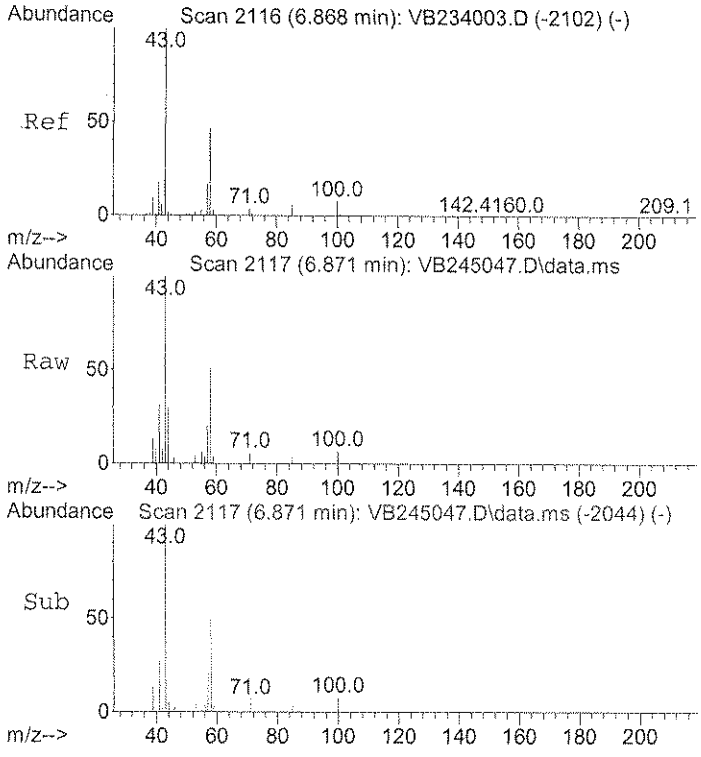


#53
TOLUENE
Concen: 0.24 UG/L
RT: 6.191 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 91 Resp: 5402

Ion	Ratio	Lower	Upper
91	100		
92	57.1	48.6	73.0

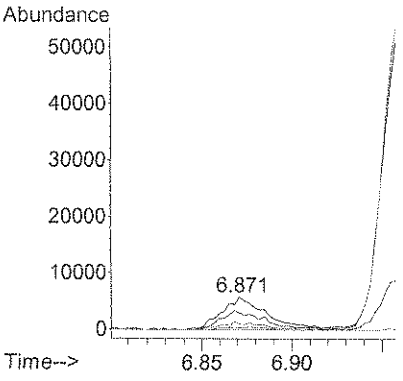


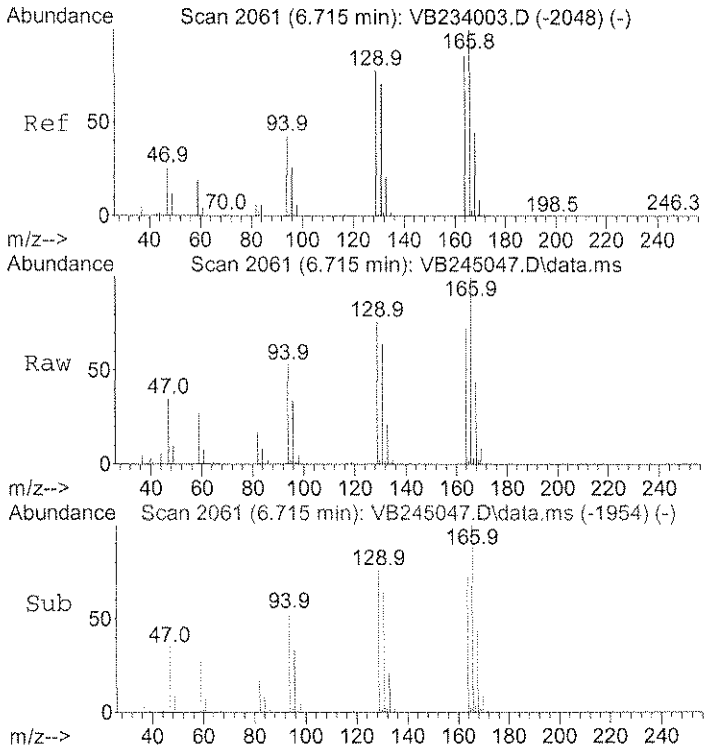


#57
2-HEXANONE
Concen: 2.17 UG/L
RT: 6.871 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 43 Resp: 10213

Ion	Ratio	Lower	Upper
43	100		
58	54.5	63.2	94.8#
57	21.1	21.5	32.3#
100	0.0	13.4	20.2#

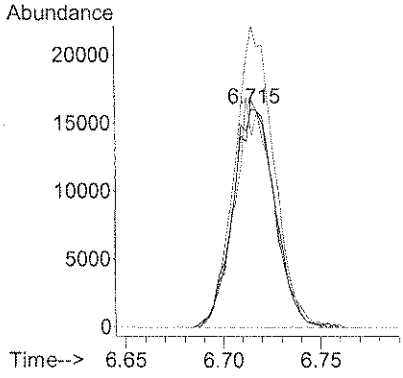


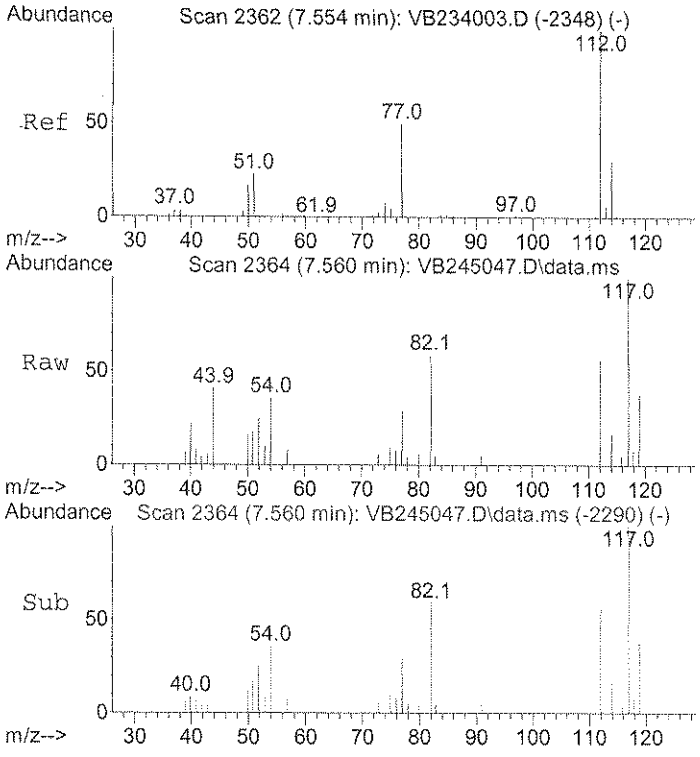


#58
TETRACHLOROETHENE
Concen: 6.95 UG/L
RT: 6.715 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion:164 Resp: 24954

Ion	Ratio	Lower	Upper
164	100		
129	96.5	69.0	103.6
131	94.0	70.2	105.4
166	125.9	100.9	151.3

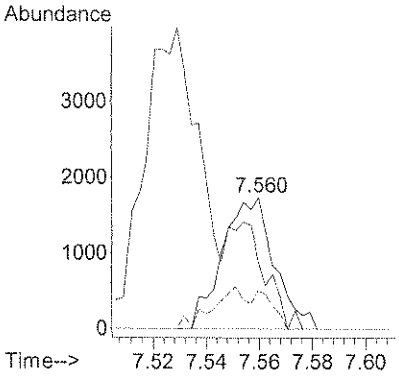


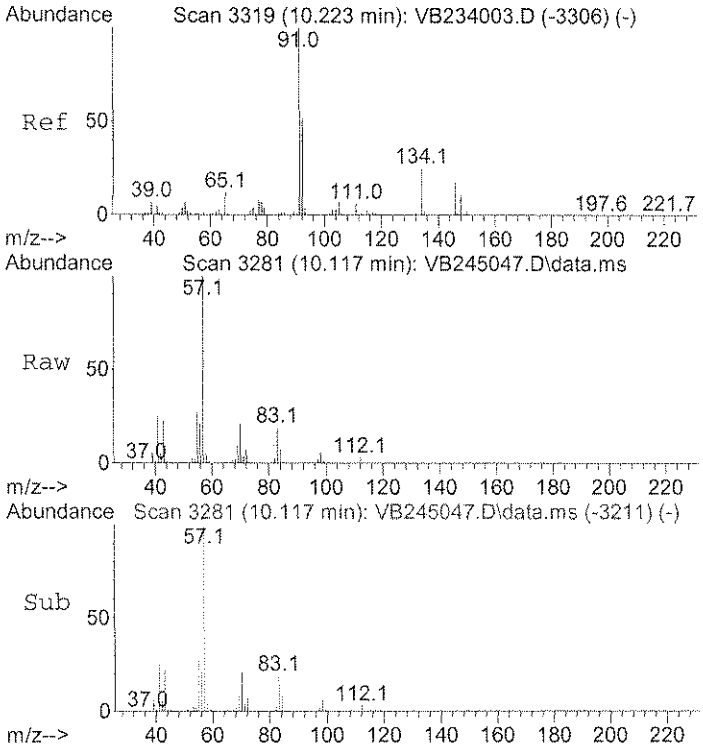


#64
CHLOROBENZENE
Concen: 0.17 UG/L
RT: 7.560 min Scan# 2364
Delta R.T. 0.006 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion:112 Resp: 2366

Ion	Ratio	Lower	Upper
112	100		
77	0.0	46.4	69.6#
114	21.3	25.8	38.6#

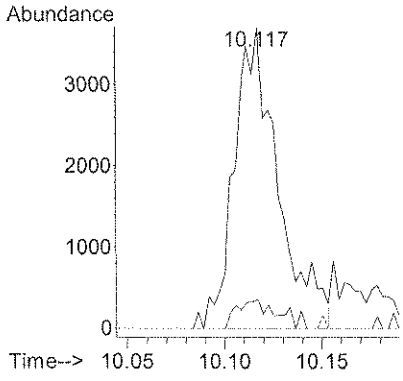


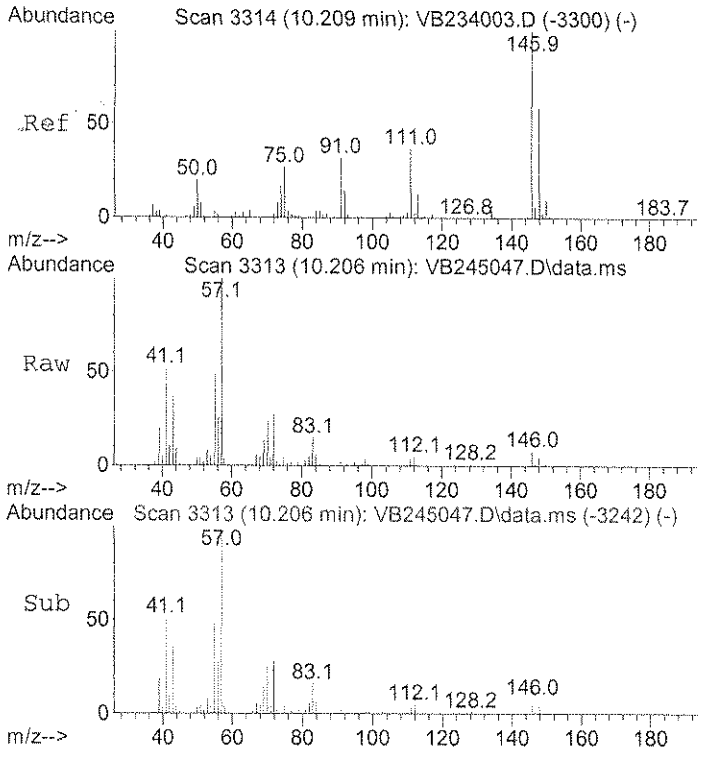


#88
N-BUTYLBENZENE
Concen: 0.43 UG/L
RT: 10.117 min Scan# 3281
Delta R.T. -0.106 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion: 91 Resp: 5824

Ion	Ratio	Lower	Upper
91	100		
92	9.1	45.0	67.6#
134	0.0	21.9	32.9#

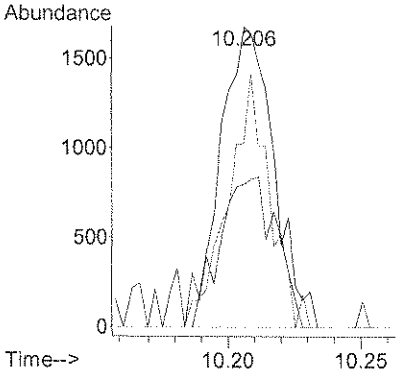


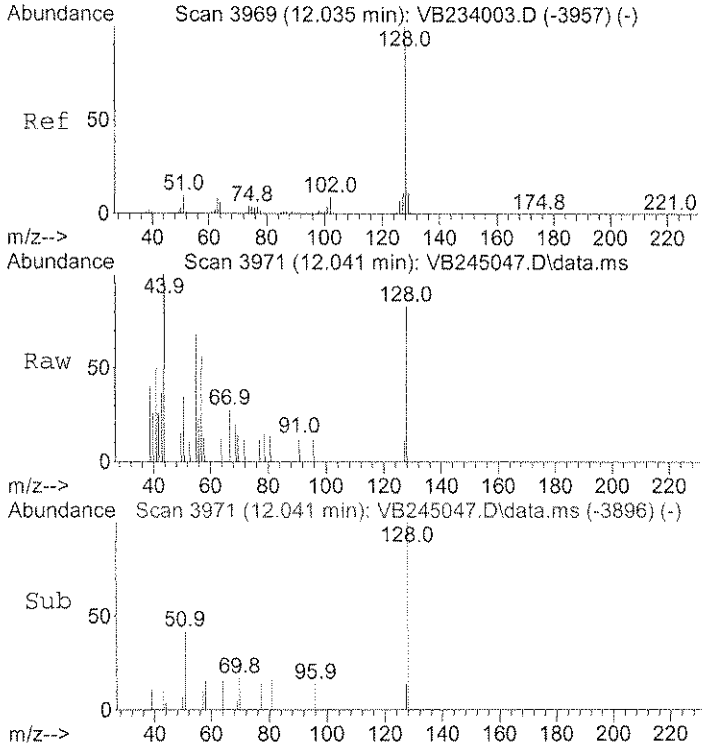


#89
1,2-DICHLOROBENZENE
Concen: 0.23 UG/L
RT: 10.206 min Scan# 3313
Delta R.T. -0.003 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion:146 Resp: 2335

Ion	Ratio	Lower	Upper
146	100		
111	51.9	32.1	48.1#
148	66.3	50.8	76.2

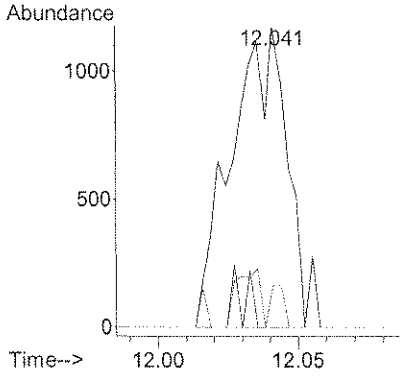




#94
NAPHTHALENE
Concen: 0.15 UG/L
RT: 12.041 min Scan# 3971
Delta R.T. 0.008 min
Lab File: VB245047.D
Acq: 3 Sep 2011 9:58 am

Tgt Ion:128 Resp: 1644

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	9.9	14.9#



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

1 - FORM I
ANALYSIS DATA SHEET

PW13-125Q

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-07	File ID:	VB245048.D
Sampled:	08/30/11 15:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 10:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW13-125Q

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-07	File ID:	VB245048.D
Sampled:	08/30/11 15:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 10:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	2.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-125Q

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-07	File ID:	VB245048.D
Sampled:	08/30/11 15:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 10:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	12	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	3.8	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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

1 - FORM I
ANALYSIS DATA SHEET

PW13-125Q

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-07	File ID:	VB245048.D
Sampled:	08/30/11 15:00	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 10:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245048.D
Acq On : 3 Sep 2011 10:30 am
Operator :
Sample : 11I0023-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

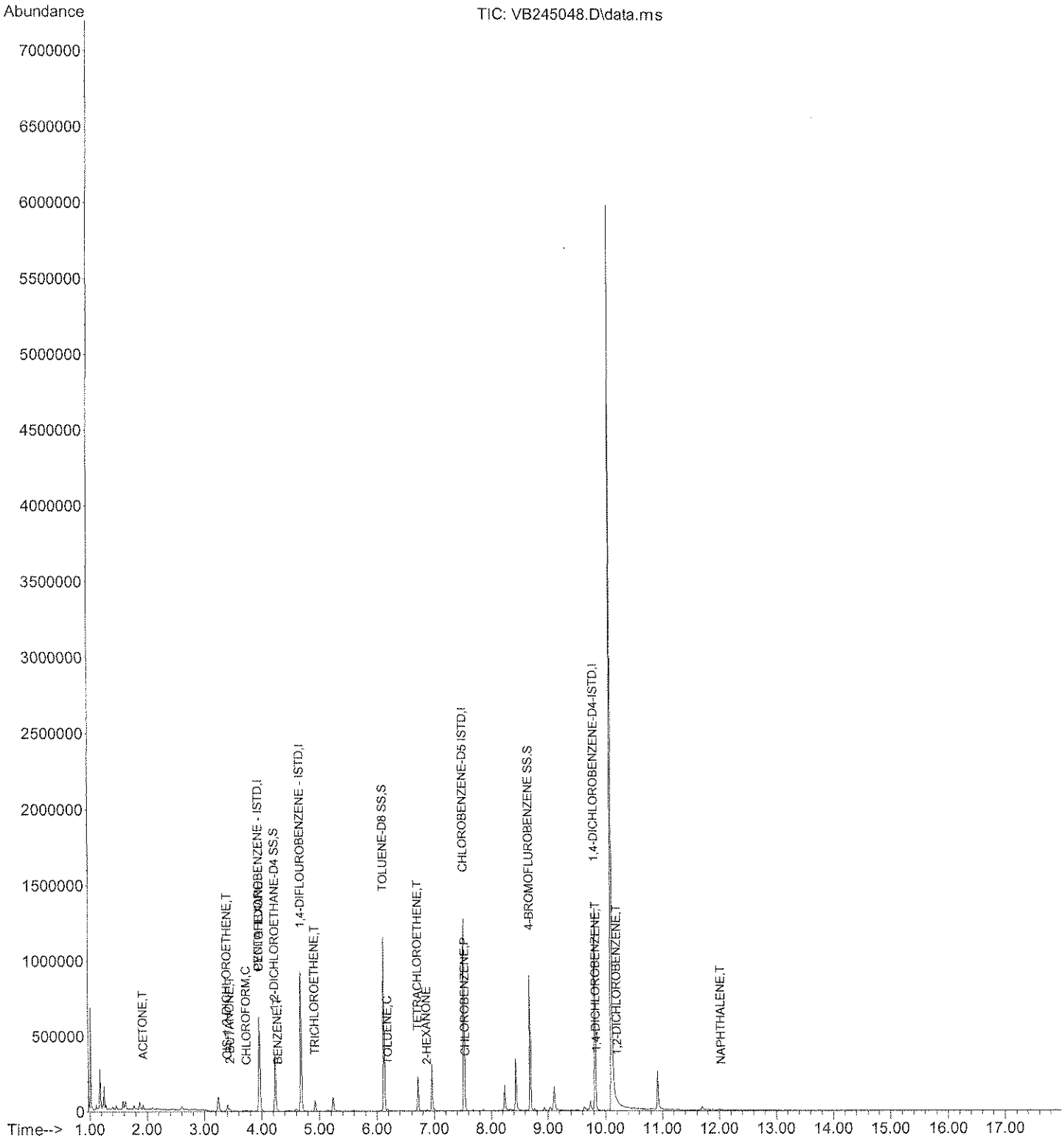
Quant Time: Sep 07 15:13:40 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

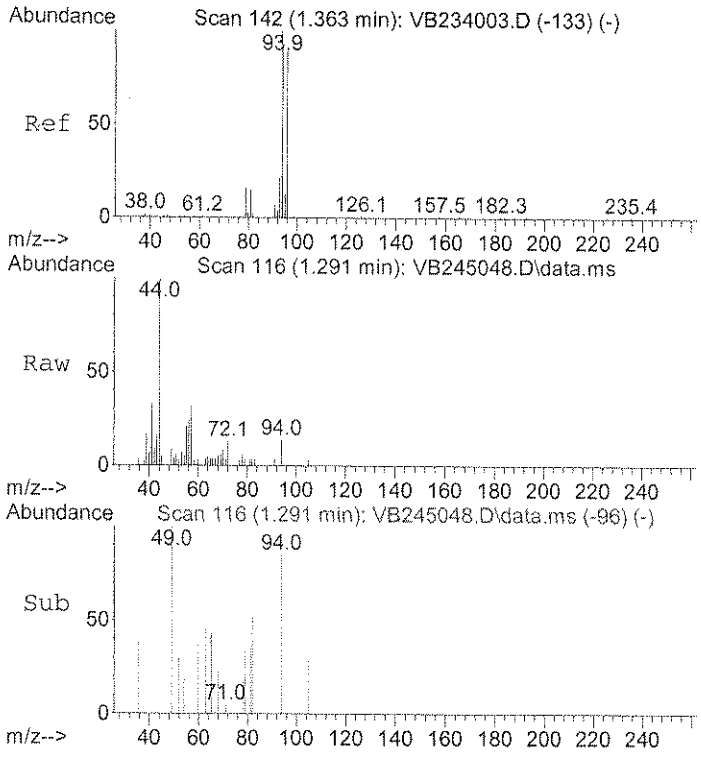
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	357168	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	582950	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	313226	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	277004	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	237451	25.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.76%				
42) TOLUENE-D8 SS	6.126	98	596174	25.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	239989	24.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.291	94	564	Below Cal		#	4
13) ACETONE	1.927	43	21878	15.66	UG/L		90
27) 2-BUTANONE	3.452	43	17968	5.67	UG/L	#	91
29) CIS-1,2-DICHLOROETHENE	3.405	61	24980	2.36	UG/L		100
34) CHLOROFORM	3.736	83	3332	0.34	UG/L		94
36) CYCLOHEXANE	3.965	56	10551	1.13	UG/L	#	39
39) BENZENE	4.283	78	3977	0.19	UG/L		90
44) TRICHLOROETHENE	4.930	95	19778	3.82	UG/L		92
53) TOLUENE	6.196	91	6119	0.27	UG/L		94
57) 2-HEXANONE	6.874	43	4800	1.01	UG/L	#	72
58) TETRACHLOROETHENE	6.717	164	42294	11.64	UG/L		96
64) CHLOROBENZENE	7.551	112	4036	0.28	UG/L	#	48
87) 1,4-DICHLOROBENZENE	9.843	146	1331	0.12	UG/L	#	66
89) 1,2-DICHLOROBENZENE	10.212	146	3763	0.36	UG/L		96
94) NAPHTHALENE	12.033	128	1647	0.15	UG/L	#	70

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

Data Path : W:\1\DATA\090211\
Data File : VB245048.D
Acq On : 3 Sep 2011 10:30 am
Operator :
Sample : 11I0023-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Sep 07 15:13:40 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

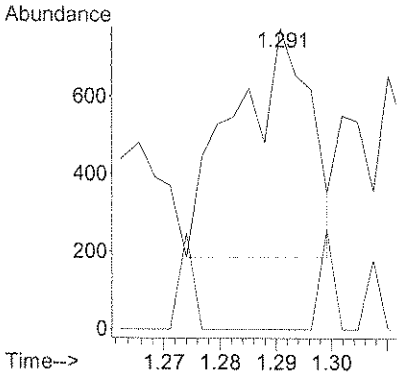


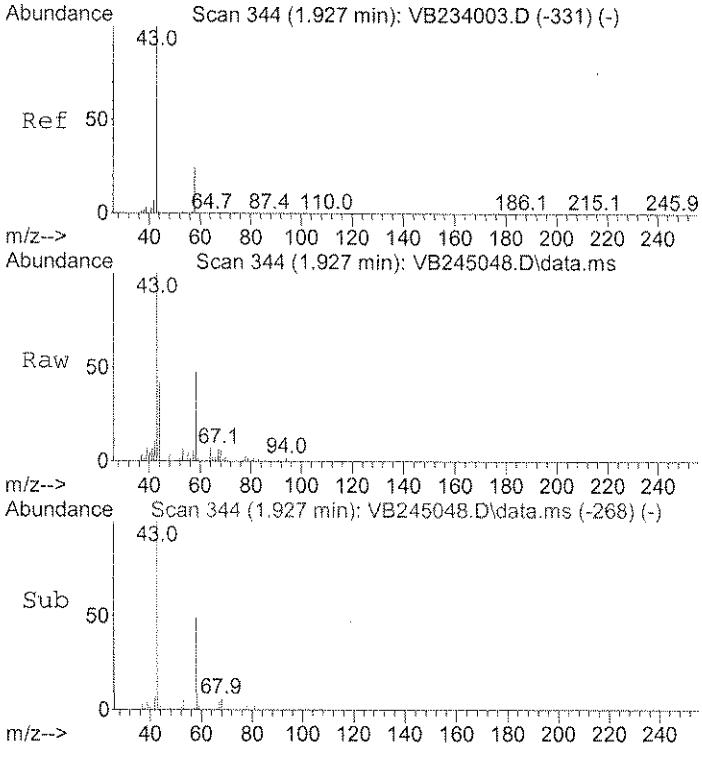


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.291 min Scan# 116
Delta R.T. -0.066 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 94 Resp: 564

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.2#

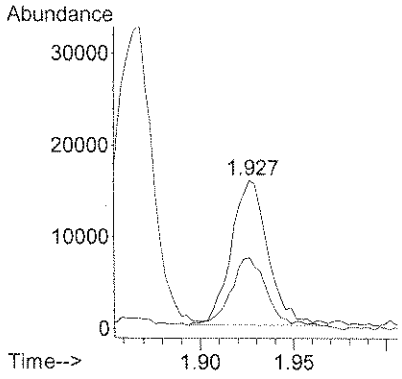


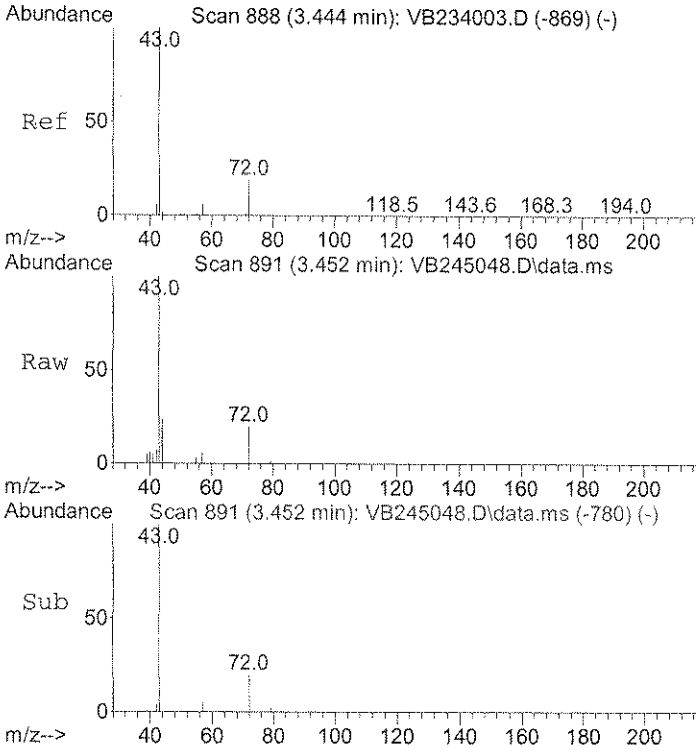


#13
ACETONE
Concen: 15.66 UG/L
RT: 1.927 min Scan# 344
Delta R.T. -0.000 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 43 Resp: 21878

Ion	Ratio	Lower	Upper
43	100		
58	51.5	35.9	53.9

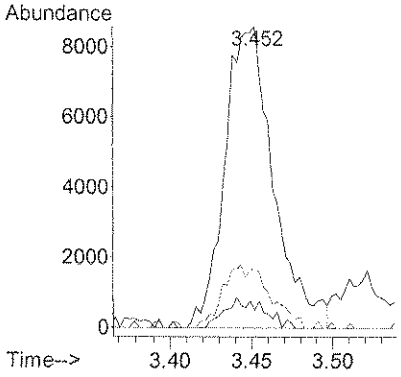


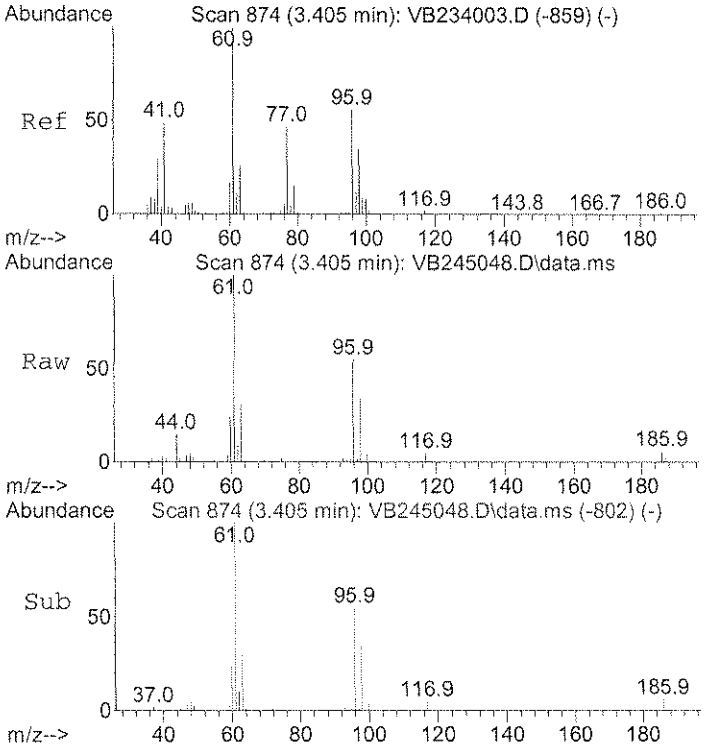


#27
2-BUTANONE
Concen: 5.67 UG/L
RT: 3.452 min Scan# 891
Delta R.T. 0.008 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 43 Resp: 17968

Ion	Ratio	Lower	Upper
43	100		
57	7.9	7.8	11.8
72	20.1	20.6	31.0#

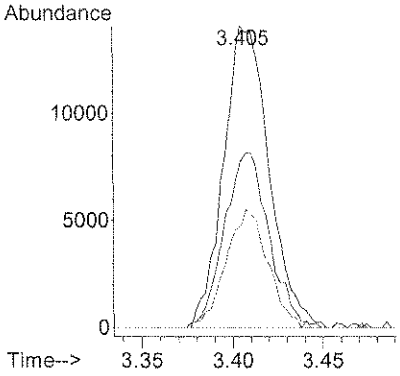


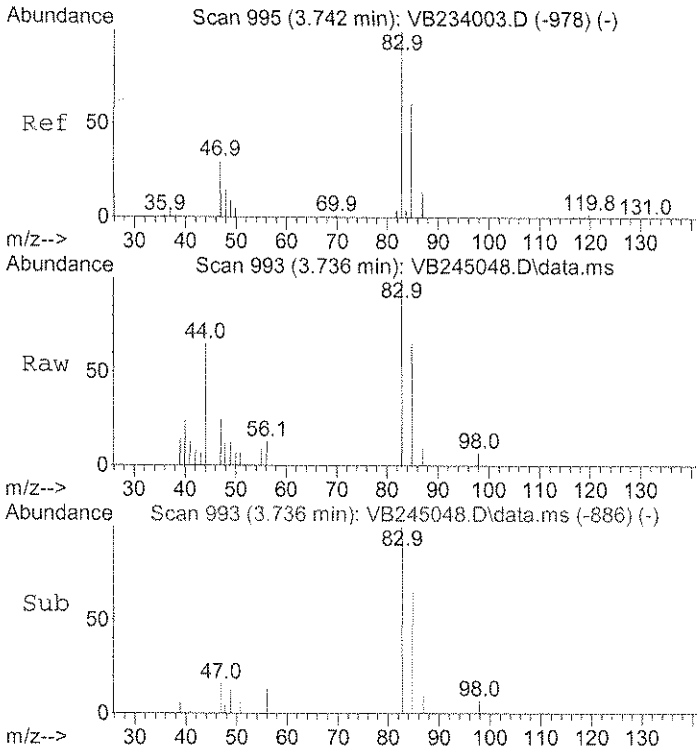


#29
CIS-1,2-DICHLOROETHENE
Concen: 2.36 UG/L
RT: 3.405 min Scan# 874
Delta R.T. -0.000 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 61 Resp: 24980

Ion	Ratio	Lower	Upper
61	100		
96	56.8	45.1	67.7
98	36.2	28.9	43.3

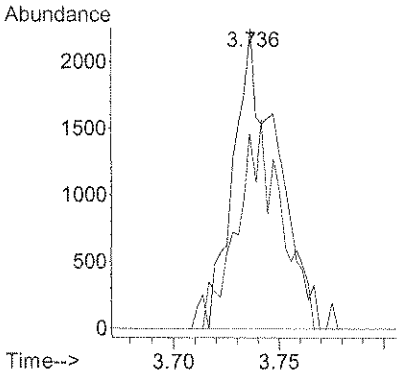


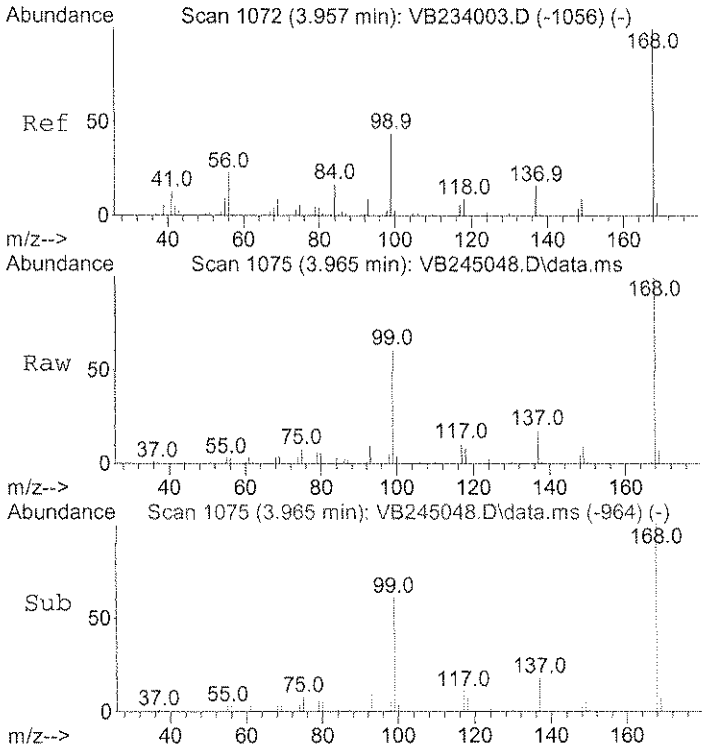


#34
CHLOROFORM
Concen: 0.34 UG/L
RT: 3.736 min Scan# 993
Delta R.T. -0.003 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 83 Resp: 3332

Ion	Ratio	Lower	Upper
83	100		
85	68.9	51.6	77.4

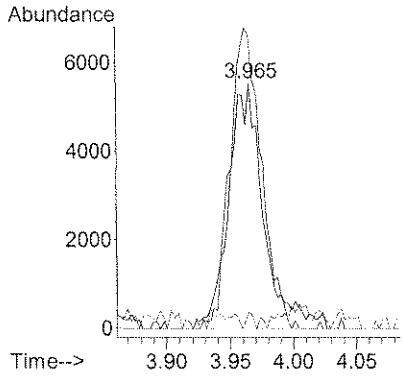


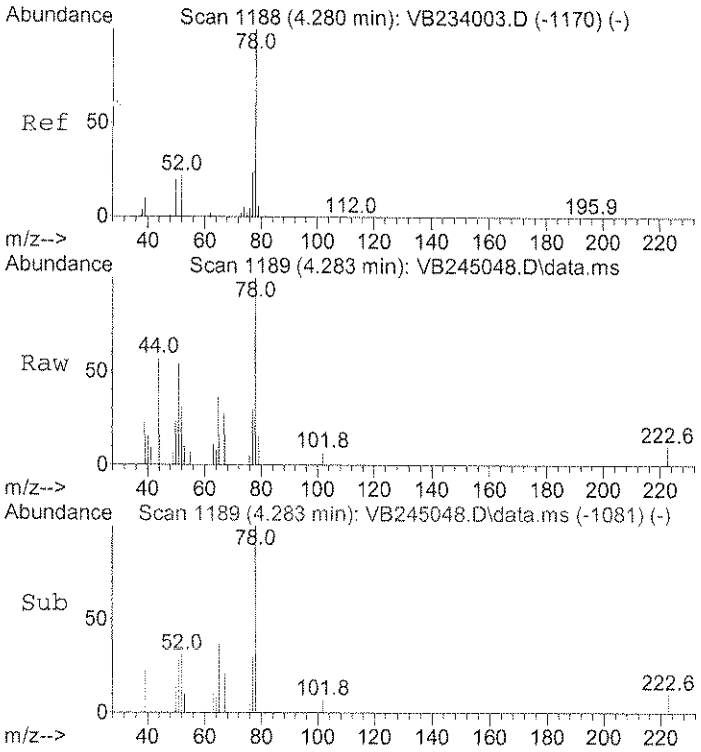


#36
CYCLOHEXANE
Concen: 1.13 UG/L
RT: 3.965 min Scan# 1075
Delta R.T. 0.008 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 56 Resp: 10551

Ion	Ratio	Lower	Upper
56	100		
84	111.1	52.8	79.2#
41	1.3	35.4	53.2#

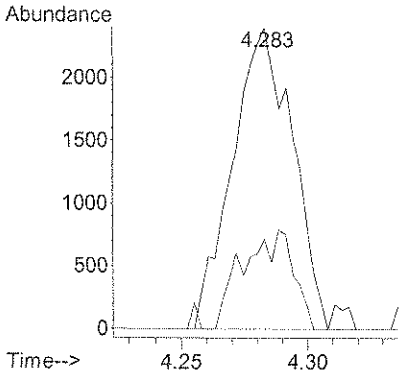


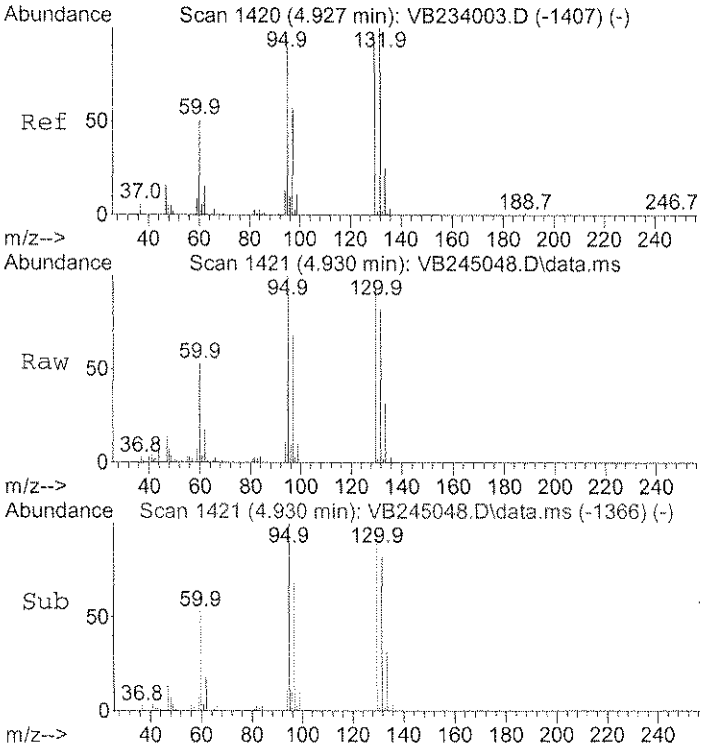


#39
BENZENE
Concen: 0.19 UG/L
RT: 4.283 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 78 Resp: 3977

Ion	Ratio	Lower	Upper
78	100		
77	27.8	18.6	27.8

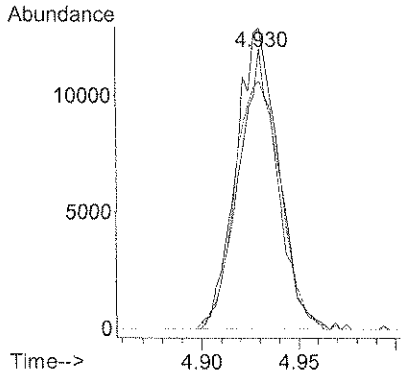


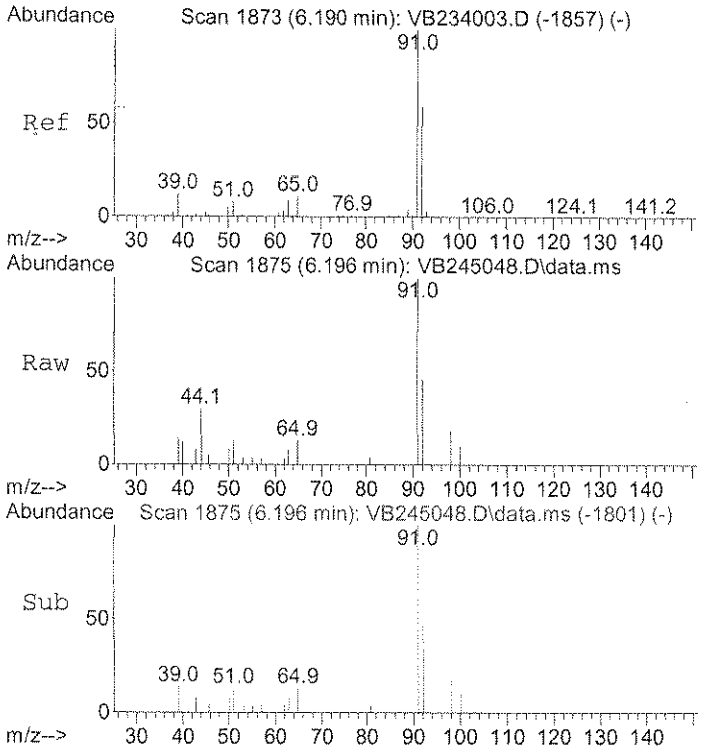


#44
TRICHLOROETHENE
Concen: 3.82 UG/L
RT: 4.930 min Scan# 1421
Delta R.T. 0.003 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 95 Resp: 19778

Ion	Ratio	Lower	Upper
95	100		
130	84.6	74.5	111.7
132	88.9	76.8	115.2

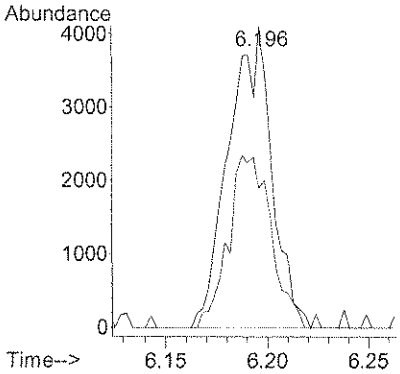


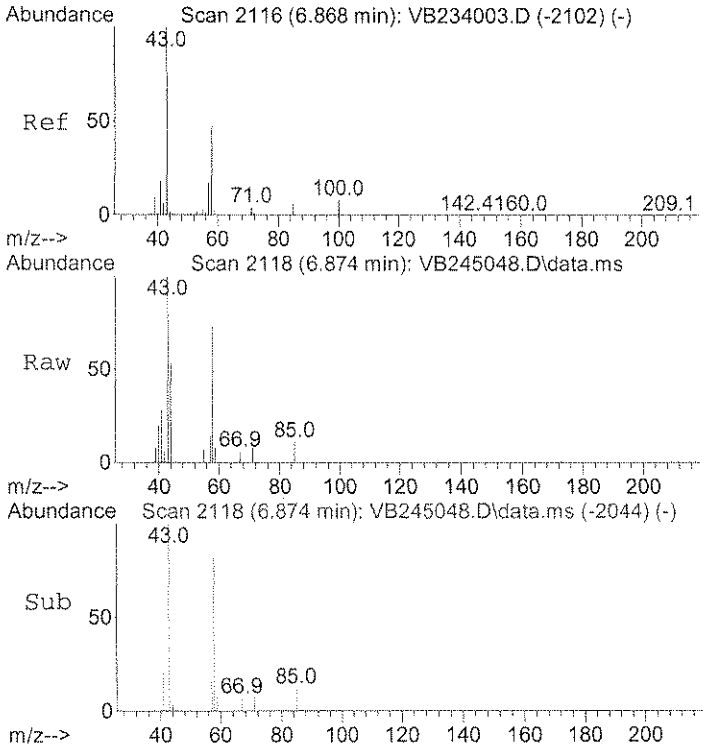


#53
TOLUENE
Concen: 0.27 UG/L
RT: 6.196 min Scan# 1875
Delta R.T. 0.005 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 91 Resp: 6119

Ion	Ratio	Lower	Upper
91	100		
92	56.1	48.6	73.0

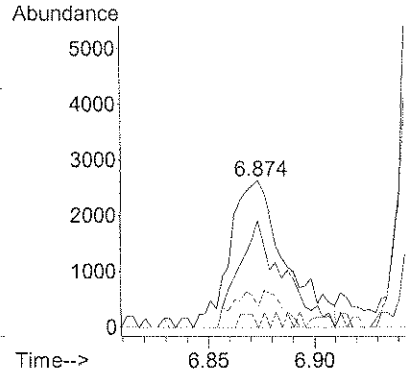


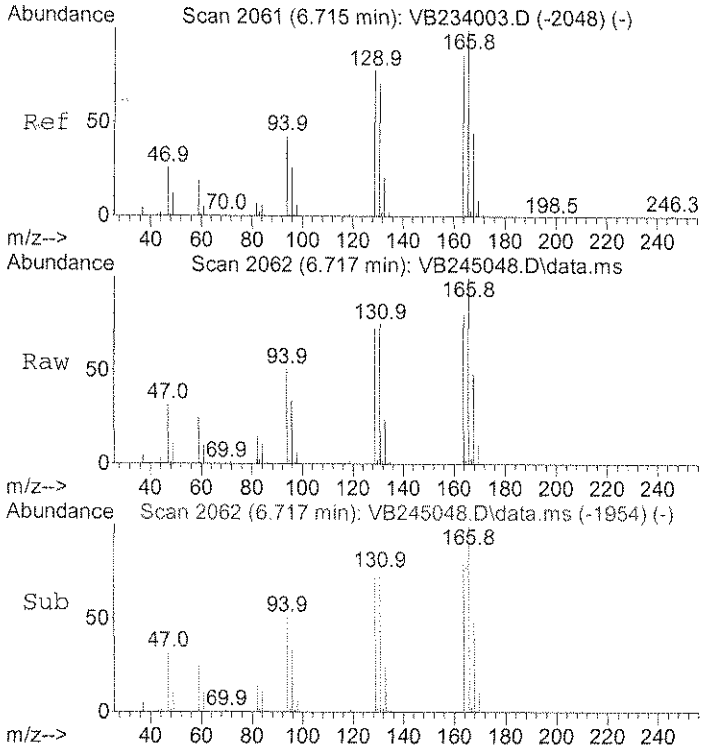


#57
2-HEXANONE
Concen: 1.01 UG/L
RT: 6.874 min Scan# 2118
Delta R.T. 0.005 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion: 43 Resp: 4800

Ion	Ratio	Lower	Upper
43	100		
58	57.5	63.2	94.8#
57	11.2	21.5	32.3#
100	0.0	13.4	20.2#

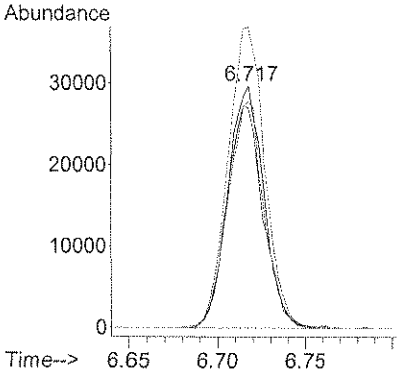


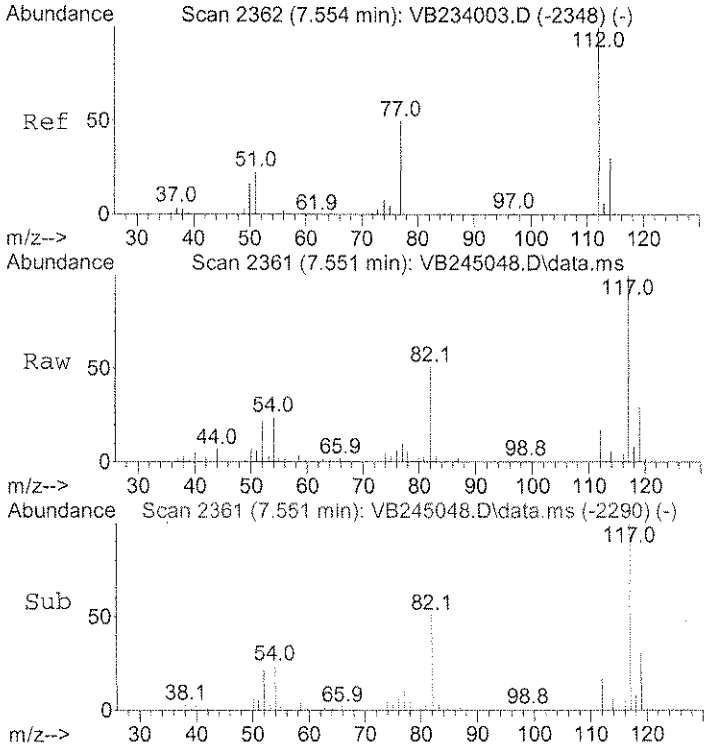


#58
TETRACHLOROETHENE
Concen: 11.64 UG/L
RT: 6.717 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion:164 Resp: 42294

Ion	Ratio	Lower	Upper
164	100		
129	92.0	69.0	103.6
131	93.1	70.2	105.4
166	126.4	100.9	151.3

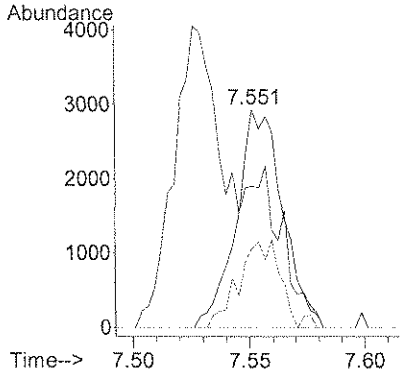


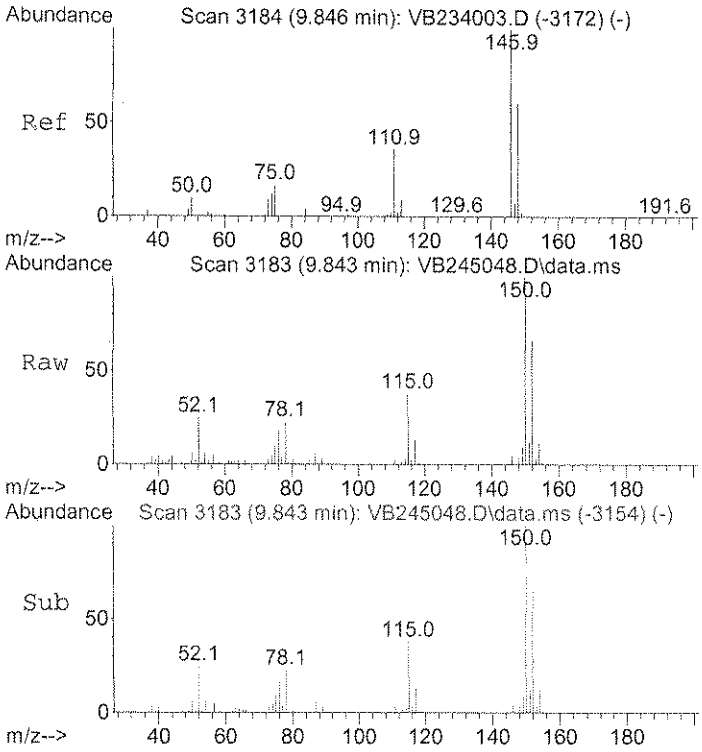


#64
CHLOROBENZENE
Concen: 0.28 UG/L
RT: 7.551 min Scan# 2361
Delta R.T. -0.003 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion:112 Resp: 4036

Ion	Ratio	Lower	Upper
112	100		
77	0.0	46.4	69.6#
114	35.0	25.8	38.6

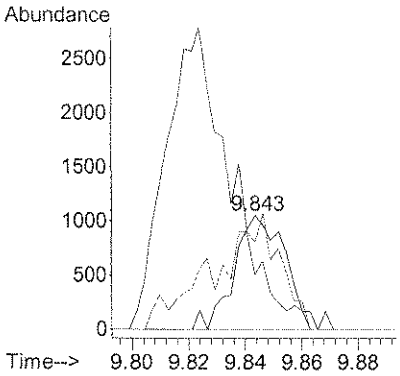


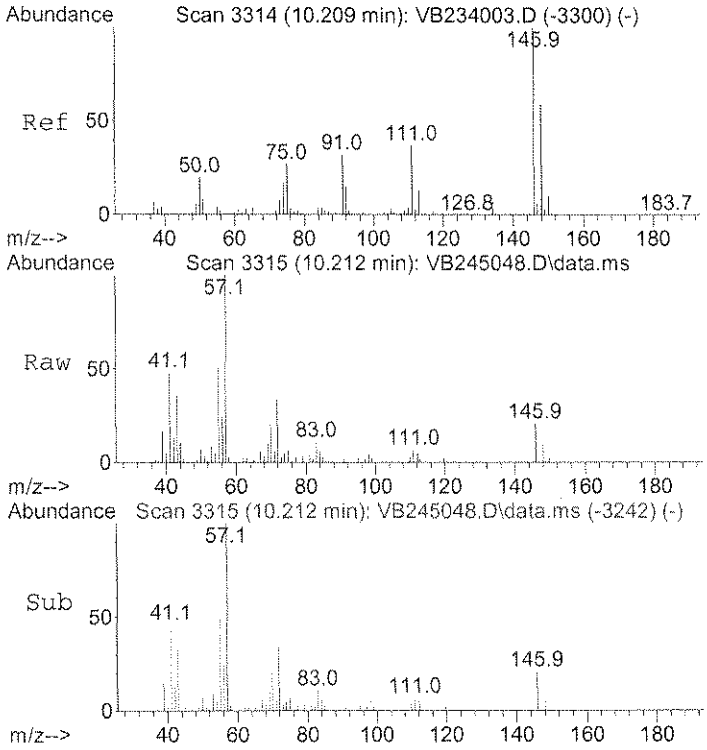


#87
1,4-DICHLOROBENZENE
Concen: 0.12 UG/L
RT: 9.843 min Scan# 3183
Delta R.T. -0.003 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion:146 Resp: 1331

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.5	45.7#
148	77.2	51.1	76.7#

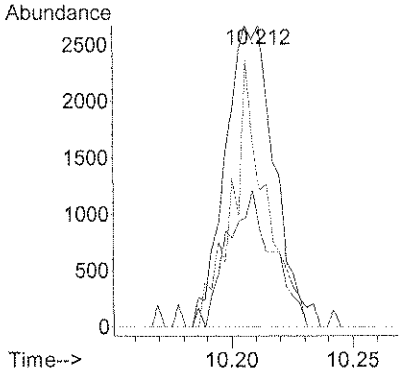


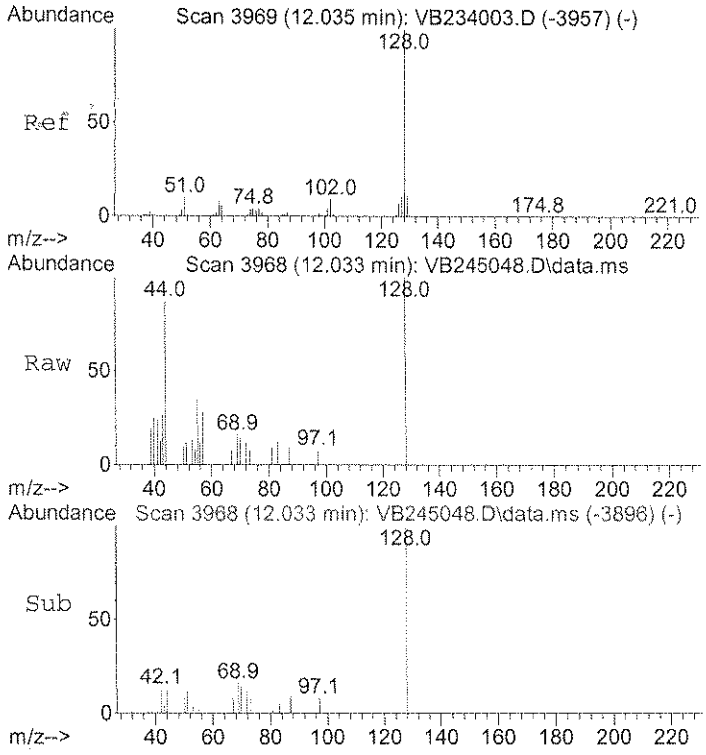


#89
1,2-DICHLOROBENZENE
Concen: 0.36 UG/L
RT: 10.212 min Scan# 3315
Delta R.T. 0.003 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion:146 Resp: 3763

Ion	Ratio	Lower	Upper
146	100		
111	41.8	32.1	48.1
148	59.6	50.8	76.2

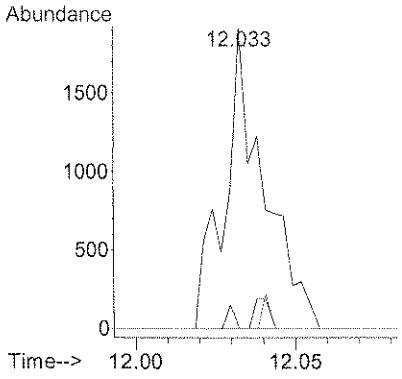




#94
NAPHTHALENE
Concen: 0.15 UG/L
RT: 12.033 min Scan# 3968
Delta R.T. -0.000 min
Lab File: VB245048.D
Acq: 3 Sep 2011 10:30 am

Tgt Ion:128 Resp: 1647

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	9.9	14.9#



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

1 - FORM I
ANALYSIS DATA SHEET

PW13-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-08	File ID:	VB245049.D
Sampled:	08/30/11 17:15	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 11:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

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

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1 - FORM I
ANALYSIS DATA SHEET

PW13-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-08	File ID:	VB245049.D
Sampled:	08/30/11 17:15	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 11:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW13-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-08	File ID:	VB245049.D
Sampled:	08/30/11 17:15	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 11:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

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

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1 - FORM I
ANALYSIS DATA SHEET

PW13-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-08	File ID:	VB245049.D
Sampled:	08/30/11 17:15	Prepared:	09/02/11 10:44	Analyzed:	09/03/11 11:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B036708	Sequence:	S001087	Calibration:	1100031	Instrument:	GCMSVOA2

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245049.D
Acq On : 3 Sep 2011 11:02 am
Operator :
Sample : 11I0023-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

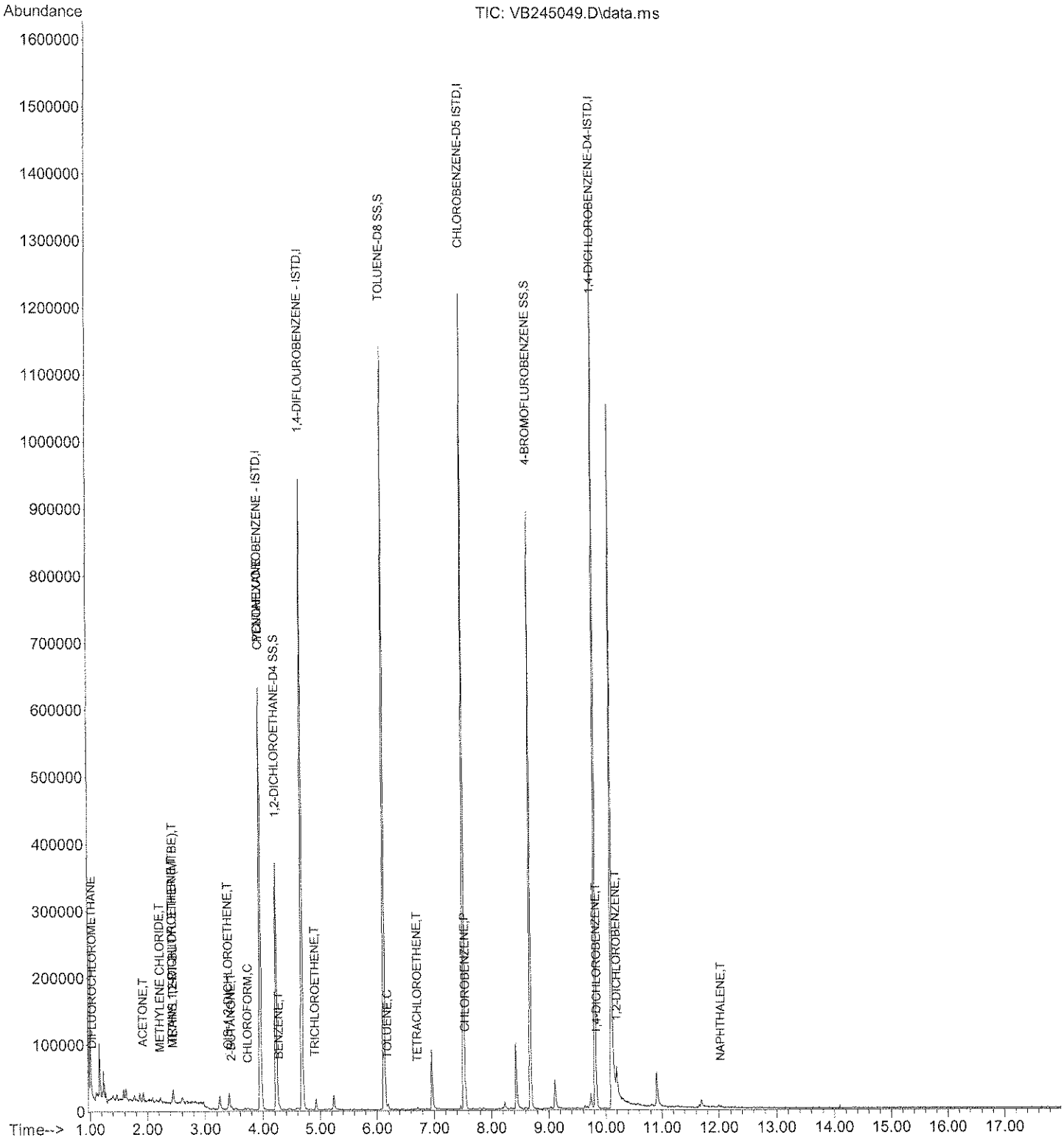
Quant Time: Sep 07 15:14:23 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

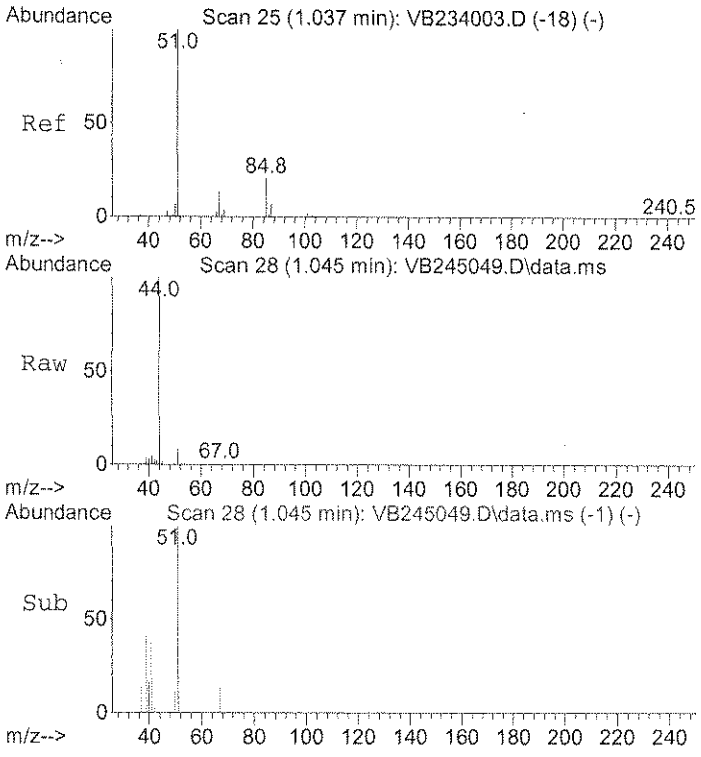
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	355105	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.684	114	578563	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	307375	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	271266	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	239735	26.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.36%				
42) TOLUENE-D8 SS	6.126	98	595135	25.20	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.80%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	236365	24.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.68%				
Target Compounds							Qvalue
4) DIFLUOROCHLOROMETHANE	1.045	51	2302	0.26	UG/L		99
8) CHLOROETHANE	1.397	64	1066	Below Cal		#	42
13) ACETONE	1.926	43	9947	7.16	UG/L		89
20) METHYLENE CHLORIDE	2.228	49	2823	0.41	UG/L	#	91
22) METHYL TERT-BUTYL ETHE...	2.454	73	5673	0.35	UG/L	#	60
23) TRANS 1,2-DICHLOROETHENE	2.445	61	5366	0.75	UG/L		95
27) 2-BUTANONE	3.452	43	5804	1.84	UG/L	#	82
29) CIS-1,2-DICHLOROETHENE	3.404	61	12368	1.17	UG/L		96
34) CHLOROFORM	3.745	83	1499	0.16	UG/L		94
36) CYCLOHEXANE	3.965	56	10003	1.07	UG/L	#	39
39) BENZENE	4.283	78	2996	0.14	UG/L		100
44) TRICHLOROETHENE	4.921	95	4490	0.87	UG/L		97
53) TOLUENE	6.190	91	4265	0.19	UG/L		98
58) TETRACHLOROETHENE	6.720	164	562	0.16	UG/L	#	45
64) CHLOROBENZENE	7.554	112	7345	0.52	UG/L	#	48
87) 1,4-DICHLOROBENZENE	9.849	146	5139	0.48	UG/L	#	66
89) 1,2-DICHLOROBENZENE	10.206	146	9803	0.96	UG/L		94
94) NAPHTHALENE	12.038	128	1510	0.14	UG/L	#	70

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

Data Path : W:\1\DATA\090211\
Data File : VB245049.D
Acq On : 3 Sep 2011 11:02 am
Operator :
Sample : 11I0023-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Sep 07 15:14:23 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

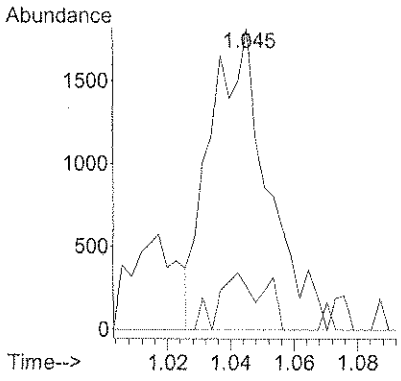


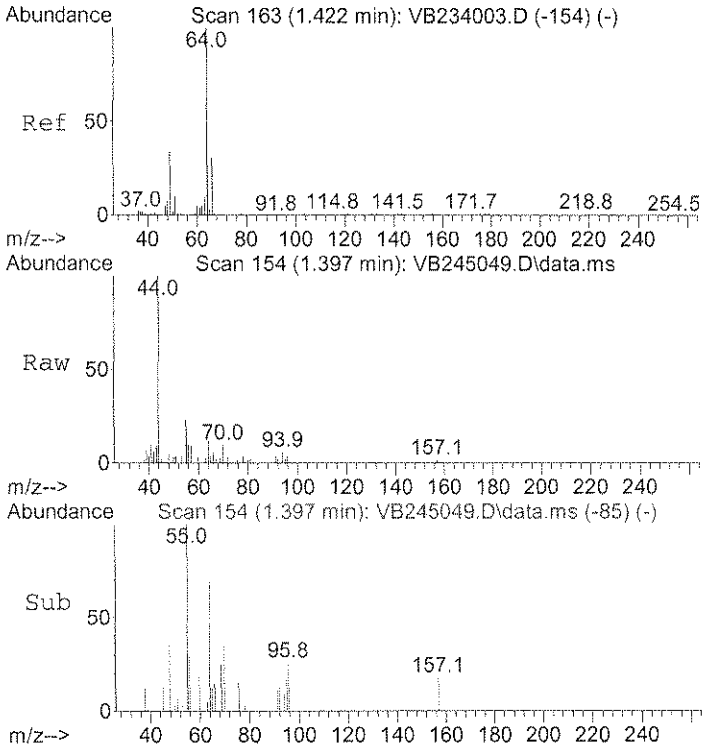


#4
DIFLUOROCHLOROMETHANE
Concen: 0.26 UG/L
RT: 1.045 min Scan# 28
Delta R.T. 0.008 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 51 Resp: 2302

Ion	Ratio	Lower	Upper
51	100		
67	14.9	11.7	17.5

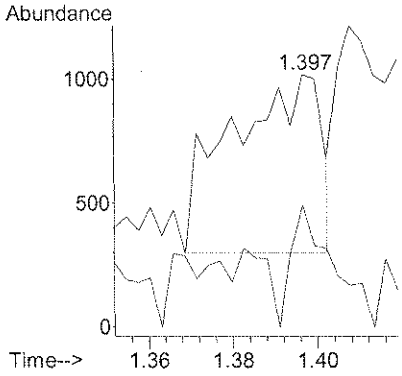


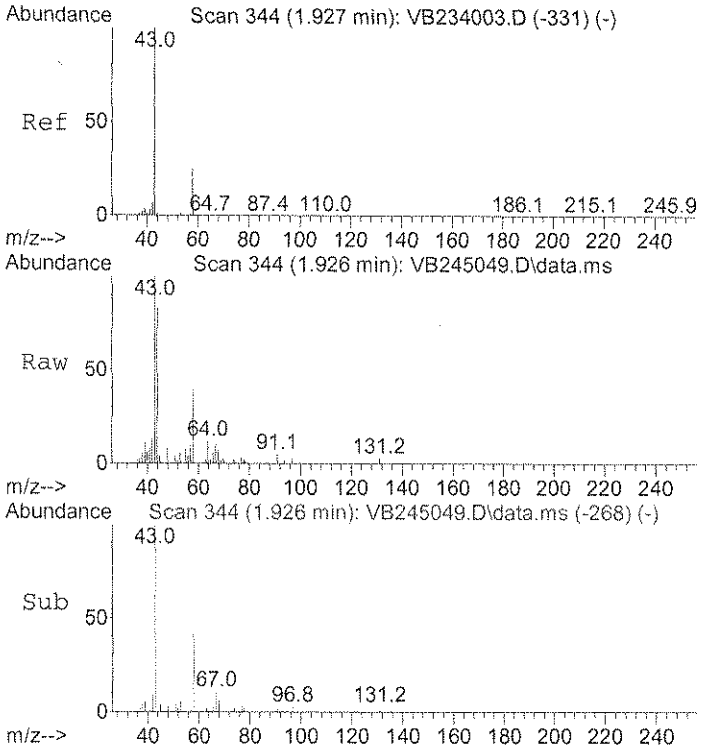


#8
CHLOROETHANE
Concen: Below Cal
RT: 1.397 min Scan# 154
Delta R.T. -0.019 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 64 Resp: 1066

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.2	39.2#

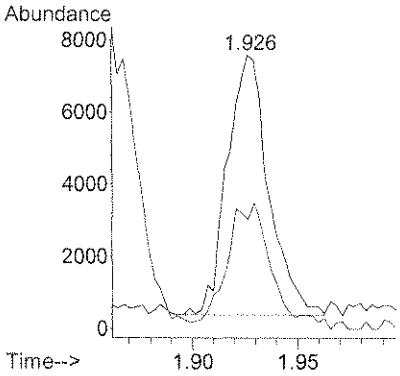


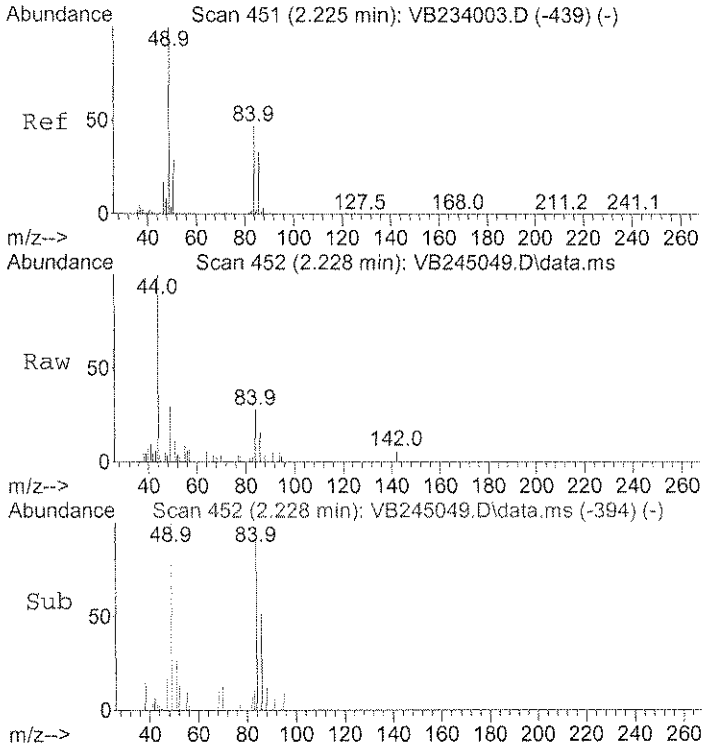


#13
ACETONE
Concen: 7.16 UG/L
RT: 1.926 min Scan# 344
Delta R.T. -0.000 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 43 Resp: 9947

Ion	Ratio	Lower	Upper
43	100		
58	51.9	35.9	53.9

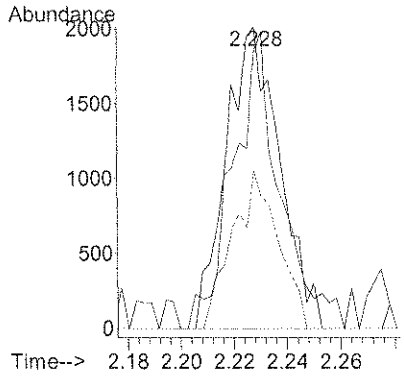


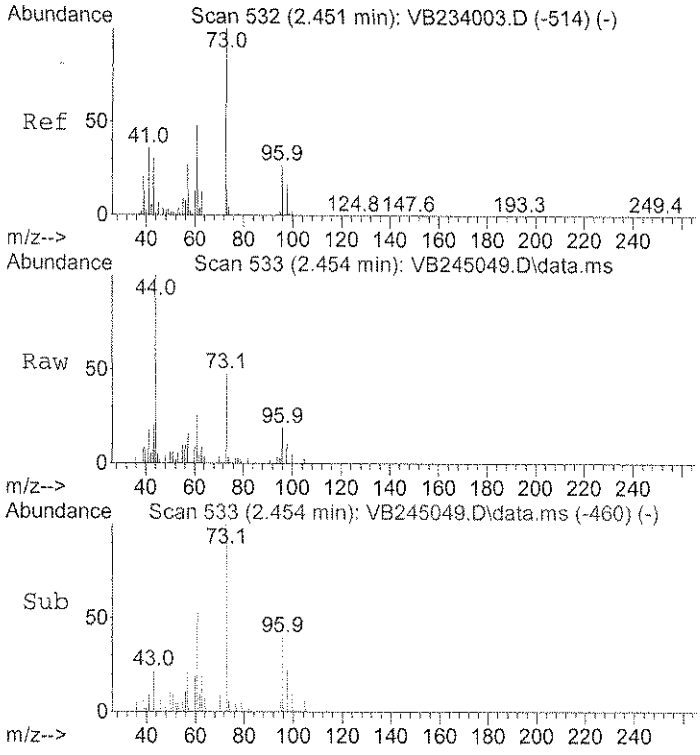


#20
METHYLENE CHLORIDE
Concen: 0.41 UG/L
RT: 2.228 min Scan# 452
Delta R.T. 0.003 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 49 Resp: 2823

Ion	Ratio	Lower	Upper
49	100		
84	86.6	72.5	108.7
86	44.8	46.3	69.5#

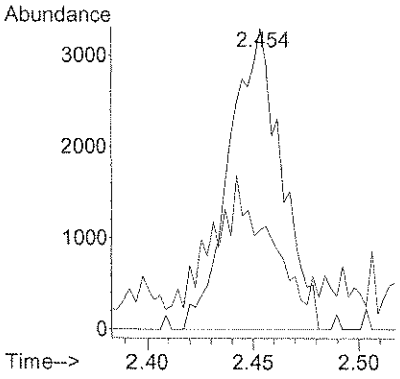


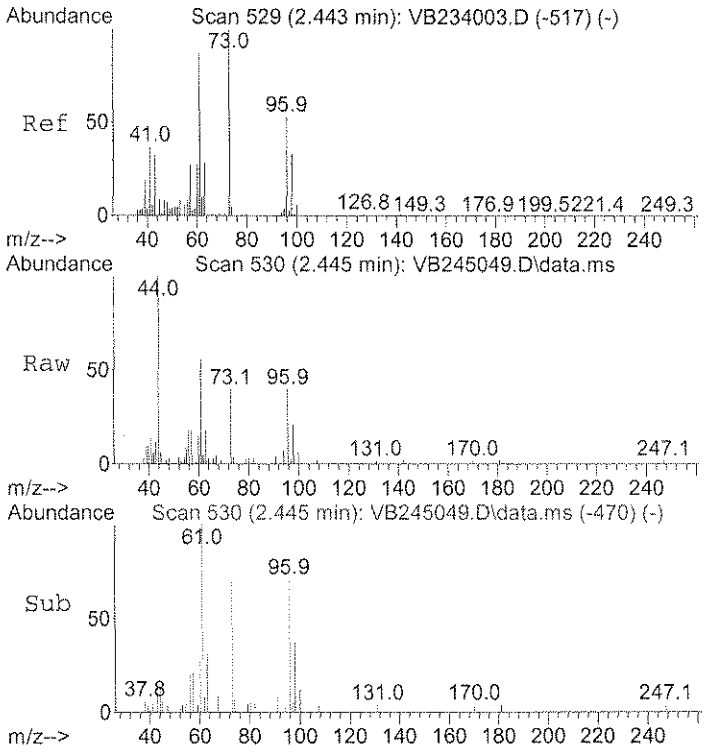


#22
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.35 UG/L
RT: 2.454 min Scan# 533
Delta R.T. 0.003 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 73 Resp: 5673

Ion	Ratio	Lower	Upper
73	100		
57	41.2	17.6	26.4#

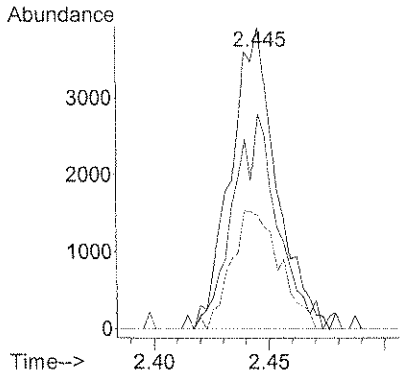


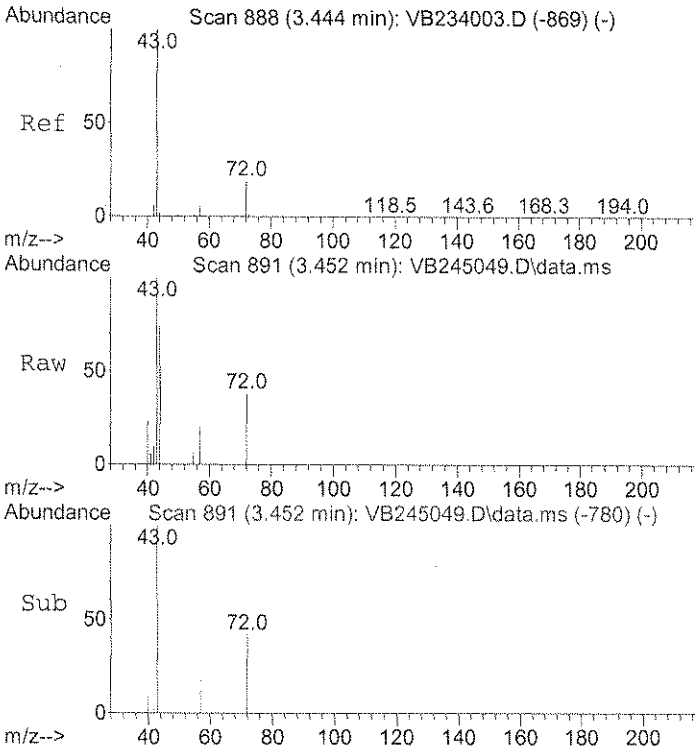


#23
TRANS 1,2-DICHLOROETHENE
Concen: 0.75 UG/L
RT: 2.445 min Scan# 530
Delta R.T. 0.003 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 61 Resp: 5366

Ion	Ratio	Lower	Upper
61	100		
96	71.9	59.4	89.0
98	42.0	37.8	56.8

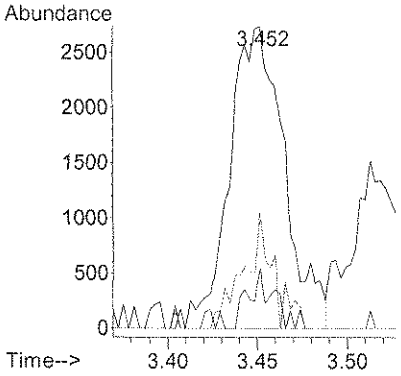


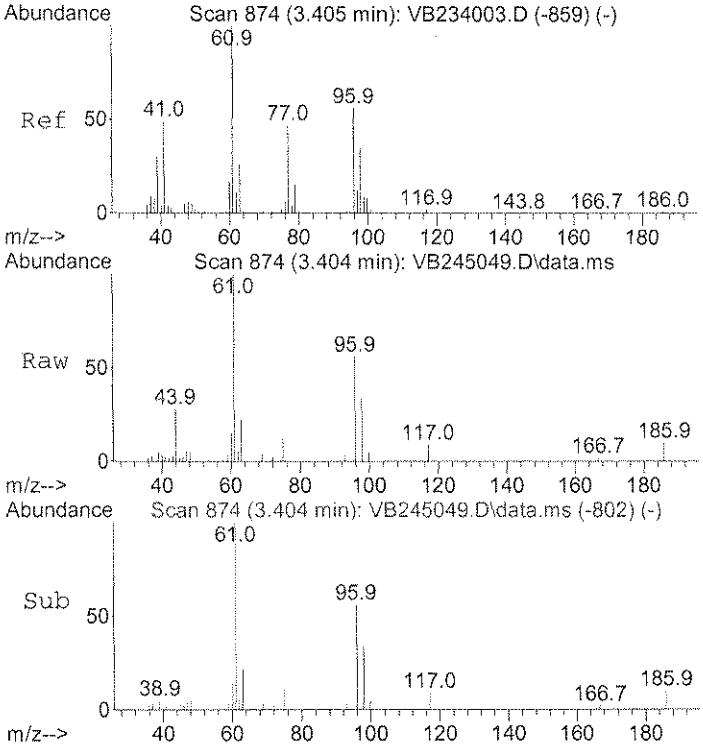


#27
2-BUTANONE
Concen: 1.84 UG/L
RT: 3.452 min Scan# 891
Delta R.T. 0.008 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 43 Resp: 5804

Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.8	11.8#
72	18.4	20.6	31.0#

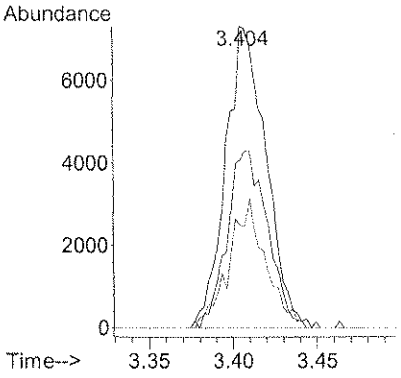


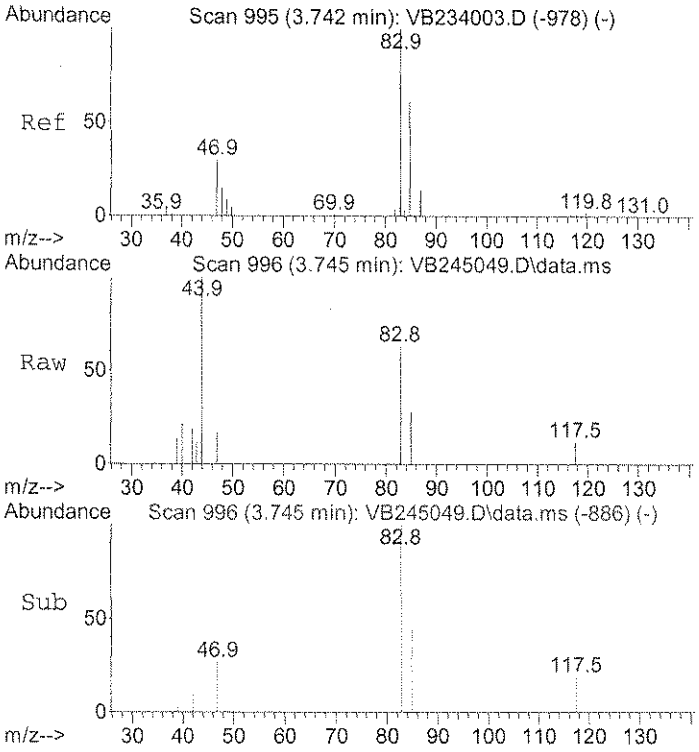


#29
CIS-1,2-DICHLOROETHENE
Concen: 1.17 UG/L
RT: 3.404 min Scan# 874
Delta R.T. -0.000 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 61 Resp: 12368

Ion	Ratio	Lower	Upper
61	100		
96	59.0	45.1	67.7
98	38.6	28.9	43.3

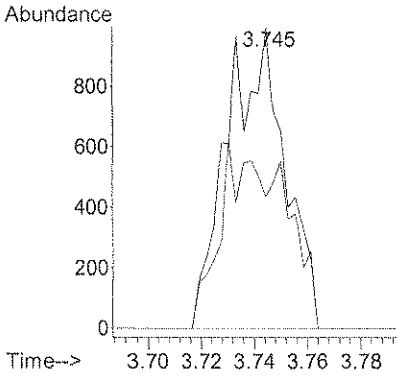


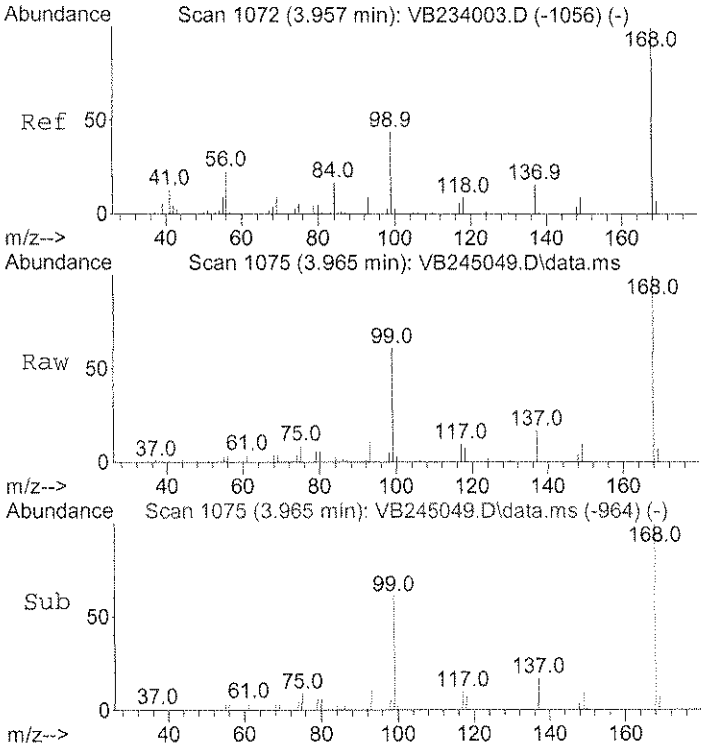


#34
CHLOROFORM
Concen: 0.16 UG/L
RT: 3.745 min Scan# 996
Delta R.T. 0.005 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 83 Resp: 1499

Ion	Ratio	Lower	Upper
83	100		
85	69.0	51.6	77.4

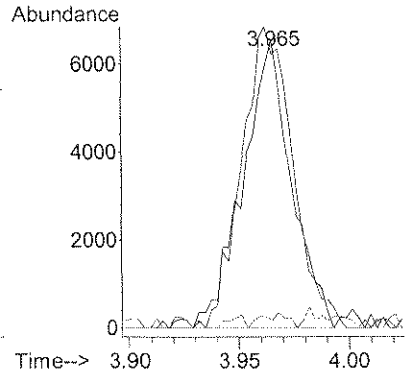


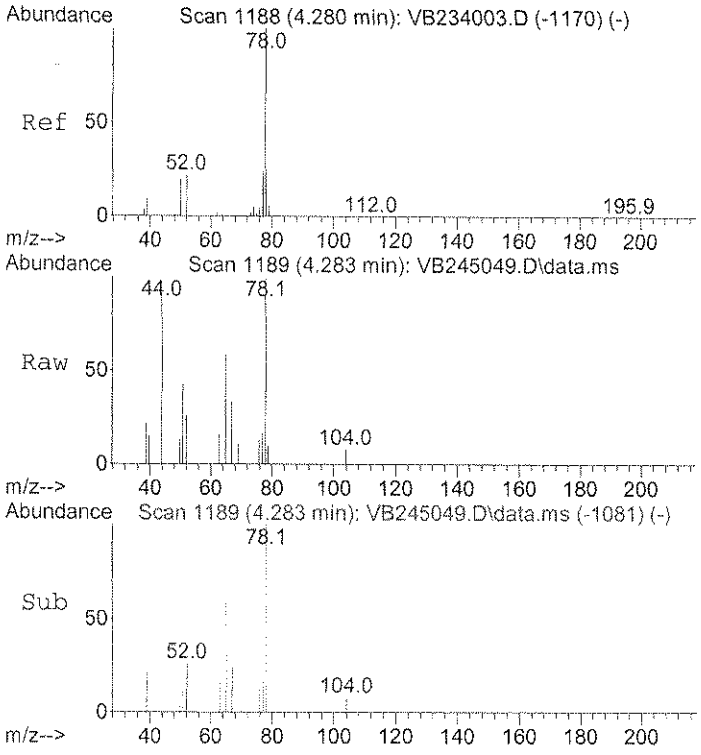


#36
CYCLOHEXANE
Concen: 1.07 UG/L
RT: 3.965 min Scan# 1075
Delta R.T. 0.008 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 56 Resp: 10003

Ion	Ratio	Lower	Upper
56	100		
84	111.7	52.8	79.2#
41	1.4	35.4	53.2#

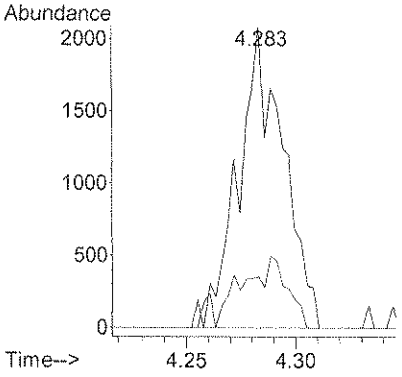


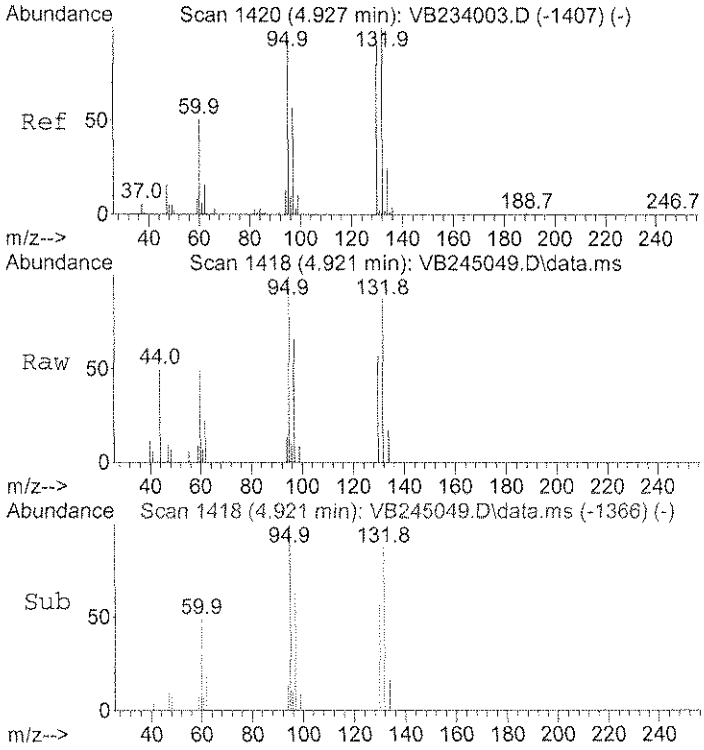


#39
BENZENE
Concen: 0.14 UG/L
RT: 4.283 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 78 Resp: 2996

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8

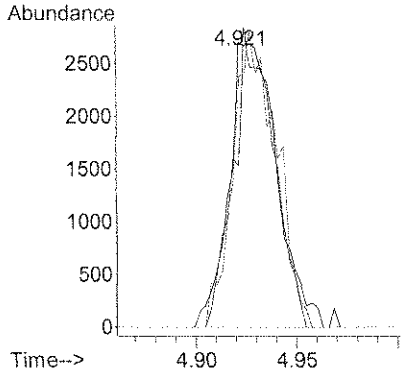


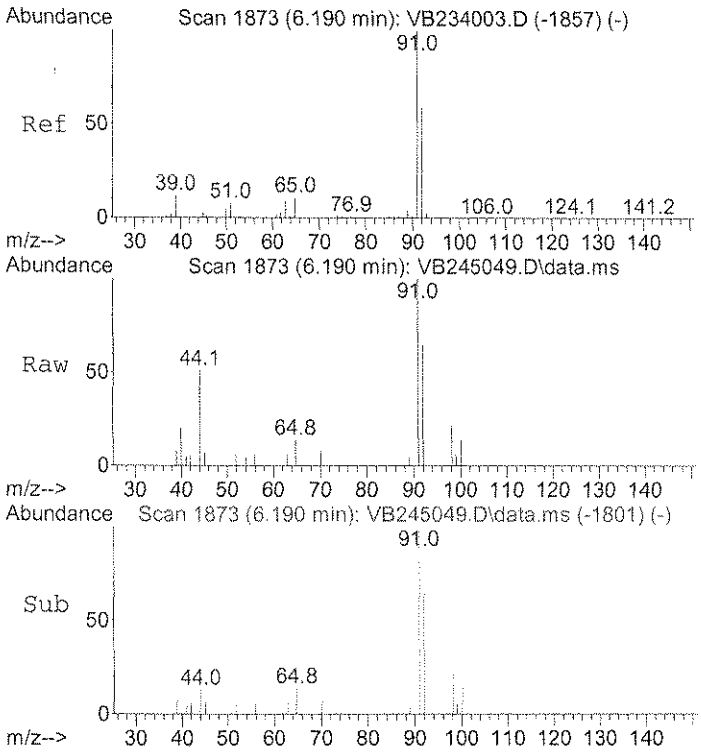


#44
TRICHLOROETHENE
Concen: 0.87 UG/L
RT: 4.921 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 95 Resp: 4490

Ion	Ratio	Lower	Upper
95	100		
130	88.6	74.5	111.7
132	94.3	76.8	115.2

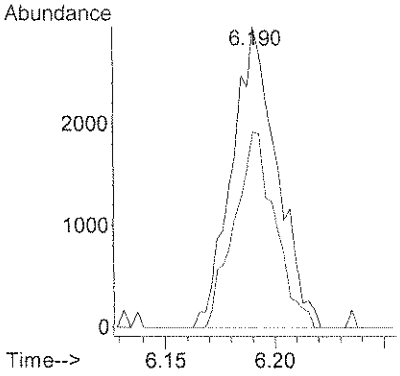


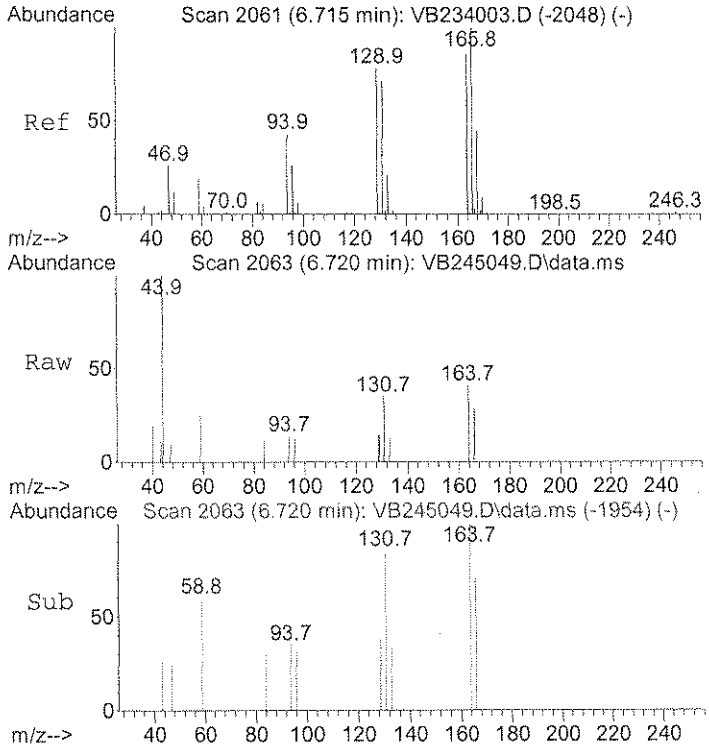


#53
TOLUENE
Concen: 0.19 UG/L
RT: 6.190 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion: 91 Resp: 4265

Ion	Ratio	Lower	Upper
91	100		
92	58.9	48.6	73.0

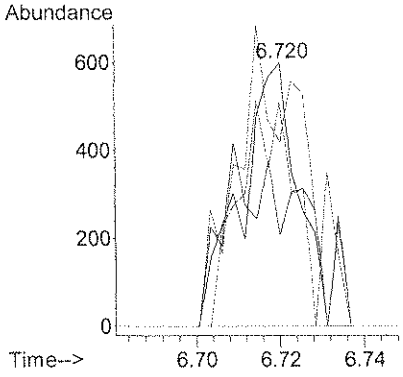


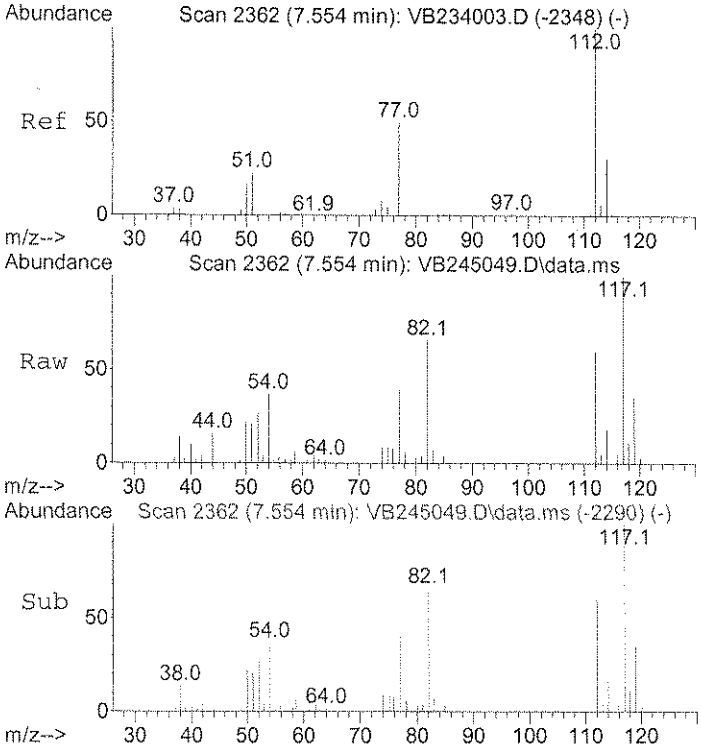


#58
TETRACHLOROETHENE
Concen: 0.16 UG/L
RT: 6.720 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion:164 Resp: 562

Ion	Ratio	Lower	Upper
164	100		
129	0.0	69.0	103.6#
131	0.0	70.2	105.4#
166	128.5	100.9	151.3

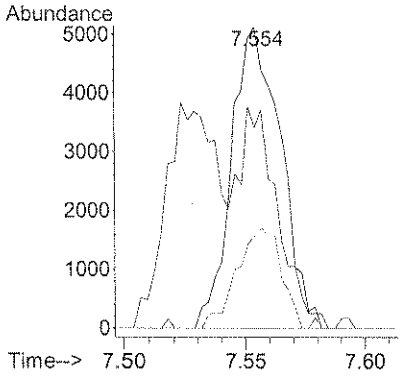


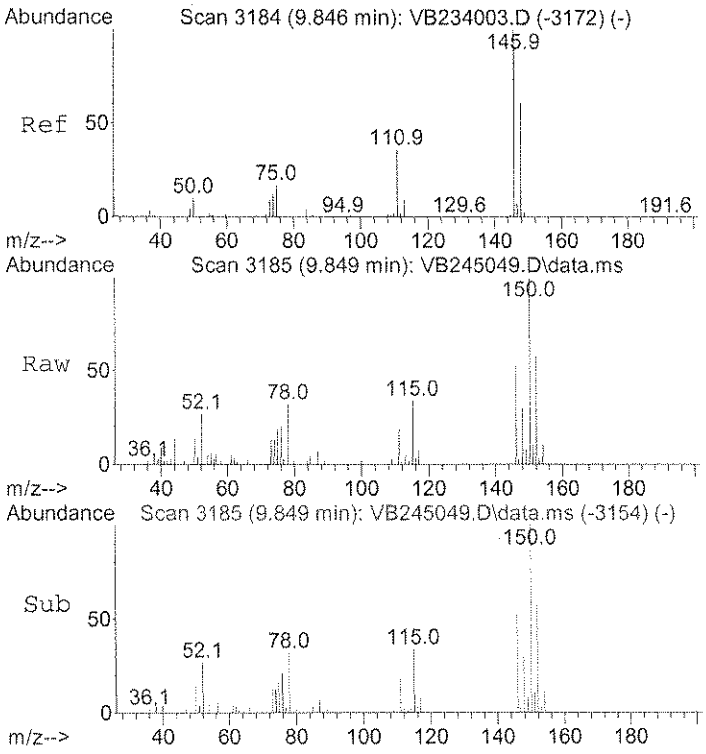


#64
CHLOROBENZENE
Concen: 0.52 UG/L
RT: 7.554 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion:112 Resp: 7345

Ion	Ratio	Lower	Upper
112	100		
77	0.0	46.4	69.6#
114	30.0	25.8	38.6

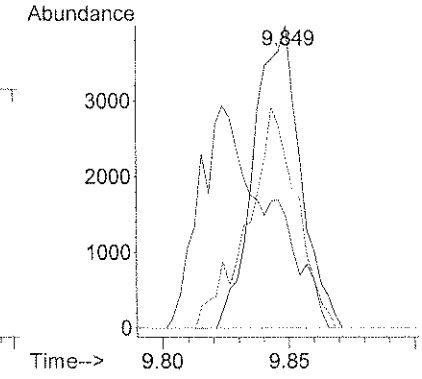


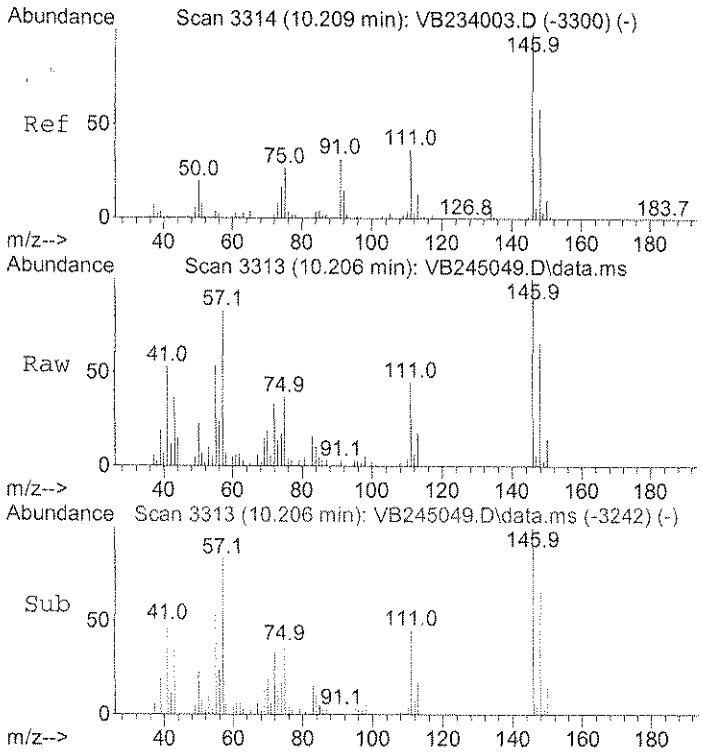


#87
1,4-DICHLOROBENZENE
Concen: 0.48 UG/L
RT: 9.849 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion:146 Resp: 5139

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.5	45.7#
148	77.3	51.1	76.7#

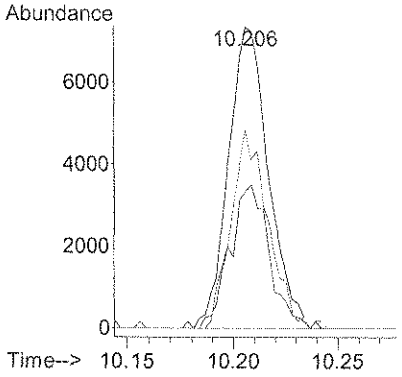


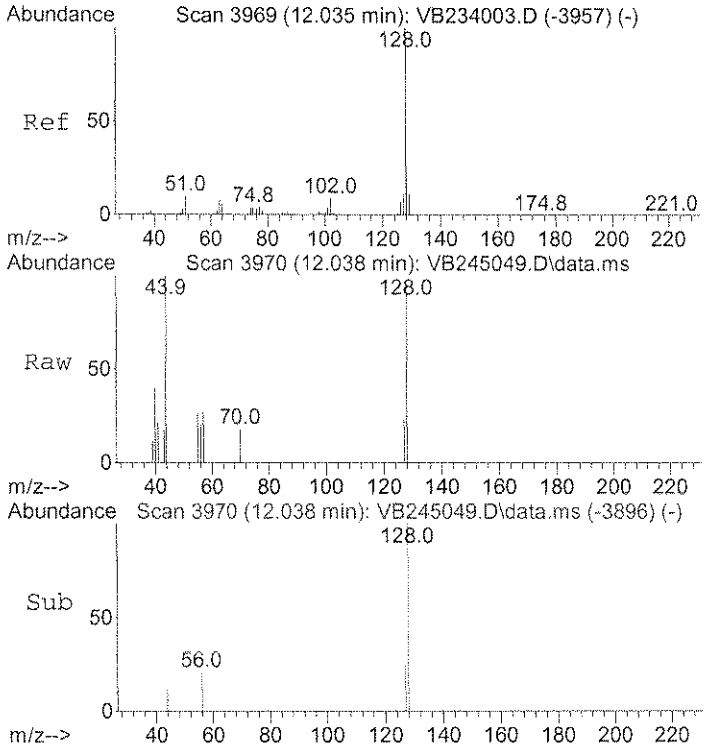


#89
1,2-DICHLOROBENZENE
Concen: 0.96 UG/L
RT: 10.206 min Scan# 3313
Delta R.T. -0.003 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion:146 Resp: 9803

Ion	Ratio	Lower	Upper
146	100		
111	46.4	32.1	48.1
148	60.7	50.8	76.2

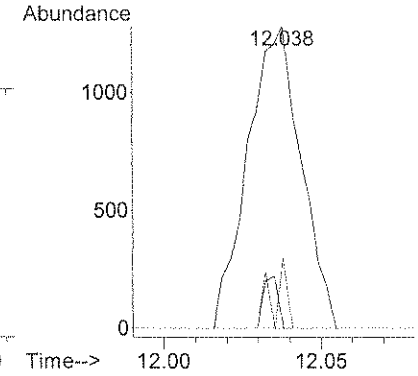




#94
NAPHTHALENE
Concen: 0.14 UG/L
RT: 12.038 min Scan# 3970
Delta R.T. 0.005 min
Lab File: VB245049.D
Acq: 3 Sep 2011 11:02 am

Tgt Ion:128 Resp: 1510

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	9.9	14.9#



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

1 - FORM I
ANALYSIS DATA SHEET

IDWS-1

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	11I0023-09	File ID:	VA245014.D
Sampled:	08/31/11 12:30	Prepared:	09/02/11 07:36	Analyzed:	09/02/11 10:27
Solids:	86.20	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	4.6 g / 10 mL				
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.017	0.13	V-16
107-13-1	Acrylonitrile		0.0064	0.0076	V-16
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00088	0.0013	
71-43-2	Benzene		0.00038	0.0025	
108-86-1	Bromobenzene		0.00038	0.0025	
74-97-5	Bromochloromethane		0.00063	0.0025	
75-27-4	Bromodichloromethane		0.00050	0.0025	
75-25-2	Bromoform		0.00050	0.0025	
74-83-9	Bromomethane		0.0011	0.013	
78-93-3	2-Butanone (MEK)		0.0090	0.050	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.0092	0.050	V-16
104-51-8	n-Butylbenzene		0.00038	0.0025	
135-98-8	sec-Butylbenzene		0.00038	0.0025	
98-06-6	tert-Butylbenzene		0.00038	0.0025	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00050	0.0013	
75-15-0	Carbon Disulfide		0.00050	0.0076	
56-23-5	Carbon Tetrachloride		0.00063	0.0025	
108-90-7	Chlorobenzene		0.00038	0.0025	
124-48-1	Chlorodibromomethane		0.00050	0.0013	
75-00-3	Chloroethane		0.00063	0.025	
67-66-3	Chloroform		0.00038	0.0050	
74-87-3	Chloromethane		0.00038	0.013	
95-49-8	2-Chlorotoluene		0.00038	0.0025	
106-43-4	4-Chlorotoluene		0.00038	0.0025	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0018	0.0050	

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1 - FORM I
ANALYSIS DATA SHEET

IDWS-1

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	11I0023-09	File ID:	VA245014.D
Sampled:	08/31/11 12:30	Prepared:	09/02/11 07:36	Analyzed:	09/02/11 10:27
Solids:	86.20	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	4.6 g / 10 mL				
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00050	0.0013	
74-95-3	Dibromomethane		0.00050	0.0025	
95-50-1	1,2-Dichlorobenzene		0.00038	0.0025	
541-73-1	1,3-Dichlorobenzene		0.00038	0.0025	
106-46-7	1,4-Dichlorobenzene		0.00025	0.0025	
110-57-6	trans-1,4-Dichloro-2-butene		0.0011	0.0050	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00050	0.025	
75-34-3	1,1-Dichloroethane		0.0014	0.0025	
107-06-2	1,2-Dichloroethane		0.00050	0.0025	
75-35-4	1,1-Dichloroethylene		0.00063	0.0050	
156-59-2	cis-1,2-Dichloroethylene		0.00038	0.0025	
156-60-5	trans-1,2-Dichloroethylene		0.00050	0.0025	
78-87-5	1,2-Dichloropropane		0.0014	0.0025	
142-28-9	1,3-Dichloropropane		0.00038	0.0013	
594-20-7	2,2-Dichloropropane		0.0010	0.0025	
563-58-6	1,1-Dichloropropene		0.0024	0.0025	
10061-01-5	cis-1,3-Dichloropropene		0.00050	0.0013	
10061-02-6	trans-1,3-Dichloropropene		0.00050	0.0013	
60-29-7	Diethyl Ether		0.00050	0.025	
108-20-3	Diisopropyl Ether (DIPE)		0.00050	0.0013	
123-91-1	1,4-Dioxane		0.020	0.13	V-05, V-16
100-41-4	Ethylbenzene		0.00038	0.0025	
87-68-3	Hexachlorobutadiene		0.00050	0.0025	
591-78-6	2-Hexanone (MBK)		0.0077	0.025	
98-82-8	Isopropylbenzene (Cumene)		0.00050	0.0025	

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1 - FORM I
ANALYSIS DATA SHEET

IDWS-1

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	11I0023-09	File ID:	VA245014.D
Sampled:	08/31/11 12:30	Prepared:	09/02/11 07:36	Analyzed:	09/02/11 10:27
Solids:	86.20	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	4.6 g / 10 mL				
Batch:	B036681	Sequence:	S001097	Calibration:	1100032	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00038	0.0025	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00050	0.0050	
75-09-2	Methylene Chloride		0.00076	0.025	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0074	0.025	
91-20-3	Naphthalene		0.00038	0.0050	V-05
103-65-1	n-Propylbenzene		0.00038	0.0025	
100-42-5	Styrene		0.00038	0.0025	
630-20-6	1,1,1,2-Tetrachloroethane		0.00038	0.0025	
79-34-5	1,1,2,2-Tetrachloroethane		0.00050	0.0013	
127-18-4	Tetrachloroethylene		0.00063	0.0025	
109-99-9	Tetrahydrofuran		0.0019	0.013	V-16
108-88-3	Toluene		0.00050	0.0025	
87-61-6	1,2,3-Trichlorobenzene		0.00038	0.0025	V-05
120-82-1	1,2,4-Trichlorobenzene		0.00050	0.0025	V-05
108-70-3	1,3,5-Trichlorobenzene		0.00038	0.0025	
71-55-6	1,1,1-Trichloroethane		0.00063	0.0025	
79-00-5	1,1,2-Trichloroethane		0.00038	0.0025	
79-01-6	Trichloroethylene		0.00050	0.0025	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00063	0.013	
96-18-4	1,2,3-Trichloropropane		0.0010	0.0025	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00076	0.013	
95-63-6	1,2,4-Trimethylbenzene		0.00038	0.0025	
108-67-8	1,3,5-Trimethylbenzene		0.00050	0.0025	
75-01-4	Vinyl Chloride		0.00063	0.013	
108383/106423	m+p Xylene		0.00088	0.0050	

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1 - FORM I
ANALYSIS DATA SHEET

IDWS-1

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	11I0023-09	File ID:	VA245014.D
Sampled:	08/31/11 12:30	Prepared:	09/02/11 07:36	Analyzed:	09/02/11 10:27
Solids:	86.20	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	4.6 g / 10 mL				
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00050	0.0025	

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245014.D
Acq On : 2 Sep 2011 10:27 am
Operator : MFF
Sample : 11I0023-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 03 15:16:15 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

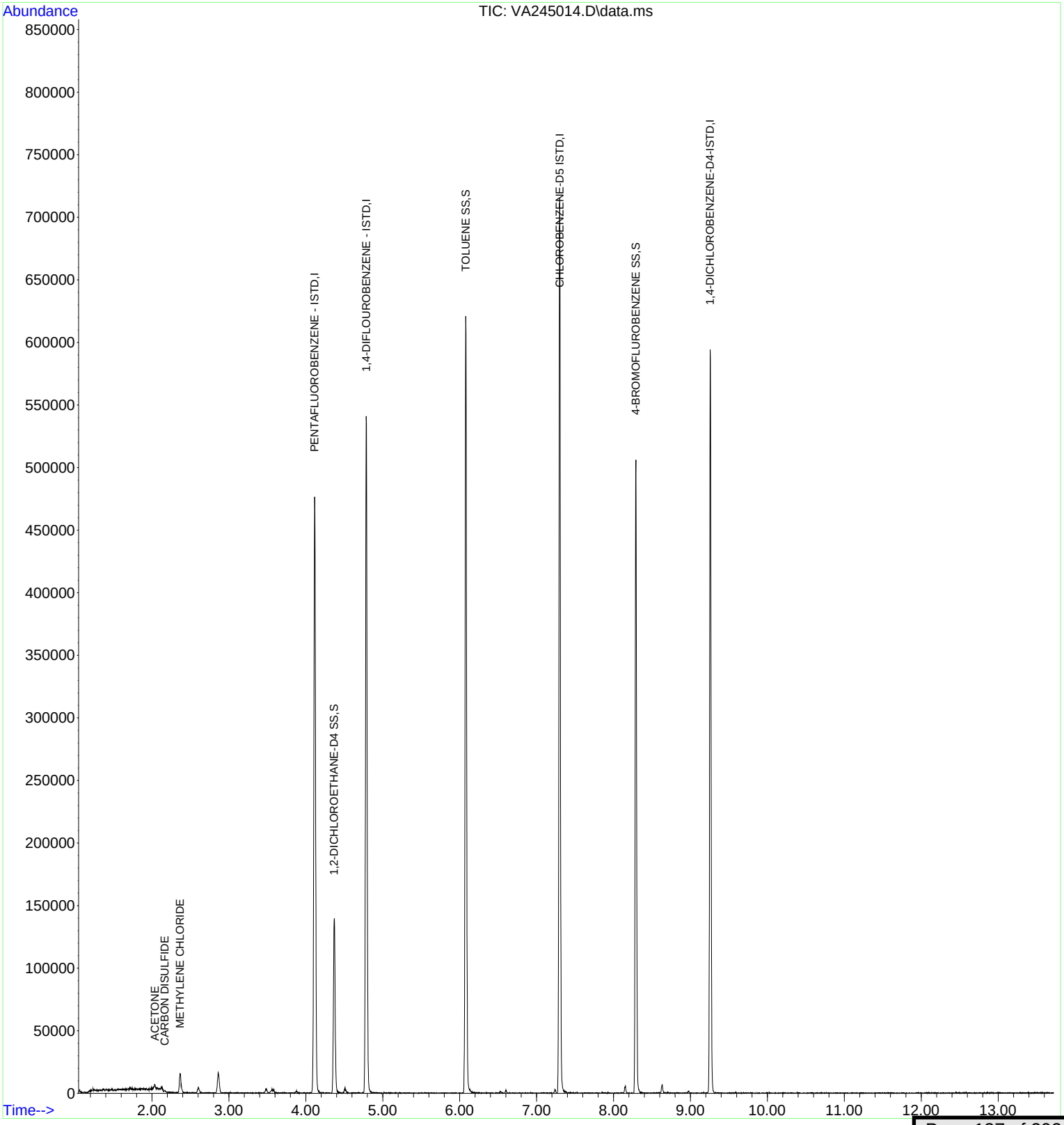
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.115	168	246189	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.785	114	301137	30.00	UG/L	0.00
67) CHLOROBENZENE-D5 ISTD	7.300	117	281083	30.00	UG/L	0.00
85) 1,4-DICHLOROBENZENE-D4...	9.256	152	114528	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.368	65	92254	26.38	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.52%			
48) TOLUENE SS	6.079	98	286432	26.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.92%			
68) 4-BROMOFLUROBENZENE SS	8.291	95	114589	25.16	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%			
Target Compounds						Qvalue
12) ACETONE	2.039	58	579	8.33	UG/L #	13
21) METHYLENE CHLORIDE	2.365	49	6810	1.66	UG/L	95
22) CARBON DISULFIDE	2.165	76	1101	0.13	UG/L #	75

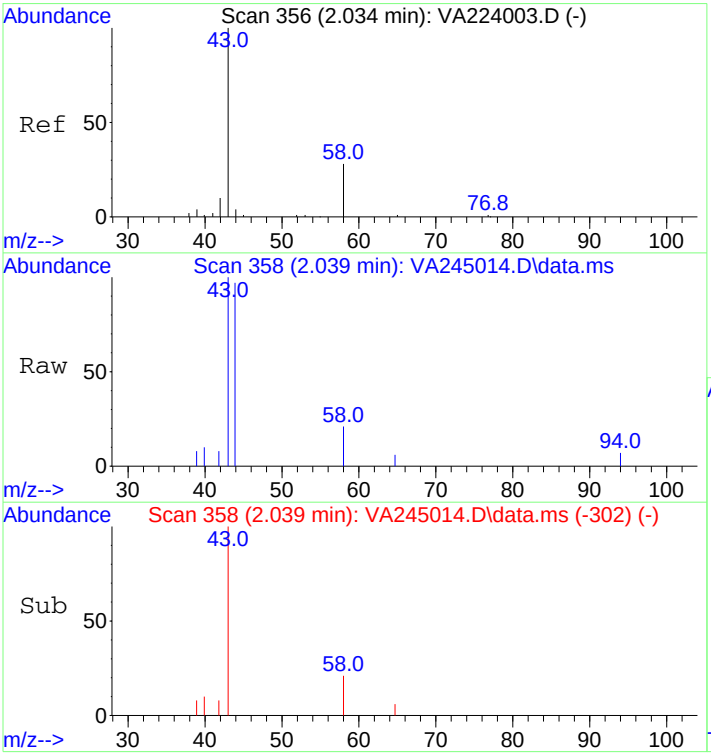
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245014.D
Acq On : 2 Sep 2011 10:27 am
Operator : MFF
Sample : 11I0023-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 03 15:16:15 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

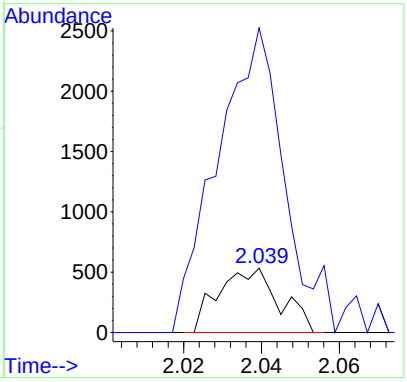


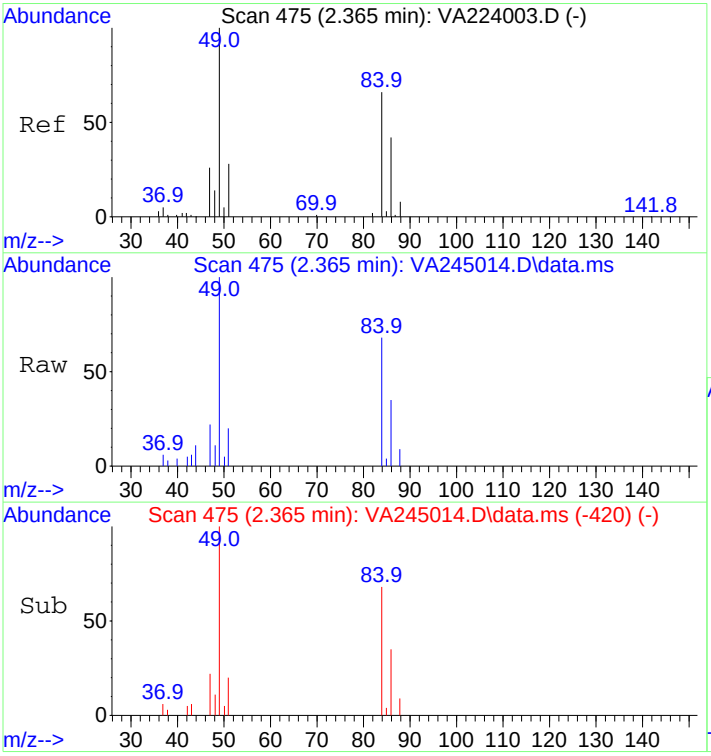


#12
ACETONE
Concen: 8.33 UG/L
RT: 2.039 min Scan# 358
Delta R.T. 0.007 min
Lab File: VA245014.D
Acq: 2 Sep 2011 10:27 am

Tgt Ion: 58 Resp: 579

Ion	Ratio	Lower	Upper
58	100		
43	527.3	273.3	409.9#

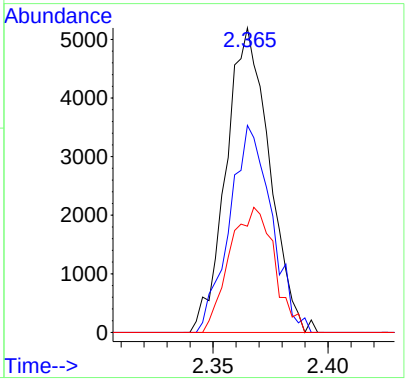


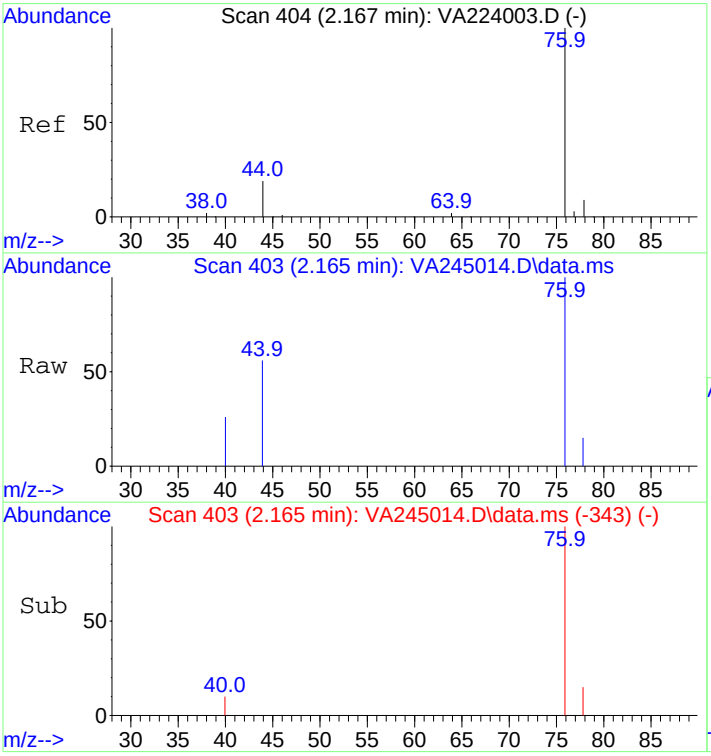


#21
METHYLENE CHLORIDE
Concen: 1.66 UG/L
RT: 2.365 min Scan# 475
Delta R.T. 0.001 min
Lab File: VA245014.D
Acq: 2 Sep 2011 10:27 am

Tgt Ion: 49 Resp: 6810

Ion	Ratio	Lower	Upper
49	100		
84	66.1	55.8	83.8
86	42.5	37.3	55.9

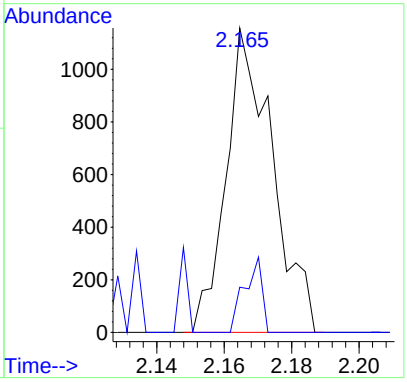




#22
CARBON DISULFIDE
Concen: 0.13 UG/L
RT: 2.165 min Scan# 403
Delta R.T. -0.002 min
Lab File: VA245014.D
Acq: 2 Sep 2011 10:27 am

Tgt Ion: 76 Resp: 1101

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



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VOLATILES CALIBRATION DATA

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100031 Instrument: GCMSVOA2

Calibration Date: 9/2/2011 10:31:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	~~0.1760941~~	0.5	0.2299566	1	0.2215959	2	0.2176272	5	0.2287192	10	0.2630103
Ethyl Methacrylate	0.4	0.2657367	0.5	0.2879552	1	0.2820983	2	0.2970408	5	0.3041956	10	0.3238131
Acetone	4	0.139126	5	0.1369249	10	0.1334968	20	0.119834	50	0.1130712	100	0.1189978
Acrolein	4	5.383341E-02	5	4.437084E-02	10	5.171196E-02	20	5.101421E-02	50	5.122521E-02	100	5.275836E-02
Acrylonitrile	0.4	~~0.4073169~~	0.5	~~0.3271928~~	1	0.28203	2	0.251758	5	0.2432728	10	0.2433456
tert-Amyl Methyl Ether (TAME)	0.4	1.06015	0.5	1.082018	1	1.144724	2	1.098443	5	1.134296	10	1.215603
Benzene	0.4	1.681825	0.5	1.784786	1	1.87676	2	1.715418	5	1.732758	10	1.809037
Bromobenzene	0.4	0.9385813	0.5	0.9553682	1	1.063569	2	0.9986682	5	0.9885973	10	1.063418
Bromochloromethane	0.4	0.164053	0.5	0.1733188	1	0.2053737	2	0.1899906	5	0.1850183	10	0.1961769
Bromodichloromethane	0.4	~~0.2376277~~	0.5	0.2298113	1	0.2641106	2	0.2589019	5	0.2788186	10	0.3255929
Bromoform	0.4	0.1186434	0.5	0.1004061	1	0.1362203	2	0.158508	5	0.1840835	10	0.2255075
Bromomethane	0.4	0.6567751	0.5	0.5262339	1	0.5163438	2	0.4061762	5	0.2761622	10	0.2595133
2-Butanone (MEK)	4	0.2318516	5	0.2329392	10	0.2600961	20	0.2512736	50	0.2735465	100	0.2895577
tert-Butyl Alcohol (TBA)	4	0.0519376	5	5.652765E-02	10	5.887328E-02	20	5.237821E-02	50	5.495474E-02	100	5.718353E-02
n-Butylbenzene	0.4	1.440991	0.5	1.368972	1	1.446852	2	1.48503	5	1.49038	10	1.581885
sec-Butylbenzene	0.4	1.679674	0.5	1.768005	1	1.830036	2	1.781464	5	1.864251	10	1.979818
tert-Butylbenzene	0.4	1.221828	0.5	1.244775	1	1.350422	2	1.324037	5	1.3724	10	1.447203
tert-Butyl Ethyl Ether (TBEE)	0.4	1.651604	0.5	1.70471	1	1.924787	2	1.782494	5	1.824228	10	1.950535
Carbon Disulfide	4	0.7145315	5	0.7373552	10	0.8564789	20	0.8805561	50	0.9294647	100	1.013814
Carbon Tetrachloride	0.4	~~0.3393682~~	0.5	0.3466376	1	0.4057818	2	0.3765326	5	0.3968755	10	0.4444022
Chlorobenzene	0.4	1.211527	0.5	1.383116	1	1.385405	2	1.330656	5	1.37782	10	1.440382
Chlorodibromomethane	0.4	0.1101922	0.5	0.1254383	1	0.1368423	2	0.1454333	5	0.1672642	10	0.2000774
Chloroethane	0.4		0.5		1		2		5	0.3632104	10	0.3981101
2-Chloroethyl Vinyl Ether	4	0.2119044	5	0.2267516	10	0.2525781	20	0.2498157	50	0.2627315	100	0.2852114
Chloroform	0.4	1.006842	0.5	0.9471291	1	0.8564867	2	0.7886763	5	0.776934	10	0.7884235
Chloromethane	0.4	0.7082059	0.5	0.6712276	1	0.7127949	2	0.6286393	5	0.5913417	10	0.6198264

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100031 Instrument: GCMSVOA2

Calibration Date: 9/2/2011 10:31:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	1.510667	0.5	1.504136	1	1.689023	2	1.566727	5	1.642073	10	1.704311
4-Chlorotoluene	0.4	1.750815	0.5	1.784029	1	1.936902	2	1.850959	5	1.916754	10	2.018342
Cyclohexane	0.4	~~2.600071~~	0.5	~~2.239671~~	1	~~1.580532~~	2	~~1.120569~~	5	0.8830643	10	0.8387342
1,2-Dibromo-3-chloropropane (D	0.4	4.323963E-02	0.5	3.966293E-02	1	4.512224E-02	2	6.164617E-02	5	7.045593E-02	10	8.639096E-02
1,2-Dibromoethane (EDB)	0.4	0.1815277	0.5	0.1932092	1	0.223348	2	0.2272532	5	0.2420934	10	0.2655289
Dibromomethane	0.4	0.1555446	0.5	0.1476473	1	0.1721893	2	0.1639072	5	0.1702628	10	0.1819335
1,2-Dichlorobenzene	0.4	1.022926	0.5	1.020419	1	1.14793	2	1.061941	5	1.096619	10	1.18406
1,3-Dichlorobenzene	0.4	0.9712856	0.5	1.01461	1	1.138094	2	1.080565	5	1.104843	10	1.185829
1,4-Dichlorobenzene	0.4	1.145232	0.5	1.141611	1	1.247706	2	1.14201	5	1.161632	10	1.240223
trans-1,4-Dichloro-2-butene	0.4	~~0.1956845~~	0.5	~~0.1841074~~	1	~~0.1886963~~	2	0.1894881	5	0.2289917	10	0.2570498
Dichlorodifluoromethane (Freon	0.4	0.4300291	0.5	0.4862725	1	0.493921	2	0.462906	5	0.4606375	10	0.4427342
1,1-Dichloroethane	0.4	0.8243945	0.5	0.8606228	1	0.9298843	2	0.8533498	5	0.8441711	10	0.8845375
1,2-Dichloroethane	0.4	0.4511619	0.5	0.4853584	1	0.5480947	2	0.5023684	5	0.5094384	10	0.5342577
1,1-Dichloroethylene	0.4	0.5728716	0.5	0.6784237	1	0.6982861	2	0.6864153	5	0.6328878	10	0.6784304
cis-1,2-Dichloroethylene	0.4	0.7836628	0.5	0.8581731	1	0.945557	2	0.8981059	5	0.8958787	10	0.952358
trans-1,2-Dichloroethylene	0.4	0.5963345	0.5	0.5977355	1	0.6557682	2	0.6680866	5	0.6373868	10	0.6715723
Dichlorofluoromethane (Freon 2	0.4	0.8929063	0.5	0.8378096	1	0.8858147	2	0.8423836	5	0.805464	10	0.8524892
1,2-Dichloropropane	0.4	0.2697523	0.5	0.3142629	1	0.3389145	2	0.3255538	5	0.3271525	10	0.3575583
1,3-Dichloropropane	0.4	0.4359263	0.5	0.415967	1	0.4833968	2	0.466004	5	0.4743619	10	0.5002727
2,2-Dichloropropane	0.4	0.5000425	0.5	0.5077077	1	0.5275164	2	0.4997572	5	0.5125468	10	0.5479794
1,1-Dichloropropene	0.4	0.4726378	0.5	0.5274587	1	0.599595	2	0.5676857	5	0.564782	10	0.5946671
cis-1,3-Dichloropropene	0.4	~~0.2799094~~	0.5	0.2878598	1	0.3278897	2	0.3249704	5	0.3600307	10	0.4078163
trans-1,3-Dichloropropene	0.4	0.2239275	0.5	0.2445856	1	0.2434633	2	0.2444145	5	0.2891353	10	0.3272672
Diethyl Ether	0.4	0.4439192	0.5	0.390886	1	0.4361185	2	0.4315186	5	0.4225044	10	0.4389794
Difluorochloromethane (Freon 2	0.4	0.7147755	0.5	0.8433215	1	0.8296415	2	0.7486864	5	0.7516309	10	0.7512781
Diisopropyl Ether (DIPE)	0.4	1.257615	0.5	1.41212	1	1.432728	2	1.370312	5	1.312317	10	1.379987

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100031 Instrument: GCMSVOA2

Calibration Date: 9/2/2011 10:31:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4		5		10		20	2.399175E-03	50	2.886725E-03	100	3.029106E-03
Ethyl Acetate	0.4	~~1.158882~~	0.5	0.9397799	1	0.79946	2	0.6795178	5	0.7096659	10	0.7081203
Ethylbenzene	0.4	2.279317	0.5	2.223328	1	2.409186	2	2.27972	5	2.332572	10	2.482376
Hexachlorobutadiene	0.4	0.198161	0.5	0.2247566	1	0.2439643	2	0.213854	5	0.2230538	10	0.2420932
2-Hexanone (MBK)	4	0.2026922	5	0.2106143	10	0.2425349	20	0.2376156	50	0.2606942	100	0.2797011
Iodomethane	4	~~0.387364~~	5	~~0.3369458~~	10	~~0.4156587~~	20	0.4275816	50	0.5273176	100	0.619326
Isopropylbenzene (Cumene)	0.4	1.474347	0.5	1.521374	1	1.69301	2	1.626477	5	1.712978	10	1.790801
p-Isopropyltoluene (p-Cymene)	0.4	1.419742	0.5	1.459315	1	1.524422	2	1.556516	5	1.595854	10	1.698347
Methyl Acetate	0.4	0.8223297	0.5	0.9076271	1	0.9014098	2	0.8858997	5	0.8176734	10	0.877726
Methyl tert-Butyl Ether (MTBE)	0.4	1.342269	0.5	1.316886	1	1.505505	2	1.446843	5	1.40132	10	1.478553
Methyl Cyclohexane	0.4	0.2990424	0.5	0.2798531	1	0.3102404	2	0.2825534	5	0.2882868	10	0.2929751
Methylene Chloride	0.4	~~1.846065~~	0.5	~~1.61606~~	1	~~1.195~~	2	~~0.8798547~~	5	0.6612472	10	0.6459631
4-Methyl-2-pentanone (MIBK)	4	0.303932	5	0.3093921	10	0.3503938	20	0.3472241	50	0.3676756	100	0.3897511
Naphthalene	0.4	0.9596727	0.5	1.126788	1	1.083745	2	1.086489	5	1.183003	10	1.271296
n-Propylbenzene	0.4	2.015396	0.5	2.259403	1	2.390426	2	2.248198	5	2.402314	10	2.506887
Styrene	0.4	1.449914	0.5	1.399821	1	1.436612	2	1.389324	5	1.457045	10	1.58222
1,1,1,2-Tetrachloroethane	0.4	0.2885741	0.5	0.2619443	1	0.3267293	2	0.302721	5	0.3654602	10	0.4149488
1,1,2,2-Tetrachloroethane	0.4	0.5016479	0.5	0.5740028	1	0.5985354	2	0.5873139	5	0.6360174	10	0.6909061
Tetrachloroethylene	0.4	0.1678275	0.5	0.1828196	1	0.1786687	2	0.1740678	5	0.1780822	10	0.1911254
Tetrahydrofuran	0.4		0.5		1	0.2291154	2	0.1717007	5	0.1586913	10	0.1903816
Toluene	0.4	1.137826	0.5	1.176413	1	1.2134	2	1.145989	5	1.140979	10	1.208975
1,2,3-Trichlorobenzene	0.4	0.3002066	0.5	0.3956277	1	0.4148204	2	0.389656	5	0.4010846	10	0.4317583
1,2,4-Trichlorobenzene	0.4	0.4531513	0.5	0.5066038	1	0.5582989	2	0.5004987	5	0.543117	10	0.5758644
1,3,5-Trichlorobenzene	0.4	0.5168989	0.5	0.6316021	1	0.6475294	2	0.6137007	5	0.6361845	10	0.6717779
1,1,1-Trichloroethane	0.4	0.500418	0.5	0.4956122	1	0.5327923	2	0.5324233	5	0.5665816	10	0.6093608
1,1,2-Trichloroethane	0.4	0.2190852	0.5	0.2083648	1	0.2577762	2	0.2377299	5	0.252034	10	0.2664884

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100031 Instrument: GCMSVOA2

Calibration Date: 9/2/2011 10:31:47AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.2365647	0.5	0.2611709	1	0.2804543	2	0.2630585	5	0.2583204	10	0.2738045
Trichlorofluoromethane (Freon 1	0.4	0.4951623	0.5	0.6099842	1	0.6255092	2	0.6154643	5	0.5840657	10	0.5898804
1,2,3-Trichloropropane	0.4	0.1540823	0.5	0.1725563	1	0.1947687	2	0.1712247	5	0.1872082	10	0.2039677
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.3190962	0.5	0.3328578	1	0.3689278	2	0.3521201	5	0.3409325	10	0.3424154
1,2,4-Trimethylbenzene	0.4	1.727856	0.5	1.775818	1	1.903347	2	1.860429	5	1.955457	10	2.061826
1,3,5-Trimethylbenzene	0.4	1.445072	0.5	1.512489	1	1.632287	2	1.580796	5	1.688562	10	1.821834
Vinyl Acetate	4	0.6674742	5	0.6721309	10	0.7735303	20	0.7573315	50	0.7443316	100	0.7885818
Vinyl Chloride	0.4	0.6098492	0.5	0.6135057	1	0.7155881	2	0.6509979	5	0.6069952	10	0.6563356
m+p Xylene	0.8	1.681258	1	1.69242	2	1.885423	4	1.808728	10	1.900422	20	1.989526
o-Xylene	0.4	1.837762	0.5	1.778876	1	1.959016	2	1.934294	5	1.957084	10	2.081159
1,2-Dichloroethane-d4	25	0.7716723	25	0.7799652	25	0.7810811	25	0.7825615	25	0.7861554	25	0.7854025
Toluene-d8	25	1.234281	25	1.237797	25	1.232935	25	1.241562	25	1.224239	25	1.223793
4-Bromofluorobenzene	25	0.9297766	25	0.9212976	25	0.9321309	25	0.9319099	25	0.9570817	25	0.9315218

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100031 Instrument: GCMSVOA2

Calibration Date: 9/2/2011 10:31:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2787872	50	0.2990306	100	0.3139264	200	~~0.3208863~~				
Ethyl Methacrylate	20	0.3402751	50	0.3309321	100	0.3371508	200	0.3211435				
Acetone	200	0.1101914	500	0.1103255	1000	0.1022367	2000	8.948421E-02				
Acrolein	200	5.039788E-02	500	5.027986E-02	1000	4.911145E-02	2000	4.424716E-02				
Acrylonitrile	20	0.2278268	50	0.2196294	100	0.2035771	200	0.1712493				
tert-Amyl Methyl Ether (TAME)	20	1.201777	50	1.214056	100	1.241081	200	1.246142				
Benzene	20	1.798876	50	1.74397	100	1.756231	200	1.717866				
Bromobenzene	20	1.043056	50	1.023847	100	1.049303	200	1.040918				
Bromochloromethane	20	0.1895415	50	0.1855955	100	0.182955	200	0.1724382				
Bromodichloromethane	20	0.3371255	50	~~0.3609644~~	100	~~0.3856042~~	200	~~0.3837953~~				
Bromoform	20	0.2639663	50	0.3308136	100	0.3851389	200	0.4311061				
Bromomethane	20	~~0.1351529~~	50	~~0.2659646~~	100	~~0.1985399~~	200	~~2.576782E-02~~				
2-Butanone (MEK)	200	0.2863824	500	0.2887222	1000	0.2823189	2000	0.264325				
tert-Butyl Alcohol (TBA)	200	5.652475E-02	500	5.596775E-02	1000	5.439378E-02	2000	0.0526912				
n-Butylbenzene	20	1.550442	50	1.503028	100	1.514619	200	1.400783				
sec-Butylbenzene	20	1.944566	50	1.889055	100	1.913028	200	1.820783				
tert-Butylbenzene	20	1.432888	50	1.40504	100	1.426872	200	1.366007				
tert-Butyl Ethyl Ether (TBEE)	20	1.900914	50	1.888305	100	1.914787	200	1.863106				
Carbon Disulfide	200	0.9738438	500	0.8989738	1000	0.7281775	2000	~~0.4777767~~				
Carbon Tetrachloride	20	0.4662925	50	0.4901582	100	0.5183718	200	0.5220218				
Chlorobenzene	20	1.417587	50	1.414631	100	1.458202	200	1.478647				
Chlorodibromomethane	20	0.2245058	50	0.2535491	100	0.284964	200	0.2962222				
Chloroethane	20	0.32147	50	0.3115717	100	0.2818571	200	~~0.1757383~~				
2-Chloroethyl Vinyl Ether	200	0.2854236	500	0.2879938	1000	0.2558463	2000	0.1799403				
Chloroform	20	0.7788599	50	0.7519791	100	0.7501545	200	0.7201755				
Chloromethane	20	0.6369795	50	0.5714286	100	0.5969558	200	0.5946688				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100031 Instrument: GCMSVOA2

Calibration Date: 9/2/2011 10:31:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	1.667517	50	1.633287	100	1.694869	200	1.706876				
4-Chlorotoluene	20	1.987931	50	1.963768	100	2.058424	200	1.969264				
Cyclohexane	20	0.7922539	50	0.7502758	100	0.7403068	200	0.7197154				
1,2-Dibromo-3-chloropropane (D	20	9.462958E-02	50	0.1110823	100	0.1212011	200	0.1193298				
1,2-Dibromoethane (EDB)	20	0.263833	50	0.2684774	100	0.280756	200	0.2809932				
Dibromomethane	20	0.1807402	50	0.183855	100	0.1884459	200	0.1834987				
1,2-Dichlorobenzene	20	1.163125	50	1.165723	100	1.206248	200	1.192026				
1,3-Dichlorobenzene	20	1.166091	50	1.153901	100	1.171214	200	1.148104				
1,4-Dichlorobenzene	20	1.20621	50	1.188736	100	1.22255	200	1.209119				
trans-1,4-Dichloro-2-butene	20	0.2559555	50	0.2722528	100	0.2889883	200	0.2949666				
Dichlorodifluoromethane (Freon	20	0.435765	50	0.4113778	100	0.3935587	200	0.3571515				
1,1-Dichloroethane	20	0.8477644	50	0.8241574	100	0.792057	200	0.7184641				
1,2-Dichloroethane	20	0.5145427	50	0.4943062	100	0.4936662	200	0.465099				
1,1-Dichloroethylene	20	0.6491104	50	0.6233048	100	0.5705011	200	0.4728994				
cis-1,2-Dichloroethylene	20	0.9193399	50	0.9005668	100	0.8970775	200	0.8555382				
trans-1,2-Dichloroethylene	20	0.6304886	50	0.6004869	100	0.5535166	200	0.4630822				
Dichlorofluoromethane (Freon 2	20	0.8011145	50	0.7752613	100	0.7392067	200	0.6437957				
1,2-Dichloropropane	20	0.3426226	50	0.3369718	100	0.342177	200	0.3355754				
1,3-Dichloropropane	20	0.4847951	50	0.4790605	100	0.4896606	200	0.4803703				
2,2-Dichloropropane	20	0.5398677	50	0.5490358	100	0.5633746	200	0.5511837				
1,1-Dichloropropene	20	0.5851209	50	0.5687411	100	0.5684483	200	0.5522256				
cis-1,3-Dichloropropene	20	0.4229977	50	~~0.4436878~~	100	~~0.4699896~~	200	~~0.4729428~~				
trans-1,3-Dichloropropene	20	~~0.3667971~~	50	~~0.393184~~	100	~~0.4266025~~	200	~~0.4299355~~				
Diethyl Ether	20	0.4214285	50	0.4104734	100	0.3863054	200	0.3276602				
Difluorochloromethane (Freon 2	20	0.7521484	50	0.7420896	100	0.7296892	200	0.6660225				
Diisopropyl Ether (DIPE)	20	1.273013	50	1.157554	100	0.9998017	200	~~0.7881826~~				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100031 Instrument: GCMSVOA2

Calibration Date: 9/2/2011 10:31:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.389887E-03	500	3.274992E-03	1000	3.460674E-03	2000	3.411091E-03				
Ethyl Acetate	20	0.7217468	50	0.6260933	100	0.6157627	200	~~0.6014465~~				
Ethylbenzene	20	2.446164	50	2.392081	100	2.443797	200	2.432563				
Hexachlorobutadiene	20	0.2348568	50	0.228445	100	0.2354368	200	0.2248814				
2-Hexanone (MBK)	200	0.2807432	500	0.2831307	1000	0.2582766	2000	0.1977201				
Iodomethane	200	0.6334517	500	0.6394803	1000	0.5652533	2000	~~0.4004417~~				
Isopropylbenzene (Cumene)	20	1.800326	50	1.794772	100	1.848238	200	1.87631				
p-Isopropyltoluene (p-Cymene)	20	1.662413	50	1.630757	100	1.654938	200	1.581169				
Methyl Acetate	20	0.8136689	50	0.809262	100	0.7528051	200	0.6651792				
Methyl tert-Butyl Ether (MTBE)	20	1.405349	50	1.360557	100	1.27688	200	1.126558				
Methyl Cyclohexane	20	0.2966258	50	0.29434	100	0.3008449	200	0.3019832				
Methylene Chloride	20	0.5792939	50	0.536011	100	0.4991967	200	~~0.4270583~~				
4-Methyl-2-pentanone (MIBK)	200	0.3880011	500	0.3826144	1000	0.3307128	2000	0.2381128				
Naphthalene	20	1.27529	50	1.277505	100	1.302266	200	1.23508				
n-Propylbenzene	20	2.462168	50	2.43784	100	2.510838	200	2.516577				
Styrene	20	1.587865	50	1.605258	100	1.685737	200	1.715909				
1,1,1,2-Tetrachloroethane	20	0.4324648	50	0.4628852	100	0.4906186	200	0.5080104				
1,1,2,2-Tetrachloroethane	20	0.6880127	50	0.6817673	100	0.7030971	200	0.7249075				
Tetrachloroethylene	20	0.1906497	50	0.1941311	100	0.2031112	200	0.2094764				
Tetrahydrofuran	20	0.1759034	50	0.1829562	100	0.1815626	200	0.1795679				
Toluene	20	1.188908	50	1.168801	100	1.218516	200	1.214161				
1,2,3-Trichlorobenzene	20	0.4244802	50	0.4279823	100	0.4326873	200	0.4158693				
1,2,4-Trichlorobenzene	20	0.5701333	50	0.5710009	100	0.5866247	200	0.5664269				
1,3,5-Trichlorobenzene	20	0.6642804	50	0.6636697	100	0.6874542	200	0.663866				
1,1,1-Trichloroethane	20	0.6154881	50	0.6180819	100	0.6331905	200	0.6267903				
1,1,2-Trichloroethane	20	0.2650197	50	0.2613122	100	0.2670374	200	0.2668512				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100031 Instrument: GCMSVOA2

Calibration Date: 9/2/2011 10:31:47AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.2714449	50	0.2678785	100	0.2772339	200	0.2733684				
Trichlorofluoromethane (Freon 1	20	0.5735433	50	0.5643186	100	0.5411422	200	0.4876389				
1,2,3-Trichloropropane	20	0.1984513	50	0.1972599	100	0.2046198	200	0.2115403				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.3354096	50	0.3246252	100	0.3069683	200	0.2744603				
1,2,4-Trimethylbenzene	20	2.015212	50	1.968845	100	1.987946	200	1.862581				
1,3,5-Trimethylbenzene	20	1.816817	50	1.81831	100	1.916154	200	1.876191				
Vinyl Acetate	200	0.7383148	500	0.6862918	1000	0.5632814	2000	~~0.4066925~~				
Vinyl Chloride	20	0.6389562	50	0.6218818	100	0.5760217	200	0.4991696				
m+p Xylene	40	1.955546	100	1.933336	200	1.997321	400	1.875271				
o-Xylene	20	2.057614	50	2.058081	100	2.128468	200	2.106562				
1,2-Dichloroethane-d4	25	0.7699833	25	0.7595173	25	0.7470032	25	0.7256652				
Toluene-d8	25	1.217769	25	1.206584	25	1.220075	25	1.209023				
4-Bromofluorobenzene	25	0.9348514	25	0.9352446	25	0.9327104	25	0.9428588				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100031	Instrument:	GCMSVOA2
		Calibration Date:	9/2/2011 10:31:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2565817	14.62092			15	
Ethyl Methacrylate	0.3090341	8.230807			15	
Acetone	0.1173689	13.47388			15	
Acrolein	4.989503E-02	6.458626			15	
Acrylonitrile	0.2303361	14.48854			15	
tert-Amyl Methyl Ether (TAME)	1.163829	5.893493			15	
Benzene	1.761753	3.223163			15	
Bromobenzene	1.016533	4.369129			15	
Bromochloromethane	0.1844462	6.566018			15	
Bromodichloromethane	0.2823935	14.62251			15	
Bromoform	0.2334394	49.65797	0.9952638		0.995	
Bromomethane	0.4402008	35.31266	0.9934893		0.995	*
2-Butanone (MEK)	0.2661013	8.236639			15	
tert-Butyl Alcohol (TBA)	5.514325E-02	4.149099			15	
n-Butylbenzene	1.478298	4.418493			15	
sec-Butylbenzene	1.847068	4.879064			15	
tert-Butylbenzene	1.359147	5.664907			15	
tert-Butyl Ethyl Ether (TBEE)	1.840547	5.40068			15	
Carbon Disulfide	0.8592439	12.81341			15	
Carbon Tetrachloride	0.440786	14.31827			15	
Chlorobenzene	1.389797	5.469603			15	
Chlorodibromomethane	0.1944489	34.83779	0.9986342		0.995	
Chloroethane	0.3352439	13.61599			15	
2-Chloroethyl Vinyl Ether	0.2498197	14.02023			15	
Chloroform	0.8165661	11.3481			15	
Chloromethane	0.6332068	7.805844			15	
2-Chlorotoluene	1.631949	4.778663			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100031	Instrument:	GCMSVOA2
		Calibration Date:	9/2/2011 10:31:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	1.923719	5.193233			15	
Cyclohexane	0.7873917	8.029797			15	
1,2-Dibromo-3-chloropropane (DBCP)	7.927606E-02	40.07276	0.9993697		0.995	
1,2-Dibromoethane (EDB)	0.242702	14.6331			15	
Dibromomethane	0.1728024	7.821868			15	
1,2-Dichlorobenzene	1.126102	6.233417			15	
1,3-Dichlorobenzene	1.113454	6.415613			15	
1,4-Dichlorobenzene	1.190503	3.428358			15	
trans-1,4-Dichloro-2-butene	0.2553847	14.31808			15	
Dichlorodifluoromethane (Freon 12)	0.4374353	9.60812			15	
1,1-Dichloroethane	0.8379403	6.687979			15	
1,2-Dichloroethane	0.4998294	5.845402			15	
1,1-Dichloroethylene	0.6263131	11.20219			15	
cis-1,2-Dichloroethylene	0.8906258	5.500885			15	
trans-1,2-Dichloroethylene	0.6074458	10.34898			15	
Dichlorofluoromethane (Freon 21)	0.8076246	9.241363			15	
1,2-Dichloropropane	0.3290541	7.250301			15	
1,3-Dichloropropane	0.4709815	5.480733			15	
2,2-Dichloropropane	0.5299012	4.432587			15	
1,1-Dichloropropene	0.5601362	6.621781			15	
cis-1,3-Dichloropropene	0.3552608	14.67104			15	
trans-1,3-Dichloropropene	0.2621322	14.67774			15	
Diethyl Ether	0.4109794	8.55276			15	
Difluorochloromethane (Freon 22)	0.7529284	6.821947			15	
Diisopropyl Ether (DIPE)	1.288383	10.74791			15	
1,4-Dioxane	3.121664E-03	12.26749			15	
Ethyl Acetate	0.7250183	14.3707			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100031	Instrument:	GCMSVOA2
		Calibration Date:	9/2/2011 10:31:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	2.37211	3.692683			15	
Hexachlorobutadiene	0.2269503	6.020385			15	
2-Hexanone (MBK)	0.2453723	13.32779			15	
Iodomethane	0.5687351	14.37166			15	
Isopropylbenzene (Cumene)	1.713863	7.945184			15	
p-Isopropyltoluene (p-Cymene)	1.578347	5.710101			15	
Methyl Acetate	0.8253581	9.061795			15	
Methyl tert-Butyl Ether (MTBE)	1.366072	8.083318			15	
Methyl Cyclohexane	0.2946745	3.132951			15	
Methylene Chloride	0.5843424	11.89422			15	
4-Methyl-2-pentanone (MIBK)	0.340781	13.90904			15	
Naphthalene	1.180113	9.549408			15	
n-Propylbenzene	2.375005	6.689545			15	
Styrene	1.53097	7.781726			15	
1,1,1,2-Tetrachloroethane	0.3854357	22.96077	0.9994204		0.995	
1,1,2,2-Tetrachloroethane	0.6386208	11.1729			15	
Tetrachloroethylene	0.186996	7.011621			15	
Tetrahydrofuran	0.1837349	11.19117			15	
Toluene	1.181397	2.715379			15	
1,2,3-Trichlorobenzene	0.4034173	9.741645			15	
1,2,4-Trichlorobenzene	0.543172	7.880425			15	
1,3,5-Trichlorobenzene	0.6396964	7.54533			15	
1,1,1-Trichloroethane	0.5730739	9.42167			15	
1,1,2-Trichloroethane	0.2501699	8.535588			15	
Trichloroethylene	0.2663299	4.749077			15	
Trichlorofluoromethane (Freon 11)	0.5686709	8.40975			15	
1,2,3-Trichloropropane	0.1895679	9.586818			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100031	Instrument:	GCMSVOA2
		Calibration Date:	9/2/2011 10:31:47AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3297813	7.880253			15	
1,2,4-Trimethylbenzene	1.911932	5.557682			15	
1,3,5-Trimethylbenzene	1.710851	9.508049			15	
Vinyl Acetate	0.7101409	9.927684			15	
Vinyl Chloride	0.6189301	9.110815			15	
m+p Xylene	1.871925	6.009518			15	
o-Xylene	1.989892	5.879049			15	
1,2-Dichloroethane-d4	0.7689007	2.554909			15	
Toluene-d8	1.224806	0.965922			15	
4-Bromofluorobenzene	0.9349384	1.008158			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100032 Instrument: GCMSVOA1

Calibration Date: 8/1/2011 3:01:05PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Ethyl Methacrylate	0.2		0.5	0.1375517	1	0.1332191	2	0.1358579	5	0.1587723	10	0.1582475
Acetone	2	~~1.293181E-02~~	5	~~1.364962E-02~~	10	~~1.209064E-02~~	20	8.911593E-03	50	9.653754E-03	100	7.945696E-03
Acrylonitrile	0.2	6.106687E-02	0.5	4.925626E-02	1	5.501366E-02	2	4.381976E-02	5	4.537799E-02	10	4.542539E-02
tert-Amyl Methyl Ether (TAME)	0.2	0.5118841	0.5	0.6493984	1	0.5832684	2	0.5814091	5	0.5862457	10	0.5866822
Benzene	0.2	1.46321	0.5	1.187786	1	1.265809	2	1.223941	5	1.226736	10	1.146966
Bromobenzene	0.2	0.3404697	0.5	0.3872375	1	0.3881536	2	0.3742212	5	0.3922571	10	0.3903631
Bromochloromethane	0.2	0.1125546	0.5	0.1352709	1	0.1346289	2	0.1370696	5	0.1398507	10	0.1387748
Bromodichloromethane	0.2	0.3286525	0.5	0.328741	1	0.3389891	2	0.3475016	5	0.3697831	10	0.37463
Bromoform	0.2	~~7.763319E-02~~	0.5	~~0.1213304~~	1	0.1287121	2	0.1313482	5	0.1545617	10	0.1548801
Bromomethane	0.2	~~0.5861223~~	0.5	~~0.450658~~	1	0.4073483	2	0.3689246	5	0.2883251	10	0.297289
2-Butanone (MEK)	2	~~4.250733E-03~~	5	1.186071E-02	10	1.047114E-02	20	9.277742E-03	50	1.143924E-02	100	1.121018E-02
tert-Butyl Alcohol (TBA)	2	1.149494E-02	5	1.374764E-02	10	1.479806E-02	20	0.013642	50	1.415269E-02	100	1.422105E-02
n-Butylbenzene	0.2	1.737054	0.5	1.750506	1	1.915074	2	2.130759	5	2.522235	10	2.699684
sec-Butylbenzene	0.2	3.333123	0.5	3.493536	1	3.594975	2	3.528215	5	3.874383	10	3.556332
tert-Butylbenzene	0.2	2.527197	0.5	2.572333	1	2.514961	2	2.374793	5	2.451467	10	2.429131
tert-Butyl Ethyl Ether (TBEE)	0.2	0.9022331	0.5	0.8390717	1	0.9274438	2	0.8596823	5	0.9053249	10	0.8975263
Carbon Disulfide	2	1.058313	5	1.001274	10	1.163619	20	1.041493	50	1.067648	100	1.067963
Carbon Tetrachloride	0.2	0.6004909	0.5	0.5771069	1	0.6118261	2	0.6352684	5	0.6569363	10	0.6735352
Chlorobenzene	0.2	0.8372206	0.5	0.8607318	1	0.7980955	2	0.7880889	5	0.8475782	10	0.7831979
Chlorodibromomethane	0.2	~~0.1772561~~	0.5	0.2222132	1	0.2047073	2	0.2156549	5	0.2508514	10	0.248331
Chloroethane	0.2	0.2251093	0.5	0.2193251	1	0.2055904	2	0.2051025	5	0.1871478	10	0.181889
Chloroform	0.2	0.6735317	0.5	0.6442522	1	0.7104798	2	0.6457804	5	0.6687423	10	0.6747845
Chloromethane	0.2	~~0.9070227~~	0.5	~~0.6665523~~	1	0.5636119	2	0.4800685	5	0.427277	10	0.4577146
2-Chlorotoluene	0.2	1.305049	0.5	1.185979	1	1.084066	2	1.195778	5	1.174078	10	1.160459
4-Chlorotoluene	0.2	1.409068	0.5	1.335857	1	1.213182	2	1.366464	5	1.351747	10	1.315611
Cyclohexane	0.2	3.585583	0.5	1.746759	1	1.191633	2	0.8312171	5	0.6225384	10	0.5673927

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100032 Instrument: GCMSVOA1

Calibration Date: 8/1/2011 3:01:05PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,2-Dibromo-3-chloropropane (D	0.2		0.5	~~2.770205E-02~~	1	~~0.0280382~~	2	5.000935E-02	5	5.795879E-02	10	6.126581E-02
1,2-Dibromoethane (EDB)	0.2	0.1810175	0.5	0.1803497	1	0.1634567	2	0.1645961	5	0.1901001	10	0.1793749
Dibromomethane	0.2	0.1401122	0.5	0.1048458	1	0.1231721	2	0.1266559	5	0.1334243	10	0.1326253
1,2-Dichlorobenzene	0.2	1.131031	0.5	1.302436	1	1.203904	2	1.129169	5	1.231091	10	1.224992
1,3-Dichlorobenzene	0.2	1.539255	0.5	1.552194	1	1.532103	2	1.409683	5	1.469172	10	1.419642
1,4-Dichlorobenzene	0.2	1.767565	0.5	1.655527	1	1.610783	2	1.349351	5	1.452686	10	1.395022
trans-1,4-Dichloro-2-butene	0.2		0.5	4.180289E-02	1	3.449806E-02	2	4.628851E-02	5	4.781449E-02	10	5.340367E-02
Dichlorodifluoromethane (Freon	0.2	0.6070766	0.5	0.4906021	1	0.5299855	2	0.5156794	5	0.5020244	10	0.4770916
1,1-Dichloroethane	0.2	0.6902952	0.5	0.5454946	1	0.6419909	2	0.6314888	5	0.6483368	10	0.6330821
1,2-Dichloroethane	0.2	0.3098455	0.5	0.3597649	1	0.3621744	2	0.3641123	5	0.364603	10	0.3435329
1,1-Dichloroethylene	0.2	0.3484404	0.5	0.3367069	1	0.317843	2	0.3072108	5	0.3176945	10	0.3141174
cis-1,2-Dichloroethylene	0.2	0.3646052	0.5	0.297743	1	0.3655627	2	0.3140613	5	0.3541329	10	0.3413901
trans-1,2-Dichloroethylene	0.2	0.255044	0.5	0.3291102	1	0.2988045	2	0.3140022	5	0.3177431	10	0.3205764
Dichlorofluoromethane (Freon 2	0.2	0.7334012	0.5	0.7557527	1	0.8291609	2	0.7790114	5	0.7503887	10	0.7472203
1,2-Dichloropropane	0.2	0.2049964	0.5	0.1906287	1	0.2266367	2	0.2154661	5	0.2164765	10	0.2144816
1,3-Dichloropropane	0.2	0.2327367	0.5	0.2453877	1	0.2566811	2	0.2467526	5	0.2621257	10	0.2596372
2,2-Dichloropropane	0.2	0.7986589	0.5	0.6645919	1	0.7050402	2	0.6437725	5	0.6955367	10	0.648936
1,1-Dichloropropene	0.2	~~0.3604143~~	0.5	~~0.2386845~~	1	0.5282548	2	0.5093604	5	0.5344303	10	0.5533503
cis-1,3-Dichloropropene	0.2	0.2741122	0.5	0.3289279	1	0.3552188	2	0.3102221	5	0.353843	10	0.3476317
trans-1,3-Dichloropropene	0.2	0.2158104	0.5	0.2229608	1	0.2623808	2	0.2564736	5	0.2746759	10	0.2786162
Diethyl Ether	0.2	9.040292E-02	0.5	7.645747E-02	1	7.664825E-02	2	8.917498E-02	5	7.970299E-02	10	8.709033E-02
Difluorochloromethane (Freon 2	0.2	0.8842723	0.5	0.6383709	1	0.694532	2	0.6508002	5	0.600651	10	0.5839712
Diisopropyl Ether (DIPE)	0.2	0.9561157	0.5	0.884162	1	0.9597102	2	0.933857	5	1.000332	10	0.9260609
1,4-Dioxane	2		5		10		20	1.255234E-03	50	1.03601E-03	100	1.136562E-03
Ethyl Acetate	0.2	0.1999641	0.5	0.2168746	1	0.1809888	2	6.454851E-02	5	0.1691715	10	0.1481697
Ethylbenzene	0.2	1.917996	0.5	1.587083	1	1.59145	2	1.556766	5	1.58286	10	1.511599

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100032 Instrument: GCMSVOA1

Calibration Date: 8/1/2011 3:01:05PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Hexachlorobutadiene	0.2	0.1841214	0.5	0.4713745	1	0.5814122	2	0.5864824	5	0.7015939	10	0.7114001
2-Hexanone (MBK)	2	6.380278E-02	5	7.255103E-02	10	6.641635E-02	20	6.949561E-02	50	7.597531E-02	100	7.271722E-02
Iodomethane	2	~~0.3469437~~	5	0.3998579	10	0.5122946	20	0.5261265	50	0.5544228	100	0.574084
Isopropylbenzene (Cumene)	0.2	1.682052	0.5	1.525908	1	1.397373	2	1.470832	5	1.502359	10	1.429457
p-Isopropyltoluene (p-Cymene)	0.2	2.635566	0.5	2.845836	1	2.825772	2	2.880098	5	2.924824	10	3.034095
Methyl Acetate	0.2	0.3149135	0.5	0.2560835	1	0.2324173	2	0.2260084	5	0.2236591	10	0.2300254
Methyl tert-Butyl Ether (MTBE)	0.2	0.4843441	0.5	0.6217071	1	0.6316063	2	0.5941652	5	0.6481667	10	0.6365802
Methyl Cyclohexane	0.2	0.3366455	0.5	0.3777064	1	0.4534667	2	0.4713262	5	0.424802	10	0.4337154
Methylene Chloride	0.2	~~3.774771~~	0.5	~~1.745534~~	1	~~1.226125~~	2	~~0.7752909~~	5	0.5675164	10	0.518694
4-Methyl-2-pentanone (MIBK)	2	0.1133122	5	0.120339	10	0.1095894	20	0.1071951	50	0.1120185	100	0.1213162
Naphthalene	0.2		0.5	0.1160848	1	0.1258459	2	0.1961289	5	0.3534854	10	0.5222981
n-Propylbenzene	0.2	1.8429	0.5	1.925788	1	1.842116	2	1.966	5	1.933459	10	1.916426
Styrene	0.2	0.8042392	0.5	0.7863022	1	0.7728777	2	0.8545096	5	0.8924562	10	0.8896178
1,1,1,2-Tetrachloroethane	0.2	0.3577215	0.5	0.3117884	1	0.2809272	2	0.2906033	5	0.3191683	10	0.3125879
1,1,2,2-Tetrachloroethane	0.2	0.1364923	0.5	0.2116654	1	0.164118	2	0.1929289	5	0.1889898	10	0.196564
Tetrachloroethylene	0.2	~~0.1542175~~	0.5	0.2741689	1	0.292715	2	0.2873825	5	0.2818175	10	0.2764777
Tetrahydrofuran	0.2		0.5		1		2	~~3.307152E-03~~	5	1.690743E-02	10	1.632866E-02
Toluene	0.2	~~1.051782~~	0.5	0.679722	1	0.710341	2	0.6720693	5	0.6851756	10	0.6438705
1,2,3-Trichlorobenzene	0.2		0.5	0.1147656	1	0.127802	2	0.1891135	5	0.3230432	10	0.3913642
1,2,4-Trichlorobenzene	0.2	0.1925383	0.5	0.2282121	1	0.217133	2	0.3340304	5	0.4603889	10	0.55613
1,3,5-Trichlorobenzene	0.2	0.5365823	0.5	0.6674875	1	0.6311854	2	0.8149821	5	0.9813459	10	1.001836
1,1,1-Trichloroethane	0.2	0.6783213	0.5	0.6944887	1	0.709738	2	0.69149	5	0.7094562	10	0.7145505
1,1,2-Trichloroethane	0.2	9.732627E-02	0.5	0.1160592	1	0.1206604	2	0.1274582	5	0.1337481	10	0.1228735
Trichloroethylene	0.2	0.2849262	0.5	0.292858	1	0.3197645	2	0.3172533	5	0.3195633	10	0.3101687
Trichlorofluoromethane (Freon 1	0.2	0.8519428	0.5	0.7714363	1	0.8284192	2	0.7811965	5	0.7375381	10	0.7338275
1,2,3-Trichloropropane	0.2	~~0.127359~~	0.5	0.1961677	1	0.201037	2	0.2058011	5	0.1979816	10	0.2017693

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100032 Instrument: GCMSVOA1

Calibration Date: 8/1/2011 3:01:05PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,1,2-Trichloro-1,2,2-trifluoroeth	0.2	0.3669999	0.5	0.3803269	1	0.4109335	2	0.3991614	5	0.3887494	10	0.3866531
1,2,4-Trimethylbenzene	0.2	2.786019	0.5	2.797467	1	2.674061	2	2.686976	5	2.789336	10	2.669132
1,3,5-Trimethylbenzene	0.2	1.323316	0.5	1.372766	1	1.261398	2	1.460225	5	1.459183	10	1.472848
Vinyl Acetate	2	0.3538885	5	0.3933394	10	0.3992261	20	0.3886671	50	0.4217359	100	0.4248024
Vinyl Chloride	0.2	0.4915285	0.5	0.4641361	1	0.4720048	2	0.4061891	5	0.4506219	10	0.4213843
m+p Xylene	0.4	0.7354856	1	0.6081811	2	0.5718407	4	0.5823908	10	0.57909	20	0.5784018
o-Xylene	0.2	0.5434323	0.5	0.4779804	1	0.5442019	2	0.5540204	5	0.5560739	10	0.5290199
1,2-Dichloroethane-d4	25	0.4307298	25	0.4462617	25	0.424473	25	0.4213311	25	0.4337436	25	0.4231058
Toluene-d8	25	1.120394	25	1.062235	25	1.088073	25	1.088452	25	1.09627	25	1.104125
4-Bromofluorobenzene	25	0.4685472	25	0.489828	25	0.4536596	25	0.4685365	25	0.499786	25	0.4992861

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100032 Instrument: GCMSVOA1

Calibration Date: 8/1/2011 3:01:05PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Ethyl Methacrylate	20	0.1489709	50	0.1848673	80	0.1721909						
Acetone	200	7.770053E-03	500	8.242846E-03	800	8.281231E-03						
Acrylonitrile	20	4.378209E-02	50	5.358526E-02	80	4.586548E-02						
tert-Amyl Methyl Ether (TAME)	20	0.5644863	50	0.6429681	80	0.63504						
Benzene	20	1.145712	50	1.368752	80	1.319532						
Bromobenzene	20	0.3630965	50	0.4447422	80	0.4513817						
Bromochloromethane	20	0.1289288	50	0.1463399	80	0.1464908						
Bromodichloromethane	20	0.3591328	50	0.4019358	80	0.4124316						
Bromoform	20	0.154445	50	0.1897368	80	~~0.1954799~~						
Bromomethane	20	0.2729496	50	0.3324632	80	0.3229574						
2-Butanone (MEK)	200	1.065446E-02	500	1.198543E-02	800	1.214569E-02						
tert-Butyl Alcohol (TBA)	200	1.253426E-02	500	1.555938E-02	800	1.490225E-02						
n-Butylbenzene	20	2.678686	50	3.216734	80	3.300613						
sec-Butylbenzene	20	3.529459	50	4.282967	80	3.993018						
tert-Butylbenzene	20	2.395323	50	2.703459	80	2.671009						
tert-Butyl Ethyl Ether (TBEE)	20	0.8009461	50	0.9157768	80	0.9328765						
Carbon Disulfide	200	0.970483	500	1.142411	800	1.086659						
Carbon Tetrachloride	20	0.6573871	50	0.7695102	80	0.7637492						
Chlorobenzene	20	0.7698019	50	0.8603678	80	0.8794692						
Chlorodibromomethane	20	0.2360895	50	0.2875473	80	0.285694						
Chloroethane	20	0.1710119	50	0.2093853	80	0.1916095						
Chloroform	20	0.6347691	50	0.7407976	80	0.7189161						
Chloromethane	20	0.3830919	50	0.4379635	80	0.411667						
2-Chlorotoluene	20	1.105484	50	1.292315	80	1.314413						
4-Chlorotoluene	20	1.352207	50	1.535263	80	1.527974						
Cyclohexane	20	0.5645433	50	0.5806421	80	0.5842026						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100032 Instrument: GCMSVOA1

Calibration Date: 8/1/2011 3:01:05PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,2-Dibromo-3-chloropropane (D	20	5.534526E-02	50	7.069365E-02	80	7.201113E-02						
1,2-Dibromoethane (EDB)	20	0.1644558	50	0.1835542	80	0.1846997						
Dibromomethane	20	0.114511	50	0.1308968	80	0.1334233						
1,2-Dichlorobenzene	20	1.149917	50	1.313998	80	1.319011						
1,3-Dichlorobenzene	20	1.386252	50	1.664292	80	1.555073						
1,4-Dichlorobenzene	20	1.341418	50	1.55086	80	1.500384						
trans-1,4-Dichloro-2-butene	20	0.0507138	50	~~7.155869E-02~~	80	~~6.906912E-02~~						
Dichlorodifluoromethane (Freon	20	0.4411906	50	0.5095915	80	0.4830447						
1,1-Dichloroethane	20	0.5700624	50	0.6492665	80	0.6265269						
1,2-Dichloroethane	20	0.3380363	50	0.3667303	80	0.3734922						
1,1-Dichloroethylene	20	0.2914169	50	0.3488357	80	0.3388						
cis-1,2-Dichloroethylene	20	0.3275418	50	0.3865686	80	0.3569985						
trans-1,2-Dichloroethylene	20	0.2984013	50	0.3522426	80	0.3358128						
Dichlorofluoromethane (Freon 2	20	0.7142827	50	0.8210747	80	0.8055238						
1,2-Dichloropropane	20	0.2079439	50	0.2251622	80	0.2321784						
1,3-Dichloropropane	20	0.2264091	50	0.2464961	80	0.2609758						
2,2-Dichloropropane	20	0.6338227	50	0.7622633	80	0.7116553						
1,1-Dichloropropene	20	0.5298152	50	0.5923201	80	0.5797833						
cis-1,3-Dichloropropene	20	0.331001	50	0.375072	80	0.3826927						
trans-1,3-Dichloropropene	20	0.275215	50	0.3061925	80	0.3103263						
Diethyl Ether	20	7.010609E-02	50	8.873827E-02	80	8.020354E-02						
Difluorochloromethane (Freon 2	20	0.5502723	50	0.6346535	80	0.6059381						
Diisopropyl Ether (DIPE)	20	0.926015	50	1.039847	80	1.029321						
1,4-Dioxane	200	9.772195E-04	500	1.291934E-03	800	1.238565E-03						
Ethyl Acetate	20	0.1294762	50	0.1555618	80	0.1469991						
Ethylbenzene	20	1.507538	50	1.774141	80	1.704525						

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

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100032 Instrument: GCMSVOA1

Calibration Date: 8/1/2011 3:01:05PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Hexachlorobutadiene	20	0.7243308	50	0.8908511	80	0.8821502						
2-Hexanone (MBK)	200	7.011229E-02	500	8.074501E-02	800	0.0803398						
Iodomethane	200	0.5341872	500	0.6248846	800	0.593669						
Isopropylbenzene (Cumene)	20	1.468013	50	1.709345	80	1.644338						
p-Isopropyltoluene (p-Cymene)	20	2.856961	50	3.316866	80	3.243194						
Methyl Acetate	20	0.2056259	50	0.2338501	80	0.2155982						
Methyl tert-Butyl Ether (MTBE)	20	0.5838772	50	0.6811637	80	0.6453723						
Methyl Cyclohexane	20	0.4171323	50	0.4702029	80	0.4710911						
Methylene Chloride	20	0.446054	50	0.4699616	80	0.5031095						
4-Methyl-2-pentanone (MIBK)	200	0.1001916	500	0.1148224	800	0.1131855						
Naphthalene	20	0.6372538	50	0.9284014	80	1.059897						
n-Propylbenzene	20	1.908616	50	2.343585	80	2.265606						
Styrene	20	0.8430541	50	1.023475	80	1.003796						
1,1,1,2-Tetrachloroethane	20	0.3073874	50	0.369229	80	0.3675195						
1,1,2,2-Tetrachloroethane	20	0.1764808	50	0.2203251	80	0.219374						
Tetrachloroethylene	20	0.2757155	50	0.3002845	80	0.3148836						
Tetrahydrofuran	20	1.587878E-02	50	1.735083E-02	80	1.737037E-02						
Toluene	20	0.6056558	50	0.6982047	80	0.7087401						
1,2,3-Trichlorobenzene	20	0.4899038	50	0.6664505	80	0.6896059						
1,2,4-Trichlorobenzene	20	0.6208848	50	0.8511026	80	0.8692666						
1,3,5-Trichlorobenzene	20	0.9978573	50	1.215341	80	1.242951						
1,1,1-Trichloroethane	20	0.6820234	50	0.8132115	80	0.811441						
1,1,2-Trichloroethane	20	0.1216519	50	0.1332645	80	0.1388124						
Trichloroethylene	20	0.2988327	50	0.3399931	80	0.3322097						
Trichlorofluoromethane (Freon 1	20	0.6761109	50	0.8145404	80	0.773863						
1,2,3-Trichloropropane	20	0.1957703	50	0.2498057	80	0.2384554						

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

SW-846 8260C

Client: Ecology & Environment SDG: 11I0023

Project: 002699.ID25.02 - Farmingdale, NY

Calibration: 1100032 Instrument: GCMSVOA1

Calibration Date: 8/1/2011 3:01:05PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.3562833	50	0.4318874	80	0.4165647						
1,2,4-Trimethylbenzene	20	2.695786	50	2.936492	80	3.011697						
1,3,5-Trimethylbenzene	20	1.506349	50	1.749298	80	1.737369						
Vinyl Acetate	200	0.3835469	500	0.4277415	800	0.4175645						
Vinyl Chloride	20	0.3929157	50	0.4547736	80	0.4363068						
m+p Xylene	40	0.5560731	100	0.6593282	160	0.6853567						
o-Xylene	20	0.5118148	50	0.6081356	80	0.6079056						
1,2-Dichloroethane-d4	25	0.4041887	25	0.4337959	25	0.4179786						
Toluene-d8	25	1.067697	25	1.098852	25	1.064568						
4-Bromofluorobenzene	25	0.4812204	25	0.5064746	25	0.5071283						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100032	Instrument:	GCMSVOA1
		Calibration Date:	8/1/2011 3:01:05PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethyl Methacrylate	0.1537097	11.99772			15	
Acetone	8.467529E-03	8.263997			15	
Acrylonitrile	4.924364E-02	12.27102			15	
tert-Amyl Methyl Ether (TAME)	0.5934869	7.33253			15	
Benzene	1.260938	8.41875			15	
Bromobenzene	0.3924358	9.078003			15	
Bromochloromethane	0.1355454	7.563758			15	
Bromodichloromethane	0.3624219	8.347955			15	
Bromoform	0.1522807	14.42685			15	
Bromomethane	0.3271796	14.52978			15	
2-Butanone (MEK)	1.113057E-02	8.651117			15	
tert-Butyl Alcohol (TBA)	0.0138947	8.985634			15	
n-Butylbenzene	2.439038	24.32432	0.9982213		0.995	
sec-Butylbenzene	3.687334	8.148193			15	
tert-Butylbenzene	2.515519	4.633423			15	
tert-Butyl Ethyl Ether (TBEE)	0.8867646	4.994948			15	
Carbon Disulfide	1.066651	5.719054			15	
Carbon Tetrachloride	0.6606456	10.19582			15	
Chlorobenzene	0.8249502	4.892927			15	
Chlorodibromomethane	0.2438861	12.57594			15	
Chloroethane	0.1995745	8.948574			15	
Chloroform	0.6791171	5.416147			15	
Chloromethane	0.4516278	12.92996			15	
2-Chlorotoluene	1.201958	7.049546			15	
4-Chlorotoluene	1.378597	7.366528			15	
Cyclohexane	1.141612	87.5714	0.9995873		0.995	
1,2-Dibromo-3-chloropropane (DBCP)	0.061214	14.18569			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100032	Instrument:	GCMSVOA1
		Calibration Date:	8/1/2011 3:01:05PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2-Dibromoethane (EDB)	0.176845	5.659163			15	
Dibromomethane	0.1266296	8.658026			15	
1,2-Dichlorobenzene	1.222839	6.257827			15	
1,3-Dichlorobenzene	1.503074	5.938513			15	
1,4-Dichlorobenzene	1.513733	9.63135			15	
trans-1,4-Dichloro-2-butene	4.575357E-02	14.82219			15	
Dichlorodifluoromethane (Freon 12)	0.5062541	9.028625			15	
1,1-Dichloroethane	0.6262827	6.941574			15	
1,2-Dichloroethane	0.353588	5.629055			15	
1,1-Dichloroethylene	0.3245628	6.075524			15	
cis-1,2-Dichloroethylene	0.3454005	8.104794			15	
trans-1,2-Dichloroethylene	0.3135263	8.859105			15	
Dichlorofluoromethane (Freon 21)	0.7706463	5.230528			15	
1,2-Dichloropropane	0.2148856	5.886786			15	
1,3-Dichloropropane	0.248578	5.099436			15	
2,2-Dichloropropane	0.6960308	8.039832			15	
1,1-Dichloropropene	0.5467592	5.481813			15	
cis-1,3-Dichloropropene	0.3398579	9.850202			15	
trans-1,3-Dichloropropene	0.2669613	12.11376			15	
Diethyl Ether	8.205832E-02	8.646201			15	
Difluorochloromethane (Freon 22)	0.6492735	15.0035			15	*
Diisopropyl Ether (DIPE)	0.9617134	5.395268			15	
1,4-Dioxane	1.155921E-03	11.07073			15	
Ethyl Acetate	0.1568616	28.1868	0.9976971		0.995	
Ethylbenzene	1.637106	8.329182			15	
Hexachlorobutadiene	0.6370796	34.21208	0.9981879		0.995	
2-Hexanone (MBK)	7.246171E-02	8.001508			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100032	Instrument:	GCMSVOA1
		Calibration Date:	8/1/2011 3:01:05PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Iodomethane	0.5399408	12.5396			15	
Isopropylbenzene (Cumene)	1.536631	7.412273			15	
p-Isopropyltoluene (p-Cymene)	2.951468	7.256218			15	
Methyl Acetate	0.2375757	13.51899			15	
Methyl tert-Butyl Ether (MTBE)	0.6141092	9.221034			15	
Methyl Cyclohexane	0.4284543	10.82151			15	
Methylene Chloride	0.5010671	9.320544			15	
4-Methyl-2-pentanone (MIBK)	0.1124411	5.746575			15	
Naphthalene	0.4924244	73.5045	0.9897204		0.995	*
n-Propylbenzene	1.993833	9.116043			15	
Styrene	0.8744809	10.21954			15	
1,1,1,2-Tetrachloroethane	0.3241036	10.13151			15	
1,1,2,2-Tetrachloroethane	0.1896598	14.46269			15	
Tetrachloroethylene	0.2879307	4.928123			15	
Tetrahydrofuran	1.676721E-02	3.894612			15	
Toluene	0.6754724	5.259876			15	
1,2,3-Trichlorobenzene	0.3740061	60.92614	0.9956398		0.995	
1,2,4-Trichlorobenzene	0.4810763	54.5875	0.9956418		0.995	
1,3,5-Trichlorobenzene	0.8988409	28.06916	0.998068		0.995	
1,1,1-Trichloroethane	0.7227467	7.234412			15	
1,1,2-Trichloroethane	0.1235394	9.925316			15	
Trichloroethylene	0.3128411	5.770236			15	
Trichlorofluoromethane (Freon 11)	0.7743194	6.964154			15	
1,2,3-Trichloropropane	0.2108485	9.96847			15	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3930622	6.146941			15	
1,2,4-Trimethylbenzene	2.782996	4.359921			15	
1,3,5-Trimethylbenzene	1.482528	11.28967			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Calibration:	1100032	Instrument:	GCMSVOA1
		Calibration Date:	8/1/2011 3:01:05PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Vinyl Acetate	0.401168	6.057239			15	
Vinyl Chloride	0.4433179	7.228133			15	
m+p Xylene	0.6173498	9.994493			15	
o-Xylene	0.548065	7.609386			15	
1,2-Dichloroethane-d4	0.4261787	2.783669			15	
Toluene-d8	1.087852	1.815491			15	
4-Bromofluorobenzene	0.4860519	3.934117			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001096	Instrument:	GCMSVOA2
Calibration:	1100031		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1109033	0.4ppb 8260 Calibration Standard	S001096-CAL1	VB245003.D	09/02/11 10:19
1109034	0.5ppb 8260 Calibration Standard	S001096-CAL2	VB245004.D	09/02/11 10:51
1109035	1ppb 8260 Calibration Standard	S001096-CAL3	VB245005.D	09/02/11 11:23
1109036	2ppb 8260 Calibration Standard	S001096-CAL4	VB245006.D	09/02/11 11:55
1109037	5ppb 8260 Calibration Standard	S001096-CAL5	VB245007.D	09/02/11 12:27
1109038	10ppb 8260 Calibration Standard	S001096-CAL6	VB245008.D	09/02/11 12:59
1109039	20ppb 8260 Calibration Standard	S001096-CAL7	VB245009.D	09/02/11 13:32
1109040	50ppb 8260 Calibration Standard	S001096-CAL8	VB245010.D	09/02/11 14:04
1109041	100ppb 8260 Calibration Standard	S001096-CAL9	VB245011.D	09/02/11 14:36
1109042	200ppb 8260 Calibration Standard	S001096-CALA	VB245012.D	09/02/11 15:09

Response Factor Report GCMSVOA2

Method Path : W:\1\METHODS\
Method File : B0902W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Sep 06 17:23:23 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VB245003.D 0.5 =VB245004.D 1.0 =VB245005.D 2.0 =VB245006.D 5.0 =VB245007.D 10 =VB245008.D 20 =VB245012.D
50 =VB245010.D 100 =VB245011.D 200 =VB245012.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)	I	PENTAFLUOROBENZENE...	----------	ISTD	----------									
2)	S	1,2-DICHLOROET...	0.772	0.780	0.781	0.783	0.786	0.785	0.770	0.760	0.747	0.726	0.769	2.55
3)	T	DICHLORODIFLOU...	0.430	0.486	0.494	0.463	0.461	0.443	0.436	0.411	0.394	0.357	0.437	9.61
4)		DIFLUOROCHLORO...	0.715	0.843	0.830	0.749	0.752	0.751	0.752	0.742	0.730	0.666	0.753	6.82
5)	P	CHLOROMETHANE	0.708	0.671	0.713	0.629	0.591	0.620	0.637	0.571	0.597	0.595	0.633	7.81
6)	C	VINYL CHLORIDE	0.610	0.614	0.716	0.651	0.607	0.656	0.639	0.622	0.576	0.499	0.619	9.11#
7)	T	BROMOMETHANE	0.657	0.526	0.516	0.406	0.276	0.260					0.440	0.993(LR)
8)	T	CHLOROETHANE					0.363	0.398	0.321	0.312	0.282		0.335	0.998(LR)
9)		FLUORODICHLORO...	0.893	0.838	0.886	0.842	0.805	0.852	0.801	0.775	0.739	0.644	0.808	9.24
10)	T	TRICHLOROFLUOR...	0.495	0.610	0.626	0.615	0.584	0.590	0.574	0.564	0.541	0.488	0.569	8.41
11)	T	DI ETHYL ETHER	0.444	0.391	0.436	0.432	0.423	0.439	0.421	0.410	0.386	0.328	0.411	8.55
12)		ACROLEIN	0.054	0.044	0.052	0.051	0.051	0.053	0.050	0.050	0.049	0.044	0.050#	6.46
13)	T	ACETONE	0.139	0.137	0.133	0.120	0.113	0.119	0.110	0.110	0.102	0.089	0.117	13.47
14)	C	1,1-DICHLOROET...	0.573	0.678	0.698	0.686	0.633	0.678	0.649	0.623	0.571	0.473	0.626	11.20#
15)		1,1,2-TRICL-1,...	0.319	0.333	0.369	0.352	0.341	0.342	0.335	0.325	0.307	0.274	0.330	7.88
16)		IODOMETHANE				0.428	0.527	0.619	0.633	0.639	0.565		0.569	14.37
17)		METHYL ACETATE	0.822	0.908	0.901	0.886	0.818	0.878	0.814	0.809	0.753	0.665	0.825	9.06
18)		T-BUTYL ALCOHOL	0.052	0.057	0.059	0.052	0.055	0.057	0.057	0.056	0.054	0.053	0.055	4.15
19)		ACRYLONITRILE			0.282	0.252	0.243	0.243	0.228	0.220	0.204	0.171	0.230	14.49
20)	T	METHYLENE CHLO...					0.661	0.646	0.579	0.536	0.499		0.584	11.89
21)		CARBON DISULFIDE	0.715	0.737	0.856	0.881	0.929	1.014	0.974	0.899	0.728		0.859	12.81
22)	T	METHYL TERT-BU...	1.342	1.317	1.506	1.447	1.401	1.479	1.405	1.361	1.277	1.127	1.366	8.08
23)	T	TRANS 1,2-DICH...	0.596	0.598	0.656	0.668	0.637	0.672	0.630	0.600	0.554	0.463	0.607	10.35
24)	P	1,1-DICHLOROET...	0.824	0.861	0.930	0.853	0.844	0.885	0.848	0.824	0.792	0.718	0.838	6.69
25)		VINYL ACETATE	0.667	0.672	0.774	0.757	0.744	0.789	0.738	0.686	0.563		0.710	9.93
26)		DI ISOPROPYL E...	1.258	1.412	1.433	1.370	1.312	1.380	1.273	1.158	1.000		1.288	10.75
27)	T	2-BUTANONE	0.232	0.233	0.260	0.251	0.274	0.290	0.286	0.289	0.282	0.264	0.266	8.24
28)		T-BUTYL ETHYL ...	1.652	1.705	1.925	1.782	1.824	1.951	1.901	1.888	1.915	1.863	1.841	5.40
29)	T	CIS-1,2-DICHLO...	0.784	0.858	0.946	0.898	0.896	0.952	0.919	0.901	0.897	0.856	0.891	5.50
30)		2,2-DICHLOROPR...	0.500	0.508	0.528	0.500	0.513	0.548	0.540	0.549	0.563	0.551	0.530	4.43
31)		ETHYL ACETATE		0.940	0.799	0.680	0.710	0.708	0.722	0.626	0.616		0.725	14.37
32)		BROMOCHLOROMET...	0.164	0.173	0.205	0.190	0.185	0.196	0.190	0.186	0.183	0.172	0.184	6.57
33)	T	TETRAHYDROFURAN			0.229	0.172	0.159	0.190	0.176	0.183	0.182	0.180	0.184	11.19
34)	C	CHLOROFORM	1.007	0.947	0.856	0.789	0.777	0.788	0.779	0.752	0.750	0.720	0.817	11.35#
35)	T	1,1,1-TRICHLOR...	0.500	0.496	0.533	0.532	0.567	0.609	0.615	0.618	0.633	0.627	0.573	9.42
36)		CYCLOHEXANE					0.883	0.839	0.792	0.750	0.740	0.720	0.787	8.03
37)	T	CARBON TETRACH...		0.347	0.406	0.377	0.397	0.444	0.466	0.490	0.518	0.522	0.441	14.32
38)		1,1-DICHLOROPR...	0.473	0.527	0.600	0.568	0.565	0.595	0.585	0.569	0.568	0.552	0.560	6.62
39)	T	BENZENE	1.682	1.785	1.877	1.715	1.733	1.809	1.799	1.744	1.756	1.718	1.762	3.22

40)		T-AMYLMETHYL E...	1.060	1.082	1.145	1.098	1.134	1.216	1.202	1.214	1.241	1.246	1.164	5.89
41)	I	1,4-DIFLOUROBENZEN...	----------ISTD----------											
42)	S	TOLUENE-D8 SS	1.234	1.238	1.233	1.242	1.224	1.224	1.218	1.207	1.220	1.209	1.225	0.97
43)	T	1,2-DICHLOROET...	0.451	0.485	0.548	0.502	0.509	0.534	0.515	0.494	0.494	0.465	0.500	5.85
44)	T	TRICHLOROETHENE	0.237	0.261	0.280	0.263	0.258	0.274	0.271	0.268	0.277	0.273	0.266	4.75
45)		METHYLCYCLOHEXANE	0.299	0.280	0.310	0.283	0.288	0.293	0.297	0.294	0.301	0.302	0.295	3.13
46)	C	1,2-DICHLOROPR...	0.270	0.314	0.339	0.326	0.327	0.358	0.343	0.337	0.342	0.336	0.329	7.25#
47)	T	DIBROMOMETHANE	0.156	0.148	0.172	0.164	0.170	0.182	0.181	0.184	0.188	0.183	0.173	7.82
48)		1,4-DIOXANE				0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003#	12.27
49)	T	BROMODICHLOROM...		0.230	0.264	0.259	0.279	0.326	0.337				0.282	14.62
50)		2-CHLOROETHYLV...	0.212	0.227	0.253	0.250	0.263	0.285	0.285	0.288	0.256	0.180	0.250	14.02
51)	T	MIBK	0.304	0.309	0.350	0.347	0.368	0.390	0.388	0.383	0.331	0.238	0.341	13.91
52)	T	CIS-1,3-DICHLO...		0.288	0.328	0.325	0.360	0.408	0.423				0.355	14.67
53)	C	TOLUENE	1.138	1.176	1.213	1.146	1.141	1.209	1.189	1.169	1.219	1.214	1.181	2.72#
54)	T	TRANS-1,3,-DIC...	0.224	0.245	0.243	0.244	0.289	0.327					0.262	14.68
55)		ETHYL METHACRY...	0.266	0.288	0.282	0.297	0.304	0.324	0.340	0.331	0.337	0.321	0.309	8.23
56)	T	1,1,2-TRICHLOR...	0.219	0.208	0.258	0.238	0.252	0.266	0.265	0.261	0.267	0.267	0.250	8.54
57)		2-HEXANONE	0.203	0.211	0.243	0.238	0.261	0.280	0.281	0.283	0.258	0.198	0.245	13.33
58)	T	TETRACHLOROETHENE	0.168	0.183	0.179	0.174	0.178	0.191	0.191	0.194	0.203	0.209	0.187	7.01
59)		1,3-DICHLOROPR...	0.436	0.416	0.483	0.466	0.474	0.500	0.485	0.479	0.490	0.480	0.471	5.48
60)	T	DIBROMOCHLOROM...	0.110	0.125	0.137	0.145	0.167	0.200	0.225	0.254	0.285	0.296	0.194	0.999(LR)
61)	T	1,2-DIBROMOETHANE	0.182	0.193	0.223	0.227	0.242	0.266	0.264	0.268	0.281	0.281	0.243	14.63
62)	I	CHLOROBENZENE-D5 ISTD	----------ISTD----------											
63)	S	4-BROMOFLUROBE...	0.930	0.921	0.932	0.932	0.957	0.932	0.935	0.935	0.933	0.943	0.935	1.01
64)	P	CHLOROBENZENE	1.212	1.383	1.385	1.331	1.378	1.440	1.418	1.415	1.458	1.479	1.390	5.47
65)	T	1,1,1,2-TETRAC...	0.289	0.262	0.327	0.303	0.365	0.415	0.432	0.463	0.491	0.508	0.385	0.999(LR)
66)	C	ETHYLBENZENE	2.279	2.223	2.409	2.280	2.333	2.482	2.446	2.392	2.444	2.433	2.372	3.69#
67)	T	M/P-XYLENES	1.681	1.692	1.885	1.809	1.900	1.990	1.956	1.933	1.997	1.875	1.872	6.01
68)	T	0-XYLENE	1.838	1.779	1.959	1.934	1.957	2.081	2.058	2.058	2.128	2.107	1.990	5.88
69)	T	STYRENE	1.450	1.400	1.437	1.389	1.457	1.582	1.588	1.605	1.686	1.716	1.531	7.78
70)	P	BROMOFORM	0.119	0.100	0.136	0.159	0.184	0.226	0.264	0.331	0.385	0.431	0.233	0.995(LR)
71)	T	ISOPROPYLBENZENE	1.474	1.521	1.693	1.626	1.713	1.791	1.800	1.795	1.848	1.876	1.714	7.95
72)		CIS-1,4-DICHLO...		0.230	0.222	0.218	0.229	0.263	0.279	0.299	0.314		0.257	14.62
73)	P	1,1,2,2-TETRAC...	0.502	0.574	0.599	0.587	0.636	0.691	0.688	0.682	0.703	0.725	0.639	11.17
74)		1,4-DICHLORO-2...				0.189	0.229	0.257	0.256	0.272	0.289	0.295	0.255	14.32
75)		BROMOBENZENE	0.939	0.955	1.064	0.999	0.989	1.063	1.043	1.024	1.049	1.041	1.017	4.37
76)	T	1,2,3-TRICHLOR...	0.154	0.173	0.195	0.171	0.187	0.204	0.198	0.197	0.205	0.212	0.190	9.59
77)	T	N-PROPYLBENZENE	2.015	2.259	2.390	2.248	2.402	2.507	2.462	2.438	2.511	2.517	2.375	6.69
78)	T	2-CHLOROT0LUENE	1.511	1.504	1.689	1.567	1.642	1.704	1.668	1.633	1.695	1.707	1.632	4.78
79)	T	1,3,5-TRIMETHY...	1.445	1.512	1.632	1.581	1.689	1.822	1.817	1.818	1.916	1.876	1.711	9.51
80)		4-CHLOROTOLUENE	1.751	1.784	1.937	1.851	1.917	2.018	1.988	1.964	2.058	1.969	1.924	5.19
81)	I	1,4-DICHLOROBENZEN...	----------ISTD----------											
82)	T	TERT-BUTYLBENZENE	1.222	1.245	1.350	1.324	1.372	1.447	1.433	1.405	1.427	1.366	1.359	5.66
83)	T	1,2,4-TRIMETHY...	1.728	1.776	1.903	1.860	1.955	2.062	2.015	1.969	1.988	1.863	1.912	5.56
84)	T	SEC-BUTYLBENZENE	1.680	1.768	1.830	1.781	1.864	1.980	1.945	1.889	1.913	1.821	1.847	4.88
85)	T	1,3-DICHLOROBE...	0.971	1.015	1.138	1.081	1.105	1.186	1.166	1.154	1.171	1.148	1.113	6.42
86)	T	P-ISOPROPYLTOL...	1.420	1.459	1.524	1.557	1.596	1.698	1.662	1.631	1.655	1.581	1.578	5.71
87)	T	1,4-DICHLOROBE...	1.145	1.142	1.248	1.142	1.162	1.240	1.206	1.189	1.223	1.209	1.191	3.43
88)	T	N-BUTYLBENZENE	1.441	1.369	1.447	1.485	1.490	1.582	1.550	1.503	1.515	1.401	1.478	4.42
89)	T	1,2-DICHLOROBE...	1.023	1.020	1.148	1.062	1.097	1.184	1.163	1.166	1.206	1.192	1.126	6.23
90)		1,2-DIBROMO-3-...	0.043	0.040	0.045	0.062	0.070	0.086	0.095	0.111	0.121	0.119	0.079	0.999(LR)

91)		1,3,5-TRICHLOR...	0.517	0.632	0.648	0.614	0.636	0.672	0.664	0.664	0.687	0.664	0.640	7.55
92)	T	1,2,4-TRICHLOR...	0.453	0.507	0.558	0.500	0.543	0.576	0.570	0.571	0.587	0.566	0.543	7.88
93)	T	HEXACHLOROBUTA...	0.198	0.225	0.244	0.214	0.223	0.242	0.235	0.228	0.235	0.225	0.227	6.02
94)	T	NAPHTHALENE	0.960	1.127	1.084	1.086	1.183	1.271	1.275	1.278	1.302	1.235	1.180	9.55
95)		1,2,3-TRICHLOR...	0.300	0.396	0.415	0.390	0.401	0.432	0.424	0.428	0.433	0.416	0.403	9.74

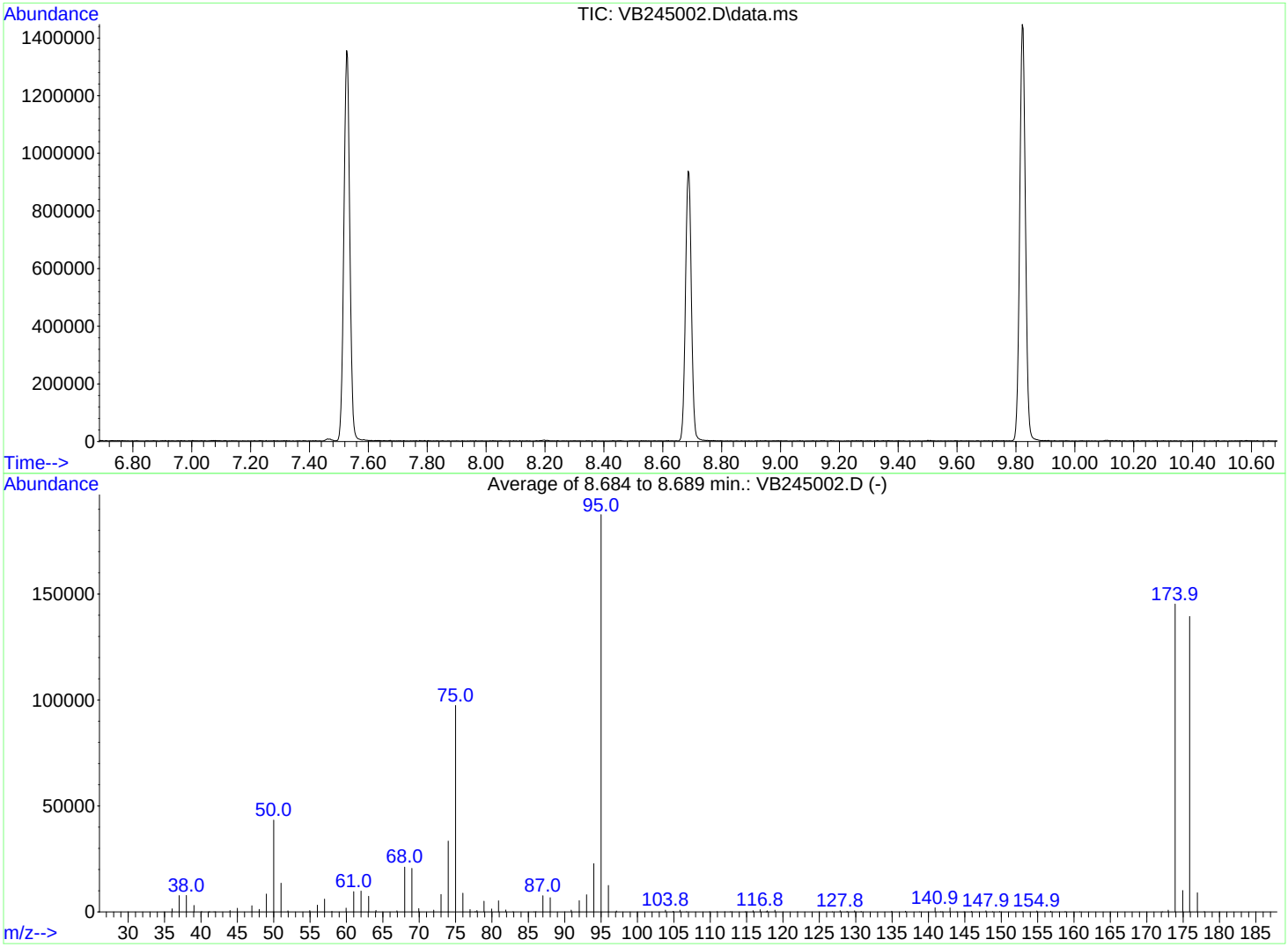
(#) = Out of Range

B0902W11.M Fri Sep 30 11:04:26 2011

Data Path : W:\1\DATA\090211\
Data File : VB245002.D
Acq On : 2 Sep 2011 9:47 am
Operator :
Sample : BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\1\METHODS\B0902W11.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Sep 06 17:23:23 2011



Spectrum Information: Average of 8.684 to 8.689 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.1	43362	PASS
75	95	30	60	52.0	97402	PASS
95	95	100	100	100.0	187456	PASS
96	95	5	9	6.7	12491	PASS
173	174	0.00	2	0.6	861	PASS
174	95	50	100	77.5	145237	PASS
175	174	5	9	6.9	10082	PASS
176	174	95	101	96.0	139405	PASS
177	176	5	9	6.5	9078	PASS

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245003.D
Acq On : 2 Sep 2011 10:19 am
Operator :
Sample : 8260 STD 0.4 PPB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 02 16:05:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	399566	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.684	114	635027	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	340727	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	303541	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	256945	28.71	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.84%				
42) TOLUENE-D8 SS	6.126	98	653168	26.64	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.56%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	264000	25.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.32%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	2291	0.36	UG/L		93
4) DIFLUOROCHLOROMETHANE	1.037	51	3808	0.35	UG/L	#	88
5) CHLOROMETHANE	1.137	50	3773	0.49	UG/L	#	73
6) VINYL CHLORIDE	1.188	62	3249	0.55	UG/L	#	87
7) BROMOMETHANE	1.372	94	3499	1.19	UG/L		96
8) CHLOROETHANE	0.000		0	N.D.	d		
9) FLUORODICHLOROMETHANE	1.533	67	4757	0.58	UG/L		90
10) TRICHLOROFLUOROMETHANE	1.570	101	2638	0.40	UG/L	#	79
11) DI ETHYL ETHER	1.742	59	2365	0.57	UG/L	#	75
12) ACROLEIN	1.826	56	2868	6.84	UG/L	#	100
13) ACETONE	1.927	43	7412	3.83	UG/L	#	47
14) 1,1-DICHLOROETHENE	1.885	61	3052	0.44	UG/L	#	76
15) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	1700m	0.49	UG/L		
16) IODOMETHANE	1.996	142	20637m	Below Cal			
17) METHYL ACETATE	2.152	43	4381	0.37	UG/L	#	47
18) T-BUTYL ALCOHOL	2.325	59	2767	6.41	UG/L	#	34
19) ACRYLONITRILE	2.428	53	2170m	0.81	UG/L		
20) METHYLENE CHLORIDE	2.225	49	9835	1.18	UG/L	#	59
21) CARBON DISULFIDE	2.041	76	38067	4.39	UG/L		99
22) METHYL TERT-BUTYL ETHE...	2.451	73	7151	0.57	UG/L	#	63
23) TRANS 1,2-DICHLOROETHENE	2.442	61	3177	0.49	UG/L	#	80
24) 1,1-DICHLOROETHANE	2.824	63	4392	0.53	UG/L	#	70
25) VINYL ACETATE	2.880	43	35560	2.98	UG/L	#	88
26) DI ISOPROPYL ETHER	2.905	45	6700	0.34	UG/L	#	78
27) 2-BUTANONE	3.449	43	12352	3.30	UG/L	#	91
28) T-BUTYL ETHYL ETHER	3.273	59	8799	0.46	UG/L	#	82
29) CIS-1,2-DICHLOROETHENE	3.410	61	4175	0.41	UG/L		95
30) 2,2-DICHLOROPROPANE	3.407	77	2664m	0.53	UG/L		
31) ETHYL ACETATE	3.513	43	6174	0.68	UG/L	#	92
32) BROMOCHLOROMETHANE	3.655	128	874	0.34	UG/L		98
33) TETRAHYDROFURAN	0.000		0	N.D.	d		
34) CHLOROFORM	3.742	83	5364	0.56	UG/L		92
35) 1,1,1-TRICHLOROETHANE	3.915	97	2666	0.39	UG/L		96
36) CYCLOHEXANE	3.957	56	13852	1.40	UG/L	#	49
37) CARBON TETRACHLORIDE	4.071	117	1808	0.30	UG/L		85
38) 1,1-DICHLOROPROPENE	4.082	75	2518	0.36	UG/L	#	66
39) BENZENE	4.286	78	8960	0.40	UG/L		99
40) T-AMYLMETHYL ETHER	4.420	73	5648	0.46	UG/L	#	87
43) 1,2-DICHLOROETHANE	4.302	62	3820	0.43	UG/L	#	73
44) TRICHLOROETHENE	4.935	95	2003	0.37	UG/L		88
45) METHYLCYCLOHEXANE	5.108	83	2532	0.42	UG/L	#	73
46) 1,2-DICHLOROPROPANE	5.147	63	2284	0.38	UG/L		90
47) DIBROMOMETHANE	5.265	93	1317	0.38	UG/L	#	82

Data Path : W:\1\DATA\090211\
Data File : VB245003.D
Acq On : 2 Sep 2011 10:19 am
Operator :
Sample : 8260 STD 0.4 PPB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 02 16:05:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

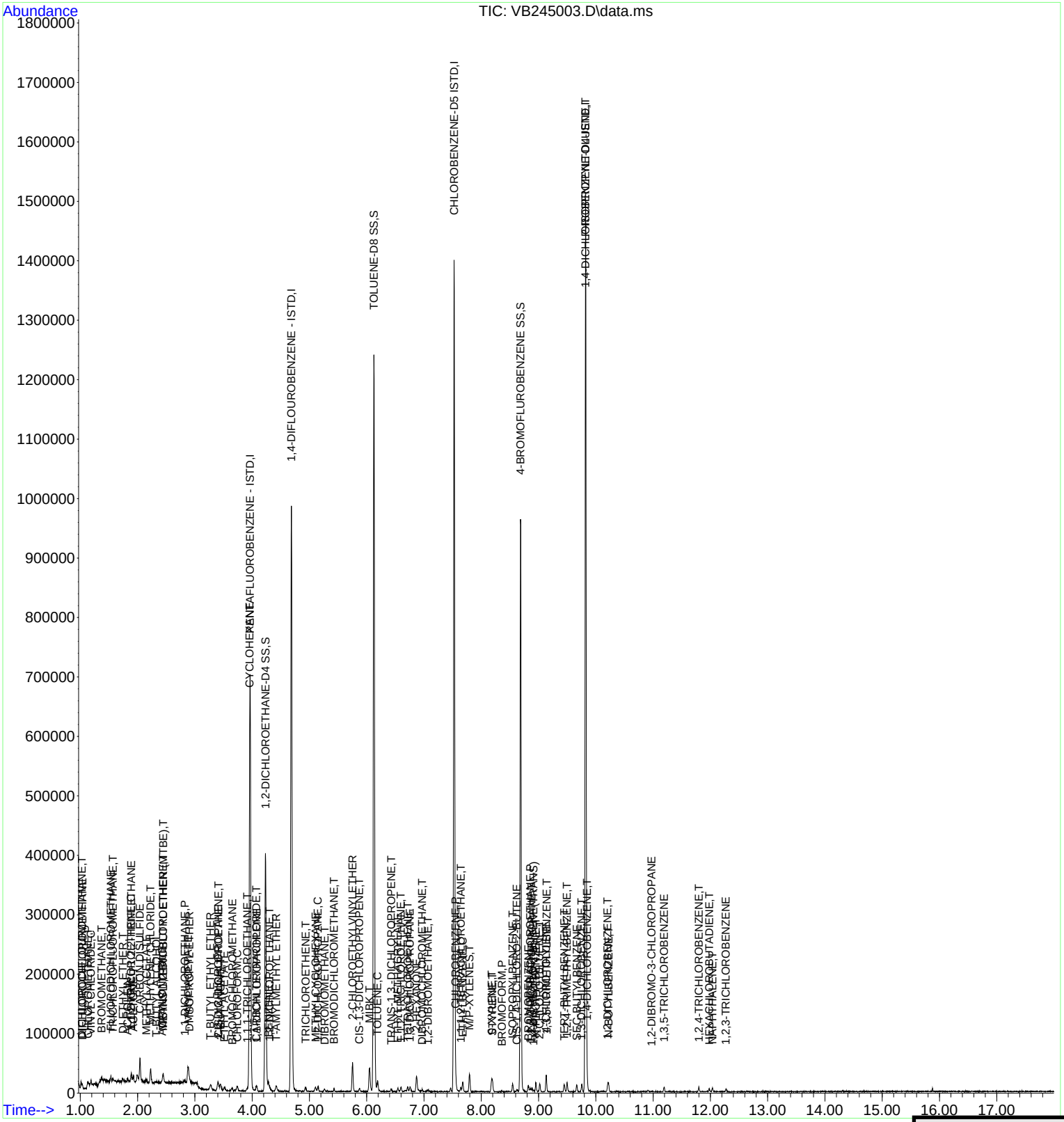
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,4-DIOXANE	0.000		0	N.D.	
49) BROMODICHLOROMETHANE	5.429	83	2012	0.37 UG/L #	94
50) 2-CHLOROETHYLVINYLETHER	5.755	63	17942	4.35 UG/L	83
51) MIBK	6.051	43	25734	3.45 UG/L	91
52) CIS-1,3-DICHLOROPROPENE	5.872	75	2370	0.72 UG/L #	86
53) TOLUENE	6.188	91	9634	0.42 UG/L	96
54) TRANS-1,3,-DICHLOROPRO...	6.430	75	1896	1.67 UG/L #	79
55) ETHYL METHACRYLATE	6.545	41	2250	0.34 UG/L #	85
56) 1,1,2-TRICHLOROETHANE	6.598	97	1855	0.35 UG/L	98
57) 2-HEXANONE	6.871	43	17162	3.32 UG/L	91
58) TETRACHLOROETHENE	6.717	164	1421	0.35 UG/L	98
59) 1,3-DICHLOROPROPANE	6.754	76	3691	0.40 UG/L	98
60) DIBROMOCHLOROMETHANE	6.968	129	933	0.24 UG/L	98
61) 1,2-DIBROMOETHANE	7.072	107	1537	0.30 UG/L #	96
64) CHLOROBENZENE	7.551	112	5504	0.35 UG/L #	50
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	1311	0.27 UG/L	95
66) ETHYLBENZENE	7.677	91	10355	0.40 UG/L	93
67) M/P-XYLENES	7.797	91	15276	0.77 UG/L	91
68) 0-XYLENE	8.181	91	8349	0.41 UG/L	93
69) STYRENE	8.195	104	6587	0.41 UG/L	97
70) BROMOFORM	8.360	173	539	2.78 UG/L #	31
71) ISOPROPYLBENZENE	8.547	105	6698	0.35 UG/L	96
72) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	800	0.28 UG/L #	57
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	2279	0.30 UG/L #	93
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	889	0.35 UG/L #	35
75) BROMOBENZENE	8.823	77	4264	0.38 UG/L #	84
76) 1,2,3-TRICHLOROPROPANE	8.881	110	700m	0.31 UG/L	
77) N-PROPYLBENZENE	8.951	91	9156	0.34 UG/L	98
78) 2-CHLOROT0LUENE	9.018	91	6863	0.38 UG/L	92
79) 1,3,5-TRIMETHYLBENZENE	9.141	105	6565	0.35 UG/L	93
80) 4-CHLOROTOLUENE	9.130	91	7954	0.39 UG/L	90
82) TERT-BUTYLBENZENE	9.453	119	4945	0.36 UG/L #	83
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	6993	0.38 UG/L	91
84) SEC-BUTYLBENZENE	9.671	105	6798	0.36 UG/L	99
85) 1,3-DICHLOROBENZENE	9.751	146	3931	0.33 UG/L	92
86) P-ISOPROPYLTOLUENE	9.818	119	5746	0.37 UG/L #	79
87) 1,4-DICHLOROBENZENE	9.849	146	4635	0.37 UG/L #	76
88) N-BUTYLBENZENE	10.223	91	5832	0.40 UG/L #	90
89) 1,2-DICHLOROBENZENE	10.206	146	4140	0.35 UG/L	100
90) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	175m	0.23 UG/L	
91) 1,3,5-TRICHLOROBENZENE	11.193	180	2092	0.30 UG/L	83
92) 1,2,4-TRICHLOROBENZENE	11.798	180	1834	0.29 UG/L	97
93) HEXACHLOROBUTADIENE	11.982	225	802	0.29 UG/L #	54
94) NAPHTHALENE	12.041	128	3884	0.29 UG/L #	70
95) 1,2,3-TRICHLOROBENZENE	12.272	180	1215	0.24 UG/L #	81

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245003.D
Acq On : 2 Sep 2011 10:19 am
Operator :
Sample : 8260 STD 0.4 PPB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 02 16:05:25 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245004.D
Acq On : 2 Sep 2011 10:51 am
Operator :
Sample : 8260 STD 0.5 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 02 16:05:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	391879	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	629473	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	337629	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	299524	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	254710	29.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.08%				
42) TOLUENE-D8 SS	6.126	98	649300	26.71	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.84%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	259214	25.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	3176	0.50	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	5508	0.51	UG/L		96
5) CHLOROMETHANE	1.132	50	4384	0.58	UG/L		94
6) VINYL CHLORIDE	1.185	62	4007	0.70	UG/L		92
7) BROMOMETHANE	1.372	94	3437	1.19	UG/L		92
8) CHLOROETHANE	0.000		0	N.D.	d		
9) FLUORODICHLOROMETHANE	1.534	67	5472	0.68	UG/L	#	85
10) TRICHLOROFLUOROMETHANE	1.573	101	3984	0.61	UG/L		95
11) DI ETHYL ETHER	1.737	59	2553	0.62	UG/L	#	86
12) ACROLEIN	1.826	56	2898	7.04	UG/L	#	75
13) ACETONE	1.927	43	8943	4.71	UG/L	#	46
14) 1,1-DICHLOROETHENE	1.885	61	4431	0.64	UG/L	#	85
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	2174	0.64	UG/L	#	81
16) IODOMETHANE	1.996	142	22007	Below Cal		#	82
17) METHYL ACETATE	2.153	43	5928	0.52	UG/L	#	65
18) T-BUTYL ALCOHOL	2.331	59	3692	8.72	UG/L	#	79
19) ACRYLONITRILE	2.426	53	2137	0.81	UG/L		88
20) METHYLENE CHLORIDE	2.228	49	10555	1.30	UG/L	#	50
21) CARBON DISULFIDE	2.044	76	48159	5.66	UG/L		96
22) METHYL TERT-BUTYL ETHE...	2.451	73	8601	0.70	UG/L		94
23) TRANS 1,2-DICHLOROETHENE	2.443	61	3904	0.62	UG/L	#	79
24) 1,1-DICHLOROETHANE	2.822	63	5621	0.69	UG/L		98
25) VINYL ACETATE	2.880	43	43899	3.75	UG/L	#	85
26) DI ISOPROPYL ETHER	2.903	45	9223	0.48	UG/L		93
27) 2-BUTANONE	3.449	43	15214	4.15	UG/L	#	86
28) T-BUTYL ETHYL ETHER	3.279	59	11134	0.60	UG/L	#	84
29) CIS-1,2-DICHLOROETHENE	3.410	61	5605	0.56	UG/L		94
30) 2,2-DICHLOROPROPANE	3.399	77	3316	0.67	UG/L	#	78
31) ETHYL ACETATE	3.516	43	6138	0.69	UG/L		97
32) BROMOCHLOROMETHANE	3.647	128	1132	0.45	UG/L		96
33) TETRAHYDROFURAN	0.000		0	N.D.	d		
34) CHLOROFORM	3.745	83	6186	0.66	UG/L		97
35) 1,1,1-TRICHLOROETHANE	3.912	97	3237	0.49	UG/L	#	92
36) CYCLOHEXANE	3.962	56	14628	1.51	UG/L	#	52
37) CARBON TETRACHLORIDE	4.074	117	2264m	0.39	UG/L		
38) 1,1-DICHLOROPROPENE	4.080	75	3445	0.50	UG/L	#	84
39) BENZENE	4.283	78	11657	0.53	UG/L		96
40) T-AMYLMETHYL ETHER	4.417	73	7067	0.59	UG/L	#	90
43) 1,2-DICHLOROETHANE	4.305	62	5092	0.57	UG/L	#	63
44) TRICHLOROETHENE	4.933	95	2740	0.51	UG/L	#	86
45) METHYLCYCLOHEXANE	5.109	83	2936	0.49	UG/L	#	83
46) 1,2-DICHLOROPROPANE	5.148	63	3297	0.55	UG/L		99
47) DIBROMOMETHANE	5.262	93	1549	0.46	UG/L		96

Data Path : W:\1\DATA\090211\
Data File : VB245004.D
Acq On : 2 Sep 2011 10:51 am
Operator :
Sample : 8260 STD 0.5 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 02 16:05:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

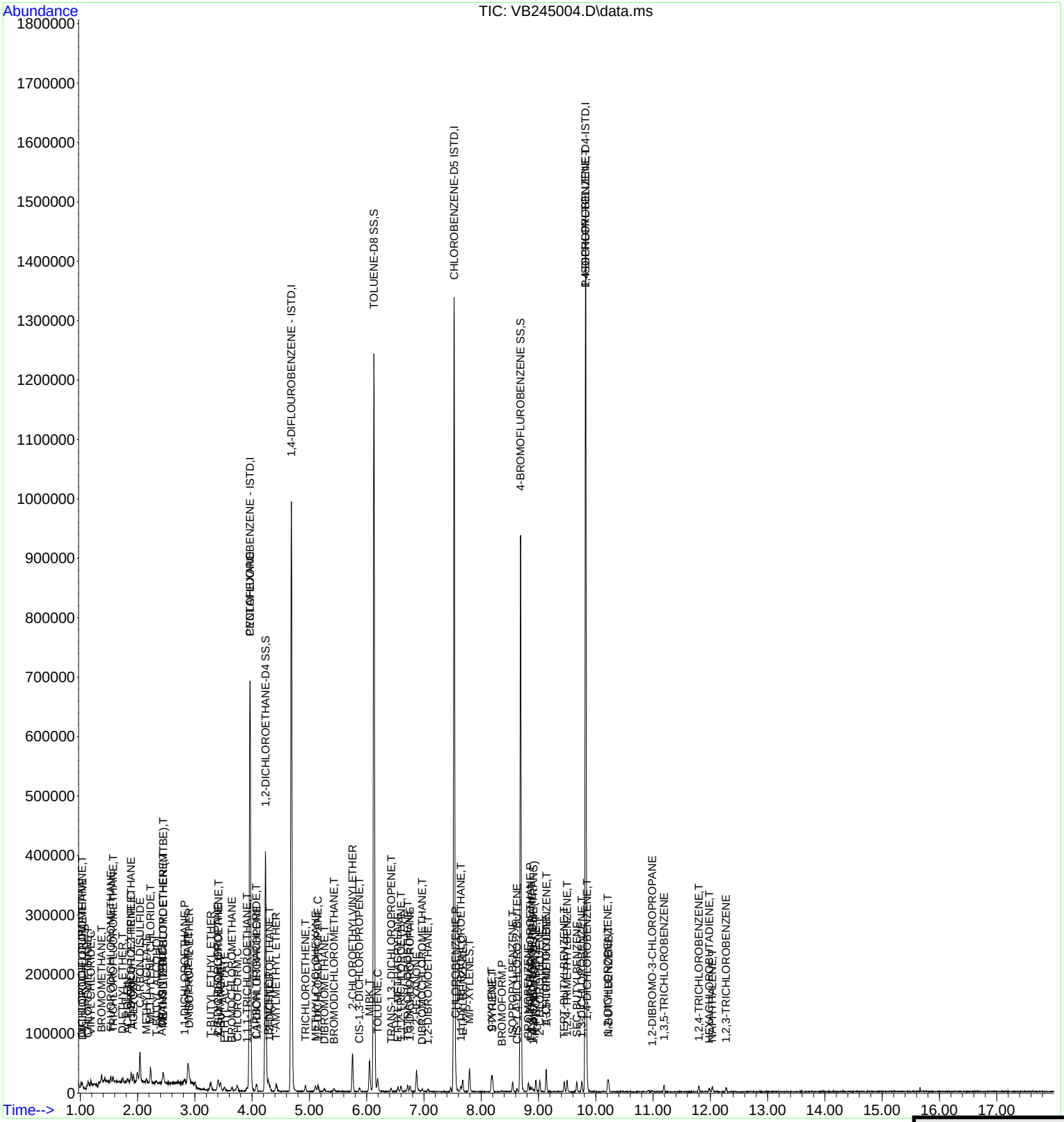
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,4-DIOXANE	0.000		0	N.D.	
49) BROMODICHLOROMETHANE	5.432	83	2411	0.44 UG/L #	95
50) 2-CHLOROETHYLVINYLETHER	5.753	63	23789	5.82 UG/L	84
51) MIBK	6.051	43	32459	4.39 UG/L	90
52) CIS-1,3-DICHLOROPROPENE	5.873	75	3020	0.81 UG/L	96
53) TOLUENE	6.191	91	12342	0.54 UG/L	98
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	2566	1.76 UG/L #	85
55) ETHYL METHACRYLATE	6.545	41	3021	0.46 UG/L #	9
56) 1,1,2-TRICHLOROETHANE	6.600	97	2186	0.42 UG/L	93
57) 2-HEXANONE	6.871	43	22096	4.31 UG/L #	89
58) TETRACHLOROETHENE	6.715	164	1918	0.48 UG/L	98
59) 1,3-DICHLOROPROPANE	6.754	76	4364	0.48 UG/L	99
60) DIBROMOCHLOROMETHANE	6.969	129	1316	0.35 UG/L	94
61) 1,2-DIBROMOETHANE	7.069	107	2027	0.40 UG/L #	95
64) CHLOROBENZENE	7.554	112	7783	0.49 UG/L #	49
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	1474	0.31 UG/L #	84
66) ETHYLBENZENE	7.680	91	12511	0.49 UG/L	95
67) M/P-XYLENES	7.797	91	19047	0.97 UG/L	100
68) 0-XYLENE	8.179	91	10010	0.49 UG/L	97
69) STYRENE	8.196	104	7877	0.50 UG/L	93
70) BROMOFORM	8.363	173	565	2.79 UG/L #	31
71) ISOPROPYLBENZENE	8.550	105	8561	0.46 UG/L	99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	1294	0.46 UG/L #	52
73) 1,1,2,2-TETRACHLOROETHANE	8.854	83	3230	0.43 UG/L #	91
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	1036	0.41 UG/L #	35
75) BROMOBENZENE	8.820	77	5376	0.49 UG/L	87
76) 1,2,3-TRICHLOROPROPANE	8.884	110	971	0.43 UG/L #	60
77) N-PROPYLBENZENE	8.954	91	12714	0.47 UG/L	96
78) 2-CHLOROT0LUENE	9.021	91	8464	0.47 UG/L	91
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	8511	0.46 UG/L	93
80) 4-CHLOROTOLUENE	9.133	91	10039	0.50 UG/L	93
82) TERT-BUTYLBENZENE	9.445	119	6214	0.46 UG/L	85
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	8865	0.49 UG/L	90
84) SEC-BUTYLBENZENE	9.668	105	8826	0.48 UG/L	100
85) 1,3-DICHLOROBENZENE	9.757	146	5065	0.43 UG/L	91
86) P-ISOPROPYLTOLUENE	9.821	119	7285	0.47 UG/L #	83
87) 1,4-DICHLOROBENZENE	9.849	146	5699	0.46 UG/L #	64
88) N-BUTYLBENZENE	10.223	91	6834	0.48 UG/L	96
89) 1,2-DICHLOROBENZENE	10.209	146	5094	0.44 UG/L	93
90) 1,2-DIBROMO-3-CHLOROPR...	10.987	75	198m	0.27 UG/L	
91) 1,3,5-TRICHLOROBENZENE	11.193	180	3153	0.45 UG/L	94
92) 1,2,4-TRICHLOROBENZENE	11.798	180	2529	0.40 UG/L #	77
93) HEXACHLOROBUTADIENE	11.983	225	1122m	0.42 UG/L	
94) NAPHTHALENE	12.036	128	5625	0.43 UG/L	96
95) 1,2,3-TRICHLOROBENZENE	12.275	180	1975	0.39 UG/L	93

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245004.D
Acq On : 2 Sep 2011 10:51 am
Operator :
Sample : 8260 STD 0.5 PPB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 02 16:05:30 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245005.D
Acq On : 2 Sep 2011 11:23 am
Operator :
Sample : 8260 STD 1.0 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 16:57:41 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	386661	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	620422	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	331008	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	295863	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	251678	29.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.24%				
42) TOLUENE-D8 SS	6.126	98	637450	26.61	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.44%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	257119	25.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.56%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	6366	1.03	UG/L		93
4) DIFLUOROCHLOROMETHANE	1.037	51	10693	1.01	UG/L	#	93
5) CHLOROMETHANE	1.135	50	9187	1.23	UG/L		100
6) VINYL CHLORIDE	1.188	62	9223	1.63	UG/L		94
7) BROMOMETHANE	1.366	94	6655	2.33	UG/L		85
8) CHLOROETHANE	0.000		0	N.D.	d		
9) FLUORODICHLOROMETHANE	1.534	67	11417	1.45	UG/L		94
10) TRICHLOROFLUOROMETHANE	1.570	101	8062	1.26	UG/L		96
11) DI ETHYL ETHER	1.743	59	5621	1.39	UG/L	#	80
12) ACROLEIN	1.826	56	6665	16.42	UG/L	#	88
13) ACETONE	1.924	43	17206	9.19	UG/L	#	58
14) 1,1-DICHLOROETHENE	1.890	61	9000	1.33	UG/L	#	86
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	4755	1.41	UG/L		87
16) IODOMETHANE	1.994	142	53573	Below Cal			87
17) METHYL ACETATE	2.153	43	11618	1.02	UG/L	#	66
18) T-BUTYL ALCOHOL	2.323	59	7588	18.17	UG/L	#	58
19) ACRYLONITRILE	2.426	53	3635	1.40	UG/L		92
20) METHYLENE CHLORIDE	2.228	49	15402	1.92	UG/L	#	55
21) CARBON DISULFIDE	2.041	76	110389	13.14	UG/L		95
22) METHYL TERT-BUTYL ETHE...	2.451	73	19404	1.61	UG/L		95
23) TRANS 1,2-DICHLOROETHENE	2.448	61	8452	1.35	UG/L	#	84
24) 1,1-DICHLOROETHANE	2.813	63	11985	1.50	UG/L	#	90
25) VINYL ACETATE	2.880	43	99698	8.64	UG/L	#	88
26) DI ISOPROPYL ETHER	2.903	45	18466	0.98	UG/L	#	69
27) 2-BUTANONE	3.444	43	33523	9.26	UG/L	#	90
28) T-BUTYL ETHYL ETHER	3.274	59	24808	1.35	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.407	61	12187	1.23	UG/L		92
30) 2,2-DICHLOROPROPANE	3.399	77	6799	1.39	UG/L		96
31) ETHYL ACETATE	3.519	43	10304	1.17	UG/L	#	91
32) BROMOCHLOROMETHANE	3.647	128	2647	1.07	UG/L		88
33) TETRAHYDROFURAN	3.706	42	2953m	1.18	UG/L		
34) CHLOROFORM	3.739	83	11039	1.19	UG/L		97
35) 1,1,1-TRICHLOROETHANE	3.912	97	6867	1.05	UG/L	#	74
36) CYCLOHEXANE	3.962	56	20371	2.13	UG/L	#	67
37) CARBON TETRACHLORIDE	4.074	117	5230	0.91	UG/L		87
38) 1,1-DICHLOROPROPENE	4.077	75	7728	1.14	UG/L		92
39) BENZENE	4.283	78	24189	1.12	UG/L		100
40) T-AMYLMETHYL ETHER	4.417	73	14754	1.25	UG/L	#	91
43) 1,2-DICHLOROETHANE	4.314	62	11335	1.29	UG/L	#	86
44) TRICHLOROETHENE	4.930	95	5800	1.09	UG/L		91
45) METHYLCYCLOHEXANE	5.109	83	6416	1.10	UG/L		96
46) 1,2-DICHLOROPROPANE	5.150	63	7009	1.18	UG/L		98
47) DIBROMOMETHANE	5.256	93	3561	1.06	UG/L		91

Data Path : W:\1\DATA\090211\
Data File : VB245005.D
Acq On : 2 Sep 2011 11:23 am
Operator :
Sample : 8260 STD 1.0 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 16:57:41 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

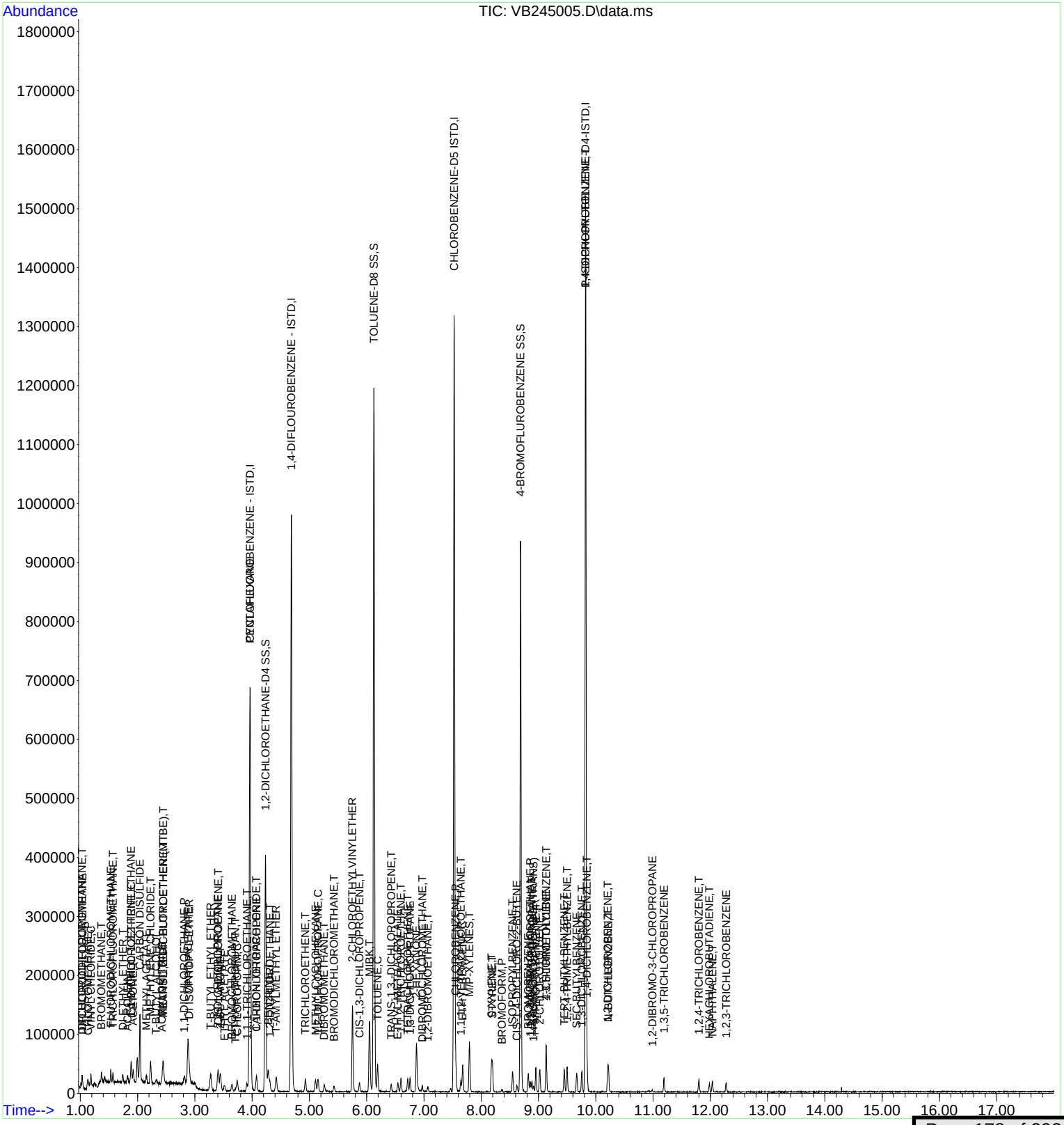
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,4-DIOXANE	0.000		0	N.D. d	
49) BROMODICHLOROMETHANE	5.429	83	5462	1.02 UG/L #	92
50) 2-CHLOROETHYLVINYLETHER	5.750	63	52235	12.97 UG/L	82
51) MIBK	6.048	43	72464	9.94 UG/L	91
52) CIS-1,3-DICHLOROPROPENE	5.875	75	6781	1.29 UG/L	98
53) TOLUENE	6.193	91	25094	1.12 UG/L	96
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	5035	2.12 UG/L #	91
55) ETHYL METHACRYLATE	6.539	41	5834	0.90 UG/L	83
56) 1,1,2-TRICHLOROETHANE	6.598	97	5331	1.04 UG/L	99
57) 2-HEXANONE	6.868	43	50158	9.93 UG/L	90
58) TETRACHLOROETHENE	6.718	164	3695	0.94 UG/L	96
59) 1,3-DICHLOROPROPANE	6.759	76	9997	1.12 UG/L	93
60) DIBROMOCHLOROMETHANE	6.971	129	2830	0.76 UG/L	96
61) 1,2-DIBROMOETHANE	7.066	107	4619	0.91 UG/L #	97
64) CHLOROBENZENE	7.551	112	15286	0.99 UG/L #	50
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	3605	0.77 UG/L	96
66) ETHYLBENZENE	7.674	91	26582	1.05 UG/L	96
67) M/P-XYLENES	7.794	91	41606	2.16 UG/L	95
68) 0-XYLENE	8.179	91	21615	1.09 UG/L	95
69) STYRENE	8.196	104	15851	1.03 UG/L	95
70) BROMOFORM	8.360	173	1503	3.02 UG/L #	97
71) ISOPROPYLBENZENE	8.544	105	18680	1.01 UG/L	98
72) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	2445	0.89 UG/L #	62
73) 1,1,2,2-TETRACHLOROETHANE	8.854	83	6604	0.91 UG/L	96
74) 1,4-DICHLORO-2-BUTENE(...	8.909	53	2082	0.84 UG/L #	35
75) BROMOBENZENE	8.820	77	11735	1.09 UG/L	87
76) 1,2,3-TRICHLOROPROPANE	8.884	110	2149	0.97 UG/L	96
77) N-PROPYLBENZENE	8.951	91	26375	1.00 UG/L	97
78) 2-CHLOROT0LUENE	9.024	91	18636	1.06 UG/L	93
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	18010	0.99 UG/L	94
80) 4-CHLOROTOLUENE	9.133	91	21371	1.08 UG/L	93
82) TERT-BUTYLBENZENE	9.450	119	13318	1.00 UG/L	87
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	18771	1.05 UG/L	96
84) SEC-BUTYLBENZENE	9.665	105	18048	0.99 UG/L	98
85) 1,3-DICHLOROBENZENE	9.757	146	11224	0.97 UG/L	97
86) P-ISOPROPYLTOLUENE	9.821	119	15034	0.98 UG/L #	89
87) 1,4-DICHLOROBENZENE	9.846	146	12305	1.01 UG/L #	73
88) N-BUTYLBENZENE	10.220	91	14269	1.01 UG/L	95
89) 1,2-DICHLOROBENZENE	10.209	146	11321	0.99 UG/L	98
90) 1,2-DIBROMO-3-CHLOROPR...	10.990	75	445m	0.61 UG/L	
91) 1,3,5-TRICHLOROBENZENE	11.193	180	6386	0.93 UG/L	100
92) 1,2,4-TRICHLOROBENZENE	11.801	180	5506	0.88 UG/L	97
93) HEXACHLOROBUTADIENE	11.983	225	2406	0.91 UG/L #	96
94) NAPHTHALENE	12.038	128	10688	0.82 UG/L	100
95) 1,2,3-TRICHLOROBENZENE	12.278	180	4091	0.81 UG/L	97

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245005.D
Acq On : 2 Sep 2011 11:23 am
Operator :
Sample : 8260 STD 1.0 PPB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 16:57:41 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245006.D
Acq On : 2 Sep 2011 11:55 am
Operator :
Sample : 8260 STD 2.0 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 06 17:00:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	387098	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	617087	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	332633	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	298802	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	252440	29.12	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.48%				
42) TOLUENE-D8 SS	6.126	98	638460	26.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.16%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	258320	25.38	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.52%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	11946	1.92	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.037	51	19321	1.82	UG/L		94
5) CHLOROMETHANE	1.137	50	16223	2.16	UG/L		91
6) VINYL CHLORIDE	1.187	62	16800	2.96	UG/L		95
7) BROMOMETHANE	1.366	94	10482	3.66	UG/L		99
8) CHLOROETHANE	0.000		0	N.D.	d		
9) FLUORODICHLOROMETHANE	1.533	67	21739	2.75	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.572	101	15883	2.48	UG/L		98
11) DI ETHYL ETHER	1.745	59	11136	2.75	UG/L	#	74
12) ACROLEIN	1.829	56	13165	32.39	UG/L	#	93
13) ACETONE	1.924	43	30925	16.50	UG/L	#	54
14) 1,1-DICHLOROETHENE	1.890	61	17714	2.61	UG/L		90
15) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	9087	2.69	UG/L		92
16) IODOMETHANE	1.996	142	110344	9.65	UG/L		91
17) METHYL ACETATE	2.155	43	22862	2.01	UG/L	#	68
18) T-BUTYL ALCOHOL	2.328	59	13517	32.33	UG/L	#	78
19) ACRYLONITRILE	2.423	53	6497	2.50	UG/L		97
20) METHYLENE CHLORIDE	2.228	49	22706	2.82	UG/L	#	56
21) CARBON DISULFIDE	2.041	76	227241	27.03	UG/L	#	94
22) METHYL TERT-BUTYL ETHE...	2.448	73	37338	3.09	UG/L		97
23) TRANS 1,2-DICHLOROETHENE	2.442	61	17241	2.76	UG/L		89
24) 1,1-DICHLOROETHANE	2.822	63	22022	2.75	UG/L		92
25) VINYL ACETATE	2.880	43	195441	16.91	UG/L	#	88
26) DI ISOPROPYL ETHER	2.897	45	35363	1.87	UG/L	#	70
27) 2-BUTANONE	3.443	43	64845	17.89	UG/L	#	90
28) T-BUTYL ETHYL ETHER	3.279	59	46000	2.50	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.404	61	23177	2.35	UG/L		92
30) 2,2-DICHLOROPROPANE	3.404	77	12897	2.64	UG/L		98
31) ETHYL ACETATE	3.516	43	17536	1.98	UG/L	#	87
32) BROMOCHLOROMETHANE	3.650	128	4903	1.98	UG/L		96
33) TETRAHYDROFURAN	3.711	42	4431	1.77	UG/L	#	78
34) CHLOROFORM	3.739	83	20353	2.19	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.912	97	13740	2.09	UG/L		92
36) CYCLOHEXANE	3.962	56	28918	3.02	UG/L	#	72
37) CARBON TETRACHLORIDE	4.068	117	9717	1.69	UG/L		96
38) 1,1-DICHLOROPROPENE	4.079	75	14650	2.17	UG/L		95
39) BENZENE	4.280	78	44269	2.06	UG/L		99
40) T-AMYLMETHYL ETHER	4.422	73	28347	2.41	UG/L		93
43) 1,2-DICHLOROETHANE	4.311	62	20667	2.37	UG/L	#	84
44) TRICHLOROETHENE	4.927	95	10822	2.05	UG/L		92
45) METHYLCYCLOHEXANE	5.111	83	11624	2.00	UG/L		91
46) 1,2-DICHLOROPROPANE	5.147	63	13393	2.27	UG/L		95
47) DIBROMOMETHANE	5.262	93	6743	2.02	UG/L		93

Data Path : W:\1\DATA\090211\
Data File : VB245006.D
Acq On : 2 Sep 2011 11:55 am
Operator :
Sample : 8260 STD 2.0 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 06 17:00:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

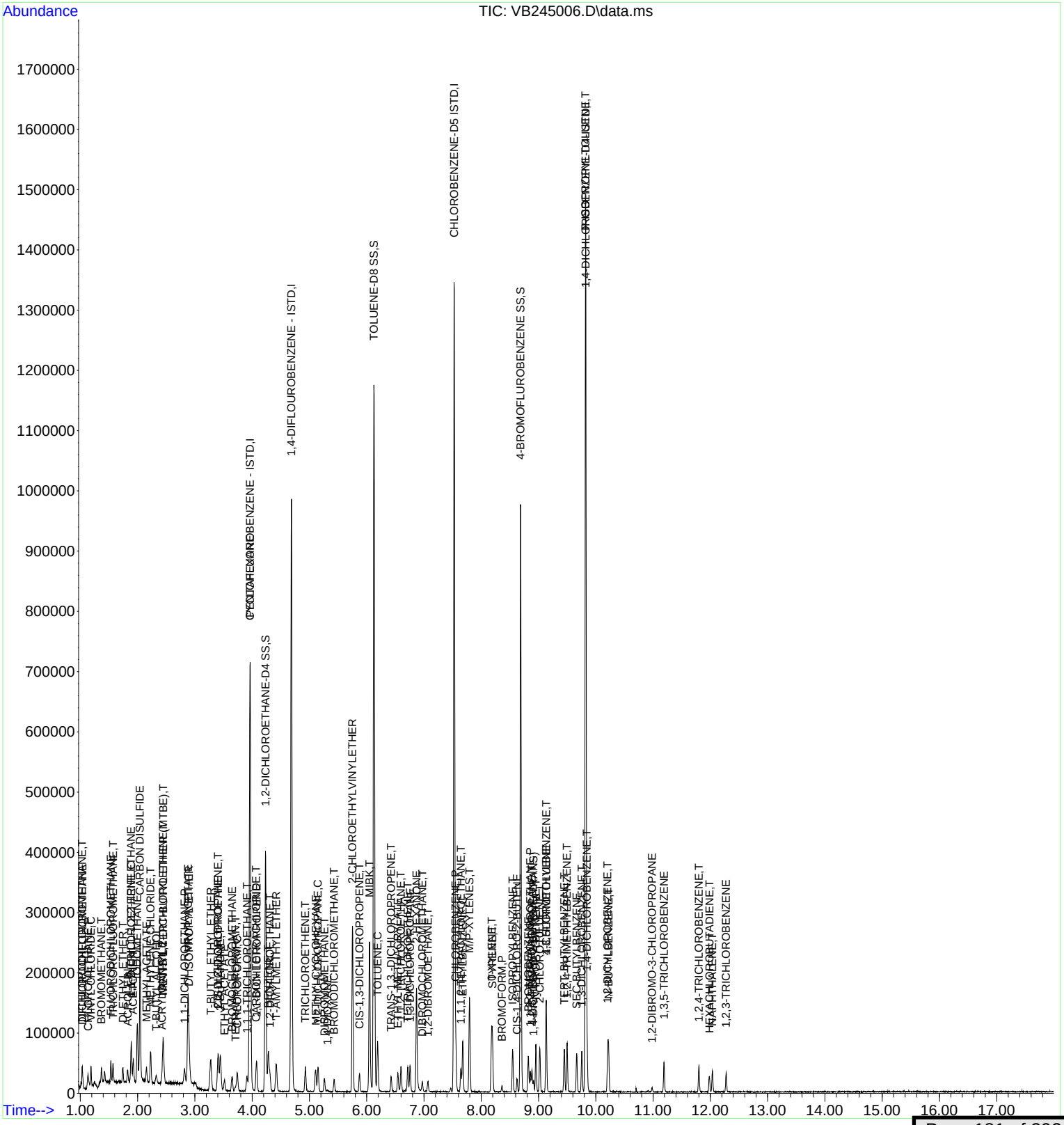
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.315	88	987m	24.88	UG/L		
49) BROMODICHLOROMETHANE	5.429	83	10651	2.00	UG/L		95
50) 2-CHLOROETHYLVINYLETHER	5.750	63	102772	25.65	UG/L	#	81
51) MIBK	6.048	43	142845	19.70	UG/L	#	90
52) CIS-1,3-DICHLOROPROPENE	5.875	75	13369	2.13	UG/L		91
53) TOLUENE	6.190	91	47145	2.11	UG/L		98
54) TRANS-1,3,-DICHLOROPRO...	6.425	75	10055	2.84	UG/L		98
55) ETHYL METHACRYLATE	6.544	41	12220	1.89	UG/L		87
56) 1,1,2-TRICHLOROETHANE	6.597	97	9780	1.92	UG/L		95
57) 2-HEXANONE	6.871	43	97753	19.46	UG/L	#	85
58) TETRACHLOROETHENE	6.717	164	7161	1.83	UG/L		92
59) 1,3-DICHLOROPROPANE	6.759	76	19171	2.16	UG/L		90
60) DIBROMOCHLOROMETHANE	6.971	129	5983	1.61	UG/L		92
61) 1,2-DIBROMOETHANE	7.071	107	9349	1.86	UG/L	#	96
64) CHLOROBENZENE	7.554	112	29508	1.90	UG/L		93
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	6713	1.43	UG/L		94
66) ETHYLBENZENE	7.677	91	50554	1.99	UG/L		97
67) M/P-XYLENES	7.794	91	80219	4.15	UG/L		95
68) 0-XYLENE	8.181	91	42894	2.15	UG/L		94
69) STYRENE	8.195	104	30809	1.99	UG/L		92
70) BROMOFORM	8.363	173	3515	3.52	UG/L	#	92
71) ISOPROPYLBENZENE	8.547	105	36068	1.95	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	4826	1.74	UG/L	#	63
73) 1,1,2,2-TETRACHLOROETHANE	8.853	83	13024	1.78	UG/L	#	96
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	4202	1.68	UG/L	#	72
75) BROMOBENZENE	8.823	77	22146	2.04	UG/L		87
76) 1,2,3-TRICHLOROPROPANE	8.884	110	3797	1.71	UG/L	#	46
77) N-PROPYLBENZENE	8.954	91	49855	1.89	UG/L		98
78) 2-CHLOROT0LUENE	9.021	91	34743	1.98	UG/L		94
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	35055	1.92	UG/L		96
80) 4-CHLOROTOLUENE	9.135	91	41046	2.06	UG/L		95
82) TERT-BUTYLBENZENE	9.450	119	26375	1.97	UG/L		88
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	37060	2.05	UG/L		96
84) SEC-BUTYLBENZENE	9.665	105	35487	1.93	UG/L		97
85) 1,3-DICHLOROBENZENE	9.754	146	21525	1.85	UG/L		96
86) P-ISOPROPYLTOLUENE	9.818	119	31006	2.00	UG/L	#	93
87) 1,4-DICHLOROBENZENE	9.846	146	22749	1.85	UG/L	#	85
88) N-BUTYLBENZENE	10.223	91	29582	2.08	UG/L		96
89) 1,2-DICHLOROBENZENE	10.206	146	21154	1.83	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	1228	1.66	UG/L	#	74
91) 1,3,5-TRICHLOROBENZENE	11.193	180	12225	1.76	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.798	180	9970	1.58	UG/L		93
93) HEXACHLOROBUTADIENE	11.985	225	4260	1.59	UG/L		92
94) NAPHTHALENE	12.035	128	21643	1.64	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	7762	1.53	UG/L		94

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245006.D
Acq On : 2 Sep 2011 11:55 am
Operator :
Sample : 8260 STD 2.0 PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 06 17:00:53 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Data Path : W:\1\DATA\090211\
Data File : VB245007.D
Acq On : 2 Sep 2011 12:27 pm
Operator :
Sample : 8260 STD 5.0 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 02 16:00:20 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	386751	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	622297	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	330274	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	299847	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	253372	29.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.00%				
42) TOLUENE-D8 SS	6.126	98	634867	26.42	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.68%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	263416	26.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.28%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	29692	4.78	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	48449	4.57	UG/L		96
5) CHLOROMETHANE	1.132	50	38117	5.08	UG/L		94
6) VINYL CHLORIDE	1.188	62	39126	6.90	UG/L		91
7) BROMOMETHANE	1.366	94	17801	6.23	UG/L		98
8) CHLOROETHANE	1.425	64	23412	7.91	UG/L		99
9) FLUORODICHLOROMETHANE	1.533	67	51919	6.58	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.570	101	37648	5.89	UG/L		99
11) DI ETHYL ETHER	1.743	59	27234	6.73	UG/L	#	74
12) ACROLEIN	1.826	56	33019	81.32	UG/L	#	91
13) ACETONE	1.927	43	72884	38.91	UG/L	#	55
14) 1,1-DICHLOROETHENE	1.888	61	40795	6.01	UG/L	#	86
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	21976	6.52	UG/L		93
16) IODOMETHANE	1.994	142	339901	56.72	UG/L		88
17) METHYL ACETATE	2.153	43	52706	4.64	UG/L	#	66
18) T-BUTYL ALCOHOL	2.331	59	35423	84.81	UG/L	#	75
19) ACRYLONITRILE	2.426	53	15681	6.03	UG/L	#	91
20) METHYLENE CHLORIDE	2.228	49	42623	5.30	UG/L	#	56
21) CARBON DISULFIDE	2.041	76	599119	71.32	UG/L		94
22) METHYL TERT-BUTYL ETHE...	2.451	73	90327	7.48	UG/L		97
23) TRANS 1,2-DICHLOROETHENE	2.445	61	41085	6.57	UG/L		90
24) 1,1-DICHLOROETHANE	2.819	63	54414	6.81	UG/L		99
25) VINYL ACETATE	2.880	43	479785	41.56	UG/L	#	86
26) DI ISOPROPYL ETHER	2.897	45	84590	4.47	UG/L	#	66
27) 2-BUTANONE	3.446	43	176324	48.68	UG/L	#	92
28) T-BUTYL ETHYL ETHER	3.274	59	117587	6.39	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.407	61	57747	5.85	UG/L		90
30) 2,2-DICHLOROPROPANE	3.407	77	33038	6.77	UG/L		98
31) ETHYL ACETATE	3.513	43	45744	5.17	UG/L	#	91
32) BROMOCHLOROMETHANE	3.650	128	11926	4.81	UG/L		96
33) TETRAHYDROFURAN	3.711	42	10229	4.09	UG/L	#	87
34) CHLOROFORM	3.739	83	50080	5.40	UG/L		98
35) 1,1,1-TRICHLOROETHANE	3.907	97	36521	5.57	UG/L		95
36) CYCLOHEXANE	3.960	56	56921	5.95	UG/L	#	83
37) CARBON TETRACHLORIDE	4.077	117	25582	4.46	UG/L		99
38) 1,1-DICHLOROPROPENE	4.074	75	36405	5.39	UG/L		97
39) BENZENE	4.286	78	111691	5.19	UG/L		100
40) T-AMYLMETHYL ETHER	4.420	73	73115	6.21	UG/L		97
43) 1,2-DICHLOROETHANE	4.311	62	52837	6.01	UG/L		89
44) TRICHLOROETHENE	4.927	95	26792	5.04	UG/L		94
45) METHYLCYCLOHEXANE	5.103	83	29900	5.09	UG/L		95
46) 1,2-DICHLOROPROPANE	5.150	63	33931	5.71	UG/L		95
47) DIBROMOMETHANE	5.265	93	17659	5.25	UG/L		94

Data Path : W:\1\DATA\090211\
Data File : VB245007.D
Acq On : 2 Sep 2011 12:27 pm
Operator :
Sample : 8260 STD 5.0 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 02 16:00:20 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

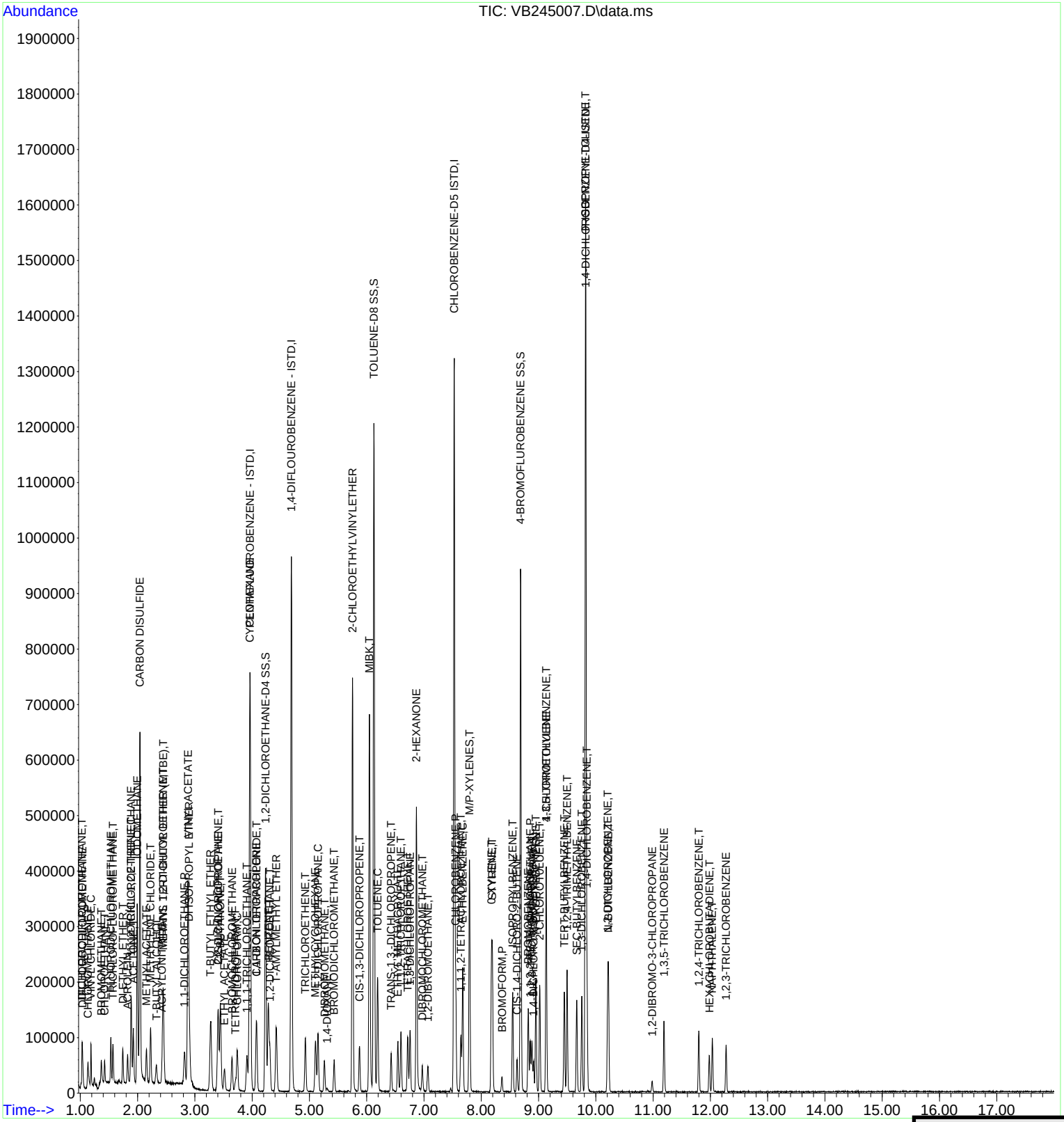
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.309	88	2994	74.83	UG/L	#	82
49) BROMODICHLOROMETHANE	5.432	83	28918	5.38	UG/L		99
50) 2-CHLOROETHYLVINYLETHER	5.753	63	272495	67.45	UG/L	#	81
51) MIBK	6.045	43	381339	52.14	UG/L	#	89
52) CIS-1,3-DICHLOROPROPENE	5.875	75	37341	5.14	UG/L		89
53) TOLUENE	6.190	91	118338	5.25	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.425	75	29988	5.63	UG/L		89
55) ETHYL METHACRYLATE	6.545	41	31550	4.84	UG/L		84
56) 1,1,2-TRICHLOROETHANE	6.598	97	26140	5.10	UG/L		99
57) 2-HEXANONE	6.868	43	270382	53.38	UG/L	#	86
58) TETRACHLOROETHENE	6.715	164	18470	4.68	UG/L		95
59) 1,3-DICHLOROPROPANE	6.757	76	49199	5.49	UG/L		89
60) DIBROMOCHLOROMETHANE	6.971	129	17348	4.64	UG/L		96
61) 1,2-DIBROMOETHANE	7.069	107	25109	4.95	UG/L		98
64) CHLOROBENZENE	7.554	112	75843	4.91	UG/L	#	88
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	20117	4.30	UG/L		98
66) ETHYLBENZENE	7.677	91	128398	5.10	UG/L		99
67) M/P-XYLENES	7.794	91	209220	10.90	UG/L		95
68) 0-XYLENE	8.179	91	107729	5.43	UG/L		97
69) STYRENE	8.193	104	80204	5.20	UG/L		95
70) BROMOFORM	8.366	173	10133	5.17	UG/L	#	96
71) ISOPROPYLBENZENE	8.550	105	94292	5.12	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	12590	4.58	UG/L	#	71
73) 1,1,2,2-TETRACHLOROETHANE	8.854	83	35010	4.81	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	12605	5.08	UG/L	#	80
75) BROMOBENZENE	8.820	77	54418	5.06	UG/L		90
76) 1,2,3-TRICHLOROPROPANE	8.884	110	10305	4.66	UG/L	#	52
77) N-PROPYLBENZENE	8.954	91	132237	5.04	UG/L		97
78) 2-CHLOROT0LUENE	9.021	91	90389	5.18	UG/L		95
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	92948	5.13	UG/L		98
80) 4-CHLOROTOLUENE	9.135	91	105509	5.34	UG/L		96
82) TERT-BUTYLBENZENE	9.450	119	68585	5.10	UG/L		92
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	97723	5.38	UG/L		96
84) SEC-BUTYLBENZENE	9.668	105	93165	5.04	UG/L		98
85) 1,3-DICHLOROBENZENE	9.754	146	55214	4.73	UG/L		97
86) P-ISOPROPYLTOLUENE	9.818	119	79752	5.13	UG/L		95
87) 1,4-DICHLOROBENZENE	9.844	146	58052	4.69	UG/L	#	90
88) N-BUTYLBENZENE	10.223	91	74481	5.23	UG/L		98
89) 1,2-DICHLOROBENZENE	10.209	146	54803	4.73	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	3521	4.73	UG/L	#	77
91) 1,3,5-TRICHLOROBENZENE	11.190	180	31793	4.55	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.798	180	27142	4.28	UG/L		99
93) HEXACHLOROBUTADIENE	11.985	225	11147	4.15	UG/L		97
94) NAPHTHALENE	12.033	128	59120	4.48	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	20044	3.93	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245007.D
Acq On : 2 Sep 2011 12:27 pm
Operator :
Sample : 8260 STD 5.0 PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 02 16:00:20 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245008.D
Acq On : 2 Sep 2011 12:59 pm
Operator :
Sample : 8260 STD 10 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 06 17:02:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	386697	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	625333	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	336215	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	305275	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	253094	29.22	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.88%				
42) TOLUENE-D8 SS	6.129	98	637732	26.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.64%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	260993	25.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.48%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	57068	9.19	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	96839	9.13	UG/L		96
5) CHLOROMETHANE	1.132	50	79895	10.66	UG/L		94
6) VINYL CHLORIDE	1.187	62	84601	14.93	UG/L		99
7) BROMOMETHANE	1.363	94	33451	11.71	UG/L		95
8) CHLOROETHANE	1.422	64	51316m	17.34	UG/L		
9) FLUORODICHLOROMETHANE	1.533	67	109885	13.94	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.569	101	76035	11.89	UG/L		99
11) DI ETHYL ETHER	1.742	59	56584	13.99	UG/L	#	74
12) ACROLEIN	1.826	56	68005	167.50	UG/L	#	96
13) ACETONE	1.926	43	153387	81.90	UG/L	#	58
14) 1,1-DICHLOROETHENE	1.887	61	87449	12.89	UG/L		90
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	44137	13.10	UG/L		94
16) IODOMETHANE	1.993	142	798305	150.70	UG/L		92
17) METHYL ACETATE	2.155	43	113138m	9.97	UG/L		
18) T-BUTYL ALCOHOL	2.331	59	73709	176.50	UG/L	#	79
19) ACRYLONITRILE	2.426	53	31367	12.07	UG/L		93
20) METHYLENE CHLORIDE	2.228	49	83264	10.36	UG/L	#	59
21) CARBON DISULFIDE	2.041	76	1306796	155.59	UG/L	#	93
22) METHYL TERT-BUTYL ETHE...	2.451	73	190584	15.78	UG/L		97
23) TRANS 1,2-DICHLOROETHENE	2.442	61	86565	13.85	UG/L		91
24) 1,1-DICHLOROETHANE	2.819	63	114016	14.26	UG/L		96
25) VINYL ACETATE	2.880	43	1016474	88.05	UG/L	#	86
26) DI ISOPROPYL ETHER	2.902	45	177879	9.39	UG/L	#	67
27) 2-BUTANONE	3.443	43	373237	103.05	UG/L	#	92
28) T-BUTYL ETHYL ETHER	3.276	59	251422	13.67	UG/L		97
29) CIS-1,2-DICHLOROETHENE	3.404	61	122758	12.43	UG/L		91
30) 2,2-DICHLOROPROPANE	3.402	77	70634	14.47	UG/L		98
31) ETHYL ACETATE	3.513	43	91276	10.33	UG/L	#	91
32) BROMOCHLOROMETHANE	3.650	128	25287	10.20	UG/L		97
33) TETRAHYDROFURAN	3.706	42	24540	9.80	UG/L	#	92
34) CHLOROFORM	3.739	83	101627	10.97	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.909	97	78546	11.98	UG/L		97
36) CYCLOHEXANE	3.954	56	108112	11.30	UG/L	#	89
37) CARBON TETRACHLORIDE	4.071	117	57283	9.98	UG/L		98
38) 1,1-DICHLOROPROPENE	4.076	75	76652	11.35	UG/L		97
39) BENZENE	4.283	78	233183	10.84	UG/L		99
40) T-AMYLMETHYL ETHER	4.422	73	156690	13.31	UG/L		98
43) 1,2-DICHLOROETHANE	4.308	62	111363	12.62	UG/L		91
44) TRICHLOROETHENE	4.930	95	57073	10.67	UG/L		94
45) METHYLCYCLOHEXANE	5.108	83	61069	10.34	UG/L		94
46) 1,2-DICHLOROPROPANE	5.150	63	74531	12.48	UG/L	#	91
47) DIBROMOMETHANE	5.262	93	37923	11.22	UG/L		94

Data Path : W:\1\DATA\090211\
Data File : VB245008.D
Acq On : 2 Sep 2011 12:59 pm
Operator :
Sample : 8260 STD 10 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 06 17:02:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

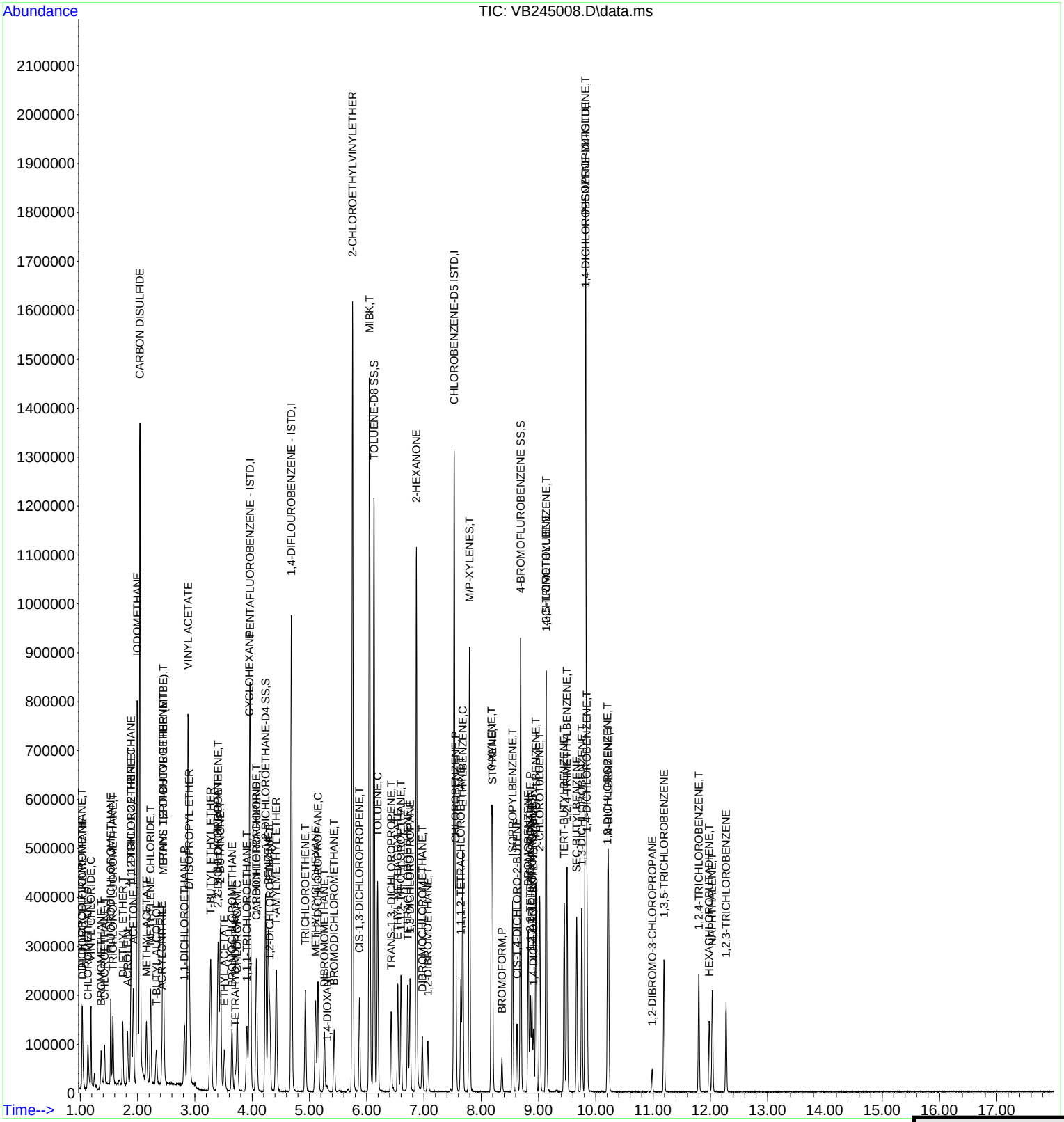
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.312	88	6314	157.04	UG/L	#	76
49) BROMODICHLOROMETHANE	5.432	83	67868	12.57	UG/L		98
50) 2-CHLOROETHYLVINYLETHER	5.752	63	594507	146.44	UG/L	#	80
51) MIBK	6.048	43	812414	110.55	UG/L	#	88
52) CIS-1,3-DICHLOROPROPENE	5.872	75	85007	11.10	UG/L		87
53) TOLUENE	6.190	91	252004	11.12	UG/L		99
54) TRANS-1,3,-DICHLOROPRO...	6.430	75	68217	10.97	UG/L		91
55) ETHYL METHACRYLATE	6.542	41	67497	10.30	UG/L	#	75
56) 1,1,2-TRICHLOROETHANE	6.597	97	55548	10.77	UG/L		98
57) 2-HEXANONE	6.868	43	583021	114.54	UG/L	#	85
58) TETRACHLOROETHENE	6.715	164	39839	10.04	UG/L		98
59) 1,3-DICHLOROPROPANE	6.756	76	104279	11.58	UG/L		87
60) DIBROMOCHLOROMETHANE	6.971	129	41705	11.10	UG/L		99
61) 1,2-DIBROMOETHANE	7.069	107	55348	10.87	UG/L		98
64) CHLOROBENZENE	7.554	112	161426	10.26	UG/L		92
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	46504	9.77	UG/L		99
66) ETHYLBENZENE	7.677	91	278204	10.86	UG/L		97
67) M/P-XYLENES	7.794	91	445939	22.82	UG/L		96
68) 0-XYLENE	8.179	91	233239	11.54	UG/L		97
69) STYRENE	8.195	104	177322	11.30	UG/L		96
70) BROMOFORM	8.360	173	25273	8.81	UG/L	#	97
71) ISOPROPYLBENZENE	8.547	105	200698	10.71	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	29476	10.52	UG/L	#	82
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	77431	10.45	UG/L		98
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	28808	11.41	UG/L	#	85
75) BROMOBENZENE	8.820	77	119179	10.88	UG/L		88
76) 1,2,3-TRICHLOROPROPANE	8.887	110	22859	10.16	UG/L		85
77) N-PROPYLBENZENE	8.954	91	280951	10.53	UG/L		97
78) 2-CHLOROT0LUENE	9.021	91	191005	10.75	UG/L		95
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	204176	11.06	UG/L		96
80) 4-CHLOROTOLUENE	9.132	91	226199	11.24	UG/L		95
82) TERT-BUTYLBENZENE	9.447	119	147265	10.76	UG/L		91
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	209808	11.34	UG/L		97
84) SEC-BUTYLBENZENE	9.665	105	201463	10.70	UG/L		98
85) 1,3-DICHLOROBENZENE	9.757	146	120668	10.15	UG/L		97
86) P-ISOPROPYLTOLUENE	9.818	119	172821	10.92	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	126203	10.02	UG/L		95
88) N-BUTYLBENZENE	10.223	91	160970	11.09	UG/L		98
89) 1,2-DICHLOROBENZENE	10.206	146	120488	10.21	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.987	75	8791	11.61	UG/L		82
91) 1,3,5-TRICHLOROBENZENE	11.193	180	68359	9.61	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.798	180	58599	9.07	UG/L		99
93) HEXACHLOROBUTADIENE	11.979	225	24635	9.01	UG/L		98
94) NAPHTHALENE	12.032	128	129365	9.62	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	43935	8.45	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245008.D
Acq On : 2 Sep 2011 12:59 pm
Operator :
Sample : 8260 STD 10 PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 06 17:02:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245009.D
Acq On : 2 Sep 2011 1:32 pm
Operator :
Sample : 8260 STD 20 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 06 17:03:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	393088	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	631968	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	342288	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	317089	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	252226	28.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.60%				
42) TOLUENE-D8 SS	6.126	98	641326	26.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.12%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	266657	25.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.88%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	114196	18.10	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.037	51	197107	18.29	UG/L		96
5) CHLOROMETHANE	1.132	50	166926	21.91	UG/L		95
6) VINYL CHLORIDE	1.185	62	167444	29.07	UG/L		99
7) BROMOMETHANE	1.358	94	35418m	12.19	UG/L		
8) CHLOROETHANE	1.416	64	84244m	28.00	UG/L		
9) FLUORODICHLOROMETHANE	1.531	67	209939	26.20	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.567	101	150302	23.12	UG/L		98
11) DI ETHYL ETHER	1.743	59	110439	26.87	UG/L	#	75
12) ACROLEIN	1.823	56	132072	320.01	UG/L	#	94
13) ACETONE	1.927	43	288766	151.68	UG/L	#	56
14) 1,1-DICHLOROETHENE	1.888	61	170105	24.66	UG/L	#	89
15) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	87897	25.67	UG/L		94
16) IODOMETHANE	1.991	142	1660015	321.81	UG/L		91
17) METHYL ACETATE	2.153	43	213229	18.48	UG/L	#	66
18) T-BUTYL ALCOHOL	2.331	59	148128	348.93	UG/L	#	78
19) ACRYLONITRILE	2.426	53	59704	22.61	UG/L		92
20) METHYLENE CHLORIDE	2.225	49	151809	18.58	UG/L	#	57
21) CARBON DISULFIDE	2.038	76	2552042	298.92	UG/L	#	93
22) METHYL TERT-BUTYL ETHE...	2.451	73	368284	29.99	UG/L		96
23) TRANS 1,2-DICHLOROETHENE	2.443	61	165225	26.01	UG/L		89
24) 1,1-DICHLOROETHANE	2.816	63	222164	27.34	UG/L		98
25) VINYL ACETATE	2.880	43	1934818	164.88	UG/L	#	86
26) DI ISOPROPYL ETHER	2.903	45	333604	17.33	UG/L	#	66
27) 2-BUTANONE	3.444	43	750490	203.85	UG/L	#	91
28) T-BUTYL ETHYL ETHER	3.276	59	498151	26.65	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.405	61	240921	24.01	UG/L		91
30) 2,2-DICHLOROPROPANE	3.402	77	141477	28.51	UG/L		99
31) ETHYL ACETATE	3.513	43	189140	21.05	UG/L	#	92
32) BROMOCHLOROMETHANE	3.650	128	49671	19.71	UG/L		99
33) TETRAHYDROFURAN	3.703	42	46097	18.12	UG/L	#	90
34) CHLOROFORM	3.739	83	204107	21.67	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.907	97	161294	24.21	UG/L		96
36) CYCLOHEXANE	3.957	56	207617	21.34	UG/L	#	90
37) CARBON TETRACHLORIDE	4.071	117	122196	20.95	UG/L		99
38) 1,1-DICHLOROPROPENE	4.077	75	153336	22.34	UG/L		96
39) BENZENE	4.283	78	471411	21.55	UG/L		100
40) T-AMYLMETHYL ETHER	4.420	73	314936	26.32	UG/L		99
43) 1,2-DICHLOROETHANE	4.308	62	216783	24.30	UG/L		90
44) TRICHLOROETHENE	4.927	95	114363	21.16	UG/L		94
45) METHYLCYCLOHEXANE	5.106	83	124972	20.94	UG/L		94
46) 1,2-DICHLOROPROPANE	5.150	63	144351	23.92	UG/L	#	92
47) DIBROMOMETHANE	5.262	93	76148	22.29	UG/L		95

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245009.D
Acq On : 2 Sep 2011 1:32 pm
Operator :
Sample : 8260 STD 20 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 06 17:03:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

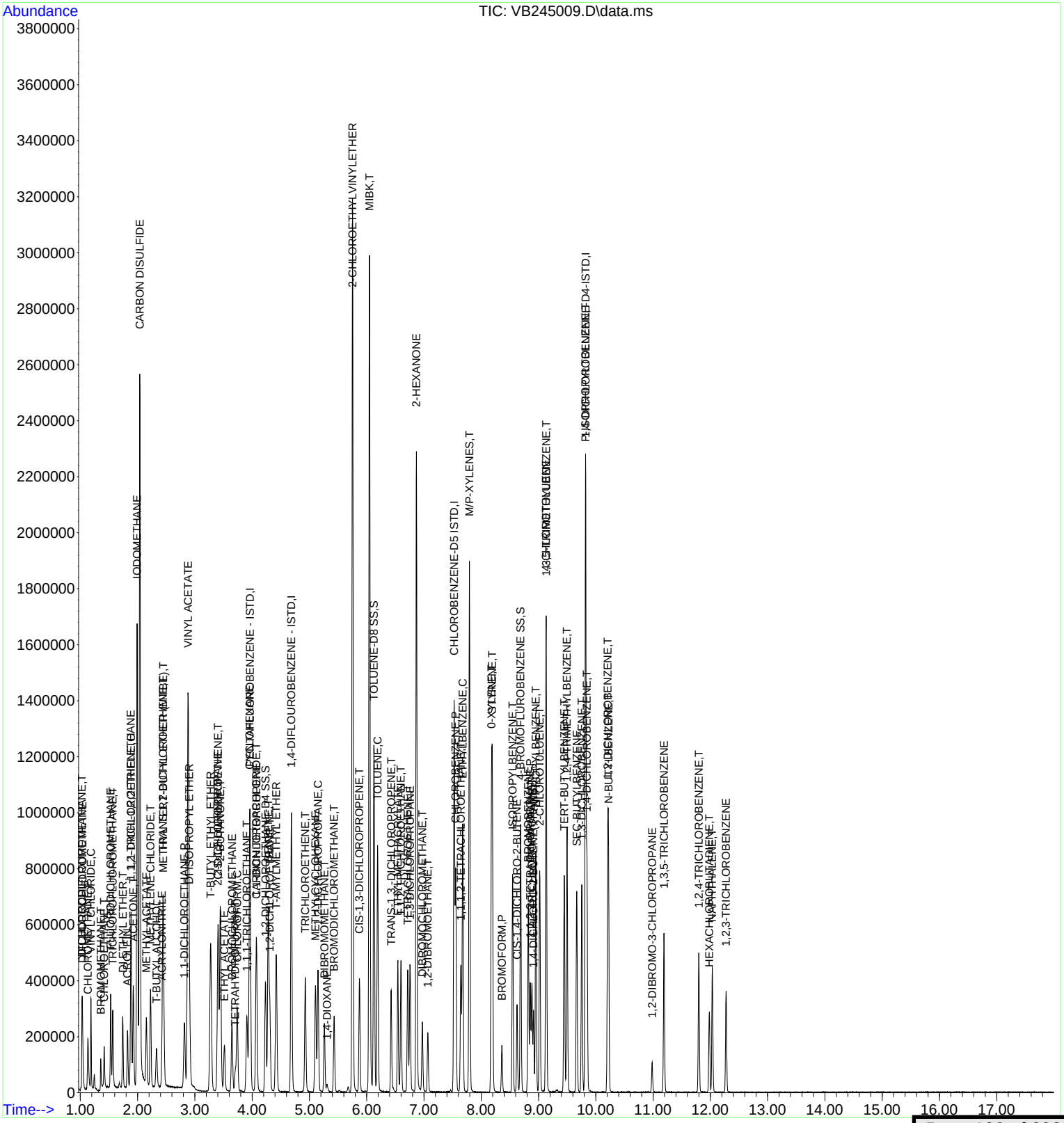
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,4-DIOXANE	5.309	88	14282	351.50 UG/L	91
49) BROMODICHLOROMETHANE	5.432	83	142035	26.03 UG/L	99
50) 2-CHLOROETHYLVINYLETHER	5.753	63	1202524	293.10 UG/L #	78
51) MIBK	6.048	43	1634695	220.10 UG/L #	87
52) CIS-1,3-DICHLOROPROPENE	5.873	75	178214	22.57 UG/L #	86
53) TOLUENE	6.190	91	500901	21.86 UG/L	100
54) TRANS-1,3,-DICHLOROPRO...	6.428	75	154536	22.85 UG/L #	85
55) ETHYL METHACRYLATE	6.545	41	143362	21.66 UG/L #	78
56) 1,1,2-TRICHLOROETHANE	6.598	97	111656	21.43 UG/L	98
57) 2-HEXANONE	6.868	43	1182805	229.93 UG/L #	84
58) TETRACHLOROETHENE	6.718	164	80323	20.03 UG/L	97
59) 1,3-DICHLOROPROPANE	6.757	76	204250	22.45 UG/L	88
60) DIBROMOCHLOROMETHANE	6.971	129	94587	24.92 UG/L	99
61) 1,2-DIBROMOETHANE	7.066	107	111156	21.60 UG/L	99
64) CHLOROBENZENE	7.554	112	323482	20.20 UG/L	95
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	98685	20.37 UG/L	99
66) ETHYLBENZENE	7.677	91	558195	21.40 UG/L	98
67) M/P-XYLENES	7.794	91	892480	44.86 UG/L	97
68) 0-XYLENE	8.179	91	469531	22.82 UG/L	98
69) STYRENE	8.193	104	362338	22.69 UG/L	96
70) BROMOFORM	8.360	173	60235	17.07 UG/L	99
71) ISOPROPYLBENZENE	8.547	105	410820	21.54 UG/L	99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	63617	22.31 UG/L	89
73) 1,1,2,2-TETRACHLOROETHANE	8.854	83	156999	20.81 UG/L	98
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	58407	22.73 UG/L	93
75) BROMOBENZENE	8.820	77	238017	21.34 UG/L	90
76) 1,2,3-TRICHLOROPROPANE	8.884	110	45285	19.77 UG/L	88
77) N-PROPYLBENZENE	8.954	91	561847	20.68 UG/L	98
78) 2-CHLOROT0LUENE	9.021	91	380514	21.03 UG/L	96
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	414583	22.06 UG/L	98
80) 4-CHLOROTOLUENE	9.132	91	453630	22.15 UG/L	96
82) TERT-BUTYLBENZENE	9.450	119	302902	21.31 UG/L	95
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	426001	22.16 UG/L	98
84) SEC-BUTYLBENZENE	9.668	105	411067	21.03 UG/L	99
85) 1,3-DICHLOROBENZENE	9.754	146	246503	19.97 UG/L	98
86) P-ISOPROPYLTOLUENE	9.818	119	351422	21.38 UG/L	97
87) 1,4-DICHLOROBENZENE	9.846	146	254984	19.49 UG/L	96
88) N-BUTYLBENZENE	10.223	91	327752	21.75 UG/L	99
89) 1,2-DICHLOROBENZENE	10.209	146	245876	20.06 UG/L	98
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	20004	25.42 UG/L	84
91) 1,3,5-TRICHLOROBENZENE	11.190	180	140424	19.00 UG/L	100
92) 1,2,4-TRICHLOROBENZENE	11.798	180	120522	17.97 UG/L	98
93) HEXACHLOROBUTADIENE	11.982	225	49647	17.48 UG/L	99
94) NAPHTHALENE	12.033	128	269587	19.30 UG/L	100
95) 1,2,3-TRICHLOROBENZENE	12.275	180	89732	16.62 UG/L	99

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245009.D
Acq On : 2 Sep 2011 1:32 pm
Operator :
Sample : 8260 STD 20 PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 06 17:03:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245010.D
Acq On : 2 Sep 2011 2:04 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 02 16:00:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	398056	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	639171	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	346921	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	328065	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	251942	28.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.04%				
42) TOLUENE-D8 SS	6.129	98	642678	26.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.16%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	270380	25.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.92%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	272919	42.71	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	492322	45.11	UG/L		95
5) CHLOROMETHANE	1.132	50	379101	49.13	UG/L		94
6) VINYL CHLORIDE	1.188	62	412573	70.73	UG/L		98
7) BROMOMETHANE	1.363	94	176448	59.99	UG/L		99
8) CHLOROETHANE	1.422	64	206705	67.84	UG/L		99
9) FLUORODICHLOROMETHANE	1.533	67	514329	63.38	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.570	101	374384	56.88	UG/L		99
11) DI ETHYL ETHER	1.740	59	272319	65.42	UG/L	#	74
12) ACROLEIN	1.823	56	333570	798.16	UG/L	#	95
13) ACETONE	1.924	43	731929	379.67	UG/L	#	58
14) 1,1-DICHLOROETHENE	1.888	61	413517	59.19	UG/L	#	89
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	215365	62.11	UG/L		94
16) IODOMETHANE	1.994	142	4242483	831.92	UG/L		91
17) METHYL ACETATE	2.152	43	536886	45.95	UG/L	#	68
18) T-BUTYL ALCOHOL	2.328	59	371305	863.72	UG/L	#	77
19) ACRYLONITRILE	2.426	53	145708	54.48	UG/L		96
20) METHYLENE CHLORIDE	2.225	49	355604	42.99	UG/L	#	57
21) CARBON DISULFIDE	2.041	76	5964032	689.85	UG/L	#	94
22) METHYL TERT-BUTYL ETHE...	2.448	73	902630	72.59	UG/L		96
23) TRANS 1,2-DICHLOROETHENE	2.442	61	398379	61.92	UG/L		88
24) 1,1-DICHLOROETHANE	2.819	63	546768	66.45	UG/L		99
25) VINYL ACETATE	2.880	43	4553043	383.15	UG/L	#	84
26) DI ISOPROPYL ETHER	2.903	45	767952	39.39	UG/L	#	62
27) 2-BUTANONE	3.444	43	1915460	513.79	UG/L	#	90
28) T-BUTYL ETHYL ETHER	3.276	59	1252752	66.18	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.407	61	597460	58.79	UG/L		92
30) 2,2-DICHLOROPROPANE	3.405	77	364245	72.48	UG/L		99
31) ETHYL ACETATE	3.513	43	415367	45.65	UG/L	#	92
32) BROMOCHLOROMETHANE	3.650	128	123129	48.24	UG/L		99
33) TETRAHYDROFURAN	3.706	42	121378	47.11	UG/L	#	92
34) CHLOROFORM	3.739	83	498883	52.31	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.909	97	410052	60.78	UG/L		97
36) CYCLOHEXANE	3.957	56	497753	50.53	UG/L	#	90
37) CARBON TETRACHLORIDE	4.071	117	325184	55.06	UG/L		98
38) 1,1-DICHLOROPROPENE	4.077	75	377318	54.30	UG/L		97
39) BENZENE	4.283	78	1156996	52.23	UG/L		100
40) T-AMYLMETHYL ETHER	4.420	73	805437	66.46	UG/L		98
43) 1,2-DICHLOROETHANE	4.311	62	526577	58.36	UG/L		90
44) TRICHLOROETHENE	4.930	95	285367	52.22	UG/L		95
45) METHYLCYCLOHEXANE	5.108	83	313556	51.96	UG/L		94
46) 1,2-DICHLOROPROPANE	5.150	63	358971	58.82	UG/L	#	91
47) DIBROMOMETHANE	5.259	93	195858	56.69	UG/L		94

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245010.D
Acq On : 2 Sep 2011 2:04 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 02 16:00:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

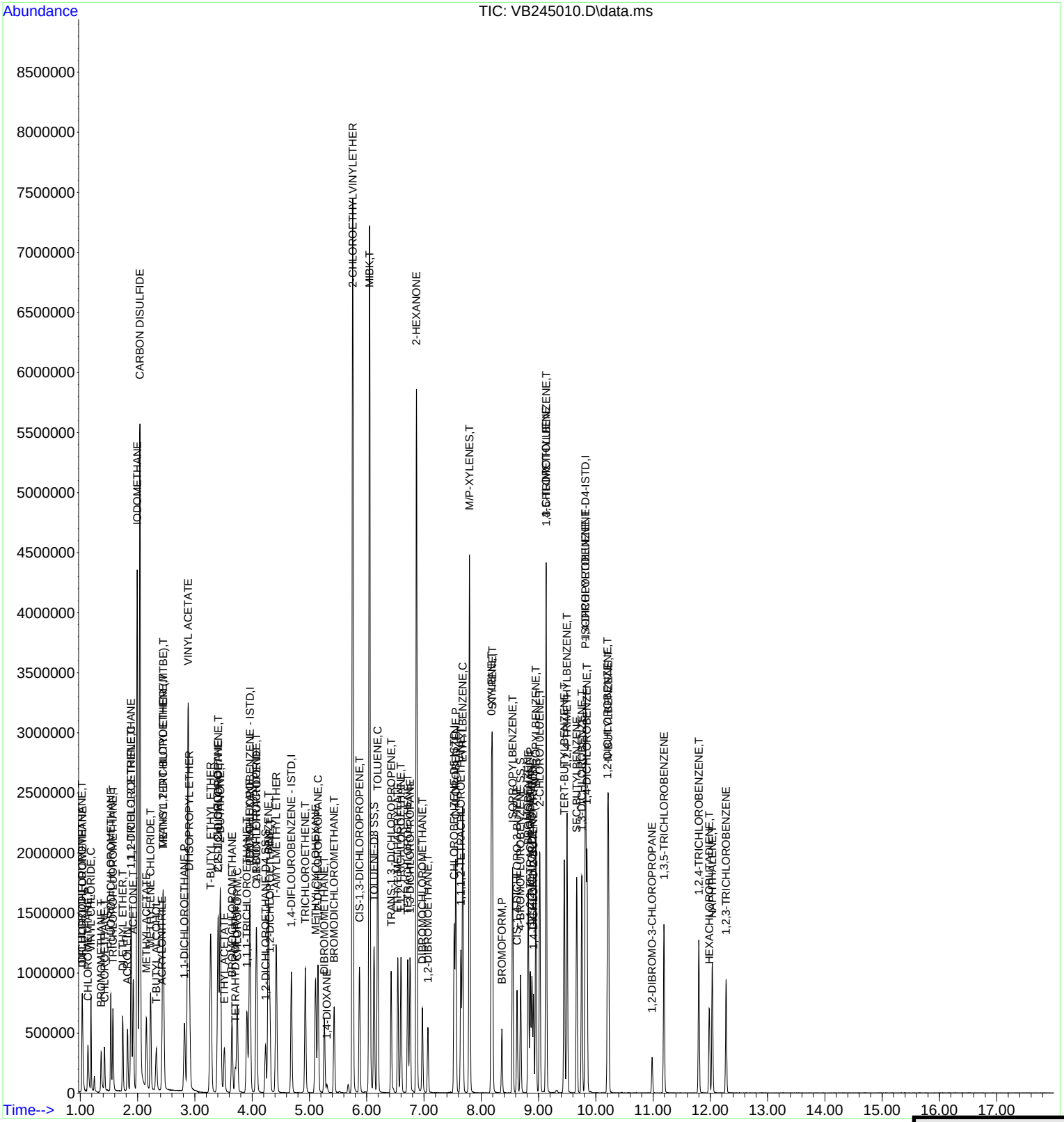
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.304	88	34888	848.96	UG/L		91
49) BROMODICHLOROMETHANE	5.429	83	384530	69.69	UG/L		100
50) 2-CHLOROETHYLVINYLETHER	5.758	63	3067955	739.36	UG/L	#	72
51) MIBK	6.048	43	4075934	542.61	UG/L	#	83
52) CIS-1,3-DICHLOROPROPENE	5.875	75	472654	58.48	UG/L	#	85
53) TOLUENE	6.190	91	1245106	53.73	UG/L		100
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	418853	58.87	UG/L	#	86
55) ETHYL METHACRYLATE	6.542	41	352537	52.66	UG/L	#	76
56) 1,1,2-TRICHLOROETHANE	6.598	97	278372	52.83	UG/L		98
57) 2-HEXANONE	6.868	43	3016149	579.72	UG/L	#	80
58) TETRACHLOROETHENE	6.717	164	206805	51.00	UG/L		99
59) 1,3-DICHLOROPROPANE	6.757	76	510336	55.45	UG/L	#	86
60) DIBROMOCHLOROMETHANE	6.974	129	270102	70.36	UG/L		100
61) 1,2-DIBROMOETHANE	7.069	107	286005	54.94	UG/L		99
64) CHLOROBENZENE	7.557	112	817942	50.39	UG/L		96
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	267641	54.51	UG/L		98
66) ETHYLBENZENE	7.677	91	1383105	52.31	UG/L		99
67) M/P-XYLENES	7.794	91	2235716	110.87	UG/L		98
68) 0-XYLENE	8.179	91	1189986	57.06	UG/L		98
69) STYRENE	8.195	104	928163	57.34	UG/L		96
70) BROMOFORM	8.360	173	191277	47.84	UG/L		99
71) ISOPROPYLBENZENE	8.547	105	1037740	53.68	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	172900	59.83	UG/L		99
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	394199	51.56	UG/L		100
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	157417	60.43	UG/L		99
75) BROMOBENZENE	8.820	77	591990	52.36	UG/L		92
76) 1,2,3-TRICHLOROPROPANE	8.884	110	114056	49.12	UG/L		86
77) N-PROPYLBENZENE	8.954	91	1409563	51.18	UG/L		99
78) 2-CHLOROT0LUENE	9.021	91	944369	51.49	UG/L		97
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	1051350	55.20	UG/L		98
80) 4-CHLOROTOLUENE	9.132	91	1135454	54.70	UG/L		97
82) TERT-BUTYLBENZENE	9.450	119	768241	52.23	UG/L		96
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	1076515	54.12	UG/L		98
84) SEC-BUTYLBENZENE	9.665	105	1032888	51.07	UG/L		99
85) 1,3-DICHLOROBENZENE	9.757	146	630924	49.39	UG/L		99
86) P-ISOPROPYLTOLUENE	9.818	119	891657	52.44	UG/L		99
87) 1,4-DICHLOROBENZENE	9.846	146	649971	48.02	UG/L		98
88) N-BUTYLBENZENE	10.220	91	821818	52.71	UG/L		99
89) 1,2-DICHLOROBENZENE	10.206	146	637388	50.27	UG/L		98
90) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	60737	74.61	UG/L		86
91) 1,3,5-TRICHLOROBENZENE	11.190	180	362878	47.47	UG/L		100
92) 1,2,4-TRICHLOROBENZENE	11.798	180	312209	44.99	UG/L		99
93) HEXACHLOROBUTADIENE	11.982	225	124908	42.51	UG/L		99
94) NAPHTHALENE	12.035	128	698508	48.34	UG/L		100
95) 1,2,3-TRICHLOROBENZENE	12.275	180	234010	41.89	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245010.D
Acq On : 2 Sep 2011 2:04 pm
Operator :
Sample : 8260 STD 50 PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 02 16:00:23 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245011.D
Acq On : 2 Sep 2011 2:36 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 06 17:05:38 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	411534	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	649044	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	357464	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	349383	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	256181	27.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.20%				
42) TOLUENE-D8 SS	6.132	98	659902	26.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.32%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	277842	25.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	539876	81.71	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.037	51	1000973	88.72	UG/L		96
5) CHLOROMETHANE	1.132	50	818892	102.64	UG/L		94
6) VINYL CHLORIDE	1.185	62	790175	131.03	UG/L		98
7) BROMOMETHANE	1.358	94	272353	89.57	UG/L		100
8) CHLOROETHANE	1.419	64	386646m	122.73	UG/L		
9) FLUORODICHLOROMETHANE	1.531	67	1014029	120.87	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.567	101	742328	109.08	UG/L		99
11) DI ETHYL ETHER	1.740	59	529926	123.13	UG/L	#	74
12) ACROLEIN	1.823	56	673701	1559.22	UG/L		96
13) ACETONE	1.927	43	1402463	703.66	UG/L	#	59
14) 1,1-DICHLOROETHENE	1.888	61	782602	108.36	UG/L	#	88
15) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	421093	117.47	UG/L		93
16) IODOMETHANE	1.991	142	7754032	1480.65	UG/L		91
17) METHYL ACETATE	2.152	43	1032683	85.49	UG/L	#	66
18) T-BUTYL ALCOHOL	2.331	59	746163	1678.86	UG/L	#	76
19) ACRYLONITRILE	2.426	53	279263	101.00	UG/L		94
20) METHYLENE CHLORIDE	2.225	49	684788	80.07	UG/L	#	54
21) CARBON DISULFIDE	2.038	76	9988993	1117.57	UG/L		94
22) METHYL TERT-BUTYL ETHE...	2.451	73	1751598	136.26	UG/L		94
23) TRANS 1,2-DICHLOROETHENE	2.440	61	759303	114.16	UG/L		86
24) 1,1-DICHLOROETHANE	2.819	63	1086528	127.72	UG/L		98
25) VINYL ACETATE	2.883	43	7726981	628.95	UG/L	#	80
26) DI ISOPROPYL ETHER	2.905	45	1371508	68.05	UG/L	#	56
27) 2-BUTANONE	3.446	43	3872794	1004.78	UG/L	#	89
28) T-BUTYL ETHYL ETHER	3.276	59	2626667	134.22	UG/L		98
29) CIS-1,2-DICHLOROETHENE	3.407	61	1230593	117.13	UG/L		93
30) 2,2-DICHLOROPROPANE	3.405	77	772826	148.75	UG/L		99
31) ETHYL ACETATE	3.516	43	844691	89.78	UG/L	#	92
32) BROMOCHLOROMETHANE	3.647	128	250974	95.11	UG/L		96
33) TETRAHYDROFURAN	3.706	42	249064	93.51	UG/L	#	92
34) CHLOROFORM	3.739	83	1029047	104.37	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.909	97	868598	124.53	UG/L		97
36) CYCLOHEXANE	3.957	56	1015538	99.72	UG/L	#	91
37) CARBON TETRACHLORIDE	4.071	117	711092	116.47	UG/L		100
38) 1,1-DICHLOROPROPENE	4.077	75	779786	108.54	UG/L		98
39) BENZENE	4.283	78	2409162	105.20	UG/L		100
40) T-AMYLMETHYL ETHER	4.422	73	1702490	135.88	UG/L		96
43) 1,2-DICHLOROETHANE	4.308	62	1068037	116.57	UG/L		91
44) TRICHLOROETHENE	4.930	95	599790	108.08	UG/L		96
45) METHYLCYCLOHEXANE	5.106	83	650872	106.21	UG/L	#	94
46) 1,2-DICHLOROPROPANE	5.150	63	740293	119.46	UG/L	#	90
47) DIBROMOMETHANE	5.262	93	407699	116.21	UG/L		96

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245011.D
Acq On : 2 Sep 2011 2:36 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 06 17:05:38 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

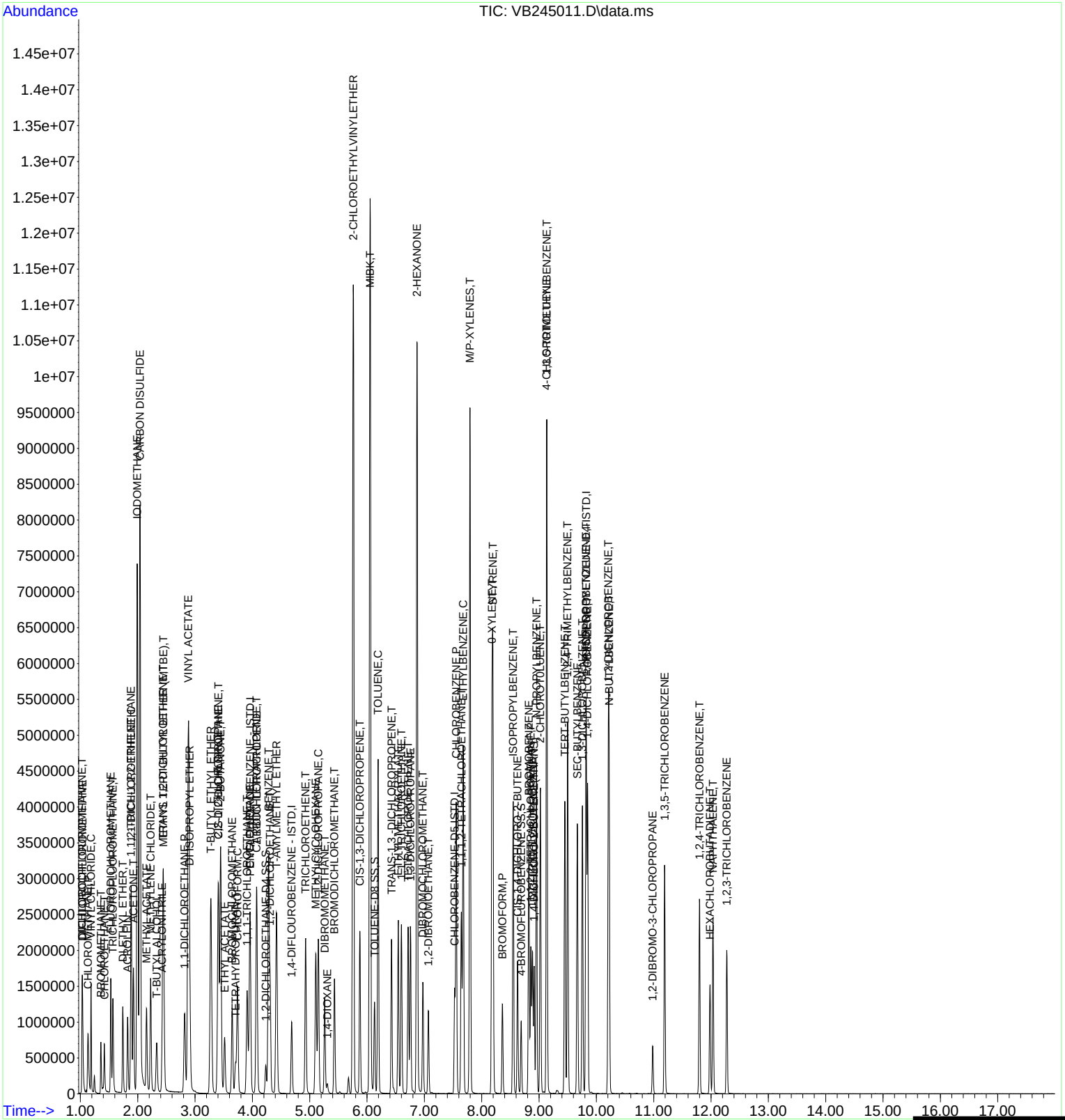
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.306	88	74871	1794.19	UG/L		92
49) BROMODICHLOROMETHANE	5.432	83	834247	148.89	UG/L		100
50) 2-CHLOROETHYLVINYLETHER	5.761	63	5535184	1313.65	UG/L	#	66
51) MIBK	6.054	43	7154906	938.02	UG/L	#	75
52) CIS-1,3-DICHLOROPROPENE	5.875	75	1016813	123.41	UG/L	#	83
53) TOLUENE	6.193	91	2636235	112.03	UG/L		100
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	922946	126.10	UG/L	#	84
55) ETHYL METHACRYLATE	6.545	41	729419	107.29	UG/L	#	72
56) 1,1,2-TRICHLOROETHANE	6.600	97	577730	107.97	UG/L		98
57) 2-HEXANONE	6.871	43	5587762	1057.66	UG/L	#	72
58) TETRACHLOROETHENE	6.717	164	439427	106.72	UG/L		99
59) 1,3-DICHLOROPROPANE	6.757	76	1059371	113.35	UG/L	#	85
60) DIBROMOCHLOROMETHANE	6.974	129	616514	158.15	UG/L		100
61) 1,2-DIBROMOETHANE	7.069	107	607410	114.91	UG/L		100
64) CHLOROBENZENE	7.557	112	1737516	103.88	UG/L		97
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	584595	115.56	UG/L		99
66) ETHYLBENZENE	7.677	91	2911898	106.88	UG/L		99
67) M/P-XYLENES	7.797	91	4759802	229.08	UG/L		100
68) 0-XYLENE	8.179	91	2536169	118.02	UG/L		99
69) STYRENE	8.195	104	2008634	120.43	UG/L		95
70) BROMOFORM	8.363	173	458911	107.86	UG/L		99
71) ISOPROPYLBENZENE	8.550	105	2202262	110.55	UG/L		100
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	374058	125.61	UG/L		94
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	837773	106.35	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	344343	128.29	UG/L		97
75) BROMOBENZENE	8.823	77	1250293	107.32	UG/L		95
76) 1,2,3-TRICHLOROPROPANE	8.887	110	243814	101.90	UG/L		90
77) N-PROPYLBENZENE	8.957	91	2991781	105.42	UG/L		99
78) 2-CHLOROT0LUENE	9.024	91	2019515	106.86	UG/L		97
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	2283187	116.34	UG/L		100
80) 4-CHLOROTOLUENE	9.132	91	2452708	114.67	UG/L		98
82) TERT-BUTYLBENZENE	9.450	119	1661749	106.08	UG/L		98
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	2315182	109.29	UG/L		99
84) SEC-BUTYLBENZENE	9.668	105	2227931	103.43	UG/L		99
85) 1,3-DICHLOROBENZENE	9.757	146	1364008	100.27	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	1927357	106.43	UG/L		99
87) 1,4-DICHLOROBENZENE	9.846	146	1423794	98.77	UG/L		98
88) N-BUTYLBENZENE	10.223	91	1763941	106.23	UG/L		99
89) 1,2-DICHLOROBENZENE	10.209	146	1404809	104.04	UG/L		99
90) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	141152	162.81	UG/L		87
91) 1,3,5-TRICHLOROBENZENE	11.190	180	800616	98.33	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.801	180	683189	92.44	UG/L		99
93) HEXACHLOROBUTADIENE	11.982	225	274192	87.61	UG/L		98
94) NAPHTHALENE	12.035	128	1516632	98.55	UG/L		100
95) 1,2,3-TRICHLOROBENZENE	12.275	180	503912	84.71	UG/L		99

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245011.D
Acq On : 2 Sep 2011 2:36 pm
Operator :
Sample : 8260 STD 100 PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 06 17:05:38 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245012.D
Acq On : 2 Sep 2011 3:09 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 06 17:07:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.965	168	432621	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	677449	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.529	82	371525	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	392721	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	261615	27.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.00%				
42) TOLUENE-D8 SS	6.132	98	682543	26.09	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.36%				
63) 4-BROMOFLUROBENZENE SS	8.689	95	291913	25.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.72%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	1030075	148.31	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.037	51	1920902	161.95	UG/L		96
5) CHLOROMETHANE	1.132	50	1715108	204.50	UG/L		95
6) VINYL CHLORIDE	1.185	62	1439675	227.09	UG/L		97
7) BROMOMETHANE	1.352	94	74318m	23.25	UG/L		
8) CHLOROETHANE	1.408	64	506854m	153.05	UG/L		
9) FLUORODICHLOROMETHANE	1.528	67	1856797	210.53	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.561	101	1406419	196.60	UG/L		99
11) DI ETHYL ETHER	1.740	59	945018	208.88	UG/L	#	72
12) ACROLEIN	1.823	56	1276150	2809.58	UG/L		95
13) ACETONE	1.929	43	2580850	1231.78	UG/L	#	61
14) 1,1-DICHLOROETHENE	1.885	61	1363908	179.64	UG/L	#	84
15) 1,1,2-TRICL-1,2,2-TRIF...	1.879	101	791582	210.06	UG/L		90
16) IODOMETHANE	1.991	142	11549295	2103.26	UG/L		93
17) METHYL ACETATE	2.155	43	1918470	151.08	UG/L	#	63
18) T-BUTYL ALCOHOL	2.345	59	1519688	3252.61	UG/L	#	76
19) ACRYLONITRILE	2.426	53	493907	169.92	UG/L		94
20) METHYLENE CHLORIDE	2.225	49	1231696	136.99	UG/L	#	49
21) CARBON DISULFIDE	2.038	76	13779748	1466.53	UG/L		95
22) METHYL TERT-BUTYL ETHE...	2.451	73	3249151	240.43	UG/L		92
23) TRANS 1,2-DICHLOROETHENE	2.440	61	1335594	191.01	UG/L	#	80
24) 1,1-DICHLOROETHANE	2.816	63	2072151	231.70	UG/L		98
25) VINYL ACETATE	2.889	43	11729576	908.22	UG/L	#	77
26) DI ISOPROPYL ETHER	2.911	45	2273229	107.29	UG/L	#	51
27) 2-BUTANONE	3.452	43	7623504	1881.48	UG/L	#	86
28) T-BUTYL ETHYL ETHER	3.276	59	5373459	261.20	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.407	61	2467492	223.41	UG/L		96
30) 2,2-DICHLOROPROPANE	3.402	77	1589691	291.07	UG/L		99
31) ETHYL ACETATE	3.519	43	1734656	175.39	UG/L	#	92
32) BROMOCHLOROMETHANE	3.647	128	497336	179.29	UG/L		94
33) TETRAHYDROFURAN	3.709	42	517899	184.96	UG/L	#	92
34) CHLOROFORM	3.739	83	2077087	200.40	UG/L		99
35) 1,1,1-TRICHLOROETHANE	3.907	97	1807751	246.54	UG/L		99
36) CYCLOHEXANE	3.954	56	2075760	193.90	UG/L	#	89
37) CARBON TETRACHLORIDE	4.071	117	1505584	234.58	UG/L		100
38) 1,1-DICHLOROPROPENE	4.077	75	1592696	210.88	UG/L		99
39) BENZENE	4.283	78	4954565	205.80	UG/L		100
40) T-AMYLMETHYL ETHER	4.422	73	3594047	272.88	UG/L		93
43) 1,2-DICHLOROETHANE	4.311	62	2100539	219.65	UG/L		92
44) TRICHLOROETHENE	4.927	95	1234621	213.15	UG/L		98
45) METHYLCYCLOHEXANE	5.108	83	1363855	213.23	UG/L	#	94
46) 1,2-DICHLOROPROPANE	5.150	63	1515568	234.30	UG/L	#	88
47) DIBROMOMETHANE	5.262	93	828740	226.32	UG/L		99

Data Path : W:\1\DATA\090211\
Data File : VB245012.D
Acq On : 2 Sep 2011 3:09 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 06 17:07:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration

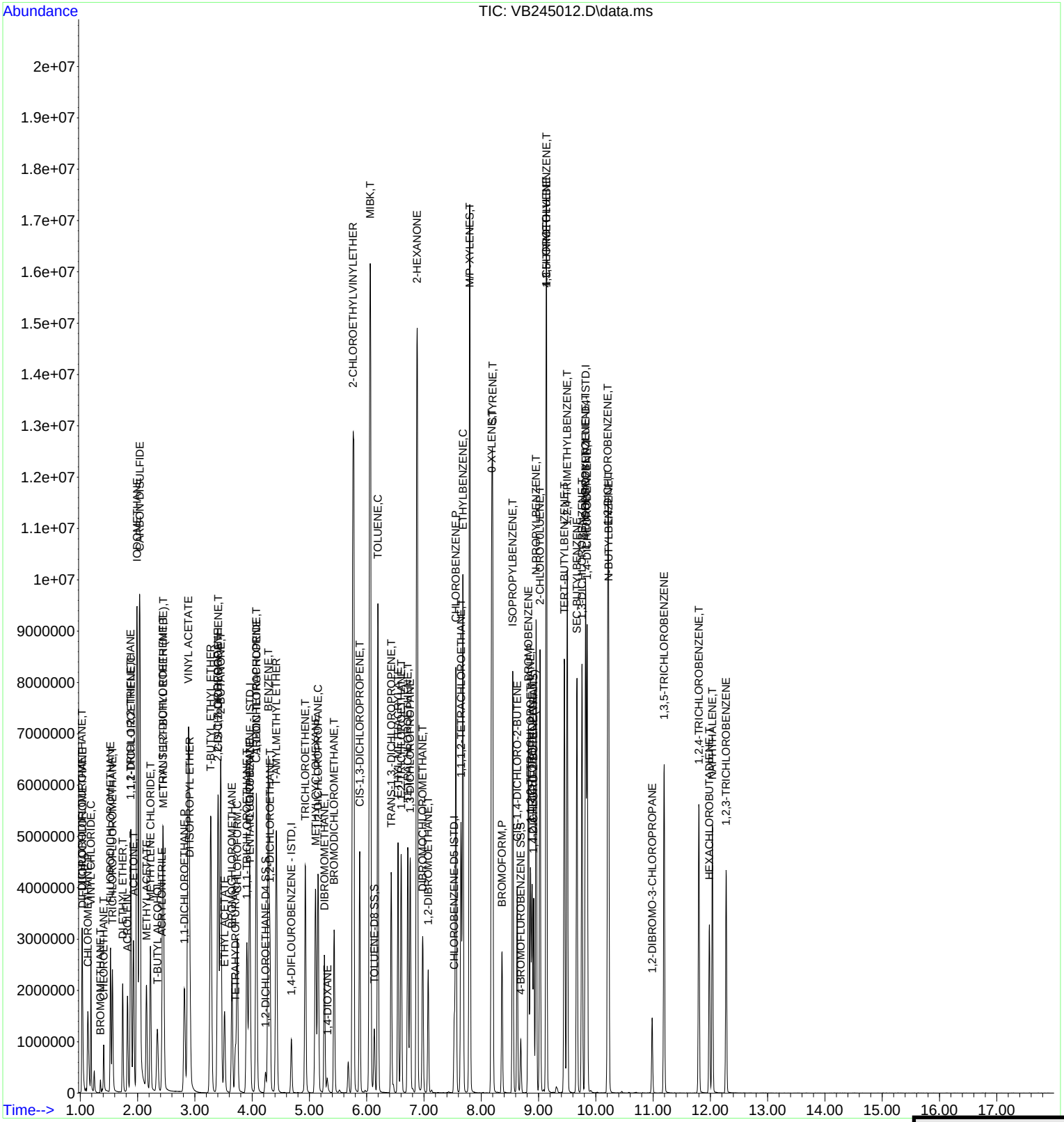
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,4-DIOXANE	5.315	88	154056	3536.98 UG/L	91
49) BROMODICHLOROMETHANE	5.432	83	1733345	296.38 UG/L	100
50) 2-CHLOROETHYLVINYLETHER	5.764	63	8126694	1847.82 UG/L #	65
51) MIBK	6.062	43	10753954	1350.74 UG/L #	68
52) CIS-1,3-DICHLOROPROPENE	5.878	75	2135964	247.94 UG/L #	79
53) TOLUENE	6.196	91	5483546	223.26 UG/L	99
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	1941729	252.75 UG/L #	81
55) ETHYL METHACRYLATE	6.547	41	1450389	204.40 UG/L #	67
56) 1,1,2-TRICHLOROETHANE	6.603	97	1205187	215.79 UG/L	100
57) 2-HEXANONE	6.882	43	8929685	1619.35 UG/L #	64
58) TETRACHLOROETHENE	6.718	164	946064	220.12 UG/L	99
59) 1,3-DICHLOROPROPANE	6.759	76	2169509	222.41 UG/L #	83
60) DIBROMOCHLOROMETHANE	6.977	129	1337836	328.79 UG/L	99
61) 1,2-DIBROMOETHANE	7.074	107	1269057	230.01 UG/L	99
64) CHLOROBENZENE	7.557	112	3662362	210.67 UG/L	99
65) 1,1,1,2-TETRACHLOROETHANE	7.646	131	1258257	239.31 UG/L	99
66) ETHYLBENZENE	7.680	91	6025054	212.77 UG/L	99
67) M/P-XYLENES	7.800	91	9289467	430.16 UG/L	97
68) 0-XYLENE	8.182	91	5217602	233.61 UG/L	99
69) STYRENE	8.198	104	4250020	245.17 UG/L #	89
70) BROMOFORM	8.363	173	1067778	238.19 UG/L	99
71) ISOPROPYLBENZENE	8.550	105	4647308	224.47 UG/L	100
72) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	794782	256.79 UG/L	88
73) 1,1,2,2-TETRACHLOROETHANE	8.859	83	1795475	219.30 UG/L	99
74) 1,4-DICHLORO-2-BUTENE(...	8.915	53	730583	261.89 UG/L	95
75) BROMOBENZENE	8.823	77	2578181	212.92 UG/L	100
76) 1,2,3-TRICHLOROPROPANE	8.890	110	523950	210.70 UG/L	92
77) N-PROPYLBENZENE	8.957	91	6233142	211.33 UG/L	99
78) 2-CHLOROT0LUENE	9.027	91	4227648	215.24 UG/L	99
79) 1,3,5-TRIMETHYLBENZENE	9.138	105	4647012	227.83 UG/L	97
80) 4-CHLOROTOLUENE	9.135	91	4877539	219.40 UG/L	98
82) TERT-BUTYLBENZENE	9.450	119	3576397	203.11 UG/L	100
83) 1,2,4-TRIMETHYLBENZENE	9.501	105	4876499	204.80 UG/L	99
84) SEC-BUTYLBENZENE	9.671	105	4767065	196.88 UG/L	100
85) 1,3-DICHLOROBENZENE	9.760	146	3005897	196.58 UG/L	100
86) P-ISOPROPYLTOLUENE	9.821	119	4139723	203.38 UG/L	99
87) 1,4-DICHLOROBENZENE	9.849	146	3165644	195.37 UG/L	99
88) N-BUTYLBENZENE	10.226	91	3667446	196.49 UG/L	98
89) 1,2-DICHLOROBENZENE	10.209	146	3120892	205.62 UG/L	100
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	312422	320.59 UG/L	89
91) 1,3,5-TRICHLOROBENZENE	11.193	180	1738094	189.92 UG/L	99
92) 1,2,4-TRICHLOROBENZENE	11.801	180	1482985	178.51 UG/L	100
93) HEXACHLOROBUTADIENE	11.982	225	588771	167.37 UG/L	99
94) NAPHTHALENE	12.035	128	3233612	186.92 UG/L	100
95) 1,2,3-TRICHLOROBENZENE	12.275	180	1088804	162.83 UG/L	100

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245012.D
Acq On : 2 Sep 2011 3:09 pm
Operator :
Sample : 8260 STD 200 PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 06 17:07:16 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0617W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Mon Jun 20 12:36:24 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245015.D
Acq On : 2 Sep 2011 4:47 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 06 18:16:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	383364	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.687	114	623930	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	334018	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	304970	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.235	65	251460	25.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.36%				
42) TOLUENE-D8 SS	6.126	98	633549	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	261464	25.12	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.48%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	48389	8.66	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.040	51	82142	8.54	UG/L		99
5) CHLOROMETHANE	1.135	50	65170	8.05	UG/L		98
6) VINYL CHLORIDE	1.187	62	63202	7.99	UG/L		98
7) BROMOMETHANE	1.369	94	27887m	8.24	UG/L		
8) CHLOROETHANE	1.425	64	45063m	9.17	UG/L		
9) FLUORODICHLOROMETHANE	1.533	67	80208	7.77	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.570	101	71502	9.84	UG/L		99
11) DI ETHYL ETHER	1.742	59	57042	10.86	UG/L		98
12) ACROLEIN	1.826	56	23682	37.14	UG/L	#	98
13) ACETONE	1.926	43	146906	97.95	UG/L		99
14) 1,1-DICHLOROETHENE	1.887	61	85620	10.70	UG/L		95
15) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	45524	10.80	UG/L		94
16) IODOMETHANE	1.996	142	187705	25.83	UG/L		100
17) METHYL ACETATE	2.155	43	111835	10.60	UG/L		98
18) T-BUTYL ALCOHOL	2.328	59	68746	97.56	UG/L		97
19) ACRYLONITRILE	2.428	53	29151	9.90	UG/L		96
20) METHYLENE CHLORIDE	2.228	49	78703	10.54	UG/L		93
21) CARBON DISULFIDE	2.041	76	152327	13.87	UG/L		98
22) METHYL TERT-BUTYL ETHE...	2.451	73	185142	10.61	UG/L		96
23) TRANS 1,2-DICHLOROETHENE	2.442	61	91702	11.81	UG/L		92
24) 1,1-DICHLOROETHANE	2.819	63	116168	10.85	UG/L		99
25) VINYL ACETATE	2.883	43	947724	104.44	UG/L	#	92
26) DI ISOPROPYL ETHER	2.902	45	177104	10.76	UG/L	#	85
27) 2-BUTANONE	3.446	43	360155	105.91	UG/L		94
28) T-BUTYL ETHYL ETHER	3.273	59	211549	8.99	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.407	61	121326	10.66	UG/L		94
30) 2,2-DICHLOROPROPANE	3.404	77	67700	10.00	UG/L		99
31) ETHYL ACETATE	3.516	43	58725	6.34	UG/L		96
32) BROMOCHLOROMETHANE	3.653	128	26039	11.05	UG/L		91
33) TETRAHYDROFURAN	3.706	42	22349	9.52	UG/L	#	68
34) CHLOROFORM	3.736	83	107199	10.27	UG/L		98
35) 1,1,1-TRICHLOROETHANE	3.909	97	81556	11.14	UG/L		96
36) CYCLOHEXANE	3.959	56	108593	10.79	UG/L		97
37) CARBON TETRACHLORIDE	4.071	117	61791	10.97	UG/L		95
38) 1,1-DICHLOROPROPENE	4.077	75	76719	10.72	UG/L		98
39) BENZENE	4.283	78	239989	10.66	UG/L		99
40) T-AMYLMETHYL ETHER	4.420	73	151858	10.21	UG/L	#	91
43) 1,2-DICHLOROETHANE	4.311	62	113715	10.94	UG/L		99
44) TRICHLOROETHENE	4.930	95	59737	10.78	UG/L		94
45) METHYLCYCLOHEXANE	5.106	83	58747	9.59	UG/L		96
46) 1,2-DICHLOROPROPANE	5.150	63	73426	10.73	UG/L		95
47) DIBROMOMETHANE	5.264	93	38361	10.67	UG/L		95

Data Path : W:\1\DATA\090211\
Data File : VB245015.D
Acq On : 2 Sep 2011 4:47 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 06 18:16:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

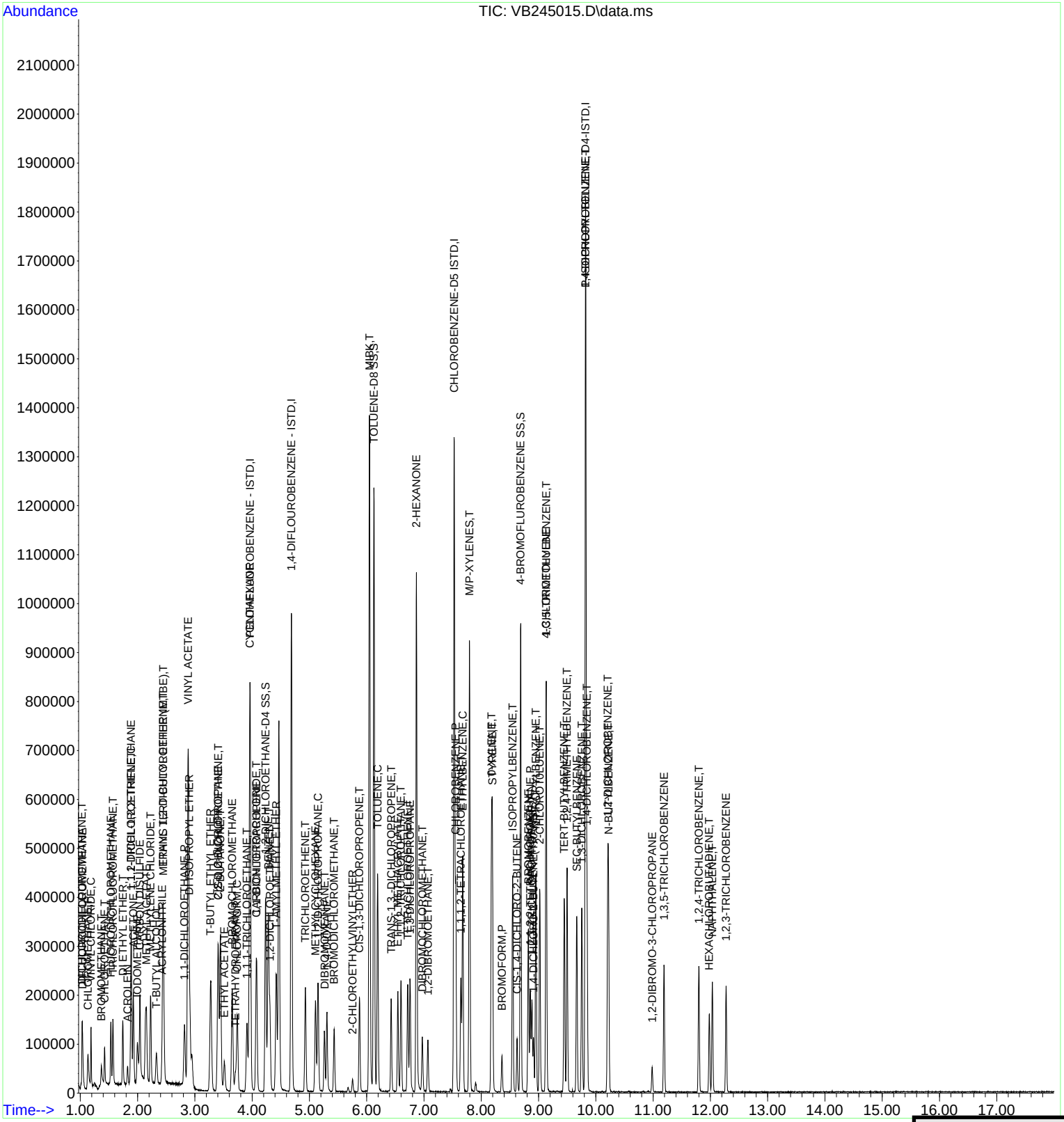
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.304	88	6313	97.24	UG/L	#	77
49) BROMODICHLOROMETHANE	5.432	83	67068	11.42	UG/L		100
50) 2-CHLOROETHYLVINYLETHER	5.752	63	9934	1.91	UG/L	#	71
51) MIBK	6.048	43	769637	108.59	UG/L	#	83
52) CIS-1,3-DICHLOROPROPENE	5.872	75	86129	11.66	UG/L	#	88
53) TOLUENE	6.190	91	255506	10.40	UG/L		97
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	78287	14.36	UG/L		91
55) ETHYL METHACRYLATE	6.544	41	64850	10.09	UG/L		93
56) 1,1,2-TRICHLOROETHANE	6.597	97	56170	10.80	UG/L		98
57) 2-HEXANONE	6.868	43	554043	108.57	UG/L	#	83
58) TETRACHLOROETHENE	6.717	164	40864	10.51	UG/L		96
59) 1,3-DICHLOROPROPANE	6.756	76	103874	10.60	UG/L		92
60) DIBROMOCHLOROMETHANE	6.971	129	43432	9.41	UG/L		99
61) 1,2-DIBROMOETHANE	7.069	107	57055	11.30	UG/L		100
64) CHLOROBENZENE	7.554	112	164240	10.61	UG/L		93
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	47234	9.88	UG/L		98
66) ETHYLBENZENE	7.677	91	281364	10.65	UG/L		96
67) M/P-XYLENES	7.794	91	447703	21.48	UG/L		94
68) 0-XYLENE	8.179	91	236437	10.67	UG/L		96
69) STYRENE	8.195	104	174132	10.22	UG/L	#	84
70) BROMOFORM	8.363	173	26813	9.38	UG/L		99
71) ISOPROPYLBENZENE	8.549	105	233309	12.23	UG/L		99
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	24061	8.42	UG/L	#	69
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	78161	10.99	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	23409	8.23	UG/L	#	84
75) BROMOBENZENE	8.823	77	119547	10.56	UG/L		88
76) 1,2,3-TRICHLOROPROPANE	8.884	110	21624	10.25	UG/L	#	65
77) N-PROPYLBENZENE	8.954	91	287224	10.86	UG/L		97
78) 2-CHLOROT0LUENE	9.021	91	192072	10.57	UG/L		97
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	196052	10.29	UG/L		94
80) 4-CHLOROTOLUENE	9.132	91	233562	10.90	UG/L		93
82) TERT-BUTYLBENZENE	9.447	119	152178	11.01	UG/L		95
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	208025	10.70	UG/L		97
84) SEC-BUTYLBENZENE	9.668	105	206288	10.99	UG/L		97
85) 1,3-DICHLOROBENZENE	9.754	146	123433	10.90	UG/L		98
86) P-ISOPROPYLTOLUENE	9.821	119	178442	11.12	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	127556	10.54	UG/L		96
88) N-BUTYLBENZENE	10.223	91	163147	10.86	UG/L		95
89) 1,2-DICHLOROBENZENE	10.209	146	120322	10.51	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	9658	9.55	UG/L		94
91) 1,3,5-TRICHLOROBENZENE	11.190	180	65621	10.09	UG/L		98
92) 1,2,4-TRICHLOROBENZENE	11.801	180	64710	11.72	UG/L		97
93) HEXACHLOROBUTADIENE	11.980	225	27945	12.11	UG/L		98
94) NAPHTHALENE	12.035	128	140176	11.68	UG/L		100
95) 1,2,3-TRICHLOROBENZENE	12.275	180	50582	12.33	UG/L		98

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

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245015.D
Acq On : 2 Sep 2011 4:47 pm
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 06 18:16:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration



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

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Sequence:	S001098	Instrument:	GCMSVOA1
Calibration:	1100032		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1109230	0.2ppb 8260 Calibration Standard	S001098-CAL1	VA213006.D	08/01/11 07:24
1109231	0.5ppb 8260 Calibration Standard	S001098-CAL2	VA213007.D	08/01/11 07:53
1109232	1ppb 8260 Calibration Standard	S001098-CAL3	VA213008.D	08/01/11 08:19
1109233	2ppb 8260 Calibration Standard	S001098-CAL4	VA213009.D	08/01/11 08:48
1109234	5ppb 8260 Calibration Standard	S001098-CAL5	VA213010.D	08/01/11 09:14
1109235	10ppb 8260 Calibration Standard	S001098-CAL6	VA213011.D	08/01/11 09:40
1109236	20ppb 8260 Calibration Standard	S001098-CAL7	VA213012.D	08/01/11 10:06
1109237	50ppb 8260 Calibration Standard	S001098-CAL8	VA213013.D	08/01/11 10:32
1109238	80ppb 8260 Calibration Standard	S001098-CAL9	VA213014.D	08/01/11 10:58

Response Factor Report GCMSVOA1

Method Path : V:\1\METHODS\
Method File : V0801S11.M
Title : 8260 SOIL CALIBRATION (FRONT)
Last Update : Tue Aug 02 08:06:38 2011
Response Via : Initial Calibration

Calibration Files
0.2 =VA213006.D 0.5 =VA213007.D 1.0 =VA213008.D 5.0 =VA213010.D 10 =VA213011.D 20 =VA213012.D 50 =VA213013.D
80 =VA213014.D 2.0 =VA213009.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	80	2.0	Avg	%RSD
1)	I	PENTAFLUOROBENZENE...	----------ISTD----------										
2)	S	1,2-DICHLOROET...	0.431	0.446	0.424	0.434	0.423	0.404	0.434	0.418	0.421	0.426	2.78
3)		DICHLORODIFLOU...	0.607	0.491	0.530	0.502	0.477	0.441	0.510	0.483	0.516	0.506	9.03
4)		DIFLUOROCHLORO...	0.884	0.638	0.695	0.601	0.584	0.550	0.635	0.606	0.651	0.649	15.00
5)	P	CHLOROMETHANE			0.564	0.427	0.458	0.383	0.438	0.412	0.480	0.452	12.93
6)	C	VINYL CHLORIDE	0.492	0.464	0.472	0.451	0.421	0.393	0.455	0.436	0.406	0.443	7.23#
7)		BROMOMETHANE			0.407	0.288	0.297	0.273	0.332	0.323	0.369	0.327	14.53
8)		CHLOROETHANE	0.225	0.219	0.206	0.187	0.182	0.171	0.209	0.192	0.205	0.200	8.95
9)		FLUORODICHLORO...	0.733	0.756	0.829	0.750	0.747	0.714	0.821	0.806	0.779	0.771	5.23
10)		TRICHLOROFLUOR...	0.852	0.771	0.828	0.738	0.734	0.676	0.815	0.774	0.781	0.774	6.96
11)		DI ETHYL ETHER	0.090	0.076	0.077	0.080	0.087	0.070	0.089	0.080	0.089	0.082	8.65
12)		ACETONE				0.010	0.008	0.008	0.008	0.008	0.009	0.008	8.26
13)		1,1,2TRICL-1,2...	0.367	0.380	0.411	0.389	0.387	0.356	0.432	0.417	0.399	0.393	6.15
14)	C	1,1-DICHLOROET...	0.348	0.337	0.318	0.318	0.314	0.291	0.349	0.339	0.307	0.325	6.08#
15)		IODOMETHANE			0.400	0.512	0.554	0.574	0.534	0.625	0.594	0.526	0.540	12.54
16)		METHYL ACETATE	0.315	0.256	0.232	0.224	0.230	0.206	0.234	0.216	0.226	0.238	13.52
17)		T-BUTYL ALCOHOL	0.011	0.014	0.015	0.014	0.014	0.013	0.016	0.015	0.014	0.014	8.99
18)		ACRYLONITRILE	0.061	0.049	0.055	0.045	0.045	0.044	0.054	0.046	0.044	0.049	12.27
19)		ACETONITRILE										0.000	-1.00
20)		ALLYL CHLORIDE	1.058	1.001	1.164	1.068	1.068	0.970	1.142	1.087	1.041	1.067	E1 5.72
21)		METHYLENE CHLO...				0.568	0.519	0.446	0.470	0.503		0.501	9.32
22)		CARBON DISULFIDE	1.058	1.001	1.164	1.068	1.068	0.970	1.142	1.087	1.041	1.067	5.72
23)		METHYL TERT-BU...	0.484	0.622	0.632	0.648	0.637	0.584	0.681	0.645	0.594	0.614	9.22
24)		TRANS 1,2-DICH...	0.255	0.329	0.299	0.318	0.321	0.298	0.352	0.336	0.314	0.314	8.86
25)	P	1,1-DICHLOROET...	0.690	0.545	0.642	0.648	0.633	0.570	0.649	0.627	0.631	0.626	6.94
26)		CHLOROPRENE										0.000	-1.00
27)		VINYL ACETATE	0.354	0.393	0.399	0.422	0.425	0.384	0.428	0.418	0.389	0.401	6.06
28)		DI ISOPROPYL E...	0.956	0.884	0.960	1.000	0.926	0.926	1.040	1.029	0.934	0.962	5.40
29)		2-BUTANONE			0.012	0.010	0.011	0.011	0.011	0.012	0.012	0.009	0.011	8.65
30)		T-BUTYL ETHYL ...	0.902	0.839	0.927	0.905	0.898	0.801	0.916	0.933	0.860	0.887	4.99
31)		CIS-1,2-DICHLO...	0.365	0.298	0.366	0.354	0.341	0.328	0.387	0.357	0.314	0.345	8.10
32)		2,2-DICHLOROPR...	0.799	0.665	0.705	0.696	0.649	0.634	0.762	0.712	0.644	0.696	8.04
33)		PROPIONITRILE										0.000	-1.00
34)		ETHYL ACETATE	0.200	0.217	0.181	0.169	0.148	0.129	0.156	0.147	0.065	0.157	0.998(LR)
35)		METHYLACRYLONI...										0.000	-1.00
36)		BROMOCHLOROMET...	0.113	0.135	0.135	0.140	0.139	0.129	0.146	0.146	0.137	0.136	7.56
37)		TETRAHYDROFURAN				0.017	0.016	0.016	0.017	0.017		0.017	3.89
38)	C	CHLOROFORM	0.674	0.644	0.710	0.669	0.675	0.635	0.741	0.719	0.646	0.679	5.42#
39)		1,1,1-TRICHLOR...	0.678	0.694	0.710	0.709	0.715	0.682	0.813	0.811	0.691	0.723	7.23

40)		CYCLOHEXANE	3.586	1.747	1.192	0.623	0.567	0.565	0.581	0.584	0.831	1.142	1.000(LR)
41)		CARBON TETRACH...	0.600	0.577	0.612	0.657	0.674	0.657	0.770	0.764	0.635	0.661	10.20
42)		1,1-DICHLOROPR...			0.528	0.534	0.553	0.530	0.592	0.580	0.509	0.547	5.48
43)		ISOBUTANOL										0.000	-1.00
44)		BENZENE	1.463	1.188	1.266	1.227	1.147	1.146	1.369	1.320	1.224	1.261	8.42
45)		T-AMYLMETHYL E...	0.512	0.649	0.583	0.586	0.587	0.564	0.643	0.635	0.581	0.593	7.33
46)	I	1,4-DIFLOUROBENZEN...	----------ISTD----------										
47)		METHYLCYCLOHEXANE	0.337	0.378	0.453	0.425	0.434	0.417	0.470	0.471	0.471	0.428	10.82
48)	S	TOLUENE SS	1.120	1.062	1.088	1.096	1.104	1.068	1.099	1.065	1.088	1.088	1.82
49)		1,2-DICHLOROET...	0.310	0.360	0.362	0.365	0.344	0.338	0.367	0.373	0.364	0.354	5.63
50)		TRICHLOROETHENE	0.285	0.293	0.320	0.320	0.310	0.299	0.340	0.332	0.317	0.313	5.77
51)	C	1,2-DICHLOROPR...	0.205	0.191	0.227	0.216	0.214	0.208	0.225	0.232	0.215	0.215	5.89#
52)		DIBROMOMETHANE	0.140	0.105	0.123	0.133	0.133	0.115	0.131	0.133	0.127	0.127	8.66
53)		METHYL METHACR...										0.000	-1.00
54)		1,4-DIOXANE				0.001	0.001	0.001	0.001	0.001	0.001	0.001	11.07
55)		BROMODICHLOROM...	0.329	0.329	0.339	0.370	0.375	0.359	0.402	0.412	0.348	0.362	8.35
56)		MIBK	0.113	0.120	0.110	0.112	0.121	0.100	0.115	0.113	0.107	0.112	5.75
57)		CIS-1,3-DICHLO...	0.274	0.329	0.355	0.354	0.348	0.331	0.375	0.383	0.310	0.340	9.85
58)	C	TOLUENE		0.680	0.710	0.685	0.644	0.606	0.698	0.709	0.672	0.675	5.26#
59)		TRANS-1,3,-DIC...	0.216	0.223	0.262	0.275	0.279	0.275	0.306	0.310	0.256	0.267	12.11
60)		ETHYL METHACRY...		0.138	0.133	0.159	0.158	0.149	0.185	0.172	0.136	0.154	12.00
61)		1,1,2-TRICHLOR...	0.097	0.116	0.121	0.134	0.123	0.122	0.133	0.139	0.127	0.124	9.93
62)		2-HEXANONE	0.064	0.073	0.066	0.076	0.073	0.070	0.081	0.080	0.069	0.072	8.00
63)		TETRACHLOROETHENE		0.274	0.293	0.282	0.276	0.276	0.300	0.315	0.287	0.288	4.93
64)		1,3-DICHLOROPR...	0.233	0.245	0.257	0.262	0.260	0.226	0.246	0.261	0.247	0.249	5.10
65)		DIBROMOCHLOROM...		0.222	0.205	0.251	0.248	0.236	0.288	0.286	0.216	0.244	12.58
66)		1,2-DIBROMOETHANE	0.181	0.180	0.163	0.190	0.179	0.164	0.184	0.185	0.165	0.177	5.66
67)	I	CHLOROBENZENE-D5 ISTD	----------ISTD----------										
68)	S	4-BROMOFLUROBE...	0.469	0.490	0.454	0.500	0.499	0.481	0.506	0.507	0.469	0.486	3.93
69)	P	CHLOROBENZENE	0.837	0.861	0.798	0.848	0.783	0.770	0.860	0.879	0.788	0.825	4.89
70)		1,1,1,2-TETRAC...	0.358	0.312	0.281	0.319	0.313	0.307	0.369	0.368	0.291	0.324	10.13
71)	C	ETHYLBENZENE	1.918	1.587	1.591	1.583	1.512	1.508	1.774	1.705	1.557	1.637	8.33#
72)		M/P-XYLENES	0.735	0.608	0.572	0.579	0.578	0.556	0.659	0.685	0.582	0.617	9.99
73)		0-XYLENE	0.543	0.478	0.544	0.556	0.529	0.512	0.608	0.608	0.554	0.548	7.61
74)		STYRENE	0.804	0.786	0.773	0.892	0.890	0.843	1.023	1.004	0.855	0.874	10.22
75)	P	BROMOFORM			0.129	0.155	0.155	0.154	0.190		0.131	0.152	14.43
76)		ISOPROPYLBENZENE	1.682	1.526	1.397	1.502	1.429	1.468	1.709	1.644	1.471	1.537	7.41
77)	P	1,1,2,2-TETRAC...	0.136	0.212	0.164	0.189	0.197	0.176	0.220	0.219	0.193	0.190	14.46
78)		1,4-DICHLORO-2...		0.042	0.034	0.048	0.053	0.051			0.046	0.046	14.82
79)		BROMOBENZENE	0.340	0.387	0.388	0.392	0.390	0.363	0.445	0.451	0.374	0.392	9.08
80)		1,2,3-TRICHLOR...		0.196	0.201	0.198	0.202	0.196	0.250	0.238	0.206	0.211	9.97
81)		N-PROPYLBENZENE	1.843	1.926	1.842	1.933	1.916	1.909	2.344	2.266	1.966	1.994	9.12
82)		2-CHLOROT0LUENE	1.305	1.186	1.084	1.174	1.160	1.105	1.292	1.314	1.196	1.202	7.05
83)		1,3,5-TRIMETHY...	1.323	1.373	1.261	1.459	1.473	1.506	1.749	1.737	1.460	1.483	11.29
84)		4-CHLOROTOLUENE	1.409	1.336	1.213	1.352	1.316	1.352	1.535	1.528	1.366	1.379	7.37
85)	I	1,4-DICHLOROBENZEN...	----------ISTD----------										
86)		TERT-BUTYLBENZENE	2.527	2.572	2.515	2.451	2.429	2.395	2.703	2.671	2.375	2.516	4.63
87)		1,2,4-TRIMETHY...	2.786	2.797	2.674	2.789	2.669	2.696	2.936	3.012	2.687	2.783	4.36
88)		SEC-BUTYLBENZENE	3.333	3.494	3.595	3.874	3.556	3.529	4.283	3.993	3.528	3.687	8.15
89)		1,3-DICHLOROBE...	1.539	1.552	1.532	1.469	1.420	1.386	1.664	1.555	1.410	1.503	5.94
90)		P-ISOPROPYLTOL...	2.636	2.846	2.826	2.925	3.034	2.857	3.317	3.243	2.880	2.951	7.26

91)	1,4-DICHLOROBE...	1.768	1.656	1.611	1.453	1.395	1.341	1.551	1.500	1.349	1.514	9.63
92)	N-BUTYLBENZENE	1.737	1.751	1.915	2.522	2.700	2.679	3.217	3.301	2.131	2.439	0.998(LR)
93)	1,2-DICHLOROBE...	1.131	1.302	1.204	1.231	1.225	1.150	1.314	1.319	1.129	1.223	6.26
94)	1,2-DIBROMO-3-...				0.058	0.061	0.055	0.071	0.072	0.050	0.061	14.19
95)	1,3,5-TRICHLOR...	0.537	0.667	0.631	0.981	1.002	0.998	1.215	1.243	0.815	0.899	0.998(LR)
96)	1,2,4-TRICHLOR...	0.193	0.228	0.217	0.460	0.556	0.621	0.851	0.869	0.334	0.481	0.996(LR)
97)	HEXACHLOROBUTA...	0.184	0.471	0.581	0.702	0.711	0.724	0.891	0.882	0.586	0.637	0.998(LR)
98)	NAPHTHALENE		0.116	0.126	0.353	0.522	0.637	0.928	1.060	0.196	0.492	0.990(LR)
99)	1,2,3-TRICHLOR...		0.115	0.128	0.323	0.391	0.490	0.666	0.690	0.189	0.374	0.996(LR)

(#) = Out of Range

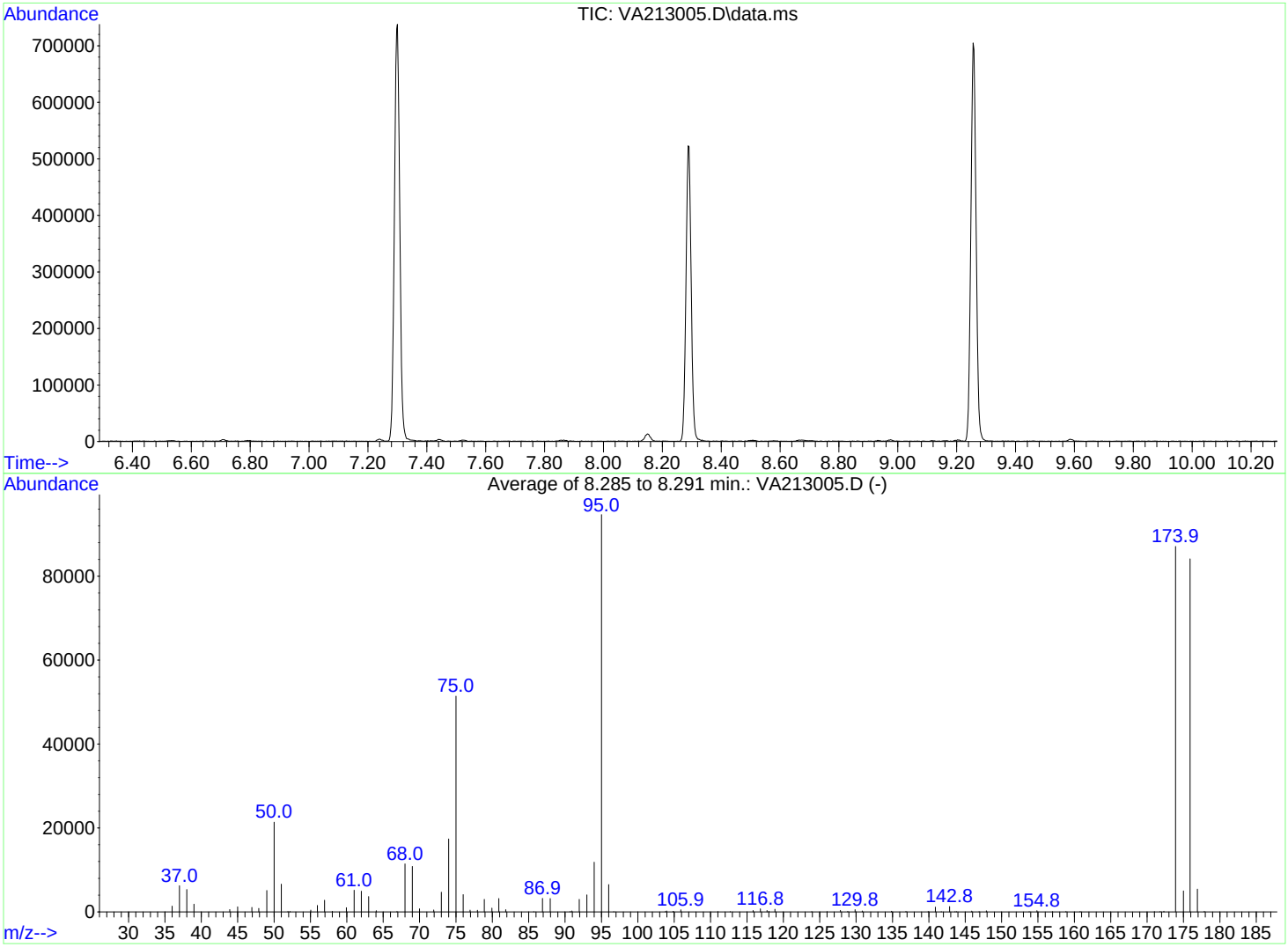
V0801S11.M Mon Oct 03 15:13:34 2011

BFB

Data Path : V:\1\DATA\080111\
Data File : VA213005.D
Acq On : 1 Aug 2011 6:56 am
Operator : MFF
Sample : BFB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: rteint.p

Method : V:\1\METHODS\V0801S11.M
Title : 8260 SOIL CALIBRATION (FRONT)
Last Update : Tue Aug 02 08:06:38 2011



Spectrum Information: Average of 8.285 to 8.291 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	21379	PASS
75	95	30	60	54.3	51413	PASS
95	95	100	100	100.0	94675	PASS
96	95	5	9	6.9	6531	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	92.0	87104	PASS
175	174	5	9	5.7	5006	PASS
176	174	95	101	96.6	84141	PASS
177	176	5	9	6.5	5438	PASS

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213006.D
Acq On : 1 Aug 2011 7:24 am
Operator : MFF
Sample : 8260 STD 0.2PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 14:51:39 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.119	168	250545	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.786	114	319030	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.299	117	295621	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.257	152	142569	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.372	65	89931	34.69	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 138.76%#				
48) TOLUENE SS	6.077	98	297866	25.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%				
68) 4-BROMOFLUROBENZENE SS	8.289	95	115427	24.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.081	85	1014	0.27	UG/L	#	87
4) DIFLUOROCHLOROMETHANE	1.083	51	1477	0.32	UG/L		93
5) CHLOROMETHANE	1.183	50	1515	0.43	UG/L	#	80
6) VINYL CHLORIDE	1.247	62	821	0.25	UG/L		89
7) BROMOMETHANE	1.448	94	979	0.41	UG/L		81
8) CHLOROETHANE	1.503	64	376	0.20	UG/L	#	43
9) FLUORODICHLOROMETHANE	1.617	67	1225	0.23	UG/L	#	50
10) TRICHLOROFLUOROMETHANE	1.665	101	1423	0.28	UG/L		97
11) DI ETHYL ETHER	1.851	74	151m	0.18	UG/L		
12) ACETONE	2.038	58	216	2.70	UG/L	#	1
13) 1,1,2TRICL-1,2,2TRIFLE...	1.996	101	613	0.22	UG/L	#	73
14) 1,1-DICHLOROETHENE	2.001	96	582	0.23	UG/L	#	86
15) IODOMETHANE	2.113	142	5795	1.47	UG/L		95
16) METHYL ACETATE	2.288	43	526	0.27	UG/L	#	62
17) T-BUTYL ALCOHOL	2.463	59	192m	2.00	UG/L		
18) ACRYLONITRILE	2.586	53	102m	0.23	UG/L		
20) ALLYL CHLORIDE	2.168	76	17677	0.21	UG/L	#	100
21) METHYLENE CHLORIDE	2.363	49	6305	1.48	UG/L		95
22) CARBON DISULFIDE	2.168	76	17677	2.06	UG/L		98
23) METHYL TERT-BUTYL ETHE...	2.608	73	809	0.17	UG/L	#	1
24) TRANS 1,2-DICHLOROETHENE	2.605	96	426	0.15	UG/L	#	45
25) 1,1-DICHLOROETHANE	3.006	63	1153	0.24	UG/L	#	70
27) VINYL ACETATE	3.061	43	5911	1.88	UG/L	#	86
28) DI ISOPROPYL ETHER	3.086	45	1597	0.20	UG/L	#	72
29) 2-BUTANONE	3.618	72	71m	0.59	UG/L		
30) T-BUTYL ETHYL ETHER	3.454	59	1507m	0.24	UG/L		
31) CIS-1,2-DICHLOROETHENE	3.587	96	609	0.20	UG/L		88
32) 2,2-DICHLOROPROPANE	3.579	77	1334m	0.33	UG/L		
34) ETHYL ACETATE	3.693	43	334m	0.27	UG/L		
36) BROMOCHLOROMETHANE	3.810	128	188m	0.15	UG/L		
38) CHLOROFORM	3.904	83	1125	0.23	UG/L		97
39) 1,1,1-TRICHLOROETHANE	4.077	97	1133m	0.24	UG/L		
40) CYCLOHEXANE	4.116	56	5989	0.97	UG/L	#	63
41) CARBON TETRACHLORIDE	4.227	117	1003	0.86	UG/L	#	74
42) 1,1-DICHLOROPROPENE	4.230	75	602	0.14	UG/L	#	40
44) BENZENE	4.422	78	2444	0.21	UG/L		100
45) T-AMYLMETHYL ETHER	4.542	73	855	0.18	UG/L	#	49
47) METHYLCYCLOHEXANE	5.181	83	716	0.13	UG/L	#	83
49) 1,2-DICHLOROETHANE	4.433	62	659	0.23	UG/L	#	76
50) TRICHLOROETHENE	5.020	95	606m	0.19	UG/L		
51) 1,2-DICHLOROPROPANE	5.215	63	436	0.18	UG/L	#	87
52) DIBROMOMETHANE	5.318	93	298m	0.26	UG/L		
55) BROMODICHLOROMETHANE	5.454	83	699	0.91	UG/L	#	91

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213006.D
Acq On : 1 Aug 2011 7:24 am
Operator : MFF
Sample : 8260 STD 0.2PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 14:51:39 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

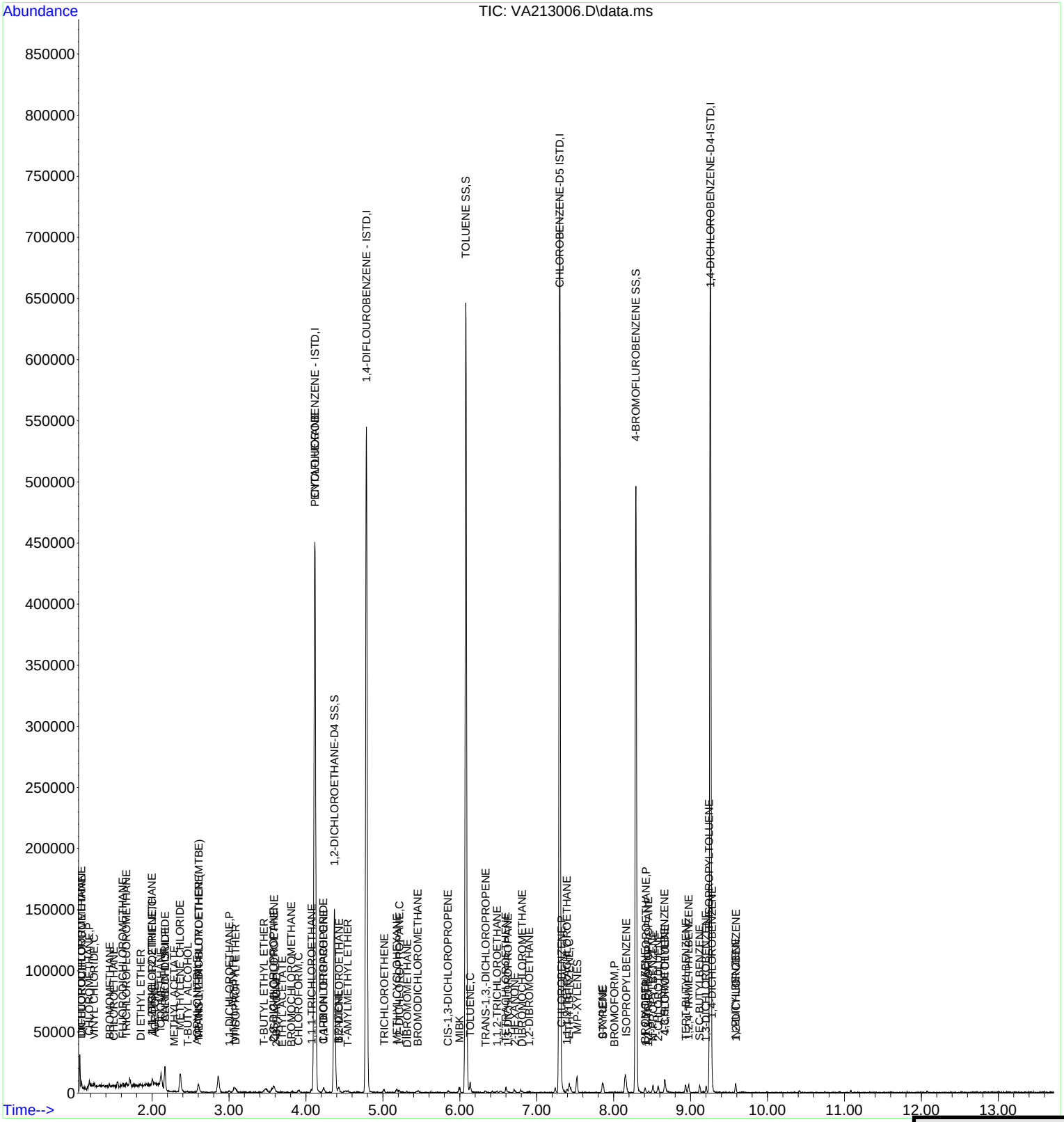
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) MIBK	5.997	43	2410	2.14 UG/L #	87
57) CIS-1,3-DICHLOROPROPENE	5.846	75	583	0.19 UG/L #	60
58) TOLUENE	6.136	92	2237	0.27 UG/L	90
59) TRANS-1,3,-DICHLOROPRO...	6.336	75	459	0.23 UG/L #	72
61) 1,1,2-TRICHLOROETHANE	6.483	83	207m	0.16 UG/L	
62) 2-HEXANONE	6.714	43	1357	1.77 UG/L #	81
63) TETRACHLOROETHENE	6.598	164	328	0.11 UG/L #	48
64) 1,3-DICHLOROPROPANE	6.625	76	495m	0.17 UG/L	
65) DIBROMOCHLOROMETHANE	6.809	129	377m	0.21 UG/L	
66) 1,2-DIBROMOETHANE	6.904	107	385	0.22 UG/L #	78
69) CHLOROBENZENE	7.324	112	1650	0.19 UG/L #	44
70) 1,1,1,2-TETRACHLOROETHANE	7.390	131	705	0.26 UG/L #	47
71) ETHYLBENZENE	7.421	91	3780	0.23 UG/L	90
72) M/P-XYLENES	7.527	106	2899	0.44 UG/L	95
73) 0-XYLENE	7.852	106	1071	0.18 UG/L #	72
74) STYRENE	7.863	104	1585	0.17 UG/L #	82
75) BROMOFORM	8.011	173	153	1.25 UG/L #	34
76) ISOPROPYLBENZENE	8.164	105	3315	0.20 UG/L	90
77) 1,1,2,2-TETRACHLOROETHANE	8.420	83	269	0.14 UG/L #	24
79) BROMOBENZENE	8.409	156	671	0.16 UG/L	98
80) 1,2,3-TRICHLOROPROPANE	8.450	75	251	0.13 UG/L #	42
81) N-PROPYLBENZENE	8.514	91	3632	0.18 UG/L #	71
82) 2-CHLOROT0LUENE	8.578	91	2572	0.21 UG/L	88
83) 1,3,5-TRIMETHYLBENZENE	8.662	105	2608	0.17 UG/L	100
84) 4-CHLOROTOLUENE	8.667	91	2777	0.20 UG/L #	88
86) TERT-BUTYLBENZENE	8.937	119	2402	0.20 UG/L	90
87) 1,2,4-TRIMETHYLBENZENE	8.976	105	2648	0.20 UG/L	95
88) SEC-BUTYLBENZENE	9.118	105	3168	0.18 UG/L	98
89) 1,3-DICHLOROBENZENE	9.199	146	1463	0.20 UG/L	91
90) P-ISOPROPYLTOLUENE	9.241	119	2505	0.17 UG/L #	85
91) 1,4-DICHLOROBENZENE	9.280	146	1680	0.22 UG/L #	74
92) N-BUTYLBENZENE	9.586	91	1651	0.12 UG/L	98
93) 1,2-DICHLOROBENZENE	9.591	146	1075	0.17 UG/L	91

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

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213006.D
Acq On : 1 Aug 2011 7:24 am
Operator : MFF
Sample : 8260 STD 0.2PPB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 14:51:39 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213007.D
Acq On : 1 Aug 2011 7:53 am
Operator : MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 30 15:00:11 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.115	168	244842	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.783	114	321043	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.298	117	294238	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.257	152	136452	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.371	65	91053	35.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 143.76%#				
48) TOLUENE SS	6.080	98	284186	23.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.08%				
68) 4-BROMOFLUROBENZENE SS	8.289	95	120105	25.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.16%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.080	85	2002	0.55	UG/L		97
4) DIFLUOROCHLOROMETHANE	1.083	51	2605	0.58	UG/L	#	90
5) CHLOROMETHANE	1.180	50	2720	0.79	UG/L		98
6) VINYL CHLORIDE	1.247	62	1894	0.58	UG/L		90
7) BROMOMETHANE	1.445	94	1839	0.78	UG/L	#	79
8) CHLOROETHANE	1.506	64	895	0.49	UG/L	#	86
9) FLUORODICHLOROMETHANE	1.617	67	3084	0.60	UG/L	#	71
10) TRICHLOROFLUOROMETHANE	1.662	101	3148	0.64	UG/L		98
11) DI ETHYL ETHER	1.842	74	312	0.37	UG/L	#	71
12) ACETONE	2.034	58	557	7.12	UG/L	#	19
13) 1,1,2TRICL-1,2,2TRIFLE...	2.001	101	1552	0.56	UG/L		90
14) 1,1-DICHLOROETHENE	2.004	96	1374	0.55	UG/L		93
15) IODOMETHANE	2.115	142	16317	4.24	UG/L		93
16) METHYL ACETATE	2.285	43	1045	0.55	UG/L	#	74
17) T-BUTYL ALCOHOL	2.452	59	561m	5.97	UG/L		
18) ACRYLONITRILE	2.583	53	201m	0.47	UG/L		
20) ALLYL CHLORIDE	2.165	76	40859	0.49	UG/L	#	100
21) METHYLENE CHLORIDE	2.365	49	7123	1.71	UG/L		95
22) CARBON DISULFIDE	2.165	76	40859	4.88	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.599	73	2537	0.55	UG/L	#	16
24) TRANS 1,2-DICHLOROETHENE	2.599	96	1343	0.47	UG/L		97
25) 1,1-DICHLOROETHANE	3.005	63	2226m	0.48	UG/L		
27) VINYL ACETATE	3.064	43	16051	5.22	UG/L	#	85
28) DI ISOPROPYL ETHER	3.086	45	3608	0.47	UG/L	#	72
29) 2-BUTANONE	3.612	72	484m	4.13	UG/L		
30) T-BUTYL ETHYL ETHER	3.456	59	3424	0.55	UG/L	#	62
31) CIS-1,2-DICHLOROETHENE	3.592	96	1215m	0.40	UG/L		
32) 2,2-DICHLOROPROPANE	3.590	77	2712m	0.69	UG/L		
34) ETHYL ACETATE	3.695	43	885m	0.72	UG/L		
36) BROMOCHLOROMETHANE	3.815	128	552	0.47	UG/L	#	82
38) CHLOROFORM	3.901	83	2629	0.56	UG/L		98
39) 1,1,1-TRICHLOROETHANE	4.074	97	2834	0.62	UG/L	#	38
40) CYCLOHEXANE	4.121	56	7128	1.18	UG/L	#	76
41) CARBON TETRACHLORIDE	4.232	117	2355	1.13	UG/L		92
42) 1,1-DICHLOROPROPENE	4.227	75	974	0.23	UG/L	#	84
44) BENZENE	4.427	78	4847	0.44	UG/L		100
45) T-AMYLMETHYL ETHER	4.536	73	2650	0.58	UG/L	#	75
47) METHYLCYCLOHEXANE	5.181	83	2021	0.36	UG/L	#	85
49) 1,2-DICHLOROETHANE	4.441	62	1925	0.67	UG/L	#	76
50) TRICHLOROETHENE	5.011	95	1567	0.48	UG/L		91
51) 1,2-DICHLOROPROPANE	5.212	63	1020m	0.42	UG/L		
52) DIBROMOMETHANE	5.312	93	561	0.48	UG/L	#	72
55) BROMODICHLOROMETHANE	5.456	83	1759	1.20	UG/L	#	88

Data Path : V:\1\DATA\080111\
Data File : VA213007.D
Acq On : 1 Aug 2011 7:53 am
Operator : MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 30 15:00:11 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

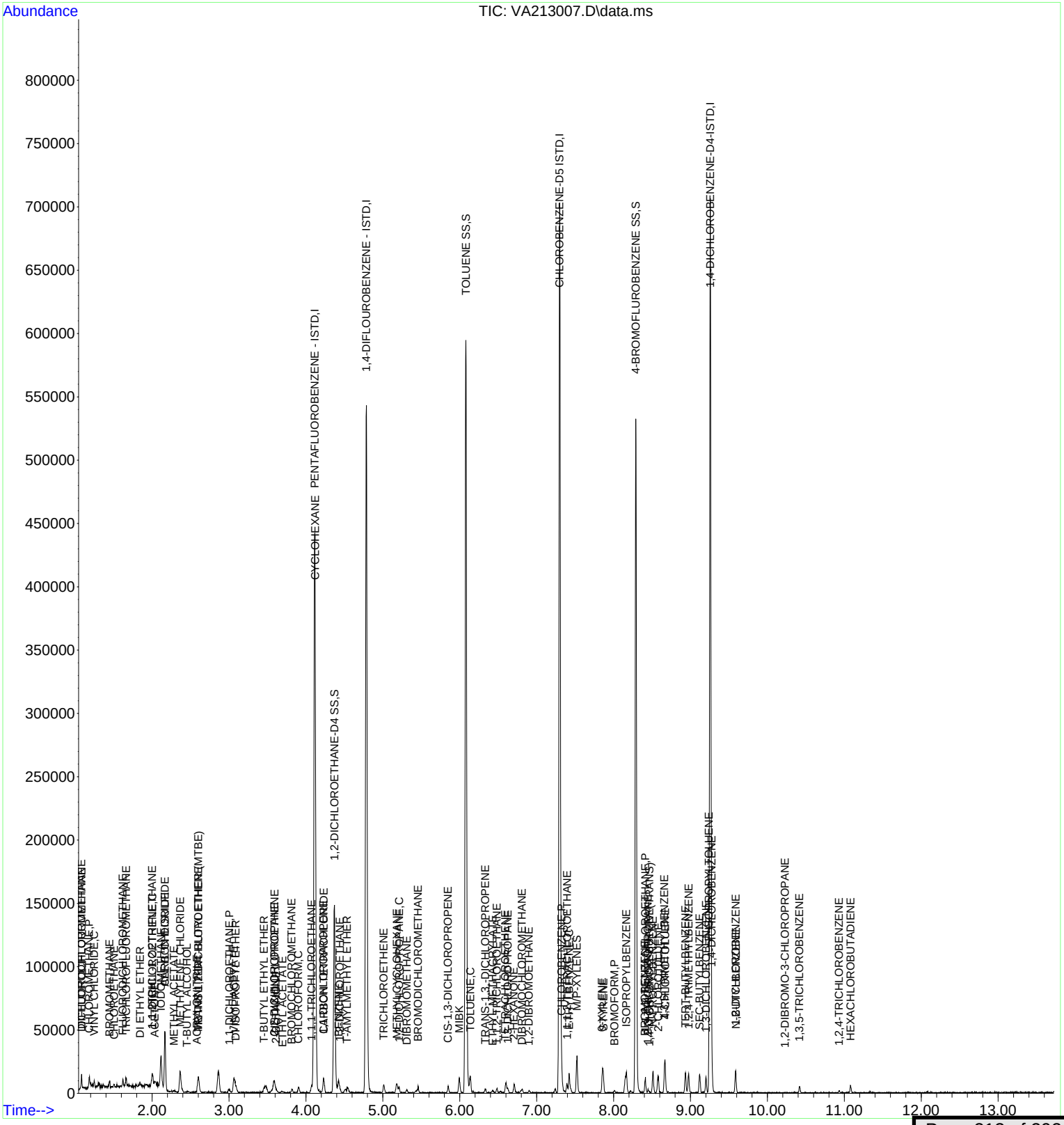
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) MIBK	5.993	43	6439	5.68 UG/L #	89
57) CIS-1,3-DICHLOROPROPENE	5.846	75	1760	0.57 UG/L #	78
58) TOLUENE	6.138	92	3637	0.44 UG/L	93
59) TRANS-1,3,-DICHLOROPRO...	6.330	75	1193	0.59 UG/L #	81
60) ETHYL METHACRYLATE	6.427	69	736	0.41 UG/L #	100
61) 1,1,2-TRICHLOROETHANE	6.480	83	621	0.47 UG/L #	83
62) 2-HEXANONE	6.703	43	3882	5.03 UG/L #	85
63) TETRACHLOROETHENE	6.592	164	1467m	0.47 UG/L	
64) 1,3-DICHLOROPROPANE	6.622	76	1313	0.44 UG/L	97
65) DIBROMOCHLOROMETHANE	6.809	129	1189	0.64 UG/L	90
66) 1,2-DIBROMOETHANE	6.900	107	965	0.56 UG/L #	99
69) CHLOROBENZENE	7.326	112	4221	0.48 UG/L	95
70) 1,1,1,2-TETRACHLOROETHANE	7.396	131	1529	0.57 UG/L #	87
71) ETHYLBENZENE	7.423	91	7783	0.48 UG/L	92
72) M/P-XYLENES	7.524	106	5965	0.92 UG/L	91
73) 0-XYLENE	7.849	106	2344	0.39 UG/L #	65
74) STYRENE	7.869	104	3856	0.40 UG/L #	80
75) BROMOFORM	8.013	173	595	1.55 UG/L #	87
76) ISOPROPYLBENZENE	8.166	105	7483	0.45 UG/L #	89
77) 1,1,2,2-TETRACHLOROETHANE	8.414	83	1038	0.56 UG/L #	85
78) 1,4-DICHLORO-2-BUTENE(...	8.467	53	205m	0.40 UG/L	
79) BROMOBENZENE	8.408	156	1899	0.46 UG/L	94
80) 1,2,3-TRICHLOROPROPANE	8.447	75	962m	0.51 UG/L	
81) N-PROPYLBENZENE	8.511	91	9444	0.46 UG/L	99
82) 2-CHLOROT0LUENE	8.581	91	5816	0.48 UG/L	97
83) 1,3,5-TRIMETHYLBENZENE	8.661	105	6732	0.44 UG/L	92
84) 4-CHLOROTOLUENE	8.673	91	6551	0.48 UG/L	94
86) TERT-BUTYLBENZENE	8.934	119	5850	0.51 UG/L #	87
87) 1,2,4-TRIMETHYLBENZENE	8.976	105	6362	0.50 UG/L	95
88) SEC-BUTYLBENZENE	9.118	105	7945	0.47 UG/L #	90
89) 1,3-DICHLOROBENZENE	9.201	146	3530	0.49 UG/L	98
90) P-ISOPROPYLTOLUENE	9.240	119	6472	0.45 UG/L #	91
91) 1,4-DICHLOROBENZENE	9.276	146	3765	0.52 UG/L #	73
92) N-BUTYLBENZENE	9.591	91	3981	0.31 UG/L	97
93) 1,2-DICHLOROBENZENE	9.588	146	2962	0.48 UG/L	98
94) 1,2-DIBROMO-3-CHLOROPR...	10.228	75	63m	2.16 UG/L	
95) 1,3,5-TRICHLOROBENZENE	10.414	180	1518	0.28 UG/L	87
96) 1,2,4-TRICHLOROBENZENE	10.932	180	519	0.13 UG/L #	84
97) HEXACHLOROBUTADIENE	11.082	225	1072	0.33 UG/L #	88

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

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213007.D
Acq On : 1 Aug 2011 7:53 am
Operator : MFF
Sample : 8260 STD 0.5PPB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 30 15:00:11 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213008.D
Acq On : 1 Aug 2011 8:19 am
Operator : MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 30 15:00:15 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.114	168	242667	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.785	114	310541	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.300	117	297408	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.258	152	138026	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.370	65	85838	34.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 136.76%#				
48) TOLUENE SS	6.078	98	281576	24.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.40%				
68) 4-BROMOFLUROBENZENE SS	8.287	95	112435	23.88	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.52%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.079	85	4287	1.18	UG/L		96
4) DIFLUOROCHLOROMETHANE	1.085	51	5618	1.26	UG/L	#	88
5) CHLOROMETHANE	1.185	50	4559	1.34	UG/L		98
6) VINYL CHLORIDE	1.249	62	3818	1.18	UG/L		96
7) BROMOMETHANE	1.446	94	3295m	1.42	UG/L		
8) CHLOROETHANE	1.502	64	1663	0.93	UG/L	#	87
9) FLUORODICHLOROMETHANE	1.619	67	6707	1.32	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.663	101	6701	1.37	UG/L		99
11) DI ETHYL ETHER	1.844	74	620	0.75	UG/L	#	39
12) ACETONE	2.039	58	978m	12.61	UG/L		
13) 1,1,2TRICL-1,2,2TRIFLE...	2.000	101	3324	1.21	UG/L		96
14) 1,1-DICHLOROETHENE	2.005	96	2571	1.04	UG/L	#	79
15) IODOMETHANE	2.117	142	41439	10.86	UG/L		97
16) METHYL ACETATE	2.284	43	1880	1.01	UG/L	#	77
17) T-BUTYL ALCOHOL	2.456	59	1197	12.85	UG/L	#	86
18) ACRYLONITRILE	2.579	53	445m	1.04	UG/L		
20) ALLYL CHLORIDE	2.167	76	94124	1.14	UG/L	#	100
21) METHYLENE CHLORIDE	2.364	49	9918	2.40	UG/L		95
22) CARBON DISULFIDE	2.167	76	94124	11.35	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.601	73	5109	1.12	UG/L	#	59
24) TRANS 1,2-DICHLOROETHENE	2.598	96	2417	0.86	UG/L	#	72
25) 1,1-DICHLOROETHANE	3.004	63	5193	1.12	UG/L	#	73
27) VINYL ACETATE	3.065	43	32293	10.60	UG/L	#	90
28) DI ISOPROPYL ETHER	3.088	45	7763	1.02	UG/L	#	84
29) 2-BUTANONE	3.611	72	847	7.29	UG/L	#	49
30) T-BUTYL ETHYL ETHER	3.458	59	7502	1.21	UG/L		91
31) CIS-1,2-DICHLOROETHENE	3.591	96	2957	0.99	UG/L		92
32) 2,2-DICHLOROPROPANE	3.588	77	5703	1.47	UG/L		93
34) ETHYL ACETATE	3.691	43	1464	1.20	UG/L	#	74
36) BROMOCHLOROMETHANE	3.819	128	1089m	0.93	UG/L		
38) CHLOROFORM	3.903	83	5747	1.23	UG/L		99
39) 1,1,1-TRICHLOROETHANE	4.067	97	5741	1.27	UG/L	#	86
40) CYCLOHEXANE	4.114	56	9639	1.62	UG/L	#	85
41) CARBON TETRACHLORIDE	4.231	117	4949	1.66	UG/L		99
42) 1,1-DICHLOROPROPENE	4.231	75	4273	1.03	UG/L		93
44) BENZENE	4.420	78	10239	0.93	UG/L		100
45) T-AMYLMETHYL ETHER	4.543	73	4718	1.05	UG/L	#	81
47) METHYLCYCLOHEXANE	5.177	83	4694	0.85	UG/L	#	64
49) 1,2-DICHLOROETHANE	4.443	62	3749	1.36	UG/L	#	76
50) TRICHLOROETHENE	5.013	95	3310	1.04	UG/L		95
51) 1,2-DICHLOROPROPANE	5.208	63	2346	1.00	UG/L	#	87
52) DIBROMOMETHANE	5.305	93	1275	1.13	UG/L		93
55) BROMODICHLOROMETHANE	5.455	83	3509	1.70	UG/L	#	97

Data Path : V:\1\DATA\080111\
Data File : VA213008.D
Acq On : 1 Aug 2011 8:19 am
Operator : MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 30 15:00:15 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

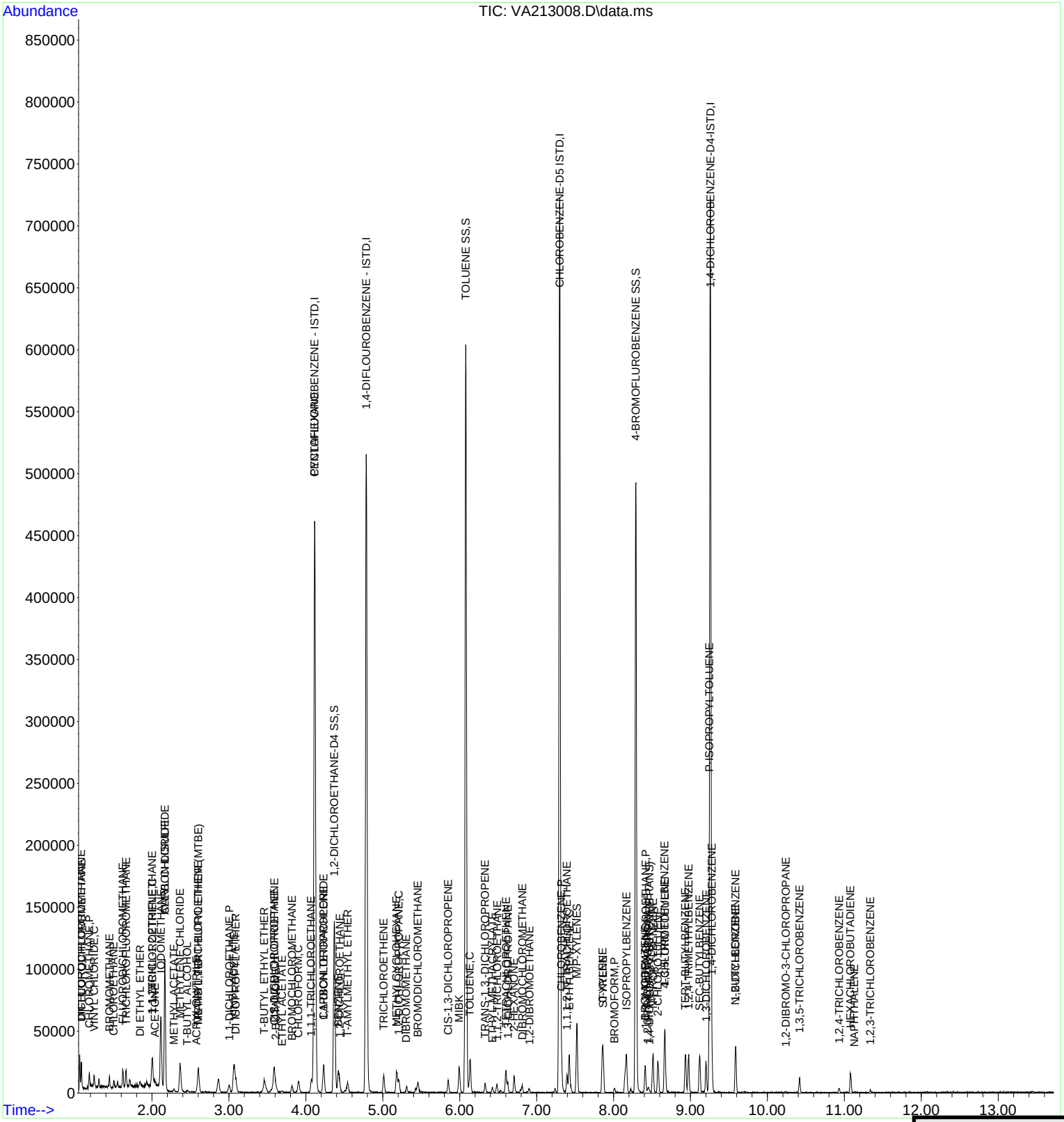
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) MIBK	5.992	43	11344	10.34 UG/L #	94
57) CIS-1,3-DICHLOROPROPENE	5.850	75	3677	1.24 UG/L #	88
58) TOLUENE	6.131	92	7353	0.91 UG/L	92
59) TRANS-1,3,-DICHLOROPRO...	6.329	75	2716	1.40 UG/L	94
60) ETHYL METHACRYLATE	6.426	69	1379	0.79 UG/L #	100
61) 1,1,2-TRICHLOROETHANE	6.487	83	1249	0.97 UG/L	95
62) 2-HEXANONE	6.707	43	6875	9.22 UG/L #	89
63) TETRACHLOROETHENE	6.604	164	3030	1.01 UG/L	96
64) 1,3-DICHLOROPROPANE	6.627	76	2657	0.93 UG/L #	75
65) DIBROMOCHLOROMETHANE	6.813	129	2119	1.19 UG/L	94
66) 1,2-DIBROMOETHANE	6.908	107	1692	1.01 UG/L #	96
69) CHLOROBENZENE	7.322	112	7912	0.89 UG/L	95
70) 1,1,1,2-TETRACHLOROETHANE	7.394	131	2785	1.02 UG/L	94
71) ETHYLBENZENE	7.425	91	15777	0.96 UG/L	97
72) M/P-XYLENES	7.522	106	11338	1.73 UG/L	85
73) 0-XYLENE	7.856	106	5395	0.88 UG/L	91
74) STYRENE	7.865	104	7662	0.79 UG/L #	85
75) BROMOFORM	8.012	173	1276	2.00 UG/L #	94
76) ISOPROPYLBENZENE	8.168	105	13853	0.82 UG/L	98
77) 1,1,2,2-TETRACHLOROETHANE	8.418	83	1627	0.87 UG/L	95
78) 1,4-DICHLORO-2-BUTENE(...	8.466	53	342	0.66 UG/L #	1
79) BROMOBENZENE	8.410	156	3848	0.92 UG/L	97
80) 1,2,3-TRICHLOROPROPANE	8.443	75	1993	1.05 UG/L	93
81) N-PROPYLBENZENE	8.513	91	18262	0.88 UG/L	96
82) 2-CHLOROT0LUENE	8.574	91	10747	0.88 UG/L	99
83) 1,3,5-TRIMETHYLBENZENE	8.663	105	12505	0.81 UG/L	96
84) 4-CHLOROTOLUENE	8.669	91	12027	0.87 UG/L	98
86) TERT-BUTYLBENZENE	8.933	119	11571	1.00 UG/L #	88
87) 1,2,4-TRIMETHYLBENZENE	8.977	105	12303	0.96 UG/L	97
88) SEC-BUTYLBENZENE	9.119	105	16540	0.96 UG/L	94
89) 1,3-DICHLOROBENZENE	9.206	146	7049	0.97 UG/L	98
90) P-ISOPROPYLTOLUENE	9.245	119	13001	0.90 UG/L #	91
91) 1,4-DICHLOROBENZENE	9.278	146	7411	1.01 UG/L #	88
92) N-BUTYLBENZENE	9.584	91	8811	0.68 UG/L	98
93) 1,2-DICHLOROBENZENE	9.587	146	5539	0.89 UG/L	96
94) 1,2-DIBROMO-3-CHLOROPR...	10.241	75	129m	2.41 UG/L	
95) 1,3,5-TRICHLOROBENZENE	10.419	180	2904	0.54 UG/L	96
96) 1,2,4-TRICHLOROBENZENE	10.933	180	999	0.25 UG/L	85
97) HEXACHLOROBUTADIENE	11.078	225	2675	0.82 UG/L	98
98) NAPHTHALENE	11.131	128	579	0.12 UG/L	100
99) 1,2,3-TRICHLOROBENZENE	11.337	180	588	0.18 UG/L #	79

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

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213008.D
Acq On : 1 Aug 2011 8:19 am
Operator : MFF
Sample : 8260 STD 1.0PPB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 30 15:00:15 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213009.D
Acq On : 1 Aug 2011 8:48 am
Operator : MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 30 15:00:19 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.115	168	253995	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.786	114	317869	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.298	117	291325	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.257	152	149672	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.371	65	89180	33.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 135.72%#				
48) TOLUENE SS	6.080	98	288321	24.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.44%				
68) 4-BROMOFLUROBENZENE SS	8.289	95	113747	24.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.080	85	8732	2.30	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.086	51	11020	2.37	UG/L	#	90
5) CHLOROMETHANE	1.186	50	8129	2.28	UG/L		97
6) VINYL CHLORIDE	1.250	62	6878	2.02	UG/L		96
7) BROMOMETHANE	1.447	94	6247m	2.57	UG/L		
8) CHLOROETHANE	1.506	64	3473	1.85	UG/L	#	82
9) FLUORODICHLOROMETHANE	1.623	67	13191	2.48	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.661	101	13228	2.59	UG/L		98
11) DI ETHYL ETHER	1.845	74	1510	1.75	UG/L	#	84
12) ACETONE	2.037	58	1509	18.59	UG/L	#	29
13) 1,1,2TRICL-1,2,2TRIFLE...	2.001	101	6759	2.34	UG/L		89
14) 1,1-DICHLOROETHENE	2.004	96	5202	2.02	UG/L	#	87
15) IODOMETHANE	2.115	142	89089	22.31	UG/L		97
16) METHYL ACETATE	2.285	43	3827	1.95	UG/L	#	91
17) T-BUTYL ALCOHOL	2.460	59	2310	23.69	UG/L	#	82
18) ACRYLONITRILE	2.571	53	742m	1.65	UG/L		
20) ALLYL CHLORIDE	2.168	76	176356	2.03	UG/L	#	100
21) METHYLENE CHLORIDE	2.365	49	13128	3.04	UG/L		93
22) CARBON DISULFIDE	2.168	76	176356	20.32	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.602	73	10061	2.10	UG/L	#	85
24) TRANS 1,2-DICHLOROETHENE	2.596	96	5317	1.80	UG/L		86
25) 1,1-DICHLOROETHANE	3.005	63	10693	2.20	UG/L		99
27) VINYL ACETATE	3.066	43	65813	20.65	UG/L	#	90
28) DI ISOPROPYL ETHER	3.086	45	15813	1.99	UG/L	#	92
29) 2-BUTANONE	3.612	72	1571	12.93	UG/L	#	32
30) T-BUTYL ETHYL ETHER	3.462	59	14557	2.24	UG/L		91
31) CIS-1,2-DICHLOROETHENE	3.592	96	5318	1.69	UG/L	#	77
32) 2,2-DICHLOROPROPANE	3.590	77	10901	2.68	UG/L	#	70
34) ETHYL ACETATE	3.684	43	1093	0.86	UG/L	#	72
36) BROMOCHLOROMETHANE	3.820	128	2321	1.89	UG/L		87
37) TETRAHYDROFURAN	3.879	72	56m	0.39	UG/L		
38) CHLOROFORM	3.907	83	10935	2.23	UG/L		99
39) 1,1,1-TRICHLOROETHANE	4.079	97	11709	2.48	UG/L		91
40) CYCLOHEXANE	4.124	56	14075	2.25	UG/L		94
41) CARBON TETRACHLORIDE	4.232	117	10757	2.73	UG/L		98
42) 1,1-DICHLOROPROPENE	4.232	75	8625	1.98	UG/L		98
44) BENZENE	4.424	78	20725	1.80	UG/L		100
45) T-AMYLMETHYL ETHER	4.541	73	9845	2.09	UG/L		98
47) METHYLCYCLOHEXANE	5.184	83	9988	1.78	UG/L		90
49) 1,2-DICHLOROETHANE	4.444	62	7716	2.73	UG/L	#	85
50) TRICHLOROETHENE	5.011	95	6723	2.07	UG/L		96
51) 1,2-DICHLOROPROPANE	5.214	63	4566	1.91	UG/L	#	87
52) DIBROMOMETHANE	5.312	93	2684	2.33	UG/L		91

Data Path : V:\1\DATA\080111\
Data File : VA213009.D
Acq On : 1 Aug 2011 8:48 am
Operator : MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 30 15:00:19 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

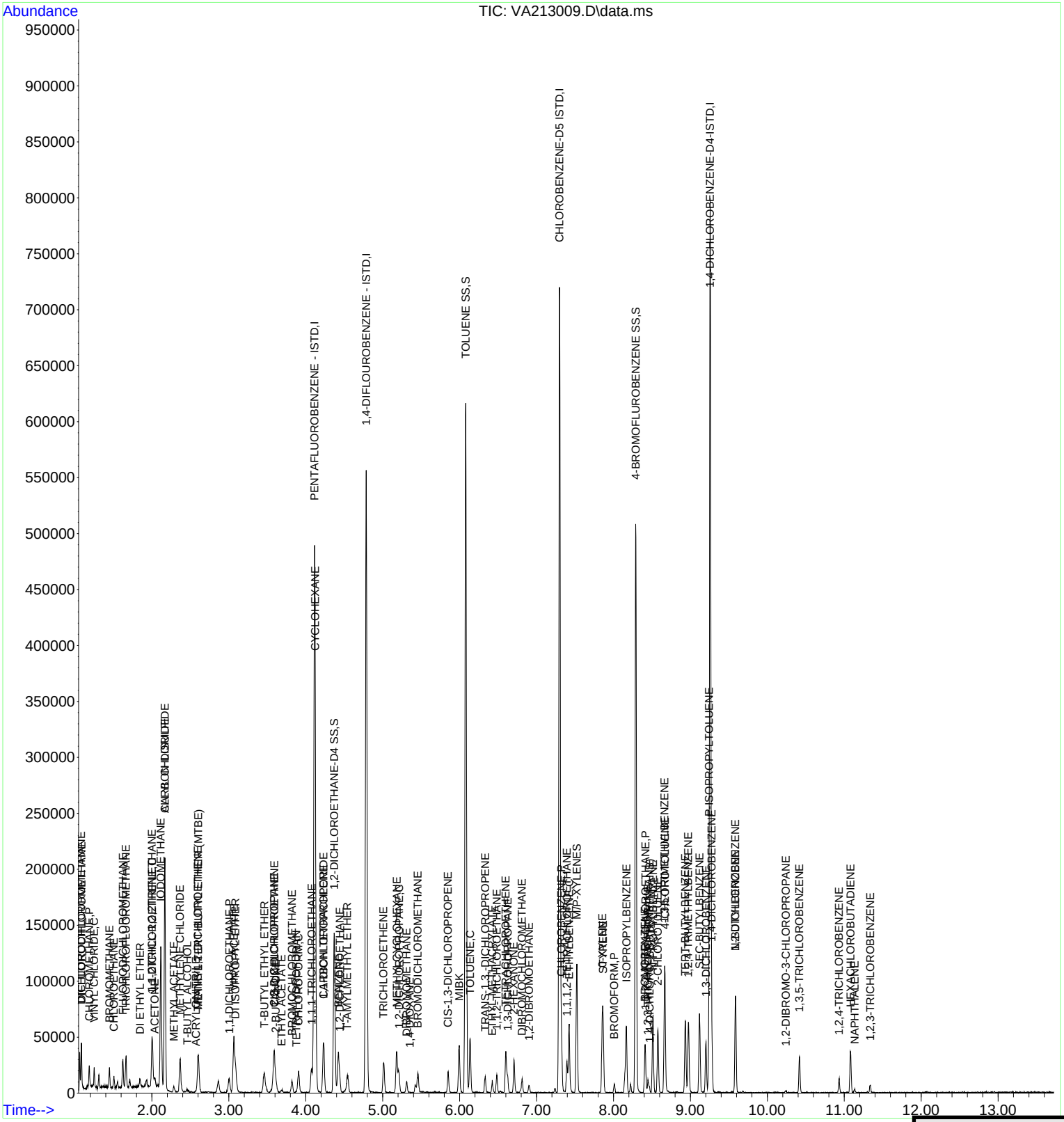
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 1,4-DIOXANE	5.353	88	266m	28.88	UG/L		
55) BROMODICHLOROMETHANE	5.456	83	7364	2.73	UG/L		100
56) MIBK	5.996	43	22716	20.23	UG/L	#	95
57) CIS-1,3-DICHLOROPROPENE	5.849	75	6574	2.17	UG/L	#	79
58) TOLUENE	6.138	92	14242	1.72	UG/L		95
59) TRANS-1,3,-DICHLOROPRO...	6.333	75	5435	2.74	UG/L		96
60) ETHYL METHACRYLATE	6.424	69	2879	1.61	UG/L	#	100
61) 1,1,2-TRICHLOROETHANE	6.483	83	2701	2.05	UG/L		97
62) 2-HEXANONE	6.705	43	14727	19.29	UG/L	#	93
63) TETRACHLOROETHENE	6.600	164	6090	1.98	UG/L		97
64) 1,3-DICHLOROPROPANE	6.625	76	5229	1.79	UG/L		97
65) DIBROMOCHLOROMETHANE	6.808	129	4570	2.50	UG/L		93
66) 1,2-DIBROMOETHANE	6.903	107	3488	2.03	UG/L	#	95
69) CHLOROBENZENE	7.323	112	15306	1.75	UG/L		95
70) 1,1,1,2-TETRACHLOROETHANE	7.395	131	5644	2.12	UG/L		98
71) ETHYLBENZENE	7.423	91	30235	1.89	UG/L		96
72) M/P-XYLENES	7.523	106	22622	3.52	UG/L		87
73) 0-XYLENE	7.854	106	10760	1.79	UG/L		90
74) STYRENE	7.866	104	16596	1.75	UG/L		88
75) BROMOFORM	8.010	173	2551	2.89	UG/L	#	72
76) ISOPROPYLBENZENE	8.169	105	28566	1.73	UG/L		93
77) 1,1,2,2-TETRACHLOROETHANE	8.416	83	3747	2.04	UG/L	#	93
78) 1,4-DICHLORO-2-BUTENE(...	8.469	53	899	1.77	UG/L	#	1
79) BROMOBENZENE	8.408	156	7268	1.77	UG/L		93
80) 1,2,3-TRICHLOROPROPANE	8.447	75	3997	2.15	UG/L	#	66
81) N-PROPYLBENZENE	8.514	91	38183	1.88	UG/L		93
82) 2-CHLOROT0LUENE	8.575	91	23224	1.94	UG/L		98
83) 1,3,5-TRIMETHYLBENZENE	8.664	105	28360	1.88	UG/L		92
84) 4-CHLOROTOLUENE	8.670	91	26539	1.97	UG/L		96
86) TERT-BUTYLBENZENE	8.934	119	23696	1.88	UG/L	#	87
87) 1,2,4-TRIMETHYLBENZENE	8.973	105	26811	1.92	UG/L		93
88) SEC-BUTYLBENZENE	9.118	105	35205	1.89	UG/L		93
89) 1,3-DICHLOROBENZENE	9.204	146	14066	1.79	UG/L		98
90) P-ISOPROPYLTOLUENE	9.243	119	28738	1.84	UG/L		91
91) 1,4-DICHLOROBENZENE	9.276	146	13464	1.70	UG/L	#	90
92) N-BUTYLBENZENE	9.585	91	21261	1.51	UG/L		96
93) 1,2-DICHLOROBENZENE	9.585	146	11267	1.68	UG/L		96
94) 1,2-DIBROMO-3-CHLOROPR...	10.242	75	499	3.68	UG/L	#	39
95) 1,3,5-TRICHLOROBENZENE	10.417	180	8132	1.39	UG/L		97
96) 1,2,4-TRICHLOROBENZENE	10.932	180	3333	0.78	UG/L	#	86
97) HEXACHLOROBUTADIENE	11.082	225	5852	1.66	UG/L		93
98) NAPHTHALENE	11.137	128	1957	0.38	UG/L		100
99) 1,2,3-TRICHLOROBENZENE	11.338	180	1887	0.54	UG/L	#	56

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

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213009.D
Acq On : 1 Aug 2011 8:48 am
Operator : MFF
Sample : 8260 STD 2.0PPB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 30 15:00:19 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213010.D
Acq On : 1 Aug 2011 9:14 am
Operator : MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 30 15:00:23 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.115	168	246992	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.786	114	315055	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.298	117	296270	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.257	152	151763	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.371	65	89276	34.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 139.72%#				
48) TOLUENE SS	6.080	98	287821	24.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.12%				
68) 4-BROMOFLUROBENZENE SS	8.289	95	123393	26.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.24%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.080	85	20666	5.59	UG/L		98
4) DIFLUOROCHLOROMETHANE	1.083	51	24726	5.46	UG/L	#	92
5) CHLOROMETHANE	1.186	50	17589	5.07	UG/L		98
6) VINYL CHLORIDE	1.250	62	18550	5.62	UG/L		97
7) BROMOMETHANE	1.447	94	11869	5.01	UG/L		97
8) CHLOROETHANE	1.506	64	7704	4.22	UG/L	#	86
9) FLUORODICHLOROMETHANE	1.620	67	30890	5.98	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.662	101	30361	6.10	UG/L		100
11) DI ETHYL ETHER	1.845	74	3281m	3.90	UG/L		
12) ACETONE	2.037	58	3974	50.34	UG/L	#	37
13) 1,1,2TRICL-1,2,2TRIFLE...	2.004	101	16003	5.71	UG/L		94
14) 1,1-DICHLOROETHENE	2.001	96	13078	5.22	UG/L		89
15) IODOMETHANE	2.115	142	228230	58.77	UG/L		96
16) METHYL ACETATE	2.288	43	9207	4.84	UG/L	#	92
17) T-BUTYL ALCOHOL	2.463	59	5826	61.44	UG/L	#	86
18) ACRYLONITRILE	2.571	53	1868	4.28	UG/L	#	74
20) ALLYL CHLORIDE	2.168	76	439501	5.21	UG/L	#	100
21) METHYLENE CHLORIDE	2.366	49	23362	5.56	UG/L		94
22) CARBON DISULFIDE	2.168	76	439501	52.08	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.605	73	26682	5.74	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.602	96	13080	4.56	UG/L		86
25) 1,1-DICHLOROETHANE	3.000	63	26689	5.65	UG/L		98
27) VINYL ACETATE	3.064	43	173609	56.01	UG/L	#	91
28) DI ISOPROPYL ETHER	3.083	45	41179	5.32	UG/L	#	86
29) 2-BUTANONE	3.609	72	4709	39.84	UG/L	#	46
30) T-BUTYL ETHYL ETHER	3.459	59	37268	5.90	UG/L		94
31) CIS-1,2-DICHLOROETHENE	3.595	96	14578	4.77	UG/L		88
32) 2,2-DICHLOROPROPANE	3.587	77	28632	7.24	UG/L		93
34) ETHYL ACETATE	3.684	43	6964	5.61	UG/L	#	78
36) BROMOCHLOROMETHANE	3.821	128	5757	4.81	UG/L		99
37) TETRAHYDROFURAN	3.882	72	696m	5.02	UG/L		
38) CHLOROFORM	3.907	83	27529	5.77	UG/L		98
39) 1,1,1-TRICHLOROETHANE	4.074	97	29205	6.36	UG/L		96
40) CYCLOHEXANE	4.121	56	25627	4.22	UG/L		96
41) CARBON TETRACHLORIDE	4.230	117	27043	6.01	UG/L		98
42) 1,1-DICHLOROPROPENE	4.232	75	22000	5.20	UG/L		97
44) BENZENE	4.422	78	50499	4.50	UG/L		100
45) T-AMYLMETHYL ETHER	4.544	73	24133	5.26	UG/L		96
47) METHYLCYCLOHEXANE	5.184	83	22306	4.00	UG/L	#	84
49) 1,2-DICHLOROETHANE	4.438	62	19145	6.82	UG/L	#	87
50) TRICHLOROETHENE	5.011	95	16780	5.22	UG/L		97
51) 1,2-DICHLOROPROPANE	5.206	63	11367	4.80	UG/L	#	92
52) DIBROMOMETHANE	5.312	93	7006	6.14	UG/L		91

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213010.D
Acq On : 1 Aug 2011 9:14 am
Operator : MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 30 15:00:23 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

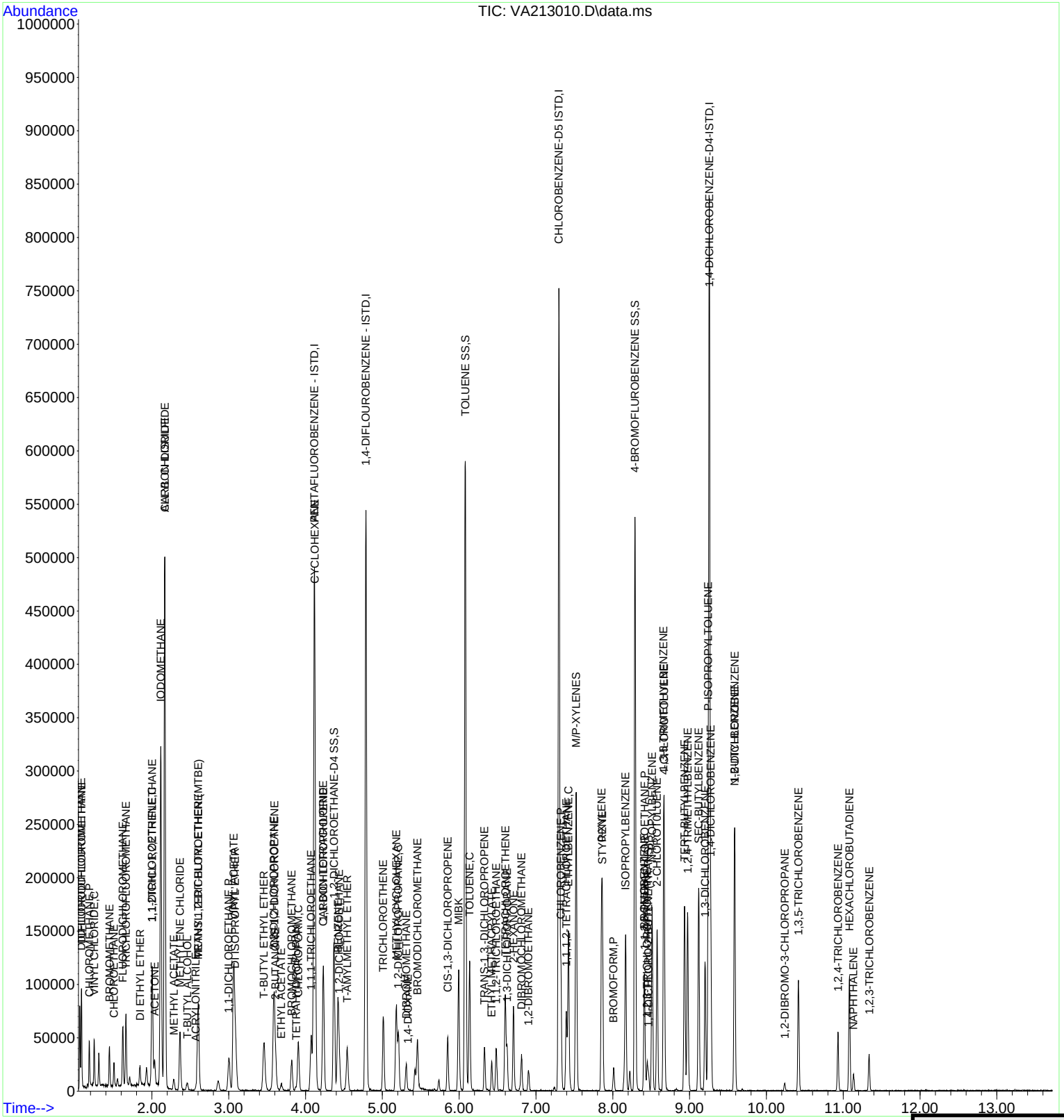
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) 1,4-DIOXANE	5.334	88	544	46.72 UG/L #	59
55) BROMODICHLOROMETHANE	5.456	83	19417	6.08 UG/L	100
56) MIBK	5.993	43	58820	52.85 UG/L #	94
57) CIS-1,3-DICHLOROPROPENE	5.852	75	18580	6.18 UG/L #	85
58) TOLUENE	6.135	92	35978	4.39 UG/L	96
59) TRANS-1,3,-DICHLOROPRO...	6.327	75	14423	7.32 UG/L	92
60) ETHYL METHACRYLATE	6.422	69	8337	4.70 UG/L #	100
61) 1,1,2-TRICHLOROETHANE	6.480	83	7023	5.39 UG/L	97
62) 2-HEXANONE	6.708	43	39894	52.72 UG/L #	90
63) TETRACHLOROETHENE	6.603	164	14798	4.85 UG/L	93
64) 1,3-DICHLOROPROPANE	6.625	76	13764	4.74 UG/L	99
65) DIBROMOCHLOROMETHANE	6.811	129	13172	7.28 UG/L	96
66) 1,2-DIBROMOETHANE	6.903	107	9982	5.86 UG/L #	96
69) CHLOROBENZENE	7.326	112	41852	4.72 UG/L	93
70) 1,1,1,2-TETRACHLOROETHANE	7.396	131	15760	5.81 UG/L	99
71) ETHYLBENZENE	7.423	91	78159	4.79 UG/L	95
72) M/P-XYLENES	7.524	106	57189	8.75 UG/L	85
73) 0-XYLENE	7.855	106	27458	4.49 UG/L	88
74) STYRENE	7.866	104	44068	4.58 UG/L	88
75) BROMOFORM	8.010	173	7632	6.27 UG/L #	96
76) ISOPROPYLBENZENE	8.166	105	74184	4.43 UG/L	91
77) 1,1,2,2-TETRACHLOROETHANE	8.417	83	9332	5.00 UG/L	97
78) 1,4-DICHLORO-2-BUTENE(...	8.464	53	2361	4.56 UG/L #	92
79) BROMOBENZENE	8.411	156	19369	4.63 UG/L	94
80) 1,2,3-TRICHLOROPROPANE	8.447	75	9776	5.16 UG/L	100
81) N-PROPYLBENZENE	8.511	91	95471	4.63 UG/L	94
82) 2-CHLOROT0LUENE	8.575	91	57974	4.76 UG/L	97
83) 1,3,5-TRIMETHYLBENZENE	8.662	105	72052	4.69 UG/L	93
84) 4-CHLOROTOLUENE	8.670	91	66747	4.86 UG/L	96
86) TERT-BUTYLBENZENE	8.934	119	62007	4.86 UG/L #	89
87) 1,2,4-TRIMETHYLBENZENE	8.976	105	70553	4.99 UG/L	94
88) SEC-BUTYLBENZENE	9.118	105	97998	5.18 UG/L	92
89) 1,3-DICHLOROBENZENE	9.201	146	37161	4.66 UG/L	99
90) P-ISOPROPYLTOLUENE	9.243	119	73980	4.67 UG/L	94
91) 1,4-DICHLOROBENZENE	9.276	146	36744	4.57 UG/L	96
92) N-BUTYLBENZENE	9.585	91	63797	4.47 UG/L	96
93) 1,2-DICHLOROBENZENE	9.588	146	31139	4.57 UG/L	98
94) 1,2-DIBROMO-3-CHLOROPR...	10.239	75	1466	7.03 UG/L	82
95) 1,3,5-TRICHLOROBENZENE	10.417	180	24822	4.18 UG/L	96
96) 1,2,4-TRICHLOROBENZENE	10.935	180	11645	2.70 UG/L	98
97) HEXACHLOROBUTADIENE	11.082	225	17746	4.96 UG/L	99
98) NAPHTHALENE	11.132	128	8941	1.73 UG/L	100
99) 1,2,3-TRICHLOROBENZENE	11.341	180	8171	2.32 UG/L	98

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

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213010.D
Acq On : 1 Aug 2011 9:14 am
Operator : MFF
Sample : 8260 STD 5.0PPB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 30 15:00:23 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213011.D
Acq On : 1 Aug 2011 9:40 am
Operator : MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 30 15:00:27 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.114	168	240130	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.787	114	303019	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.300	117	286441	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.258	152	148174	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.367	65	84667	34.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 136.32%#				
48) TOLUENE SS	6.081	98	278809	24.71	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.84%				
68) 4-BROMOFLUROBENZENE SS	8.290	95	119180	26.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.12%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.081	85	38188	10.62	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.084	51	46743	10.62	UG/L	#	92
5) CHLOROMETHANE	1.184	50	36637	10.86	UG/L		98
6) VINYL CHLORIDE	1.248	62	33729	10.50	UG/L		99
7) BROMOMETHANE	1.446	94	23796	10.34	UG/L		95
8) CHLOROETHANE	1.504	64	14559	8.20	UG/L		95
9) FLUORODICHLOROMETHANE	1.621	67	59810	11.92	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.660	101	58738	12.14	UG/L		99
11) DI ETHYL ETHER	1.847	74	6971	8.53	UG/L	#	88
12) ACETONE	2.033	58	6360	82.86	UG/L	#	11
13) 1,1,2TRICL-1,2,2TRIFLE...	2.002	101	30949	11.36	UG/L		93
14) 1,1-DICHLOROETHENE	2.005	96	25143	10.32	UG/L		93
15) IODOMETHANE	2.116	142	459516	121.71	UG/L		98
16) METHYL ACETATE	2.286	43	18412	9.95	UG/L	#	93
17) T-BUTYL ALCOHOL	2.459	59	11383	123.48	UG/L	#	97
18) ACRYLONITRILE	2.573	53	3636	8.58	UG/L		92
20) ALLYL CHLORIDE	2.166	76	854833	10.42	UG/L	#	100
21) METHYLENE CHLORIDE	2.364	49	41518	10.17	UG/L		94
22) CARBON DISULFIDE	2.166	76	854833	104.18	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.603	73	50954	11.27	UG/L		98
24) TRANS 1,2-DICHLOROETHENE	2.600	96	25660	9.20	UG/L		90
25) 1,1-DICHLOROETHANE	3.001	63	50674	11.03	UG/L		98
27) VINYL ACETATE	3.065	43	340026	112.84	UG/L	#	91
28) DI ISOPROPYL ETHER	3.085	45	74125	9.85	UG/L		96
29) 2-BUTANONE	3.613	72	8973	78.09	UG/L	#	55
30) T-BUTYL ETHYL ETHER	3.460	59	71841	11.69	UG/L		90
31) CIS-1,2-DICHLOROETHENE	3.591	96	27326	9.20	UG/L		89
32) 2,2-DICHLOROPROPANE	3.588	77	51943	13.51	UG/L		94
34) ETHYL ACETATE	3.683	43	11860	9.83	UG/L	#	81
36) BROMOCHLOROMETHANE	3.822	128	11108	9.55	UG/L		91
37) TETRAHYDROFURAN	3.875	72	1307m	9.70	UG/L		
38) CHLOROFORM	3.905	83	54012	11.64	UG/L		100
39) 1,1,1-TRICHLOROETHANE	4.075	97	57195	12.82	UG/L		99
40) CYCLOHEXANE	4.125	56	45416	7.69	UG/L	#	92
41) CARBON TETRACHLORIDE	4.231	117	53912	11.64	UG/L		99
42) 1,1-DICHLOROPROPENE	4.231	75	44292	10.78	UG/L		96
44) BENZENE	4.420	78	91807	8.41	UG/L		100
45) T-AMYLMETHYL ETHER	4.542	73	46960	10.54	UG/L		96
47) METHYLCYCLOHEXANE	5.180	83	43808	8.17	UG/L	#	86
49) 1,2-DICHLOROETHANE	4.439	62	34699	12.86	UG/L	#	90
50) TRICHLOROETHENE	5.013	95	31329	10.13	UG/L		95
51) 1,2-DICHLOROPROPANE	5.207	63	21664	9.50	UG/L		98
52) DIBROMOMETHANE	5.308	93	13396	12.22	UG/L		89

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213011.D
Acq On : 1 Aug 2011 9:40 am
Operator : MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 30 15:00:27 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

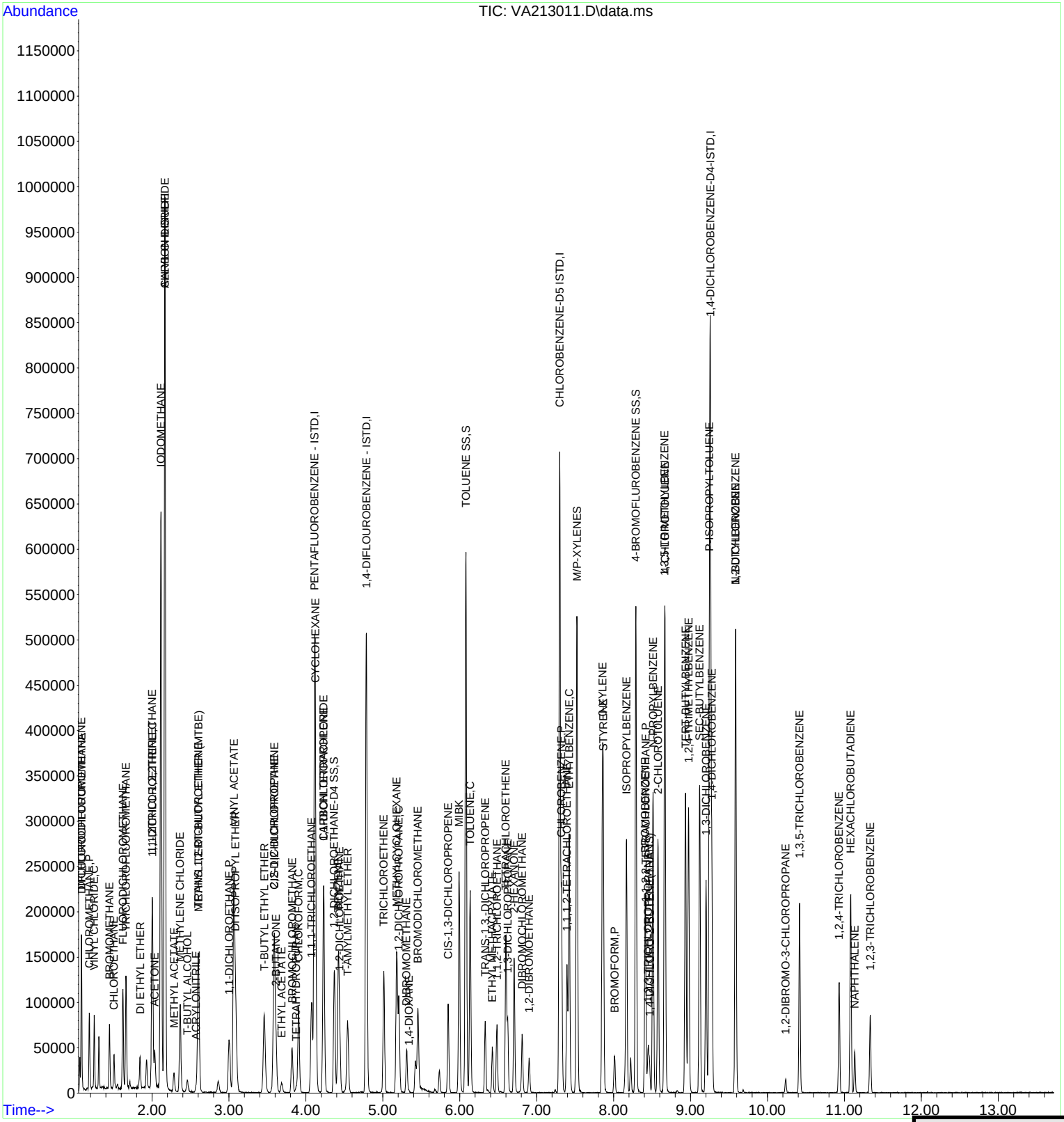
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 1,4-DIOXANE	5.341	88	1148	88.08	UG/L	#	60
55) BROMODICHLOROMETHANE	5.455	83	37840	11.57	UG/L		99
56) MIBK	5.992	43	122537	114.47	UG/L	#	95
57) CIS-1,3-DICHLOROPROPENE	5.850	75	35113	12.14	UG/L	#	86
58) TOLUENE	6.137	92	65035	8.26	UG/L		94
59) TRANS-1,3,-DICHLOROPRO...	6.331	75	28142	14.86	UG/L		96
60) ETHYL METHACRYLATE	6.423	69	15984	9.37	UG/L	#	100
61) 1,1,2-TRICHLOROETHANE	6.484	83	12411	9.90	UG/L		93
62) 2-HEXANONE	6.707	43	73449	100.93	UG/L	#	92
63) TETRACHLOROETHENE	6.598	164	27926	9.51	UG/L		94
64) 1,3-DICHLOROPROPANE	6.623	76	26225	9.39	UG/L		97
65) DIBROMOCHLOROMETHANE	6.810	129	25083	14.41	UG/L		97
66) 1,2-DIBROMOETHANE	6.902	107	18118	11.05	UG/L	#	97
69) CHLOROBENZENE	7.322	112	74780	8.71	UG/L		97
70) 1,1,1,2-TETRACHLOROETHANE	7.391	131	29846	11.39	UG/L		97
71) ETHYLBENZENE	7.422	91	144328	9.16	UG/L		95
72) M/P-XYLENES	7.525	106	110452	17.47	UG/L		87
73) 0-XYLENE	7.856	106	50511	8.55	UG/L		83
74) STYRENE	7.867	104	84941	9.13	UG/L		86
75) BROMOFORM	8.015	173	14788	11.41	UG/L		99
76) ISOPROPYLBENZENE	8.168	105	136485	8.42	UG/L		93
77) 1,1,2,2-TETRACHLOROETHANE	8.418	83	18768	10.40	UG/L		98
78) 1,4-DICHLORO-2-BUTENE(...	8.468	53	5099	10.19	UG/L	#	85
79) BROMOBENZENE	8.410	156	37272	9.22	UG/L		95
80) 1,2,3-TRICHLOROPROPANE	8.449	75	19265	10.52	UG/L		99
81) N-PROPYLBENZENE	8.513	91	182981	9.18	UG/L		96
82) 2-CHLOROT0LUENE	8.576	91	110801	9.40	UG/L		97
83) 1,3,5-TRIMETHYLBENZENE	8.663	105	140628	9.48	UG/L		92
84) 4-CHLOROTOLUENE	8.668	91	125615	9.47	UG/L		97
86) TERT-BUTYLBENZENE	8.935	119	119978	9.64	UG/L		90
87) 1,2,4-TRIMETHYLBENZENE	8.974	105	131832	9.54	UG/L		95
88) SEC-BUTYLBENZENE	9.119	105	175652	9.51	UG/L		91
89) 1,3-DICHLOROBENZENE	9.202	146	70118	9.00	UG/L		99
90) P-ISOPROPYLTOLUENE	9.244	119	149858	9.68	UG/L		94
91) 1,4-DICHLOROBENZENE	9.278	146	68902	8.78	UG/L		96
92) N-BUTYLBENZENE	9.586	91	133341	9.56	UG/L		94
93) 1,2-DICHLOROBENZENE	9.586	146	60504	9.09	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	10.237	75	3026	12.74	UG/L		89
95) 1,3,5-TRICHLOROBENZENE	10.418	180	49482	8.53	UG/L		99
96) 1,2,4-TRICHLOROBENZENE	10.930	180	27468	6.53	UG/L		99
97) HEXACHLOROBUTADIENE	11.080	225	35137	10.05	UG/L		100
98) NAPHTHALENE	11.136	128	25797	5.12	UG/L		100
99) 1,2,3-TRICHLOROBENZENE	11.336	180	19330	5.62	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213011.D
Acq On : 1 Aug 2011 9:40 am
Operator : MFF
Sample : 8260 STD 10PPB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 30 15:00:27 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213012.D
Acq On : 1 Aug 2011 10:06 am
Operator : MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 30 15:00:31 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.114	168	263087	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.785	114	326641	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.300	117	301486	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.258	152	157981	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.370	65	88614	32.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.20%#				
48) TOLUENE SS	6.078	98	290628	23.89	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%				
68) 4-BROMOFLUROBENZENE SS	8.290	95	120901	25.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.32%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.081	85	77381	19.64	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.084	51	96513	20.02	UG/L	#	90
5) CHLOROMETHANE	1.184	50	67191	18.18	UG/L		99
6) VINYL CHLORIDE	1.248	62	68914	19.59	UG/L		100
7) BROMOMETHANE	1.446	94	47873	18.98	UG/L		100
8) CHLOROETHANE	1.504	64	29994	15.42	UG/L		94
9) FLUORODICHLOROMETHANE	1.621	67	125279	22.78	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.663	101	118584	22.38	UG/L		98
11) DI ETHYL ETHER	1.847	74	12296	13.74	UG/L	#	72
12) ACETONE	2.036	58	13628	162.06	UG/L	#	41
13) 1,1,2TRICL-1,2,2TRIFLE...	2.002	101	62489	20.93	UG/L		95
14) 1,1-DICHLOROETHENE	2.002	96	51112	19.16	UG/L		90
15) IODOMETHANE	2.116	142	936918	226.50	UG/L		97
16) METHYL ACETATE	2.286	43	36065	17.78	UG/L		94
17) T-BUTYL ALCOHOL	2.456	59	21984	217.67	UG/L	#	100
18) ACRYLONITRILE	2.575	53	7679	16.54	UG/L		93
20) ALLYL CHLORIDE	2.167	76	1702143	18.93	UG/L	#	100
21) METHYLENE CHLORIDE	2.367	49	78234	17.49	UG/L		94
22) CARBON DISULFIDE	2.167	76	1702143	189.35	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.606	73	102407	20.68	UG/L		95
24) TRANS 1,2-DICHLOROETHENE	2.603	96	52337	17.12	UG/L		90
25) 1,1-DICHLOROETHANE	3.001	63	99984	19.86	UG/L		99
27) VINYL ACETATE	3.062	43	672708	203.76	UG/L	#	92
28) DI ISOPROPYL ETHER	3.090	45	162415	19.70	UG/L		98
29) 2-BUTANONE	3.610	72	18687	148.44	UG/L		67
30) T-BUTYL ETHYL ETHER	3.460	59	140479	20.87	UG/L		90
31) CIS-1,2-DICHLOROETHENE	3.591	96	57448	17.65	UG/L		90
32) 2,2-DICHLOROPROPANE	3.588	77	111167	26.39	UG/L		93
34) ETHYL ACETATE	3.686	43	22709	17.18	UG/L	#	82
36) BROMOCHLOROMETHANE	3.819	128	22613	17.75	UG/L		94
37) TETRAHYDROFURAN	3.878	72	2785m	18.87	UG/L		
38) CHLOROFORM	3.903	83	111333	21.89	UG/L		99
39) 1,1,1-TRICHLOROETHANE	4.075	97	119621	24.46	UG/L		99
40) CYCLOHEXANE	4.125	56	99016	15.31	UG/L	#	90
41) CARBON TETRACHLORIDE	4.234	117	115300	22.09	UG/L		100
42) 1,1-DICHLOROPROPENE	4.234	75	92925	20.64	UG/L		96
44) BENZENE	4.423	78	200948	16.81	UG/L		100
45) T-AMYLMETHYL ETHER	4.542	73	99006	20.28	UG/L		96
47) METHYLCYCLOHEXANE	5.182	83	90835	15.71	UG/L		88
49) 1,2-DICHLOROETHANE	4.442	62	73611	25.30	UG/L	#	89
50) TRICHLOROETHENE	5.013	95	65074	19.51	UG/L		95
51) 1,2-DICHLOROPROPANE	5.207	63	45282	18.43	UG/L	#	97
52) DIBROMOMETHANE	5.310	93	24936	21.10	UG/L		96

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213012.D
Acq On : 1 Aug 2011 10:06 am
Operator : MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 30 15:00:31 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

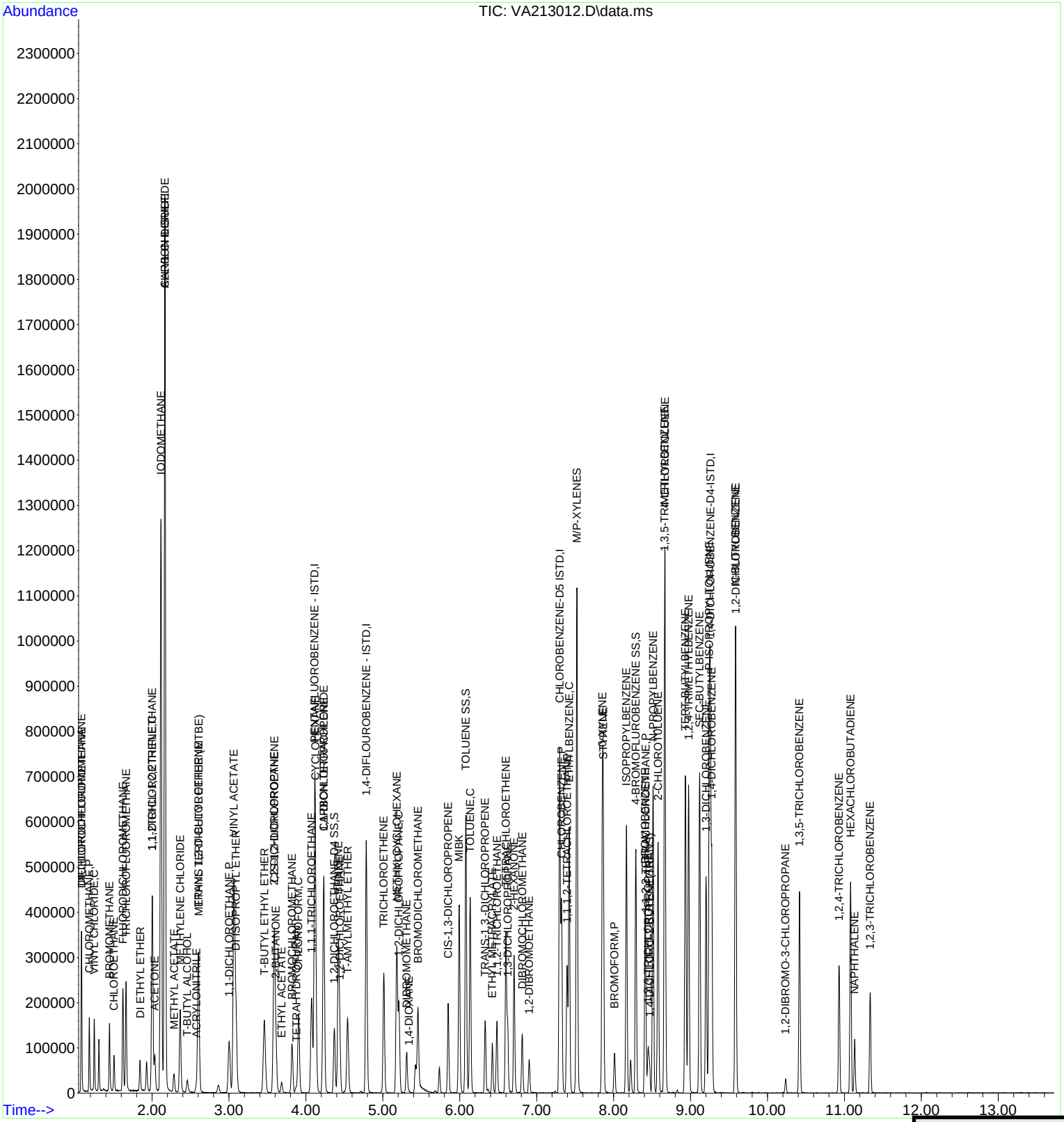
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) 1,4-DIOXANE	5.341	88	2128	142.75 UG/L #	78
55) BROMODICHLOROMETHANE	5.458	83	78205	21.53 UG/L	98
56) MIBK	5.992	43	218178	189.08 UG/L #	94
57) CIS-1,3-DICHLOROPROPENE	5.850	75	72079	23.12 UG/L #	87
58) TOLUENE	6.137	92	131888	15.53 UG/L	97
59) TRANS-1,3,-DICHLOROPRO...	6.329	75	59931	29.36 UG/L	94
60) ETHYL METHACRYLATE	6.423	69	32440	17.65 UG/L #	100
61) 1,1,2-TRICHLOROETHANE	6.484	83	26491	19.60 UG/L	98
62) 2-HEXANONE	6.707	43	152677	194.62 UG/L #	91
63) TETRACHLOROETHENE	6.601	164	60040	18.97 UG/L	97
64) 1,3-DICHLOROPROPANE	6.623	76	49303	16.38 UG/L	98
65) DIBROMOCHLOROMETHANE	6.813	129	51411	27.39 UG/L	98
66) 1,2-DIBROMOETHANE	6.902	107	35812	20.27 UG/L #	99
69) CHLOROBENZENE	7.325	112	154723	17.13 UG/L	98
70) 1,1,1,2-TETRACHLOROETHANE	7.397	131	61782	22.40 UG/L	98
71) ETHYLBENZENE	7.422	91	303001	18.27 UG/L	94
72) M/P-XYLENES	7.522	106	223531	33.59 UG/L	86
73) 0-XYLENE	7.853	106	102870	16.54 UG/L	83
74) STYRENE	7.867	104	169446	17.30 UG/L	86
75) BROMOFORM	8.012	173	31042	21.60 UG/L #	99
76) ISOPROPYLBENZENE	8.165	105	295057	17.30 UG/L	93
77) 1,1,2,2-TETRACHLOROETHANE	8.418	83	35471	18.68 UG/L	97
78) 1,4-DICHLORO-2-BUTENE(...	8.468	53	10193	19.36 UG/L #	1
79) BROMOBENZENE	8.410	156	72979	17.16 UG/L	93
80) 1,2,3-TRICHLOROPROPANE	8.449	75	39348	20.42 UG/L	99
81) N-PROPYLBENZENE	8.513	91	383614	18.29 UG/L	94
82) 2-CHLOROT0LUENE	8.577	91	222192	17.91 UG/L	98
83) 1,3,5-TRIMETHYLBENZENE	8.663	105	302762	19.38 UG/L	92
84) 4-CHLOROTOLUENE	8.668	91	271781	19.46 UG/L	96
86) TERT-BUTYLBENZENE	8.933	119	252277	19.01 UG/L #	89
87) 1,2,4-TRIMETHYLBENZENE	8.974	105	283922	19.28 UG/L	94
88) SEC-BUTYLBENZENE	9.119	105	371725	18.87 UG/L	92
89) 1,3-DICHLOROBENZENE	9.203	146	146001	17.59 UG/L	99
90) P-ISOPROPYLTOLUENE	9.241	119	300897	18.23 UG/L	93
91) 1,4-DICHLOROBENZENE	9.275	146	141279	16.89 UG/L	99
92) N-BUTYLBENZENE	9.584	91	282121	18.97 UG/L	95
93) 1,2-DICHLOROBENZENE	9.589	146	121110	17.06 UG/L	99
94) 1,2-DIBROMO-3-CHLOROPR...	10.235	75	5829	21.47 UG/L	95
95) 1,3,5-TRICHLOROBENZENE	10.416	180	105095	16.99 UG/L	99
96) 1,2,4-TRICHLOROBENZENE	10.930	180	65392	14.58 UG/L	100
97) HEXACHLOROBUTADIENE	11.080	225	76287	20.47 UG/L	99
98) NAPHTHALENE	11.133	128	67116	12.49 UG/L	100
99) 1,2,3-TRICHLOROBENZENE	11.334	180	51597	14.08 UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213012.D
Acq On : 1 Aug 2011 10:06 am
Operator : MFF
Sample : 8260 STD 20PPB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 30 15:00:31 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213013.D
Acq On : 1 Aug 2011 10:32 am
Operator : MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 30 15:00:35 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.118	168	261878	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.785	114	345900	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.300	117	309824	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.256	152	168414	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.368	65	94668	34.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 139.76%#				
48) TOLUENE SS	6.079	98	316744	24.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%				
68) 4-BROMOFLUROBENZENE SS	8.288	95	130765	26.66	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.64%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.080	85	222418	56.72	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.082	51	277003	57.72	UG/L	#	91
5) CHLOROMETHANE	1.182	50	191155	51.97	UG/L		99
6) VINYL CHLORIDE	1.249	62	198492	56.68	UG/L		99
7) BROMOMETHANE	1.444	94	145108	57.79	UG/L		100
8) CHLOROETHANE	1.505	64	91389	47.21	UG/L		99
9) FLUORODICHLOROMETHANE	1.619	67	358369	65.47	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.661	101	355517	67.39	UG/L		98
11) DI ETHYL ETHER	1.845	74	38731	43.47	UG/L	#	81
12) ACETONE	2.034	58	35977	429.80	UG/L	#	30
13) 1,1,2TRICL-1,2,2TRIFLE...	2.000	101	188503	63.42	UG/L		93
14) 1,1-DICHLOROETHENE	2.003	96	152254	57.33	UG/L		91
15) IODOMETHANE	2.115	142	2727392	662.40	UG/L		97
16) METHYL ACETATE	2.281	43	102067	50.56	UG/L		95
17) T-BUTYL ALCOHOL	2.459	59	67911	675.50	UG/L	#	97
18) ACRYLONITRILE	2.568	53	23388	50.60	UG/L		91
20) ALLYL CHLORIDE	2.167	76	4986207	55.72	UG/L	#	100
21) METHYLENE CHLORIDE	2.365	49	205121	46.06	UG/L		96
22) CARBON DISULFIDE	2.167	76	4986207	557.22	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.604	73	297303	60.31	UG/L		92
24) TRANS 1,2-DICHLOROETHENE	2.601	96	153741	50.53	UG/L		89
25) 1,1-DICHLOROETHANE	3.002	63	283381	56.54	UG/L		98
27) VINYL ACETATE	3.066	43	1866935	568.09	UG/L	#	91
28) DI ISOPROPYL ETHER	3.088	45	453855	55.30	UG/L		98
29) 2-BUTANONE	3.611	72	52312	417.47	UG/L	#	55
30) T-BUTYL ETHYL ETHER	3.458	59	399703	59.66	UG/L		91
31) CIS-1,2-DICHLOROETHENE	3.589	96	168723	52.09	UG/L		89
32) 2,2-DICHLOROPROPANE	3.589	77	332700	79.36	UG/L		93
34) ETHYL ACETATE	3.686	43	67897	51.61	UG/L	#	81
36) BROMOCHLOROMETHANE	3.820	128	63872	50.37	UG/L		97
37) TETRAHYDROFURAN	3.873	72	7573m	51.55	UG/L		
38) CHLOROFORM	3.906	83	323331	63.87	UG/L		100
39) 1,1,1-TRICHLOROETHANE	4.073	97	354937	72.92	UG/L		95
40) CYCLOHEXANE	4.126	56	253429	39.37	UG/L	#	87
41) CARBON TETRACHLORIDE	4.229	117	335863	63.36	UG/L		99
42) 1,1-DICHLOROPROPENE	4.232	75	258526	57.68	UG/L		97
44) BENZENE	4.426	78	597410	50.20	UG/L		100
45) T-AMYLMETHYL ETHER	4.543	73	280632	57.74	UG/L		97
47) METHYLCYCLOHEXANE	5.180	83	271072	44.27	UG/L	#	88
49) 1,2-DICHLOROETHANE	4.440	62	211420	68.62	UG/L	#	89
50) TRICHLOROETHENE	5.013	95	196006	55.50	UG/L		96
51) 1,2-DICHLOROPROPANE	5.208	63	129806	49.89	UG/L	#	97
52) DIBROMOMETHANE	5.308	93	75462	60.29	UG/L		97

Data Path : V:\1\DATA\080111\
Data File : VA213013.D
Acq On : 1 Aug 2011 10:32 am
Operator : MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 30 15:00:35 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

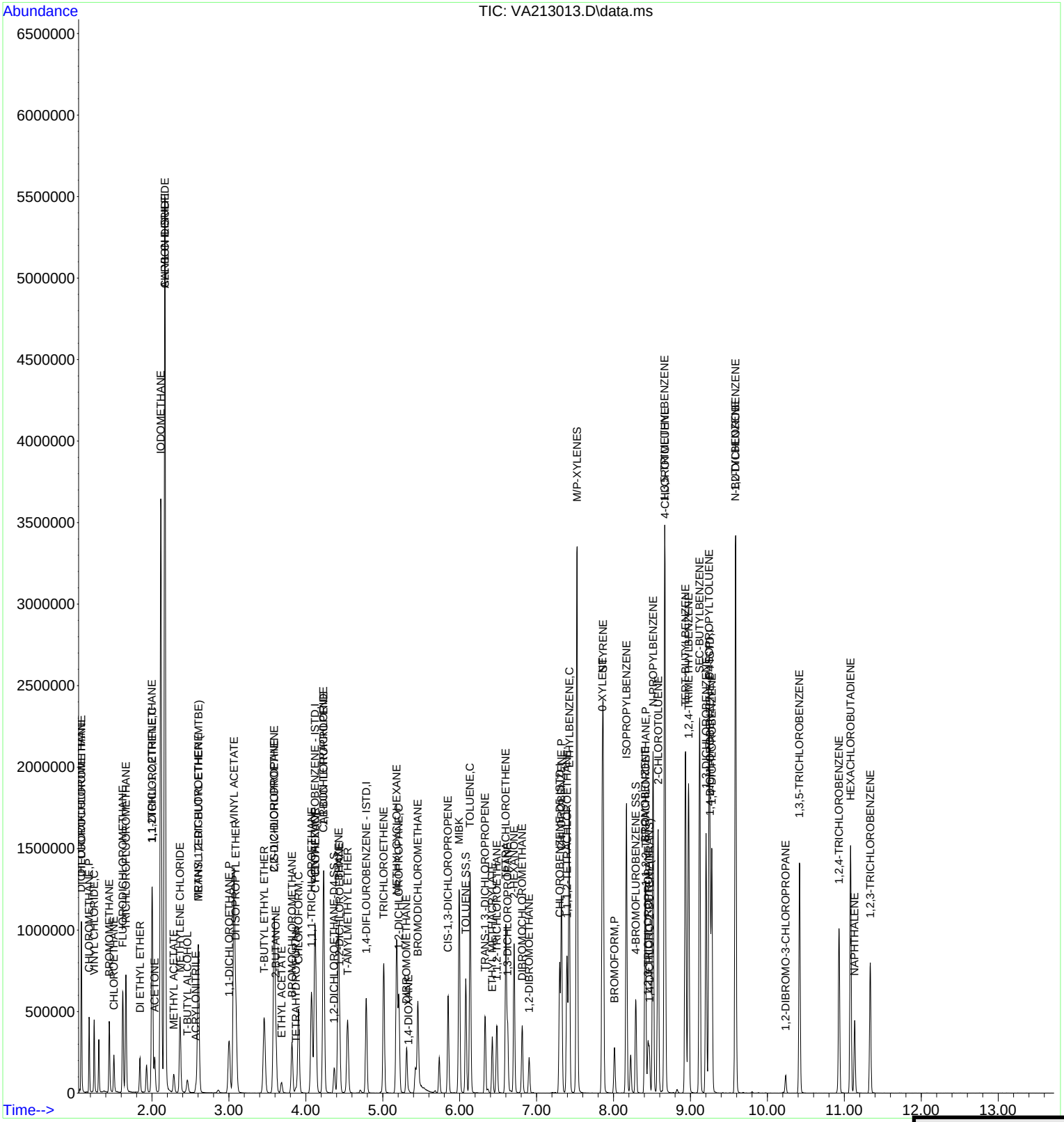
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 1,4-DIOXANE	5.336	88	7448m	443.94	UG/L		
55) BROMODICHLOROMETHANE	5.456	83	231716	58.94	UG/L		99
56) MIBK	5.993	43	661951	541.71	UG/L	#	95
57) CIS-1,3-DICHLOROPROPENE	5.848	75	216229	65.50	UG/L	#	86
58) TOLUENE	6.135	92	402515	44.77	UG/L		95
59) TRANS-1,3,-DICHLOROPRO...	6.329	75	176520	81.65	UG/L		95
60) ETHYL METHACRYLATE	6.424	69	106576	54.75	UG/L	#	100
61) 1,1,2-TRICHLOROETHANE	6.482	83	76827	53.68	UG/L		98
62) 2-HEXANONE	6.708	43	465495	560.34	UG/L	#	92
63) TETRACHLOROETHENE	6.599	164	173114	51.65	UG/L		96
64) 1,3-DICHLOROPROPANE	6.622	76	142105	44.59	UG/L		99
65) DIBROMOCHLOROMETHANE	6.814	129	165771	83.41	UG/L		96
66) 1,2-DIBROMOETHANE	6.903	107	105819	56.56	UG/L	#	97
69) CHLOROBENZENE	7.323	112	444271	47.86	UG/L		99
70) 1,1,1,2-TETRACHLOROETHANE	7.398	131	190660	67.26	UG/L		98
71) ETHYLBENZENE	7.426	91	916119	53.74	UG/L		95
72) M/P-XYLENES	7.526	106	680919	99.57	UG/L		86
73) 0-XYLENE	7.854	106	314025	49.13	UG/L		85
74) STYRENE	7.865	104	528495	52.52	UG/L		88
75) BROMOFORM	8.013	173	97975	63.96	UG/L	#	99
76) ISOPROPYLBENZENE	8.168	105	882660	50.37	UG/L		93
77) 1,1,2,2-TETRACHLOROETHANE	8.419	83	113770	58.31	UG/L		99
78) 1,4-DICHLORO-2-BUTENE(...	8.466	53	36951	68.30	UG/L	#	78
79) BROMOBENZENE	8.410	156	229653	52.53	UG/L		95
80) 1,2,3-TRICHLOROPROPANE	8.449	75	128993	65.13	UG/L		100
81) N-PROPYLBENZENE	8.513	91	1210165	56.15	UG/L		95
82) 2-CHLOROT0LUENE	8.580	91	667317	52.35	UG/L		98
83) 1,3,5-TRIMETHYLBENZENE	8.664	105	903291	56.28	UG/L		93
84) 4-CHLOROTOLUENE	8.669	91	792769	55.24	UG/L		97
86) TERT-BUTYLBENZENE	8.936	119	758834	53.64	UG/L	#	88
87) 1,2,4-TRIMETHYLBENZENE	8.975	105	824244	52.49	UG/L		94
88) SEC-BUTYLBENZENE	9.120	105	1202186	57.26	UG/L		93
89) 1,3-DICHLOROBENZENE	9.203	146	467150	52.78	UG/L		98
90) P-ISOPROPYLTOLUENE	9.242	119	931011	52.91	UG/L		94
91) 1,4-DICHLOROBENZENE	9.278	146	435311	48.82	UG/L		99
92) N-BUTYLBENZENE	9.585	91	902905	56.95	UG/L		96
93) 1,2-DICHLOROBENZENE	9.587	146	368826	48.74	UG/L		98
94) 1,2-DIBROMO-3-CHLOROPR...	10.238	75	19843	64.35	UG/L		91
95) 1,3,5-TRICHLOROBENZENE	10.416	180	341134	51.72	UG/L		98
96) 1,2,4-TRICHLOROBENZENE	10.931	180	238896	49.95	UG/L		98
97) HEXACHLOROBUTADIENE	11.081	225	250053	62.94	UG/L		99
98) NAPHTHALENE	11.134	128	260593	45.49	UG/L		100
99) 1,2,3-TRICHLOROBENZENE	11.337	180	187066	47.88	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213013.D
Acq On : 1 Aug 2011 10:32 am
Operator : MFF
Sample : 8260 STD 50PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 30 15:00:35 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213014.D
Acq On : 1 Aug 2011 10:58 am
Operator : MFF
Sample : 8260 STD 80PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 30 15:00:39 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.116	168	262624	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.784	114	331775	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.299	117	308251	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.258	152	169052	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.369	65	91476	33.66	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 134.64%#				
48) TOLUENE SS	6.080	98	294331	23.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.28%				
68) 4-BROMOFLUROBENZENE SS	8.289	95	130269	26.70	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.80%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.081	85	338291	86.03	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.084	51	424357	88.17	UG/L	#	91
5) CHLOROMETHANE	1.184	50	288303	78.16	UG/L		99
6) VINYL CHLORIDE	1.248	62	305559	87.00	UG/L		100
7) BROMOMETHANE	1.443	94	226177	89.82	UG/L		100
8) CHLOROETHANE	1.504	64	134190	69.12	UG/L		97
9) FLUORODICHLOROMETHANE	1.621	67	564133	102.77	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.660	101	541960	102.44	UG/L		98
11) DI ETHYL ETHER	1.843	74	56169	62.86	UG/L	#	76
12) ACETONE	2.038	58	57996	690.89	UG/L	#	35
13) 1,1,2TRICL-1,2,2TRIFLE...	2.002	101	291733	97.88	UG/L		93
14) 1,1-DICHLOROETHENE	2.005	96	237272	89.09	UG/L		93
15) IODOMETHANE	2.116	142	4157646	1006.89	UG/L		97
16) METHYL ACETATE	2.286	43	150990	74.59	UG/L		94
17) T-BUTYL ALCOHOL	2.464	59	104365	1035.15	UG/L	#	97
18) ACRYLONITRILE	2.572	53	32121	69.29	UG/L	#	88
20) ALLYL CHLORIDE	2.169	76	7610206	84.80	UG/L	#	100
21) METHYLENE CHLORIDE	2.364	49	352343	78.90	UG/L		96
22) CARBON DISULFIDE	2.169	76	7610206	848.05	UG/L		98
23) METHYL TERT-BUTYL ETHE...	2.606	73	451974	91.43	UG/L		92
24) TRANS 1,2-DICHLOROETHENE	2.600	96	235180	77.07	UG/L		88
25) 1,1-DICHLOROETHANE	3.003	63	438776	87.30	UG/L		98
27) VINYL ACETATE	3.067	43	2924332	887.31	UG/L	#	91
28) DI ISOPROPYL ETHER	3.090	45	720865	87.58	UG/L		98
29) 2-BUTANONE	3.613	72	85060	676.88	UG/L	#	62
30) T-BUTYL ETHYL ETHER	3.460	59	653322	97.23	UG/L		91
31) CIS-1,2-DICHLOROETHENE	3.590	96	250017	76.97	UG/L		87
32) 2,2-DICHLOROPROPANE	3.588	77	498394	118.54	UG/L		93
34) ETHYL ACETATE	3.685	43	102948	78.03	UG/L	#	83
36) BROMOCHLOROMETHANE	3.821	128	102592	80.67	UG/L		96
37) TETRAHYDROFURAN	3.869	72	12165m	82.57	UG/L		
38) CHLOROFORM	3.905	83	503479	99.17	UG/L		100
39) 1,1,1-TRICHLOROETHANE	4.077	97	568277	116.42	UG/L		96
40) CYCLOHEXANE	4.127	56	409135	63.38	UG/L	#	87
41) CARBON TETRACHLORIDE	4.230	117	534877	100.23	UG/L		100
42) 1,1-DICHLOROPROPENE	4.233	75	406040	90.33	UG/L		96
44) BENZENE	4.422	78	924109	77.43	UG/L		100
45) T-AMYLMETHYL ETHER	4.542	73	444738	91.24	UG/L		96
47) METHYLCYCLOHEXANE	5.182	83	416790	70.97	UG/L	#	87
49) 1,2-DICHLOROETHANE	4.442	62	330441	111.81	UG/L	#	89
50) TRICHLOROETHENE	5.012	95	293917	86.76	UG/L		95
51) 1,2-DICHLOROPROPANE	5.210	63	205416	82.31	UG/L	#	96
52) DIBROMOMETHANE	5.310	93	118044	98.32	UG/L		96

Data Path : V:\1\DATA\080111\
Data File : VA213014.D
Acq On : 1 Aug 2011 10:58 am
Operator : MFF
Sample : 8260 STD 80PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 30 15:00:39 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration

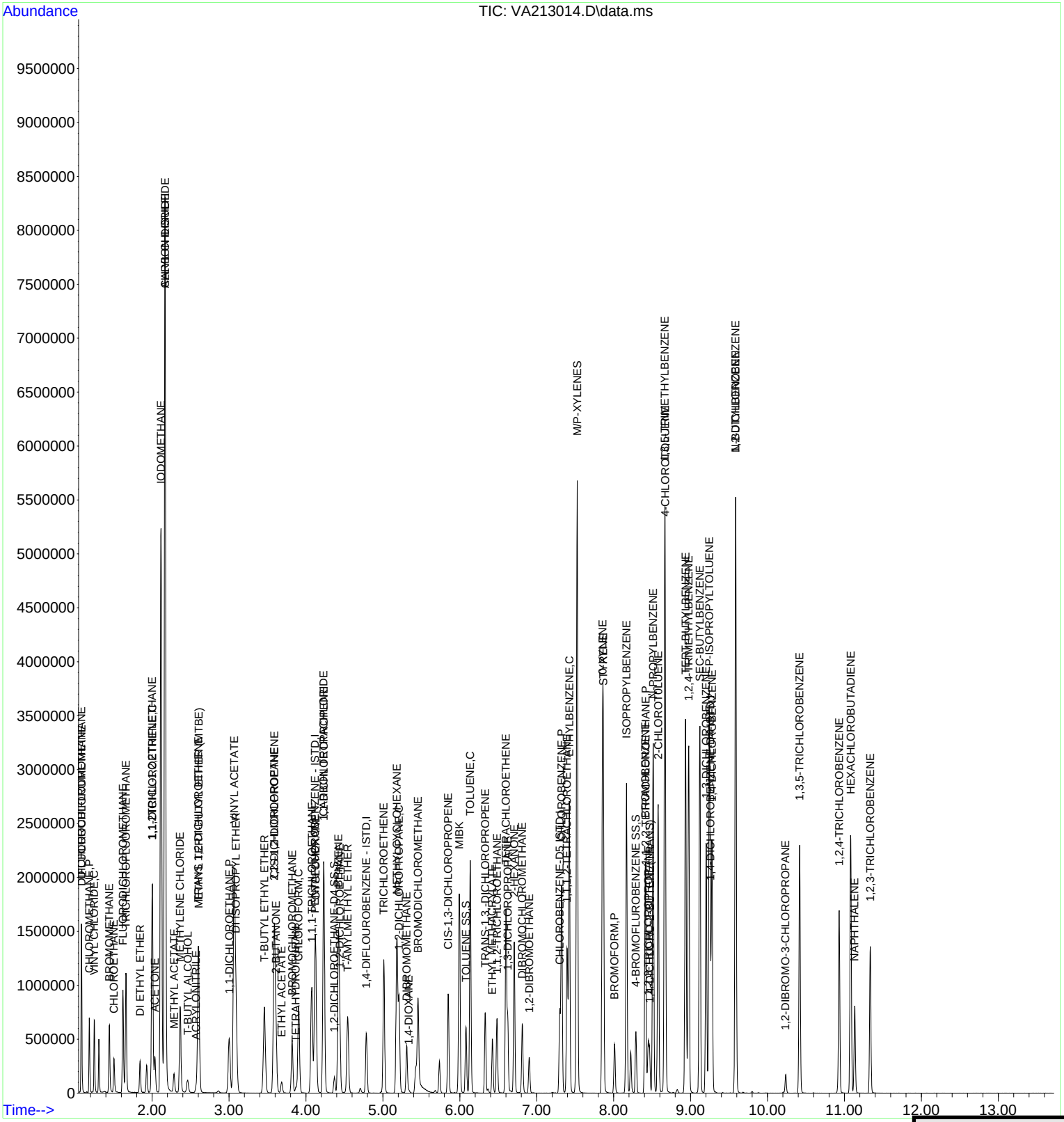
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 1,4-DIOXANE	5.338	88	10958m	674.51	UG/L		
55) BROMODICHLOROMETHANE	5.457	83	364892	96.31	UG/L		98
56) MIBK	5.994	43	1001390	854.39	UG/L	#	95
57) CIS-1,3-DICHLOROPROPENE	5.850	75	338581	106.94	UG/L	#	88
58) TOLUENE	6.136	92	627046	72.71	UG/L		97
59) TRANS-1,3,-DICHLOROPRO...	6.331	75	274556	132.40	UG/L		96
60) ETHYL METHACRYLATE	6.423	69	152343	81.60	UG/L	#	100
61) 1,1,2-TRICHLOROETHANE	6.484	83	122812	89.46	UG/L		99
62) 2-HEXANONE	6.709	43	710793	892.04	UG/L	#	91
63) TETRACHLOROETHENE	6.601	164	278588	86.65	UG/L		95
64) 1,3-DICHLOROPROPANE	6.623	76	230894	75.53	UG/L		100
65) DIBROMOCHLOROMETHANE	6.812	129	252763	132.59	UG/L		97
66) 1,2-DIBROMOETHANE	6.904	107	163410	91.07	UG/L	#	98
69) CHLOROBENZENE	7.324	112	722926	78.28	UG/L		99
70) 1,1,1,2-TETRACHLOROETHANE	7.394	131	302102	107.12	UG/L		98
71) ETHYLBENZENE	7.424	91	1401124	82.61	UG/L		95
72) M/P-XYLENES	7.527	106	1126730	165.60	UG/L		87
73) 0-XYLENE	7.855	106	499700	78.57	UG/L		86
74) STYRENE	7.867	104	825123	82.41	UG/L		87
75) BROMOFORM	8.011	173	160685	104.68	UG/L	#	99
76) ISOPROPYLBENZENE	8.167	105	1351650	77.53	UG/L		93
77) 1,1,2,2-TETRACHLOROETHANE	8.417	83	180326	92.90	UG/L		99
78) 1,4-DICHLORO-2-BUTENE(...	8.468	53	56775	105.48	UG/L	#	75
79) BROMOBENZENE	8.412	156	371037	85.31	UG/L		95
80) 1,2,3-TRICHLOROPROPANE	8.451	75	196011	99.47	UG/L		98
81) N-PROPYLBENZENE	8.515	91	1862334	86.86	UG/L		95
82) 2-CHLOROT0LUENE	8.579	91	1080451	85.20	UG/L		98
83) 1,3,5-TRIMETHYLBENZENE	8.665	105	1428122	89.43	UG/L		93
84) 4-CHLOROTOLUENE	8.671	91	1255999	87.96	UG/L		97
86) TERT-BUTYLBENZENE	8.935	119	1204105	84.79	UG/L	#	88
87) 1,2,4-TRIMETHYLBENZENE	8.977	105	1357689	86.14	UG/L		94
88) SEC-BUTYLBENZENE	9.121	105	1800074	85.41	UG/L		92
89) 1,3-DICHLOROBENZENE	9.202	146	701035	78.91	UG/L		99
90) P-ISOPROPYLTOLUENE	9.244	119	1462049	82.78	UG/L		93
91) 1,4-DICHLOROBENZENE	9.280	146	676381	75.57	UG/L		100
92) N-BUTYLBENZENE	9.586	91	1487934	93.49	UG/L		96
93) 1,2-DICHLOROBENZENE	9.586	146	594617	78.28	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	10.234	75	32463	103.67	UG/L		92
95) 1,3,5-TRICHLOROBENZENE	10.418	180	560329	84.64	UG/L		98
96) 1,2,4-TRICHLOROBENZENE	10.932	180	391870	81.63	UG/L		98
97) HEXACHLOROBUTADIENE	11.083	225	397678	99.72	UG/L		99
98) NAPHTHALENE	11.133	128	477807	83.09	UG/L		100
99) 1,2,3-TRICHLOROBENZENE	11.336	180	310878	79.27	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213014.D
Acq On : 1 Aug 2011 10:58 am
Operator : MFF
Sample : 8260 STD 80PPB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 30 15:00:39 2011
Quant Method : C:\HPCHEM\1\METHODS\V0715S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Fri Jul 15 11:27:01 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213018.D
Acq On : 1 Aug 2011 12:43 pm
Operator : MFF
Sample : B0-BSD1
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 03 15:24:05 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Aug 01 13:18:07 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.118	168	238349	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.788	114	306368	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.301	117	273873	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.256	152	154092	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.371	65	85721	25.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%				
48) TOLUENE SS	6.079	98	271783	24.46	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.84%				
68) 4-BROMOFLUROBENZENE SS	8.288	95	113975	25.69	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.080	85	51644	12.84	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.085	51	35427	6.87	UG/L	#	91
5) CHLOROMETHANE	1.185	50	36662	10.22	UG/L		100
6) VINYL CHLORIDE	1.249	62	35542	10.09	UG/L		97
7) BROMOMETHANE	1.447	94	23003	8.85	UG/L		97
8) CHLOROETHANE	1.505	64	15423	9.73	UG/L		92
9) FLUORODICHLOROMETHANE	1.619	67	52532	8.58	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.661	101	64260	10.45	UG/L		97
11) DI ETHYL ETHER	1.845	74	7783	11.94	UG/L	#	80
12) ACETONE	2.034	58	8919	132.58	UG/L	#	39
13) 1,1,2TRICL-1,2,2TRIFLE...	2.001	101	37204	11.91	UG/L		95
14) 1,1-DICHLOROETHENE	2.003	96	29198	11.32	UG/L		88
15) IODOMETHANE	2.117	142	49136	11.45	UG/L		93
16) METHYL ACETATE	2.287	43	16145	8.55	UG/L	#	92
17) T-BUTYL ALCOHOL	2.460	59	12146	110.03	UG/L	#	98
18) ACRYLONITRILE	2.571	53	3709	9.48	UG/L		88
20) ALLYL CHLORIDE	2.165	76	98777	1.17	UG/L	#	100
21) METHYLENE CHLORIDE	2.362	49	40986	10.30	UG/L		96
22) CARBON DISULFIDE	2.165	76	98777	11.66	UG/L		98
23) METHYL TERT-BUTYL ETHE...	2.607	73	54708	11.21	UG/L		96
24) TRANS 1,2-DICHLOROETHENE	2.602	96	29985	12.04	UG/L		87
25) 1,1-DICHLOROETHANE	3.002	63	56195	11.29	UG/L		98
27) VINYL ACETATE	3.063	43	364799	114.46	UG/L	#	91
28) DI ISOPROPYL ETHER	3.091	45	82329	10.77	UG/L		98
29) 2-BUTANONE	3.614	72	10491	118.63	UG/L	#	60
30) T-BUTYL ETHYL ETHER	3.464	59	67674	9.61	UG/L		91
31) CIS-1,2-DICHLOROETHENE	3.592	96	31479	11.47	UG/L		87
32) 2,2-DICHLOROPROPANE	3.592	77	63367	11.46	UG/L		95
34) ETHYL ACETATE	3.687	43	9934	8.56	UG/L	#	82
36) BROMOCHLOROMETHANE	3.823	128	12019	11.16	UG/L		94
37) TETRAHYDROFURAN	3.873	72	1428	10.72	UG/L		95
38) CHLOROFORM	3.906	83	63703	11.81	UG/L		100
39) 1,1,1-TRICHLOROETHANE	4.073	97	69527	12.11	UG/L		98
40) CYCLOHEXANE	4.123	56	52358	10.85	UG/L	#	91
41) CARBON TETRACHLORIDE	4.229	117	64582	12.30	UG/L		99
42) 1,1-DICHLOROPROPENE	4.232	75	50295	11.58	UG/L		96
44) BENZENE	4.421	78	109940	10.97	UG/L		100
45) T-AMYLMETHYL ETHER	4.543	73	54996	11.66	UG/L		97
47) METHYLCYCLOHEXANE	5.181	83	51117	11.68	UG/L	#	87
49) 1,2-DICHLOROETHANE	4.441	62	42049	11.64	UG/L	#	88
50) TRICHLOROETHENE	5.014	95	36542	11.44	UG/L		96
51) 1,2-DICHLOROPROPANE	5.208	63	27635	12.59	UG/L		98
52) DIBROMOMETHANE	5.306	93	14883	11.51	UG/L		96

Data Path : V:\1\DATA\080111\
Data File : VA213018.D
Acq On : 1 Aug 2011 12:43 pm
Operator : MFF
Sample : B0-BSD1
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 03 15:24:05 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Aug 01 13:18:07 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 1,4-DIOXANE	5.339	88	1086	96.31	UG/L	#	91
55) BROMODICHLOROMETHANE	5.456	83	44164	11.93	UG/L		99
56) MIBK	5.993	43	128550	111.95	UG/L	#	95
57) CIS-1,3-DICHLOROPROPENE	5.848	75	41676	12.01	UG/L	#	88
58) TOLUENE	6.135	92	76006	11.02	UG/L		95
59) TRANS-1,3,-DICHLOROPRO...	6.330	75	35606	13.06	UG/L		93
60) ETHYL METHACRYLATE	6.421	69	17883	11.39	UG/L	#	100
61) 1,1,2-TRICHLOROETHANE	6.485	83	15873	12.58	UG/L		99
62) 2-HEXANONE	6.705	43	85074	114.97	UG/L	#	91
63) TETRACHLOROETHENE	6.597	164	33916	11.53	UG/L		94
64) 1,3-DICHLOROPROPANE	6.622	76	28394	11.19	UG/L		100
65) DIBROMOCHLOROMETHANE	6.811	129	30978	12.44	UG/L		97
66) 1,2-DIBROMOETHANE	6.900	107	20624	11.42	UG/L	#	96
69) CHLOROBENZENE	7.323	112	85986	11.42	UG/L		97
70) 1,1,1,2-TETRACHLOROETHANE	7.392	131	36889	12.47	UG/L		97
71) ETHYLBENZENE	7.420	91	178919	11.97	UG/L		93
72) M/P-XYLENES	7.520	106	134621	23.89	UG/L		87
73) 0-XYLENE	7.854	106	60524	12.10	UG/L		83
74) STYRENE	7.865	104	97723	12.24	UG/L		88
75) BROMOFORM	8.010	173	17724	12.75	UG/L		96
76) ISOPROPYLBENZENE	8.166	105	184735	13.17	UG/L		93
77) 1,1,2,2-TETRACHLOROETHANE	8.416	83	21197	12.24	UG/L		98
78) 1,4-DICHLORO-2-BUTENE(...	8.461	53	4946	11.84	UG/L	#	89
79) BROMOBENZENE	8.411	156	43144	12.04	UG/L		94
80) 1,2,3-TRICHLOROPROPANE	8.447	75	20783	10.80	UG/L		95
81) N-PROPYLBENZENE	8.511	91	230521	12.66	UG/L		94
82) 2-CHLOROT0LUENE	8.578	91	126701	11.55	UG/L		99
83) 1,3,5-TRIMETHYLBENZENE	8.661	105	166752	12.32	UG/L		93
84) 4-CHLOROTOLUENE	8.667	91	157465	12.51	UG/L		97
86) TERT-BUTYLBENZENE	8.934	119	145010	11.22	UG/L	#	86
87) 1,2,4-TRIMETHYLBENZENE	8.973	105	155459	10.88	UG/L		94
88) SEC-BUTYLBENZENE	9.117	105	219968	11.61	UG/L		92
89) 1,3-DICHLOROBENZENE	9.201	146	87600	11.35	UG/L		98
90) P-ISOPROPYLTOLUENE	9.242	119	193456	12.76	UG/L		94
91) 1,4-DICHLOROBENZENE	9.276	146	82867	10.66	UG/L		98
92) N-BUTYLBENZENE	9.585	91	166224	10.88	UG/L		95
93) 1,2-DICHLOROBENZENE	9.585	146	73116	11.64	UG/L		99
94) 1,2-DIBROMO-3-CHLOROPR...	10.233	75	1802	5.73	UG/L	#	16
95) 1,3,5-TRICHLOROBENZENE	10.417	180	57674	10.12	UG/L		98
96) 1,2,4-TRICHLOROBENZENE	10.931	180	36477	9.96	UG/L		99
97) HEXACHLOROBUTADIENE	11.082	225	48586	11.63	UG/L		99
98) NAPHTHALENE	11.134	128	41826	10.87	UG/L		100
99) 1,2,3-TRICHLOROBENZENE	11.335	180	28843	10.47	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\080111\
Data File : VA213018.D
Acq On : 1 Aug 2011 12:43 pm
Operator : MFF
Sample : B0-BSD1
Misc :
ALS Vial : 18 Sample Multiplier: 1

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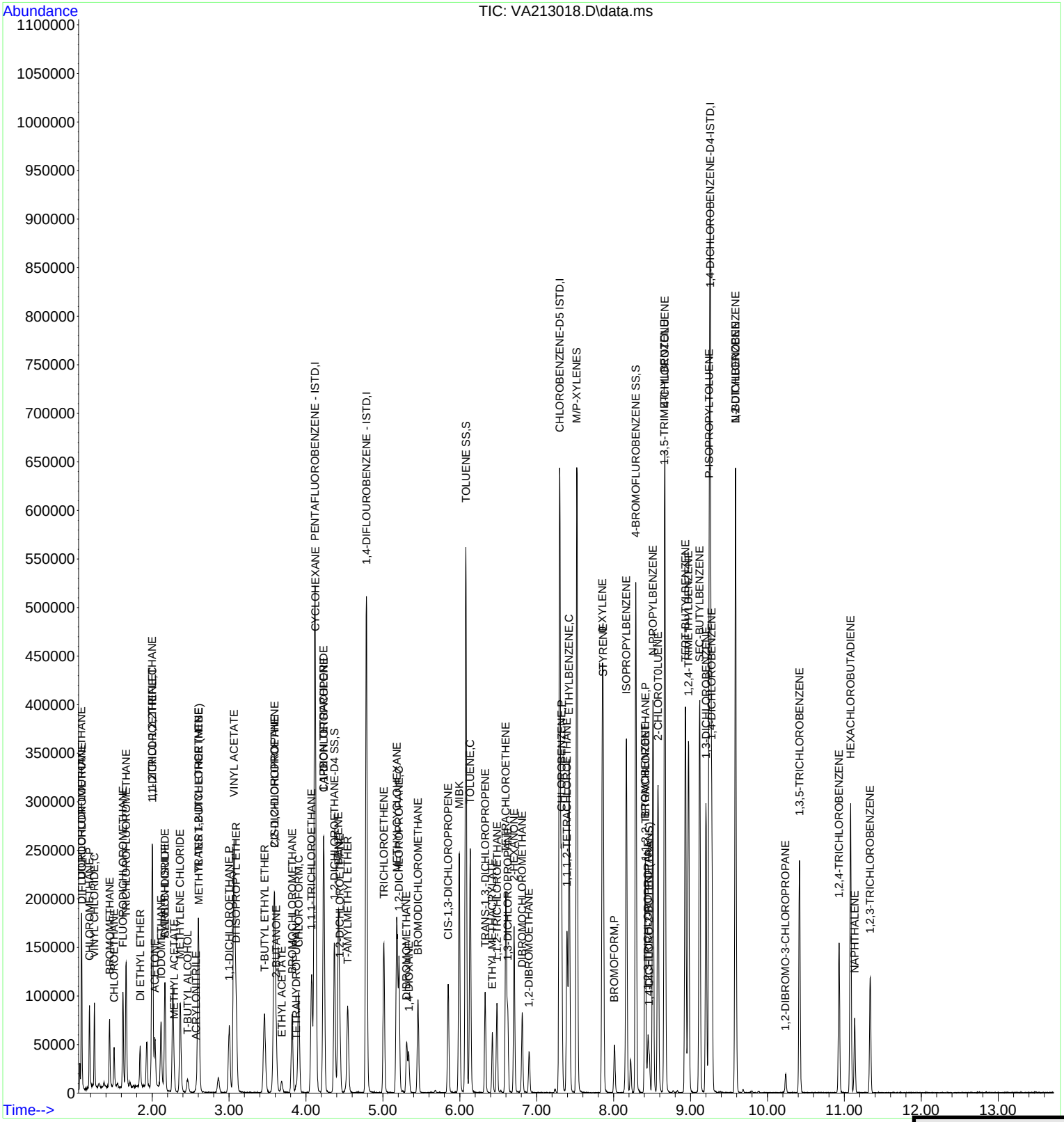
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Aug 01 13:18:07 2011
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100031
Lab File ID:	VB245030.D	Calibration Date:	09/02/11 10:31
Sequence:	S001087	Injection Date:	09/03/11
Lab Sample ID:	S001087-CCV1	Injection Time:	00:53

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	105	0.1173689	0.1229306		4.7	20	
Acrylonitrile	A	10.0	11.2	0.2303361	0.2572681		11.7	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.50	1.163829	1.105611		-5.0	20	
Benzene	A	10.0	10.4	1.761753	1.841289		4.5	20	
Bromobenzene	A	10.0	10.3	1.016533	1.0438		2.7	20	
Bromochloromethane	A	10.0	10.6	0.1844462	0.1962494		6.4	20	
Bromodichloromethane	A	10.0	10.6	0.2823935	0.3006513		6.5	20	
Bromoform	L	10.0	8.39	0.2334394	0.1984073		-16.1	20	
Bromomethane	L	10.0	5.09	0.4402008	0.143256		-49.1	20	*
2-Butanone (MEK)	A	100	98.4	0.2661013	0.2619739		-1.6	20	
tert-Butyl Alcohol (TBA)	A	100	89.8	5.514325E-02	4.954158E-02		-10.2	20	
n-Butylbenzene	A	10.0	10.0	1.478298	1.48094		0.2	20	
sec-Butylbenzene	A	10.0	10.5	1.847068	1.943532		5.2	20	
tert-Butylbenzene	A	10.0	10.5	1.359147	1.431167		5.3	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.48	1.840547	1.561153		-15.2	20	
Carbon Disulfide	A	100	11.4	0.8592439	9.773119E-02		-88.6	20	*
Carbon Tetrachloride	A	10.0	9.91	0.440786	0.4369443		-0.9	20	
Chlorobenzene	A	10.0	10.2	1.389797	1.417622		2.0	20	
Chlorodibromomethane	L	10.0	8.54	0.1944489	0.1832542		-14.6	20	
Chloroethane	A	10.0	9.44	0.3352439	0.3603403		7.5	20	
Chloroform	A	10.0	9.91	0.8165661	0.8091063		-0.9	20	
Chloromethane	A	10.0	9.16	0.6332068	0.5798248		-8.4	20	
2-Chlorotoluene	A	10.0	10.2	1.631949	1.670006		2.3	20	
4-Chlorotoluene	A	10.0	10.3	1.923719	1.9826		3.1	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100031
Lab File ID:	VB245030.D	Calibration Date:	09/02/11 10:31
Sequence:	S001087	Injection Date:	09/03/11
Lab Sample ID:	S001087-CCV1	Injection Time:	00:53

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	8.21	7.927606E-02	7.892213E-02		-17.9	20	
1,2-Dibromoethane (EDB)	A	10.0	10.7	0.242702	0.2596864		7.0	20	
Dibromomethane	A	10.0	10.8	0.1728024	0.1861656		7.7	20	
1,2-Dichlorobenzene	A	10.0	10.5	1.126102	1.183224		5.1	20	
1,3-Dichlorobenzene	A	10.0	10.4	1.113454	1.160993		4.3	20	
1,4-Dichlorobenzene	A	10.0	10.1	1.190503	1.206568		1.3	20	
trans-1,4-Dichloro-2-butene	A	10.0	6.62	0.2553847	0.1690249		-33.8	20	*
Dichlorodifluoromethane (Freon 12)	A	10.0	7.58	0.4374353	0.3315291		-24.2	20	*
1,1-Dichloroethane	A	10.0	11.8	0.8379403	0.9927503		18.5	20	
1,2-Dichloroethane	A	10.0	10.8	0.4998294	0.5392524		7.9	20	
1,1-Dichloroethylene	A	10.0	11.8	0.6263131	0.7367149		17.6	20	
cis-1,2-Dichloroethylene	A	10.0	10.0	0.8906258	0.8928866		0.3	20	
trans-1,2-Dichloroethylene	A	10.0	13.1	0.6074458	0.7981337		31.4	20	*
1,2-Dichloropropane	A	10.0	10.6	0.3290541	0.3485896		5.9	20	
1,3-Dichloropropane	A	10.0	10.3	0.4709815	0.4844508		2.9	20	
2,2-Dichloropropane	A	10.0	6.74	0.5299012	0.3573032		-32.6	20	*
1,1-Dichloropropene	A	10.0	10.7	0.5601362	0.5994024		7.0	20	
cis-1,3-Dichloropropene	A	10.0	10.1	0.3552608	0.3591148		1.1	20	
trans-1,3-Dichloropropene	A	10.0	12.1	0.2621322	0.3182399		21.4	20	*
Diethyl Ether	A	10.0	12.0	0.4109794	0.4953342		20.5	20	*
Diisopropyl Ether (DIPE)	A	10.0	11.2	1.288383	1.437655		11.6	20	
1,4-Dioxane	A	100	89.8	3.121664E-03	2.802364E-03		-10.2	20	
Ethylbenzene	A	10.0	10.2	2.37211	2.420706		2.0	20	
Hexachlorobutadiene	A	10.0	10.4	0.2269503	0.2358281		3.9	20	
2-Hexanone (MBK)	A	100	98.6	0.2453723	0.2419618		-1.4	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100031
Lab File ID:	VB245030.D	Calibration Date:	09/02/11 10:31
Sequence:	S001087	Injection Date:	09/03/11
Lab Sample ID:	S001087-CCV1	Injection Time:	00:53

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	11.9	1.713863	2.035976		18.8	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.7	1.578347	1.685081		6.8	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.9	1.366072	1.494893		9.4	20	
Methylene Chloride	A	10.0	12.1	0.5843424	0.7084425		21.2	20	*
4-Methyl-2-pentanone (MIBK)	A	100	102	0.340781	0.3480229		2.1	20	
Naphthalene	A	10.0	11.2	1.180113	1.319229		11.8	20	
n-Propylbenzene	A	10.0	10.2	2.375005	2.429503		2.3	20	
Styrene	A	10.0	9.95	1.53097	1.5239		-0.5	20	
1,1,1,2-Tetrachloroethane	L	10.0	9.31	0.3854357	0.3950829		-6.9	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.2	0.6386208	0.6528845		2.2	20	
Tetrachloroethylene	A	10.0	10.1	0.186996	0.1896773		1.4	20	
Tetrahydrofuran	A	10.0	8.72	0.1837349	0.1602048		-12.8	20	
Toluene	A	10.0	10.1	1.181397	1.188598		0.6	20	
1,2,3-Trichlorobenzene	A	10.0	11.0	0.4034173	0.4447129		10.2	20	
1,2,4-Trichlorobenzene	A	10.0	10.4	0.543172	0.5678187		4.5	20	
1,3,5-Trichlorobenzene	A	10.0	9.49	0.6396964	0.6071147		-5.1	20	
1,1,1-Trichloroethane	A	10.0	10.5	0.5730739	0.5995412		4.6	20	
1,1,2-Trichloroethane	A	10.0	10.4	0.2501699	0.2598615		3.9	20	
Trichloroethylene	A	10.0	10.6	0.2663299	0.2816371		5.7	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.72	0.5686709	0.5529077		-2.8	20	
1,2,3-Trichloropropane	A	10.0	9.27	0.1895679	0.1757663		-7.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.4	0.3297813	0.3433671		4.1	20	
1,2,4-Trimethylbenzene	A	10.0	10.4	1.911932	1.998233		4.5	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA2	Calibration:	1100031
Lab File ID:	VB245030.D	Calibration Date:	09/02/11 10:31
Sequence:	S001087	Injection Date:	09/03/11
Lab Sample ID:	S001087-CCV1	Injection Time:	00:53

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	9.96	1.710851	1.703417		-0.4	20
Vinyl Chloride	A	10.0	8.55	0.6189301	0.5288969		-14.5	20
m+p Xylene	A	20.0	20.7	1.871925	1.934179		3.3	20
o-Xylene	A	10.0	10.4	1.989892	2.073405		4.2	20
1,2-Dichloroethane-d4	A	25.0	25.9	0.7689007	0.7964796		3.6	
Toluene-d8	A	25.0	25.2	1.224806	1.23285		0.7	
4-Bromofluorobenzene	A	25.0	24.9	0.9349384	0.9319381		-0.3	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245030.D
Acq On : 3 Sep 2011 12:53 am
Operator :
Sample : ccv1/B0-BS1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 07 14:59:56 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	367461	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	599708	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	323970	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	290945	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	243896	25.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.60%				
42) TOLUENE-D8 SS	6.126	98	616125	25.16	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	251600	24.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	40608	7.58	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	74648	8.09	UG/L		99
5) CHLOROMETHANE	1.135	50	71021	9.16	UG/L		100
6) VINYL CHLORIDE	1.188	62	64783	8.55	UG/L		99
7) BROMOMETHANE	1.369	94	17547	5.09	UG/L		100
8) CHLOROETHANE	1.425	64	44137	9.44	UG/L		95
9) FLUORODICHLOROMETHANE	1.533	67	83415	8.43	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	67724	9.72	UG/L		98
11) DI ETHYL ETHER	1.743	59	60672	12.05	UG/L		92
12) ACROLEIN	1.826	56	29154	47.70	UG/L	#	99
13) ACETONE	1.924	43	150574	104.74	UG/L		99
14) 1,1-DICHLOROETHENE	1.888	61	90238	11.76	UG/L		93
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	42058	10.41	UG/L		95
16) IODOMETHANE	1.996	142	127481	18.30	UG/L	#	86
17) METHYL ACETATE	2.152	43	120279	11.90	UG/L		94
18) T-BUTYL ALCOHOL	2.325	59	60682	89.84	UG/L	#	91
19) ACRYLONITRILE	2.426	53	31512	11.17	UG/L		99
20) METHYLENE CHLORIDE	2.228	49	86775	12.12	UG/L		88
21) CARBON DISULFIDE	2.041	76	119708	11.37	UG/L		99
22) METHYL TERT-BUTYL ETHE...	2.451	73	183105	10.94	UG/L	#	90
23) TRANS 1,2-DICHLOROETHENE	2.443	61	97761	13.14	UG/L		87
24) 1,1-DICHLOROETHANE	2.816	63	121599	11.85	UG/L		99
25) VINYL ACETATE	2.880	43	968813	111.38	UG/L	#	90
26) DI ISOPROPYL ETHER	2.900	45	176094	11.16	UG/L	#	85
27) 2-BUTANONE	3.444	43	320884	98.45	UG/L		95
28) T-BUTYL ETHYL ETHER	3.276	59	191221	8.48	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.407	61	109367	10.03	UG/L		96
30) 2,2-DICHLOROPROPANE	3.405	77	43765	6.74	UG/L		99
31) ETHYL ACETATE	3.519	43	49279	5.55	UG/L		99
32) BROMOCHLOROMETHANE	3.650	128	24038	10.64	UG/L		84
33) TETRAHYDROFURAN	3.706	42	19623	8.72	UG/L	#	69
34) CHLOROFORM	3.739	83	99105	9.91	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.912	97	73436	10.46	UG/L		96
36) CYCLOHEXANE	3.960	56	98819	10.25	UG/L		98
37) CARBON TETRACHLORIDE	4.071	117	53520	9.91	UG/L		97
38) 1,1-DICHLOROPROPENE	4.074	75	73419	10.70	UG/L		97
39) BENZENE	4.280	78	225534	10.45	UG/L		99
40) T-AMYLMETHYL ETHER	4.420	73	135423	9.50	UG/L	#	86
43) 1,2-DICHLOROETHANE	4.308	62	107798	10.79	UG/L		98
44) TRICHLOROETHENE	4.927	95	56300	10.57	UG/L		94
45) METHYLCYCLOHEXANE	5.103	83	50318	8.54	UG/L		94
46) 1,2-DICHLOROPROPANE	5.150	63	69684	10.59	UG/L	#	94
47) DIBROMOMETHANE	5.256	93	37215	10.77	UG/L		93

Data Path : W:\1\DATA\090211\
Data File : VB245030.D
Acq On : 3 Sep 2011 12:53 am
Operator :
Sample : ccv1/B0-BS1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 07 14:59:56 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

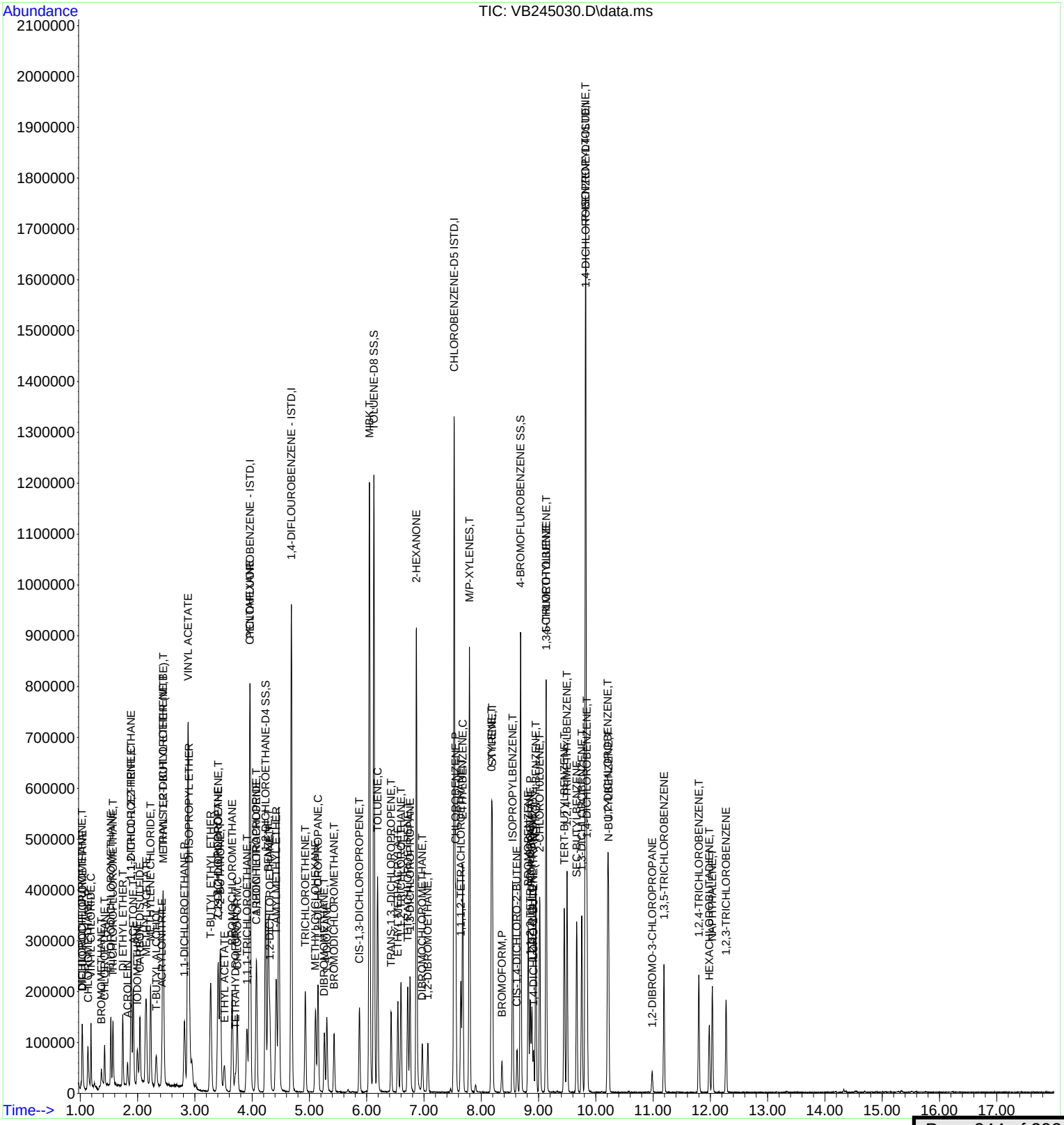
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.304	88	5602	89.77	UG/L	#	68
49) BROMODICHLOROMETHANE	5.432	83	60101	10.65	UG/L		98
51) MIBK	6.048	43	695707	102.13	UG/L	#	82
52) CIS-1,3-DICHLOROPROPENE	5.873	75	71788	10.11	UG/L	#	87
53) TOLUENE	6.190	91	237604	10.06	UG/L		98
54) TRANS-1,3,-DICHLOROPRO...	6.425	75	63617	12.14	UG/L	#	88
55) ETHYL METHACRYLATE	6.545	41	57236	9.26	UG/L		93
56) 1,1,2-TRICHLOROETHANE	6.600	97	51947	10.39	UG/L		96
57) 2-HEXANONE	6.868	43	483688	98.61	UG/L	#	82
58) TETRACHLOROETHENE	6.718	164	37917	10.14	UG/L		98
59) 1,3-DICHLOROPROPANE	6.757	76	96843	10.29	UG/L		91
60) DIBROMOCHLOROMETHANE	6.968	129	36633	8.54	UG/L		98
61) 1,2-DIBROMOETHANE	7.066	107	51912	10.70	UG/L		100
64) CHLOROBENZENE	7.554	112	153089	10.20	UG/L		92
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	42665	9.31	UG/L		99
66) ETHYLBENZENE	7.677	91	261412	10.20	UG/L		98
67) M/P-XYLENES	7.794	91	417744	20.67	UG/L		94
68) 0-XYLENE	8.179	91	223907	10.42	UG/L		96
69) STYRENE	8.193	104	164566	9.95	UG/L	#	84
70) BROMOFORM	8.360	173	21426	8.39	UG/L		98
71) ISOPROPYLBENZENE	8.550	105	219865	11.88	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	19496	7.04	UG/L	#	59
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	70505	10.22	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	18253	6.62	UG/L	#	77
75) BROMOBENZENE	8.820	77	112720	10.27	UG/L		88
76) 1,2,3-TRICHLOROPROPANE	8.884	110	18981	9.27	UG/L		72
77) N-PROPYLBENZENE	8.954	91	262362	10.23	UG/L		96
78) 2-CHLOROT0LUENE	9.021	91	180344	10.23	UG/L		96
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	183952	9.96	UG/L		95
80) 4-CHLOROTOLUENE	9.132	91	214101	10.31	UG/L		94
82) TERT-BUTYLBENZENE	9.450	119	138797	10.53	UG/L		93
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	193792	10.45	UG/L		97
84) SEC-BUTYLBENZENE	9.665	105	188487	10.52	UG/L		98
85) 1,3-DICHLOROBENZENE	9.754	146	112595	10.43	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	163422	10.68	UG/L		96
87) 1,4-DICHLOROBENZENE	9.846	146	117015	10.13	UG/L		96
88) N-BUTYLBENZENE	10.223	91	143624	10.02	UG/L		96
89) 1,2-DICHLOROBENZENE	10.209	146	114751	10.51	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.987	75	7654	8.21	UG/L		92
91) 1,3,5-TRICHLOROBENZENE	11.190	180	58879	9.49	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.801	180	55068	10.45	UG/L		99
93) HEXACHLOROBUTADIENE	11.982	225	22871	10.39	UG/L		99
94) NAPHTHALENE	12.035	128	127941	11.18	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	43129	11.02	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245030.D
Acq On : 3 Sep 2011 12:53 am
Operator :
Sample : ccv1/B0-BS1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 07 14:59:56 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA1	Calibration:	1100032
Lab File ID:	VA245002.D	Calibration Date:	08/01/11 15:01
Sequence:	S001097	Injection Date:	09/02/11
Lab Sample ID:	S001097-CCV1	Injection Time:	05:06

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	99.1	8.467529E-03	8.392461E-03		-0.9	20
Acrylonitrile	A	10.0	8.04	4.924364E-02	3.959913E-02		-19.6	20
tert-Amyl Methyl Ether (TAME)	A	10.0	9.92	0.5934869	0.5889819		-0.8	20
Benzene	A	10.0	9.59	1.260938	1.209295		-4.1	20
Bromobenzene	A	10.0	9.81	0.3924358	0.3849032		-1.9	20
Bromochloromethane	A	10.0	9.67	0.1355454	0.1310604		-3.3	20
Bromodichloromethane	A	10.0	10.3	0.3624219	0.3737367		3.1	20
Bromoform	A	10.0	9.14	0.1522807	0.1391443		-8.6	20
Bromomethane	A	10.0	8.51	0.3271796	0.2784829		-14.9	20
2-Butanone (MEK)	A	100	100	1.113057E-02	1.113072E-02		0.001	20
tert-Butyl Alcohol (TBA)	A	100	96.3	0.0138947	1.338125E-02		-3.7	20
n-Butylbenzene	L	10.0	9.13	2.439038	2.658033		-8.7	20
sec-Butylbenzene	A	10.0	11.1	3.687334	4.107871		11.4	20
tert-Butylbenzene	A	10.0	11.3	2.515519	2.850786		13.3	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.59	0.8867646	0.8501504		-4.1	20
Carbon Disulfide	A	100	83.3	1.066651	0.8880587		-16.7	20
Carbon Tetrachloride	A	10.0	11.1	0.6606456	0.734709		11.2	20
Chlorobenzene	A	10.0	10.3	0.8249502	0.8479477		2.8	20
Chlorodibromomethane	A	10.0	9.55	0.2438861	0.2328576		-4.5	20
Chloroethane	A	10.0	11.0	0.1995745	0.2186778		9.6	20
Chloroform	A	10.0	10.0	0.6791171	0.6795025		0.06	20
Chloromethane	A	10.0	9.31	0.4516278	0.4202734		-6.9	20
2-Chlorotoluene	A	10.0	10.2	1.201958	1.220933		1.6	20
4-Chlorotoluene	A	10.0	10.4	1.378597	1.428119		3.6	20

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA1	Calibration:	1100032
Lab File ID:	VA245002.D	Calibration Date:	08/01/11 15:01
Sequence:	S001097	Injection Date:	09/02/11
Lab Sample ID:	S001097-CCV1	Injection Time:	05:06

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.09	0.061214	4.951077E-02		-19.1	20	
1,2-Dibromoethane (EDB)	A	10.0	9.42	0.176845	0.1665348		-5.8	20	
Dibromomethane	A	10.0	8.66	0.1266296	0.1096231		-13.4	20	
1,2-Dichlorobenzene	A	10.0	10.1	1.222839	1.231097		0.7	20	
1,3-Dichlorobenzene	A	10.0	9.69	1.503074	1.455909		-3.1	20	
1,4-Dichlorobenzene	A	10.0	9.00	1.513733	1.362097		-10.0	20	
trans-1,4-Dichloro-2-butene	A	10.0	11.1	4.575357E-02	0.0507622		10.9	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.1	0.5062541	0.5121991		1.2	20	
1,1-Dichloroethane	A	10.0	9.37	0.6262827	0.5867987		-6.3	20	
1,2-Dichloroethane	A	10.0	11.0	0.353588	0.388507		9.9	20	
1,1-Dichloroethylene	A	10.0	10.3	0.3245628	0.3338753		2.9	20	
cis-1,2-Dichloroethylene	A	10.0	10.2	0.3454005	0.3505742		1.5	20	
trans-1,2-Dichloroethylene	A	10.0	10.1	0.3135263	0.3161079		0.8	20	
1,2-Dichloropropane	A	10.0	9.38	0.2148856	0.201583		-6.2	20	
1,3-Dichloropropane	A	10.0	10.5	0.248578	0.260173		4.7	20	
2,2-Dichloropropane	A	10.0	10.8	0.6960308	0.7491668		7.6	20	
1,1-Dichloropropene	A	10.0	10.3	0.5467592	0.5612161		2.6	20	
cis-1,3-Dichloropropene	A	10.0	10.3	0.3398579	0.3507143		3.2	20	
trans-1,3-Dichloropropene	A	10.0	10.6	0.2669613	0.2818695		5.6	20	
Diethyl Ether	A	10.0	11.3	8.205832E-02	9.292441E-02		13.2	20	
Diisopropyl Ether (DIPE)	A	10.0	8.90	0.9617134	0.8558174		-11.0	20	
1,4-Dioxane	A	100	73.4	1.155921E-03	7.732867E-04		-33.1	20	*
Ethylbenzene	A	10.0	10.5	1.637106	1.714971		4.8	20	
Hexachlorobutadiene	L	10.0	9.07	0.6370796	0.7181967		-9.3	20	
2-Hexanone (MBK)	A	100	89.8	7.246171E-02	6.509423E-02		-10.2	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA1	Calibration:	1100032
Lab File ID:	VA245002.D	Calibration Date:	08/01/11 15:01
Sequence:	S001097	Injection Date:	09/02/11
Lab Sample ID:	S001097-CCV1	Injection Time:	05:06

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	11.0	1.536631	1.688024		9.9	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	11.2	2.951468	3.301533		11.9	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.4	0.6141092	0.6406814		4.3	20	
Methylene Chloride	A	10.0	9.66	0.5010671	0.4839339		-3.4	20	
4-Methyl-2-pentanone (MIBK)	A	100	91.4	0.1124411	0.1028036		-8.6	20	
Naphthalene	L	10.0	5.64	0.4924244	0.2600167		-43.6	20	*
n-Propylbenzene	A	10.0	10.2	1.993833	2.044363		2.5	20	
Styrene	A	10.0	10.6	0.8744809	0.9236492		5.6	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.2	0.3241036	0.3297134		1.7	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.15	0.1896598	0.1735614		-8.5	20	
Tetrachloroethylene	A	10.0	10.8	0.2879307	0.3099452		7.6	20	
Tetrahydrofuran	A	10.0	8.21	1.676721E-02	1.376099E-02		-17.9	20	
Toluene	A	10.0	10.2	0.6754724	0.6880768		1.9	20	
1,2,3-Trichlorobenzene	L	10.0	6.35	0.3740061	0.2724996		-36.5	20	*
1,2,4-Trichlorobenzene	L	10.0	6.45	0.4810763	0.4018768		-35.5	20	*
1,3,5-Trichlorobenzene	L	10.0	8.13	0.8988409	0.873842		-18.7	20	
1,1,1-Trichloroethane	A	10.0	11.2	0.7227467	0.8119796		12.3	20	
1,1,2-Trichloroethane	A	10.0	9.32	0.1235394	0.1150843		-6.8	20	
Trichloroethylene	A	10.0	10.4	0.3128411	0.3241592		3.6	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.8	0.7743194	0.8348798		7.8	20	
1,2,3-Trichloropropane	A	10.0	8.62	0.2108485	0.1818042		-13.8	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.0	0.3930622	0.3943888		0.3	20	
1,2,4-Trimethylbenzene	A	10.0	10.8	2.782996	3.001863		7.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	GCMSVOA1	Calibration:	1100032
Lab File ID:	VA245002.D	Calibration Date:	08/01/11 15:01
Sequence:	S001097	Injection Date:	09/02/11
Lab Sample ID:	S001097-CCV1	Injection Time:	05:06

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	11.0	1.482528	1.634782		10.3	20
Vinyl Chloride	A	10.0	9.36	0.4433179	0.414827		-6.4	20
m+p Xylene	A	20.0	21.0	0.6173498	0.6468817		4.8	20
o-Xylene	A	10.0	10.9	0.548065	0.5953916		8.6	20
1,2-Dichloroethane-d4	A	25.0	26.2	0.4261787	0.4473657		5.0	
Toluene-d8	A	25.0	25.6	1.087852	1.115473		2.5	
4-Bromofluorobenzene	A	25.0	26.4	0.4860519	0.5131922		5.6	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245002.D
Acq On : 2 Sep 2011 5:06 am
Operator : MFF
Sample : S001097-CCV1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 16:48:10 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.116	168	258339	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.787	114	323554	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.299	117	298805	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.260	152	149725	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.372	65	96310	26.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.96%				
48) TOLUENE SS	6.080	98	300763	25.63	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.52%				
68) 4-BROMOFLUROBENZENE SS	8.289	95	127787	26.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.60%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.081	85	44107	10.12	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.083	51	48812	8.73	UG/L	#	84
5) CHLOROMETHANE	1.186	50	36191	9.31	UG/L		100
6) VINYL CHLORIDE	1.250	62	35722	9.36	UG/L		100
7) BROMOMETHANE	1.448	94	23981	8.51	UG/L		98
8) CHLOROETHANE	1.506	64	18831	10.96	UG/L		94
9) FLUORODICHLOROMETHANE	1.620	67	62458	9.41	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.662	101	71894	10.78	UG/L		97
11) DI ETHYL ETHER	1.846	74	8002	11.32	UG/L		94
12) ACETONE	2.035	58	7227	99.11	UG/L	#	34
13) 1,1,2TRICL-1,2,2TRIFLE...	2.002	101	33962	10.03	UG/L		98
14) 1,1-DICHLOROETHENE	2.004	96	28751	10.29	UG/L		88
15) IODOMETHANE	2.116	142	492067	105.83	UG/L		96
16) METHYL ACETATE	2.285	43	18627	9.10	UG/L	#	93
17) T-BUTYL ALCOHOL	2.461	59	11523	96.30	UG/L	#	99
18) ACRYLONITRILE	2.575	53	3410	8.04	UG/L		95
20) ALLYL CHLORIDE	2.169	76	764734	8.33	UG/L	#	100
21) METHYLENE CHLORIDE	2.369	49	41673	9.66	UG/L		100
22) CARBON DISULFIDE	2.169	76	764734	83.26	UG/L		100
23) METHYL TERT-BUTYL ETHE...	2.605	73	55171	10.43	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.603	96	27221	10.08	UG/L		90
25) 1,1-DICHLOROETHANE	3.000	63	50531	9.37	UG/L		97
27) VINYL ACETATE	3.064	43	329437	95.36	UG/L		97
28) DI ISOPROPYL ETHER	3.087	45	73697	8.90	UG/L		100
29) 2-BUTANONE	3.615	72	9585	100.00	UG/L		73
30) T-BUTYL ETHYL ETHER	3.457	59	73209	9.59	UG/L		96
31) CIS-1,2-DICHLOROETHENE	3.590	96	30189	10.15	UG/L		88
32) 2,2-DICHLOROPROPANE	3.587	77	64513	10.76	UG/L	#	89
34) ETHYL ACETATE	3.685	43	11203	8.90	UG/L	#	81
36) BROMOCHLOROMETHANE	3.824	128	11286	9.67	UG/L		90
37) TETRAHYDROFURAN	3.868	72	1185	8.21	UG/L	#	78
38) CHLOROFORM	3.907	83	58514	10.01	UG/L		98
39) 1,1,1-TRICHLOROETHANE	4.074	97	69922	11.23	UG/L		99
40) CYCLOHEXANE	4.127	56	53632	10.22	UG/L		92
41) CARBON TETRACHLORIDE	4.230	117	63268	11.12	UG/L		98
42) 1,1-DICHLOROPROPENE	4.236	75	48328	10.26	UG/L		95
44) BENZENE	4.425	78	104136	9.59	UG/L		100
45) T-AMYLMETHYL ETHER	4.542	73	50719	9.92	UG/L		97
47) METHYLCYCLOHEXANE	5.184	83	51853	11.22	UG/L	#	91
49) 1,2-DICHLOROETHANE	4.442	62	41901	10.99	UG/L	#	91
50) TRICHLOROETHENE	5.012	95	34961	10.36	UG/L		98
51) 1,2-DICHLOROPROPANE	5.212	63	21741	9.38	UG/L		99
52) DIBROMOMETHANE	5.310	93	11823	8.66	UG/L		98

Data Path : V:\1\DATA\090211\
Data File : VA245002.D
Acq On : 2 Sep 2011 5:06 am
Operator : MFF
Sample : S001097-CCV1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 16:48:10 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

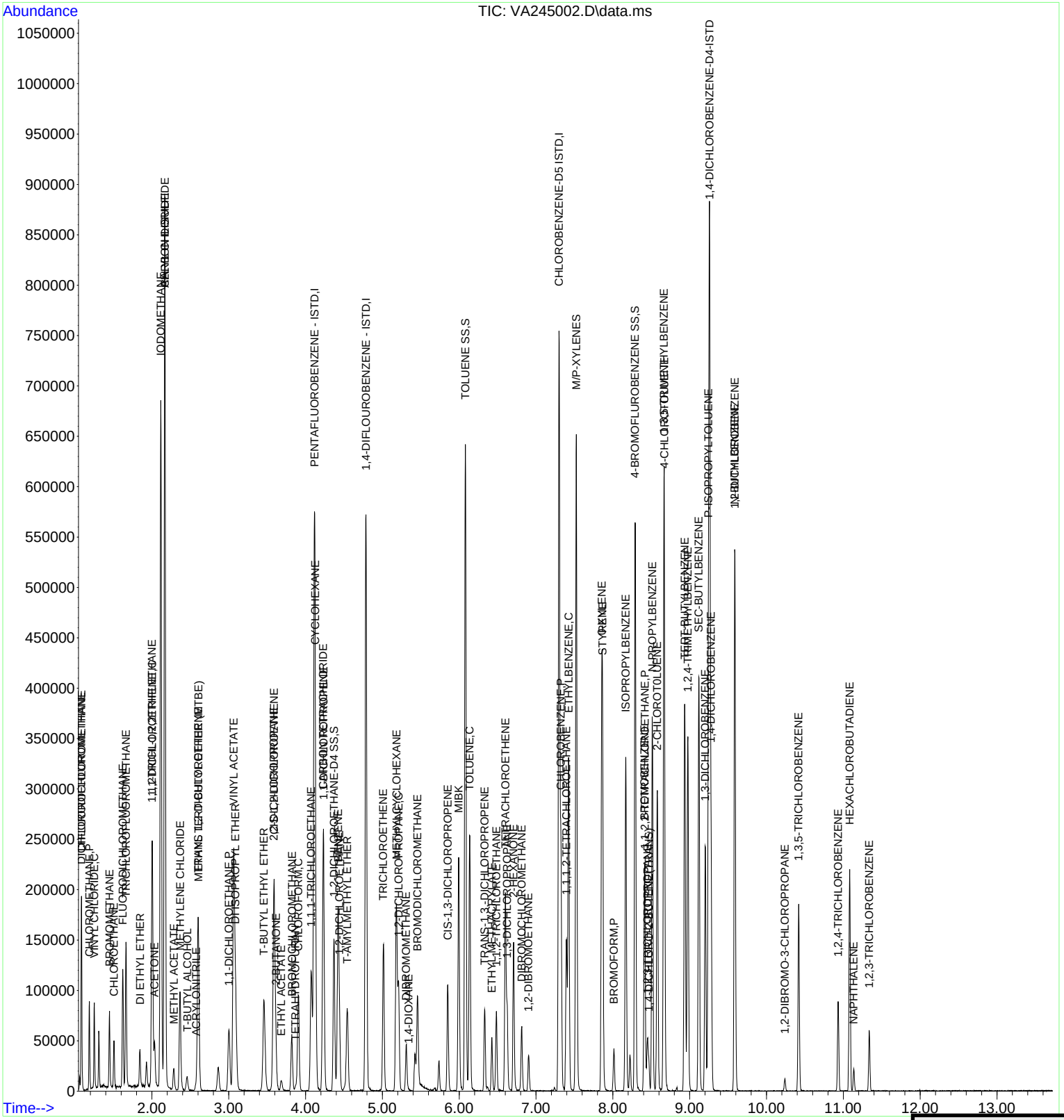
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 1,4-DIOXANE	5.343	88	834	73.43	UG/L		88
55) BROMODICHLOROMETHANE	5.457	83	40308	10.31	UG/L		99
56) MIBK	5.994	43	110875	91.43	UG/L		94
57) CIS-1,3-DICHLOROPROPENE	5.852	75	37825	10.32	UG/L	#	82
58) TOLUENE	6.136	92	74210	10.19	UG/L		94
59) TRANS-1,3,-DICHLOROPRO...	6.331	75	30400	10.56	UG/L		92
60) ETHYL METHACRYLATE	6.425	69	15890	9.59	UG/L	#	100
61) 1,1,2-TRICHLOROETHANE	6.484	83	12412	9.32	UG/L		96
62) 2-HEXANONE	6.709	43	70205	89.83	UG/L		92
63) TETRACHLOROETHENE	6.603	164	33428	10.76	UG/L		98
64) 1,3-DICHLOROPROPANE	6.623	76	28060	10.47	UG/L		99
65) DIBROMOCHLOROMETHANE	6.815	129	25114	9.55	UG/L		98
66) 1,2-DIBROMOETHANE	6.901	107	17961	9.42	UG/L		98
69) CHLOROBENZENE	7.324	112	84457	10.28	UG/L		94
70) 1,1,1,2-TETRACHLOROETHANE	7.396	131	32840	10.17	UG/L		96
71) ETHYLBENZENE	7.424	91	170814	10.48	UG/L		95
72) M/P-XYLENES	7.524	106	128861	20.96	UG/L		87
73) 0-XYLENE	7.855	106	59302	10.86	UG/L		84
74) STYRENE	7.866	104	91997	10.56	UG/L	#	81
75) BROMOFORM	8.014	173	13859	9.14	UG/L	#	96
76) ISOPROPYLBENZENE	8.167	105	168130	10.99	UG/L		95
77) 1,1,2,2-TETRACHLOROETHANE	8.417	83	17287	9.15	UG/L		95
78) 1,4-DICHLORO-2-BUTENE(...	8.467	53	5056	11.09	UG/L	#	79
79) BROMOBENZENE	8.412	156	38337	9.81	UG/L		98
80) 1,2,3-TRICHLOROPROPANE	8.451	75	18108	8.62	UG/L		96
81) N-PROPYLBENZENE	8.512	91	203622	10.25	UG/L		99
82) 2-CHLOROT0LUENE	8.576	91	121607	10.16	UG/L		95
83) 1,3,5-TRIMETHYLBENZENE	8.665	105	162827	11.03	UG/L		90
84) 4-CHLOROTOLUENE	8.670	91	142243	10.36	UG/L		92
86) TERT-BUTYLBENZENE	8.935	119	142278	11.33	UG/L		91
87) 1,2,4-TRIMETHYLBENZENE	8.976	105	149818	10.79	UG/L		95
88) SEC-BUTYLBENZENE	9.118	105	205017	11.14	UG/L		97
89) 1,3-DICHLOROBENZENE	9.202	146	72662	9.69	UG/L		97
90) P-ISOPROPYLTOLUENE	9.243	119	164774	11.19	UG/L		94
91) 1,4-DICHLOROBENZENE	9.277	146	67980	9.00	UG/L		96
92) N-BUTYLBENZENE	9.586	91	132658	9.13	UG/L		98
93) 1,2-DICHLOROBENZENE	9.588	146	61442	10.07	UG/L		97
94) 1,2-DIBROMO-3-CHLOROPR...	10.240	75	2471	8.09	UG/L		88
95) 1,3,5-TRICHLOROBENZENE	10.418	180	43612	8.13	UG/L		99
96) 1,2,4-TRICHLOROBENZENE	10.932	180	20057	6.45	UG/L		97
97) HEXACHLOROBUTADIENE	11.082	225	35844	9.07	UG/L		99
98) NAPHTHALENE	11.135	128	12977	5.64	UG/L		100
99) 1,2,3-TRICHLOROBENZENE	11.338	180	13600	6.35	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245002.D
Acq On : 2 Sep 2011 5:06 am
Operator : MFF
Sample : S001097-CCV1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 16:48:10 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B036681-BLK1	File ID:	VA245007.D
Sampled:		Prepared:	09/02/11 05:36	Analyzed:	09/02/11 07:25
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone		0.014	0.10	V-16
107-13-1	Acrylonitrile		0.0051	0.0060	V-16
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00070	0.0010	
71-43-2	Benzene		0.00030	0.0020	
108-86-1	Bromobenzene		0.00030	0.0020	
74-97-5	Bromochloromethane		0.00050	0.0020	
75-27-4	Bromodichloromethane		0.00040	0.0020	
75-25-2	Bromoform		0.00040	0.0020	
74-83-9	Bromomethane		0.00090	0.010	
78-93-3	2-Butanone (MEK)		0.0071	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.0073	0.040	V-16
104-51-8	n-Butylbenzene		0.00030	0.0020	
135-98-8	sec-Butylbenzene		0.00030	0.0020	
98-06-6	tert-Butylbenzene		0.00030	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00040	0.0010	
75-15-0	Carbon Disulfide		0.00040	0.0060	
56-23-5	Carbon Tetrachloride		0.00050	0.0020	
108-90-7	Chlorobenzene		0.00030	0.0020	
124-48-1	Chlorodibromomethane		0.00040	0.0010	
75-00-3	Chloroethane		0.00050	0.020	
67-66-3	Chloroform		0.00030	0.0040	
74-87-3	Chloromethane		0.00030	0.010	
95-49-8	2-Chlorotoluene		0.00030	0.0020	
106-43-4	4-Chlorotoluene		0.00030	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0014	0.0040	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B036681-BLK1	File ID:	VA245007.D
Sampled:		Prepared:	09/02/11 05:36	Analyzed:	09/02/11 07:25
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00040	0.0010	
74-95-3	Dibromomethane		0.00040	0.0020	
95-50-1	1,2-Dichlorobenzene		0.00030	0.0020	
541-73-1	1,3-Dichlorobenzene		0.00030	0.0020	
106-46-7	1,4-Dichlorobenzene		0.00020	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene		0.00090	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00040	0.020	
75-34-3	1,1-Dichloroethane		0.0011	0.0020	
107-06-2	1,2-Dichloroethane		0.00040	0.0020	
75-35-4	1,1-Dichloroethylene		0.00050	0.0040	
156-59-2	cis-1,2-Dichloroethylene		0.00030	0.0020	
156-60-5	trans-1,2-Dichloroethylene		0.00040	0.0020	
78-87-5	1,2-Dichloropropane		0.0011	0.0020	
142-28-9	1,3-Dichloropropane		0.00030	0.0010	
594-20-7	2,2-Dichloropropane		0.00080	0.0020	
563-58-6	1,1-Dichloropropene		0.0019	0.0020	
10061-01-5	cis-1,3-Dichloropropene		0.00040	0.0010	
10061-02-6	trans-1,3-Dichloropropene		0.00040	0.0010	
60-29-7	Diethyl Ether		0.00040	0.020	
108-20-3	Diisopropyl Ether (DIPE)		0.00040	0.0010	
123-91-1	1,4-Dioxane		0.016	0.10	V-05, V-16
100-41-4	Ethylbenzene		0.00030	0.0020	
87-68-3	Hexachlorobutadiene		0.00040	0.0020	
591-78-6	2-Hexanone (MBK)		0.0061	0.020	
98-82-8	Isopropylbenzene (Cumene)		0.00040	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00030	0.0020	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B036681-BLK1	File ID:	VA245007.D
Sampled:		Prepared:	09/02/11 05:36	Analyzed:	09/02/11 07:25
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00040	0.0040	
75-09-2	Methylene Chloride		0.00060	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0059	0.020	
91-20-3	Naphthalene		0.00030	0.0040	V-05
103-65-1	n-Propylbenzene		0.00030	0.0020	
100-42-5	Styrene		0.00030	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane		0.00030	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane		0.00040	0.0010	
127-18-4	Tetrachloroethylene		0.00050	0.0020	
109-99-9	Tetrahydrofuran		0.0015	0.010	V-16
108-88-3	Toluene		0.00040	0.0020	
87-61-6	1,2,3-Trichlorobenzene		0.00030	0.0020	V-05
120-82-1	1,2,4-Trichlorobenzene		0.00040	0.0020	V-05
108-70-3	1,3,5-Trichlorobenzene		0.00030	0.0020	
71-55-6	1,1,1-Trichloroethane		0.00050	0.0020	
79-00-5	1,1,2-Trichloroethane		0.00030	0.0020	
79-01-6	Trichloroethylene		0.00040	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00050	0.010	
96-18-4	1,2,3-Trichloropropane		0.00080	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00060	0.010	
95-63-6	1,2,4-Trimethylbenzene		0.00030	0.0020	
108-67-8	1,3,5-Trimethylbenzene		0.00040	0.0020	
75-01-4	Vinyl Chloride		0.00050	0.010	
108383/106423	m+p Xylene		0.00070	0.0040	
95-47-6	o-Xylene		0.00040	0.0020	

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245007.D
Acq On : 2 Sep 2011 7:25 am
Operator : MFF
Sample : B036682-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 30 14:38:35 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

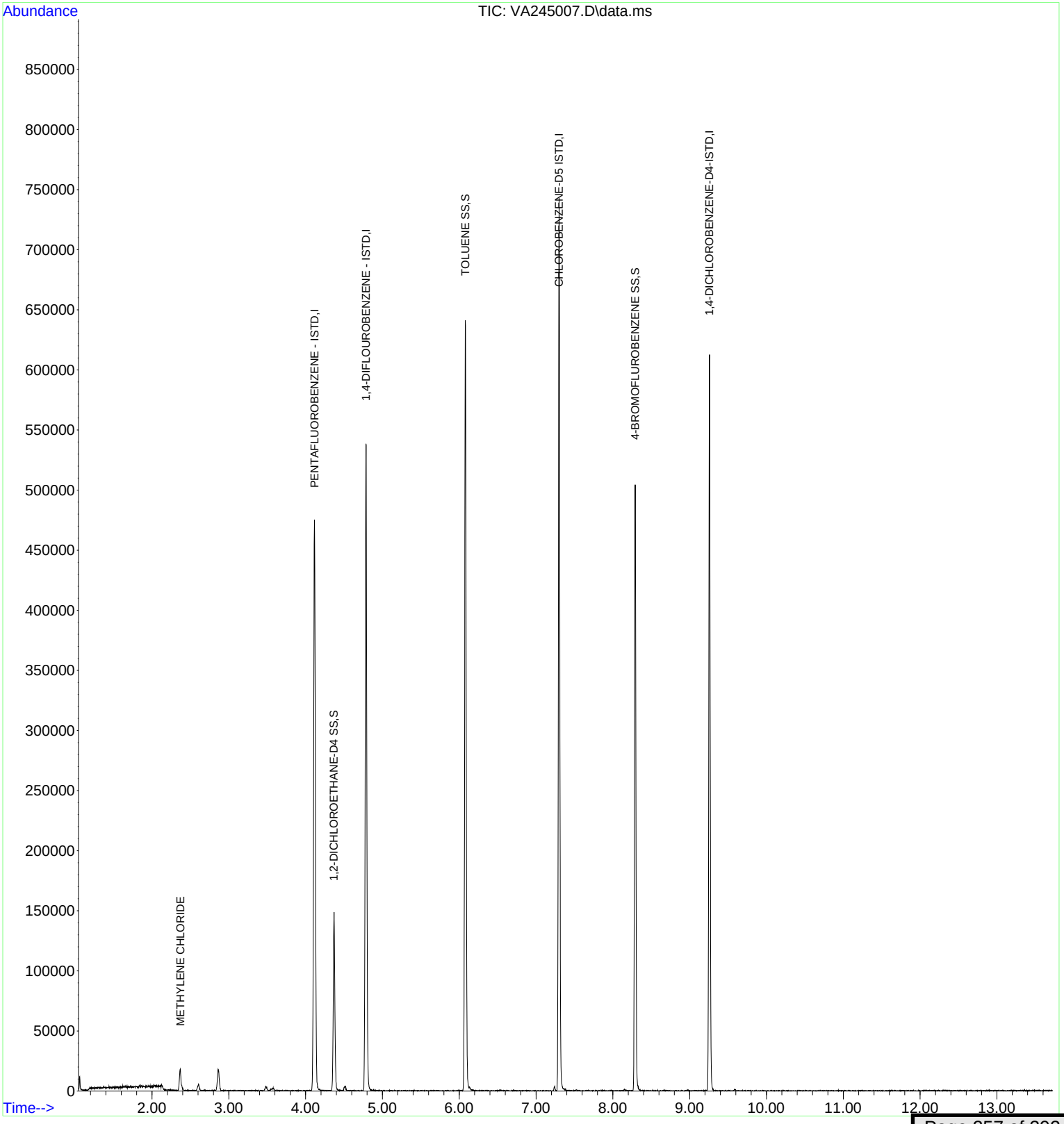
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.117	168	251504	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.788	114	308288	30.00	UG/L	0.00
67) CHLOROBENZENE-D5 ISTD	7.300	117	289213	30.00	UG/L	0.00
85) 1,4-DICHLOROBENZENE-D4...	9.256	152	118223	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.368	65	91688	25.66	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.64%			
48) TOLUENE SS	6.079	98	294996	26.39	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.56%			
68) 4-BROMOFLUROBENZENE SS	8.291	95	115498	24.65	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.60%			
Target Compounds						Qvalue
21) METHYLENE CHLORIDE	2.370	49	7613	1.81	UG/L	96

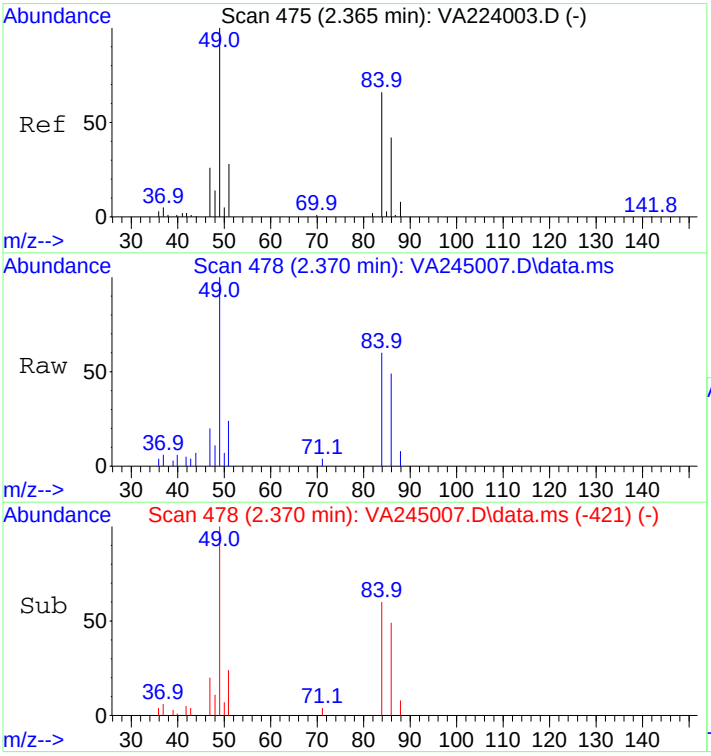
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245007.D
Acq On : 2 Sep 2011 7:25 am
Operator : MFF
Sample : B036682-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 30 14:38:35 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

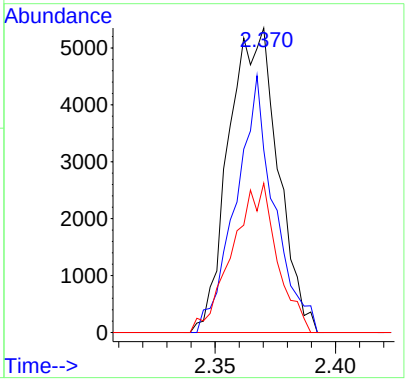




#21
METHYLENE CHLORIDE
Concen: 1.81 UG/L
RT: 2.370 min Scan# 478
Delta R.T. 0.006 min
Lab File: VA245007.D
Acq: 2 Sep 2011 7:25 am

Tgt Ion: 49 Resp: 7613

Ion	Ratio	Lower	Upper
49	100		
84	65.8	55.8	83.8
86	44.3	37.3	55.9



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B036681-BS1	File ID:	VA245004.D
Sampled:		Prepared:	09/02/11 05:36	Analyzed:	09/02/11 06:03
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.251	0.014	0.10	V-16
107-13-1	Acrylonitrile	0.0176	0.0051	0.0060	V-16
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0196	0.00070	0.0010	
71-43-2	Benzene	0.0198	0.00030	0.0020	
108-86-1	Bromobenzene	0.0214	0.00030	0.0020	
74-97-5	Bromochloromethane	0.0209	0.00050	0.0020	
75-27-4	Bromodichloromethane	0.0208	0.00040	0.0020	
75-25-2	Bromoform	0.0184	0.00040	0.0020	
74-83-9	Bromomethane	0.0137	0.00090	0.010	
78-93-3	2-Butanone (MEK)	0.197	0.0071	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)	0.174	0.0073	0.040	V-16
104-51-8	n-Butylbenzene	0.0210	0.00030	0.0020	
135-98-8	sec-Butylbenzene	0.0251	0.00030	0.0020	
98-06-6	tert-Butylbenzene	0.0261	0.00030	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0168	0.00040	0.0010	
75-15-0	Carbon Disulfide	0.0183	0.00040	0.0060	
56-23-5	Carbon Tetrachloride	0.0234	0.00050	0.0020	
108-90-7	Chlorobenzene	0.0218	0.00030	0.0020	
124-48-1	Chlorodibromomethane	0.0201	0.00040	0.0010	
75-00-3	Chloroethane	0.0209	0.00050	0.020	
67-66-3	Chloroform	0.0212	0.00030	0.0040	
74-87-3	Chloromethane	0.0155	0.00030	0.010	
95-49-8	2-Chlorotoluene	0.0227	0.00030	0.0020	
106-43-4	4-Chlorotoluene	0.0228	0.00030	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0178	0.0014	0.0040	
106-93-4	1,2-Dibromoethane (EDB)	0.0197	0.00040	0.0010	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B036681-BS1	File ID:	VA245004.D
Sampled:		Prepared:	09/02/11 05:36	Analyzed:	09/02/11 06:03
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0189	0.00040	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0223	0.00030	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0207	0.00030	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0205	0.00020	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0207	0.00090	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0175	0.00040	0.020	
75-34-3	1,1-Dichloroethane	0.0205	0.0011	0.0020	
107-06-2	1,2-Dichloroethane	0.0234	0.00040	0.0020	
75-35-4	1,1-Dichloroethylene	0.0211	0.00050	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0200	0.00030	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0223	0.00040	0.0020	
78-87-5	1,2-Dichloropropane	0.0204	0.0011	0.0020	
142-28-9	1,3-Dichloropropane	0.0219	0.00030	0.0010	
594-20-7	2,2-Dichloropropane	0.0224	0.00080	0.0020	
563-58-6	1,1-Dichloropropene	0.0220	0.0019	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0212	0.00040	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0239	0.00040	0.0010	
60-29-7	Diethyl Ether	0.0258	0.00040	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0179	0.00040	0.0010	
123-91-1	1,4-Dioxane	0.165	0.016	0.10	V-05, V-16
100-41-4	Ethylbenzene	0.0226	0.00030	0.0020	
87-68-3	Hexachlorobutadiene	0.0221	0.00040	0.0020	
591-78-6	2-Hexanone (MBK)	0.184	0.0061	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0272	0.00040	0.0020	L-02
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0259	0.00030	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0213	0.00040	0.0040	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B036681-BS1	File ID:	VA245004.D
Sampled:		Prepared:	09/02/11 05:36	Analyzed:	09/02/11 06:03
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0189	0.00060	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.176	0.0059	0.020	
91-20-3	Naphthalene	0.0131	0.00030	0.0040	V-05
103-65-1	n-Propylbenzene	0.0234	0.00030	0.0020	
100-42-5	Styrene	0.0229	0.00030	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0219	0.00030	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0190	0.00040	0.0010	
127-18-4	Tetrachloroethylene	0.0244	0.00050	0.0020	
109-99-9	Tetrahydrofuran	0.0213	0.0015	0.010	V-16
108-88-3	Toluene	0.0228	0.00040	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0144	0.00030	0.0020	V-05
120-82-1	1,2,4-Trichlorobenzene	0.0144	0.00040	0.0020	V-05
108-70-3	1,3,5-Trichlorobenzene	0.0173	0.00030	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0238	0.00050	0.0020	
79-00-5	1,1,2-Trichloroethane	0.0201	0.00030	0.0020	
79-01-6	Trichloroethylene	0.0229	0.00040	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0202	0.00050	0.010	
96-18-4	1,2,3-Trichloropropane	0.0169	0.00080	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0212	0.00060	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0237	0.00030	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0241	0.00040	0.0020	
75-01-4	Vinyl Chloride	0.0145	0.00050	0.010	
108383/106423	m+p Xylene	0.0444	0.00070	0.0040	
95-47-6	o-Xylene	0.0230	0.00040	0.0020	

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245004.D
Acq On : 2 Sep 2011 6:03 am
Operator : MFF
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 03 15:29:15 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.115	168	255711	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.788	114	311963	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.300	117	298468	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.259	152	153152	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.368	65	95539	26.30	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.20%				
48) TOLUENE SS	6.079	98	301571	26.66	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.64%				
68) 4-BROMOFLUROBENZENE SS	8.291	95	129457	26.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.08%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.079	85	37819	8.76	UG/L		97
4) DIFLUOROCHLOROMETHANE	1.085	51	39167	7.08	UG/L	#	84
5) CHLOROMETHANE	1.185	50	29743	7.73	UG/L		99
6) VINYL CHLORIDE	1.249	62	27484	7.27	UG/L		99
7) BROMOMETHANE	1.447	94	19095	6.85	UG/L		100
8) CHLOROETHANE	1.505	64	17782	10.45	UG/L		96
9) FLUORODICHLOROMETHANE	1.619	67	48654	7.41	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.664	101	66790	10.12	UG/L		96
11) DI ETHYL ETHER	1.844	74	9020	12.90	UG/L		95
12) ACETONE	2.034	58	9072	125.70	UG/L	#	46
13) 1,1,2TRICL-1,2,2TRIFLE...	2.000	101	35492	10.59	UG/L		99
14) 1,1-DICHLOROETHENE	2.006	96	29244	10.57	UG/L		88
15) IODOMETHANE	2.114	142	47027	10.22	UG/L		95
16) METHYL ACETATE	2.284	43	20391	10.07	UG/L		98
17) T-BUTYL ALCOHOL	2.459	59	10321	87.15	UG/L	#	96
18) ACRYLONITRILE	2.571	53	3688m	8.79	UG/L		
20) ALLYL CHLORIDE	2.167	76	83160	0.91	UG/L	#	100
21) METHYLENE CHLORIDE	2.362	49	40387	9.46	UG/L		98
22) CARBON DISULFIDE	2.167	76	83160	9.15	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.601	73	55751	10.65	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.598	96	29735	11.13	UG/L		88
25) 1,1-DICHLOROETHANE	3.002	63	54689	10.24	UG/L		99
27) VINYL ACETATE	3.063	43	297295	86.94	UG/L		96
28) DI ISOPROPYL ETHER	3.085	45	73336	8.95	UG/L		100
29) 2-BUTANONE	3.608	72	9337	98.42	UG/L		77
30) T-BUTYL ETHYL ETHER	3.461	59	63469	8.40	UG/L		97
31) CIS-1,2-DICHLOROETHENE	3.589	96	29479	10.01	UG/L		88
32) 2,2-DICHLOROPROPANE	3.586	77	66512	11.21	UG/L	#	89
34) ETHYL ACETATE	3.686	43	7988	6.46	UG/L	#	77
36) BROMOCHLOROMETHANE	3.820	128	12087	10.46	UG/L		88
37) TETRAHYDROFURAN	3.870	72	1521m	10.64	UG/L		
38) CHLOROFORM	3.906	83	61439	10.61	UG/L		99
39) 1,1,1-TRICHLOROETHANE	4.073	97	73362	11.91	UG/L		99
40) CYCLOHEXANE	4.126	56	55340	10.68	UG/L		94
41) CARBON TETRACHLORIDE	4.229	117	65842	11.69	UG/L		99
42) 1,1-DICHLOROPROPENE	4.232	75	51375	11.02	UG/L		95
44) BENZENE	4.421	78	106394	9.90	UG/L		100
45) T-AMYLMETHYL ETHER	4.543	73	49689	9.82	UG/L		98
47) METHYLCYCLOHEXANE	5.180	83	52087	11.69	UG/L	#	93
49) 1,2-DICHLOROETHANE	4.440	62	43053	11.71	UG/L	#	91
50) TRICHLOROETHENE	5.011	95	37272	11.46	UG/L		96
51) 1,2-DICHLOROPROPANE	5.208	63	22804	10.21	UG/L	#	94
52) DIBROMOMETHANE	5.305	93	12447	9.45	UG/L		98

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245004.D
Acq On : 2 Sep 2011 6:03 am
Operator : MFF
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 03 15:29:15 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

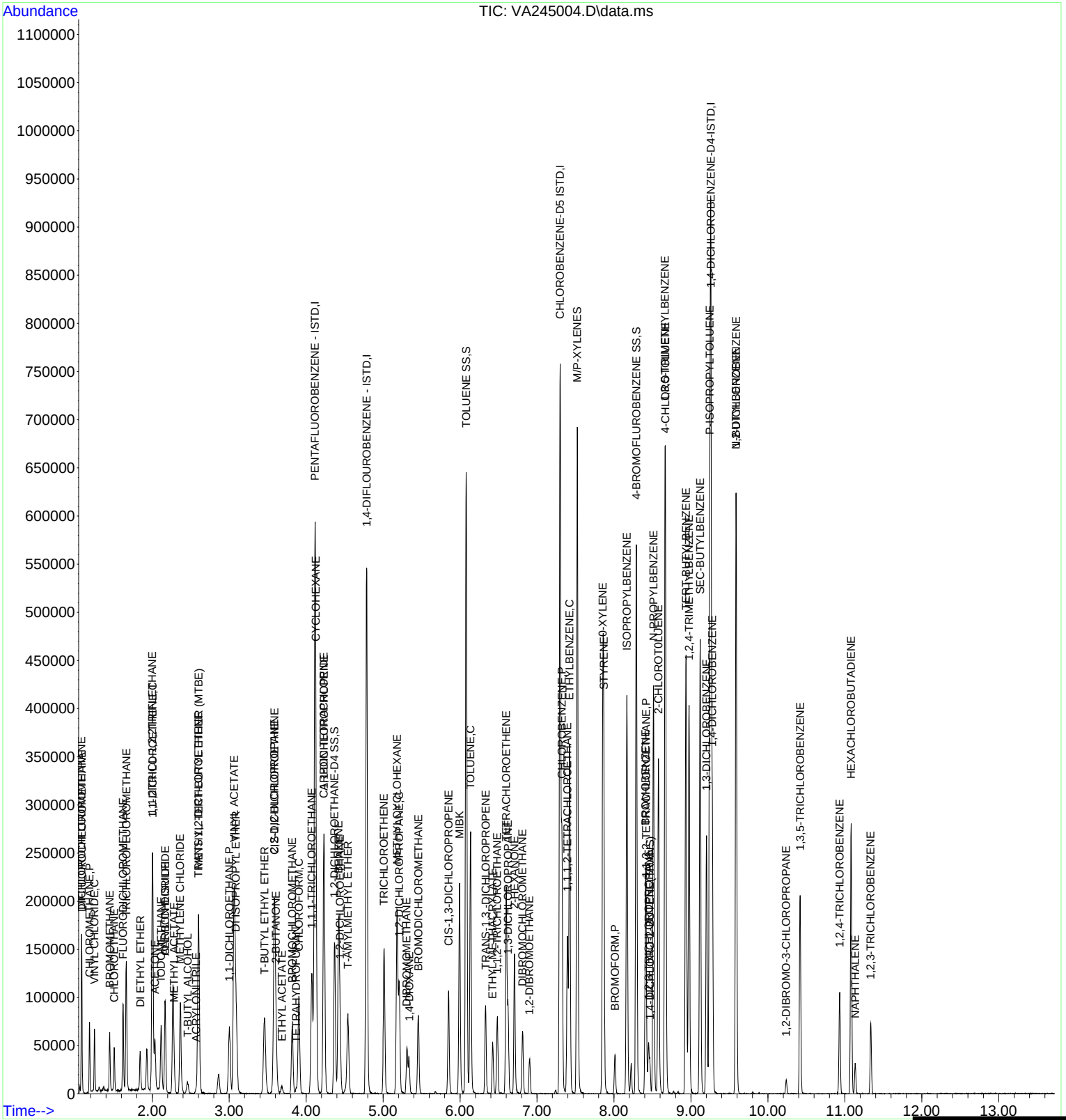
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) 1,4-DIOXANE	5.342	88	923	82.45 UG/L #	91
55) BROMODICHLOROMETHANE	5.458	83	39195	10.40 UG/L	97
56) MIBK	5.993	43	102638	87.78 UG/L	94
57) CIS-1,3-DICHLOROPROPENE	5.851	75	37475	10.60 UG/L #	81
58) TOLUENE	6.135	92	80199	11.42 UG/L	99
59) TRANS-1,3,-DICHLOROPRO...	6.335	75	33166	11.95 UG/L	91
60) ETHYL METHACRYLATE	6.421	69	16409	10.27 UG/L #	100
61) 1,1,2-TRICHLOROETHANE	6.482	83	12938	10.07 UG/L	96
62) 2-HEXANONE	6.708	43	69326	92.00 UG/L	92
63) TETRACHLOROETHENE	6.599	164	36545	12.21 UG/L	97
64) 1,3-DICHLOROPROPANE	6.621	76	28328	10.96 UG/L	100
65) DIBROMOCHLOROMETHANE	6.811	129	25456	10.04 UG/L	97
66) 1,2-DIBROMOETHANE	6.902	107	18154	9.87 UG/L	98
69) CHLOROBENZENE	7.322	112	89417	10.89 UG/L	95
70) 1,1,1,2-TETRACHLOROETHANE	7.395	131	35270	10.94 UG/L	95
71) ETHYLBENZENE	7.423	91	184300	11.32 UG/L	95
72) M/P-XYLENES	7.523	106	136320	22.19 UG/L	85
73) 0-XYLENE	7.854	106	62757	11.51 UG/L	83
74) STYRENE	7.868	104	99495	11.44 UG/L #	84
75) BROMOFORM	8.015	173	13921	9.19 UG/L #	96
76) ISOPROPYLBENZENE	8.168	105	207881	13.60 UG/L	95
77) 1,1,2,2-TETRACHLOROETHANE	8.419	83	17896	9.48 UG/L	96
78) 1,4-DICHLORO-2-BUTENE(...	8.469	53	4718	10.36 UG/L #	90
79) BROMOBENZENE	8.410	156	41838	10.72 UG/L	98
80) 1,2,3-TRICHLOROPROPANE	8.452	75	17716	8.45 UG/L	98
81) N-PROPYLBENZENE	8.513	91	232222	11.71 UG/L	97
82) 2-CHLOROT0LUENE	8.577	91	135538	11.33 UG/L	95
83) 1,3,5-TRIMETHYLBENZENE	8.663	105	177731	12.05 UG/L	93
84) 4-CHLOROTOLUENE	8.669	91	156581	11.42 UG/L	94
86) TERT-BUTYLBENZENE	8.936	119	167411	13.04 UG/L	92
87) 1,2,4-TRIMETHYLBENZENE	8.975	105	168317	11.85 UG/L	93
88) SEC-BUTYLBENZENE	9.120	105	236169	12.55 UG/L	97
89) 1,3-DICHLOROBENZENE	9.203	146	79525	10.36 UG/L	97
90) P-ISOPROPYLTOLUENE	9.245	119	194948	12.94 UG/L	94
91) 1,4-DICHLOROBENZENE	9.278	146	79211	10.25 UG/L	97
92) N-BUTYLBENZENE	9.584	91	158456	10.48 UG/L	98
93) 1,2-DICHLOROBENZENE	9.587	146	69612	11.15 UG/L	98
94) 1,2-DIBROMO-3-CHLOROPR...	10.235	75	2780	8.90 UG/L	88
95) 1,3,5-TRICHLOROBENZENE	10.419	180	48054	8.67 UG/L	99
96) 1,2,4-TRICHLOROBENZENE	10.934	180	23901	7.20 UG/L	98
97) HEXACHLOROBUTADIENE	11.081	225	45655	11.05 UG/L	100
98) NAPHTHALENE	11.134	128	18137	6.54 UG/L	100
99) 1,2,3-TRICHLOROBENZENE	11.334	180	16960	7.20 UG/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245004.D
Acq On : 2 Sep 2011 6:03 am
Operator : MFF
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 03 15:29:15 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B036681-BSD1	File ID:	VA245005.D
Sampled:		Prepared:	09/02/11 05:36	Analyzed:	09/02/11 06:31
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.215	0.014	0.10	V-16
107-13-1	Acrylonitrile	0.0170	0.0051	0.0060	V-16
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0201	0.00070	0.0010	
71-43-2	Benzene	0.0205	0.00030	0.0020	
108-86-1	Bromobenzene	0.0218	0.00030	0.0020	
74-97-5	Bromochloromethane	0.0204	0.00050	0.0020	
75-27-4	Bromodichloromethane	0.0200	0.00040	0.0020	
75-25-2	Bromoform	0.0186	0.00040	0.0020	
74-83-9	Bromomethane	0.0153	0.00090	0.010	
78-93-3	2-Butanone (MEK)	0.187	0.0071	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)	0.176	0.0073	0.040	V-16
104-51-8	n-Butylbenzene	0.0222	0.00030	0.0020	
135-98-8	sec-Butylbenzene	0.0261	0.00030	0.0020	L-07
98-06-6	tert-Butylbenzene	0.0276	0.00030	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0165	0.00040	0.0010	
75-15-0	Carbon Disulfide	0.0181	0.00040	0.0060	
56-23-5	Carbon Tetrachloride	0.0240	0.00050	0.0020	
108-90-7	Chlorobenzene	0.0229	0.00030	0.0020	
124-48-1	Chlorodibromomethane	0.0195	0.00040	0.0010	
75-00-3	Chloroethane	0.0209	0.00050	0.020	
67-66-3	Chloroform	0.0212	0.00030	0.0040	
74-87-3	Chloromethane	0.0156	0.00030	0.010	
95-49-8	2-Chlorotoluene	0.0234	0.00030	0.0020	
106-43-4	4-Chlorotoluene	0.0242	0.00030	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0188	0.0014	0.0040	
106-93-4	1,2-Dibromoethane (EDB)	0.0193	0.00040	0.0010	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B036681-BSD1	File ID:	VA245005.D
Sampled:		Prepared:	09/02/11 05:36	Analyzed:	09/02/11 06:31
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0193	0.00040	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0231	0.00030	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0223	0.00030	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0214	0.00020	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0189	0.00090	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0175	0.00040	0.020	
75-34-3	1,1-Dichloroethane	0.0206	0.0011	0.0020	
107-06-2	1,2-Dichloroethane	0.0235	0.00040	0.0020	
75-35-4	1,1-Dichloroethylene	0.0223	0.00050	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0201	0.00030	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0235	0.00040	0.0020	
78-87-5	1,2-Dichloropropane	0.0206	0.0011	0.0020	
142-28-9	1,3-Dichloropropane	0.0218	0.00030	0.0010	
594-20-7	2,2-Dichloropropane	0.0226	0.00080	0.0020	
563-58-6	1,1-Dichloropropene	0.0221	0.0019	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0213	0.00040	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0238	0.00040	0.0010	
60-29-7	Diethyl Ether	0.0251	0.00040	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0181	0.00040	0.0010	
123-91-1	1,4-Dioxane	0.179	0.016	0.10	V-05, V-16
100-41-4	Ethylbenzene	0.0235	0.00030	0.0020	
87-68-3	Hexachlorobutadiene	0.0231	0.00040	0.0020	
591-78-6	2-Hexanone (MBK)	0.171	0.0061	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0291	0.00040	0.0020	L-02
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0277	0.00030	0.0020	L-07
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0210	0.00040	0.0040	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B036681-BSD1	File ID:	VA245005.D
Sampled:		Prepared:	09/02/11 05:36	Analyzed:	09/02/11 06:31
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B036681	Sequence:	S001097	Calibration:	1100032
Instrument:	GCMSVOA1				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0187	0.00060	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.170	0.0059	0.020	
91-20-3	Naphthalene	0.0133	0.00030	0.0040	V-05
103-65-1	n-Propylbenzene	0.0241	0.00030	0.0020	
100-42-5	Styrene	0.0240	0.00030	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0228	0.00030	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0182	0.00040	0.0010	
127-18-4	Tetrachloroethylene	0.0243	0.00050	0.0020	
109-99-9	Tetrahydrofuran	0.0179	0.0015	0.010	V-16
108-88-3	Toluene	0.0229	0.00040	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0147	0.00030	0.0020	V-05
120-82-1	1,2,4-Trichlorobenzene	0.0148	0.00040	0.0020	V-05
108-70-3	1,3,5-Trichlorobenzene	0.0181	0.00030	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0237	0.00050	0.0020	
79-00-5	1,1,2-Trichloroethane	0.0204	0.00030	0.0020	
79-01-6	Trichloroethylene	0.0227	0.00040	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0202	0.00050	0.010	
96-18-4	1,2,3-Trichloropropane	0.0167	0.00080	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0213	0.00060	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0249	0.00030	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0256	0.00040	0.0020	
75-01-4	Vinyl Chloride	0.0146	0.00050	0.010	
108383/106423	m+p Xylene	0.0467	0.00070	0.0040	
95-47-6	o-Xylene	0.0245	0.00040	0.0020	

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245005.D
Acq On : 2 Sep 2011 6:31 am
Operator : MFF
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 15:29:51 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.115	168	261172	30.00	UG/L		0.00
46) 1,4-DIFLOUROBENZENE - ...	4.786	114	323127	30.00	UG/L		0.00
67) CHLOROBENZENE-D5 ISTD	7.298	117	291260	30.00	UG/L		0.00
85) 1,4-DICHLOROBENZENE-D4...	9.256	152	146873	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.368	65	94224	25.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.60%				
48) TOLUENE SS	6.079	98	304888	26.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.08%				
68) 4-BROMOFLUROBENZENE SS	8.291	95	123580	26.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.76%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.080	85	38465	8.73	UG/L		99
4) DIFLUOROCHLOROMETHANE	1.083	51	40552	7.17	UG/L	#	85
5) CHLOROMETHANE	1.186	50	30739	7.82	UG/L		99
6) VINYL CHLORIDE	1.250	62	28089	7.28	UG/L		99
7) BROMOMETHANE	1.447	94	21733	7.63	UG/L		91
8) CHLOROETHANE	1.505	64	18149	10.45	UG/L		93
9) FLUORODICHLOROMETHANE	1.620	67	51083	7.61	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.661	101	67960	10.08	UG/L		97
11) DI ETHYL ETHER	1.845	74	8954	12.53	UG/L		98
12) ACETONE	2.034	58	7925	107.51	UG/L	#	28
13) 1,1,2TRICL-1,2,2TRIFLE...	2.003	101	36470	10.66	UG/L		99
14) 1,1-DICHLOROETHENE	2.003	96	31540	11.16	UG/L		93
15) IODOMETHANE	2.115	142	43521	9.26	UG/L		96
16) METHYL ACETATE	2.287	43	19713	9.53	UG/L	#	97
17) T-BUTYL ALCOHOL	2.457	59	10616	87.76	UG/L	#	99
18) ACRYLONITRILE	2.574	53	3635m	8.48	UG/L		
20) ALLYL CHLORIDE	2.165	76	84174	0.91	UG/L	#	100
21) METHYLENE CHLORIDE	2.365	49	40845	9.36	UG/L		99
22) CARBON DISULFIDE	2.165	76	84174	9.06	UG/L		99
23) METHYL TERT-BUTYL ETHE...	2.602	73	56119	10.50	UG/L		100
24) TRANS 1,2-DICHLOROETHENE	2.602	96	32056	11.74	UG/L		93
25) 1,1-DICHLOROETHANE	3.002	63	56217	10.31	UG/L		98
27) VINYL ACETATE	3.063	43	299956	85.89	UG/L		97
28) DI ISOPROPYL ETHER	3.088	45	75638	9.03	UG/L		98
29) 2-BUTANONE	3.614	72	9075	93.65	UG/L		71
30) T-BUTYL ETHYL ETHER	3.458	59	63734	8.26	UG/L		96
31) CIS-1,2-DICHLOROETHENE	3.592	96	30253	10.06	UG/L		86
32) 2,2-DICHLOROPROPANE	3.586	77	68572	11.32	UG/L	#	89
34) ETHYL ACETATE	3.684	43	7864	6.23	UG/L	#	77
36) BROMOCHLOROMETHANE	3.820	128	12029	10.19	UG/L		91
37) TETRAHYDROFURAN	3.879	72	1304m	8.93	UG/L		
38) CHLOROFORM	3.906	83	62590	10.59	UG/L		99
39) 1,1,1-TRICHLOROETHANE	4.073	97	74513	11.84	UG/L		97
40) CYCLOHEXANE	4.123	56	56752	10.72	UG/L	#	90
41) CARBON TETRACHLORIDE	4.232	117	69106	12.02	UG/L		99
42) 1,1-DICHLOROPROPENE	4.235	75	52714	11.07	UG/L		96
44) BENZENE	4.424	78	112635	10.26	UG/L		100
45) T-AMYLMETHYL ETHER	4.541	73	51887	10.04	UG/L		96
47) METHYLCYCLOHEXANE	5.183	83	55761	12.08	UG/L		96
49) 1,2-DICHLOROETHANE	4.438	62	44837	11.77	UG/L	#	92
50) TRICHLOROETHENE	5.011	95	38326	11.37	UG/L		97
51) 1,2-DICHLOROPROPANE	5.208	63	23829	10.30	UG/L	#	93
52) DIBROMOMETHANE	5.309	93	13178	9.66	UG/L		97

Data Path : V:\1\DATA\090211\
Data File : VA245005.D
Acq On : 2 Sep 2011 6:31 am
Operator : MFF
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 15:29:51 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration

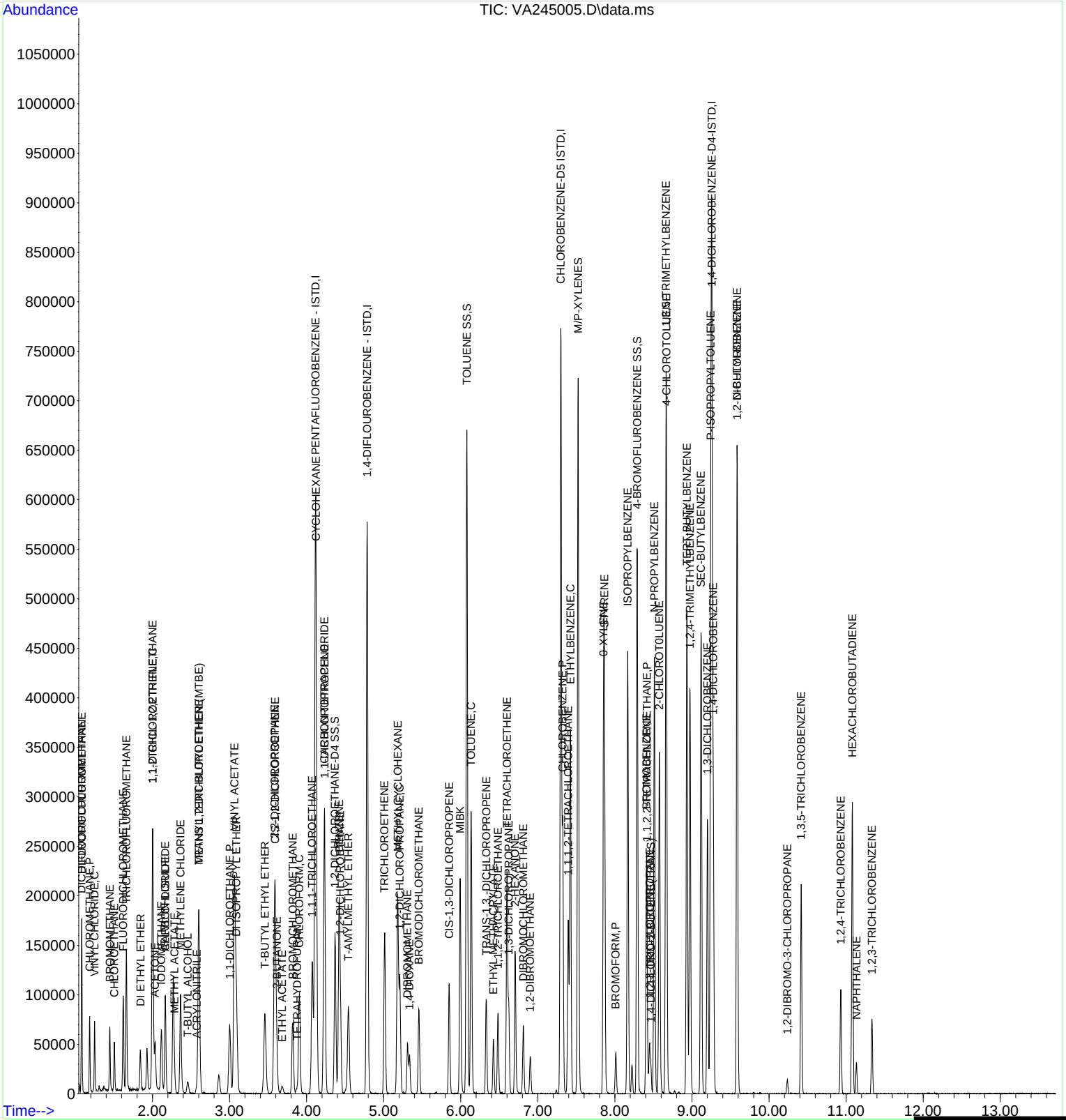
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 1,4-DIOXANE	5.336	88	1051	89.40	UG/L		92
55) BROMODICHLOROMETHANE	5.456	83	39045	10.00	UG/L		99
56) MIBK	5.993	43	103103	85.13	UG/L		94
57) CIS-1,3-DICHLOROPROPENE	5.851	75	38988	10.65	UG/L	#	81
58) TOLUENE	6.135	92	83357	11.46	UG/L		98
59) TRANS-1,3,-DICHLOROPRO...	6.332	75	34198	11.89	UG/L	#	90
60) ETHYL METHACRYLATE	6.424	69	16368	9.89	UG/L	#	100
61) 1,1,2-TRICHLOROETHANE	6.483	83	13602	10.22	UG/L		99
62) 2-HEXANONE	6.705	43	66794	85.58	UG/L		93
63) TETRACHLOROETHENE	6.602	164	37708	12.16	UG/L		97
64) 1,3-DICHLOROPROPANE	6.622	76	29237	10.92	UG/L		100
65) DIBROMOCHLOROMETHANE	6.814	129	25650	9.76	UG/L		99
66) 1,2-DIBROMOETHANE	6.900	107	18382	9.65	UG/L		99
69) CHLOROBENZENE	7.323	112	91695	11.45	UG/L		95
70) 1,1,1,2-TETRACHLOROETHANE	7.395	131	35813	11.38	UG/L		96
71) ETHYLBENZENE	7.423	91	186430	11.73	UG/L		95
72) M/P-XYLENES	7.523	106	139906	23.34	UG/L		85
73) 0-XYLENE	7.851	106	65132	12.24	UG/L		84
74) STYRENE	7.865	104	101837	11.99	UG/L	#	85
75) BROMOFORM	8.010	173	13781	9.32	UG/L	#	97
76) ISOPROPYLBENZENE	8.166	105	217379	14.57	UG/L		96
77) 1,1,2,2-TETRACHLOROETHANE	8.416	83	16798	9.12	UG/L	#	95
78) 1,4-DICHLORO-2-BUTENE(...	8.469	53	4194	9.44	UG/L	#	94
79) BROMOBENZENE	8.411	156	41508	10.89	UG/L		99
80) 1,2,3-TRICHLOROPROPANE	8.452	75	17107	8.36	UG/L		97
81) N-PROPYLBENZENE	8.514	91	233324	12.05	UG/L		97
82) 2-CHLOROT0LUENE	8.575	91	136618	11.71	UG/L		94
83) 1,3,5-TRIMETHYLBENZENE	8.664	105	184051	12.79	UG/L		91
84) 4-CHLOROTOLUENE	8.669	91	162052	12.11	UG/L		95
86) TERT-BUTYLBENZENE	8.934	119	170124	13.81	UG/L		92
87) 1,2,4-TRIMETHYLBENZENE	8.975	105	169908	12.47	UG/L		96
88) SEC-BUTYLBENZENE	9.117	105	235724	13.06	UG/L		99
89) 1,3-DICHLOROBENZENE	9.201	146	81902	11.13	UG/L		98
90) P-ISOPROPYLTOLUENE	9.243	119	200336	13.86	UG/L		94
91) 1,4-DICHLOROBENZENE	9.276	146	79232	10.69	UG/L		97
92) N-BUTYLBENZENE	9.585	91	161797	11.08	UG/L		97
93) 1,2-DICHLOROBENZENE	9.588	146	69218	11.56	UG/L		97
94) 1,2-DIBROMO-3-CHLOROPR...	10.239	75	2816	9.40	UG/L	#	82
95) 1,3,5-TRICHLOROBENZENE	10.417	180	48400	9.05	UG/L		99
96) 1,2,4-TRICHLOROBENZENE	10.931	180	23786	7.40	UG/L		98
97) HEXACHLOROBUTADIENE	11.082	225	46077	11.57	UG/L		99
98) NAPHTHALENE	11.137	128	17989	6.65	UG/L		100
99) 1,2,3-TRICHLOROBENZENE	11.335	180	16853	7.37	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : V:\1\DATA\090211\
Data File : VA245005.D
Acq On : 2 Sep 2011 6:31 am
Operator : MFF
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 15:29:51 2011
Quant Method : C:\HPCHEM\1\METHODS\V0801S11.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Tue Aug 02 08:06:38 2011
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036708-BLK1	File ID:	VB245033.D
Sampled:		Prepared:	09/02/11 10:44	Analyzed:	09/03/11 02:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	5.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036708-BLK1	File ID:	VB245033.D
Sampled:		Prepared:	09/02/11 10:44	Analyzed:	09/03/11 02:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036708-BLK1	File ID:	VB245033.D
Sampled:		Prepared:	09/02/11 10:44	Analyzed:	09/03/11 02:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245033.D
Acq On : 3 Sep 2011 2:29 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 07 15:05:53 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

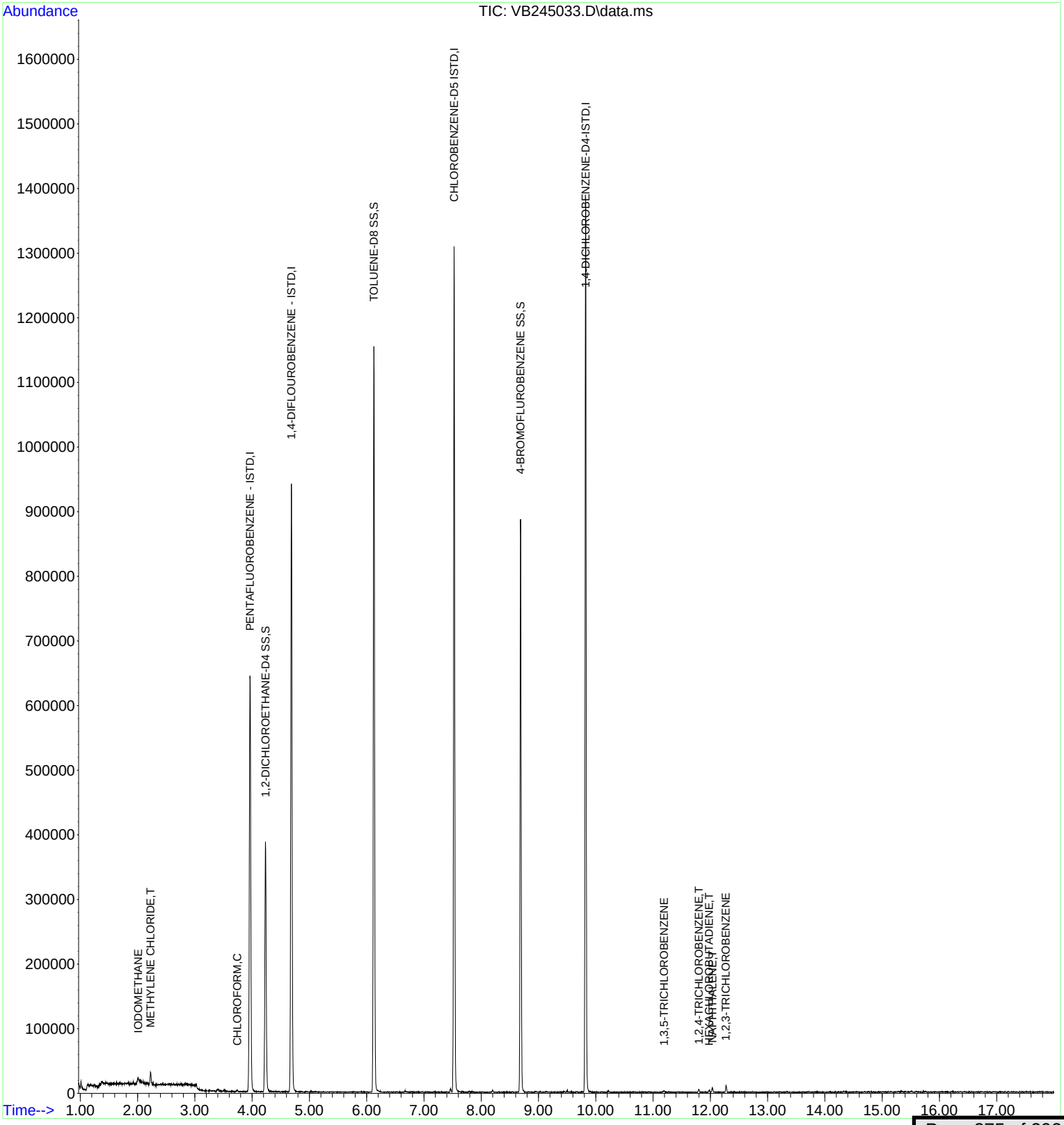
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	364059	30.00	UG/L	0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	593039	30.00	UG/L	0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	320357	30.00	UG/L	0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	276280	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	244835	26.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.96%			
42) TOLUENE-D8 SS	6.126	98	606632	25.06	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.24%			
63) 4-BROMOFLUROBENZENE SS	8.686	95	240663	24.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.44%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.377	94	2379	Below Cal	#	79
8) CHLOROETHANE	1.333	64	529	Below Cal	#	42
16) IODOMETHANE	2.013	142	19610	2.84	UG/L #	80
20) METHYLENE CHLORIDE	2.228	49	8095	1.14	UG/L	86
34) CHLOROFORM	3.742	83	1355	0.14	UG/L	100
91) 1,3,5-TRICHLOROBENZENE	11.191	180	929	0.16	UG/L #	56
92) 1,2,4-TRICHLOROBENZENE	11.801	180	1563	0.31	UG/L #	77
93) HEXACHLOROBUTADIENE	11.980	225	711	0.34	UG/L #	24
94) NAPHTHALENE	12.038	128	4389	0.40	UG/L #	81
95) 1,2,3-TRICHLOROBENZENE	12.273	180	2675	0.72	UG/L	86

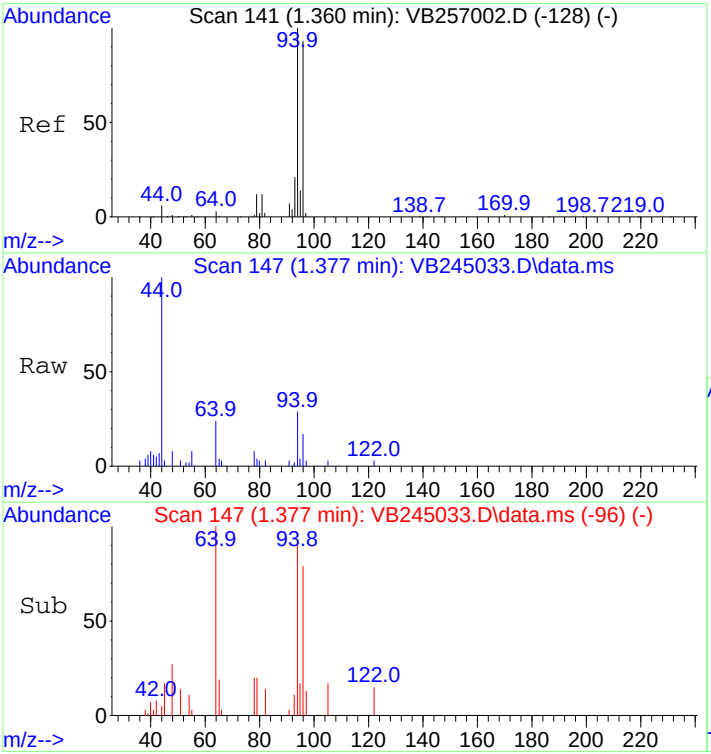
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245033.D
Acq On : 3 Sep 2011 2:29 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 07 15:05:53 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

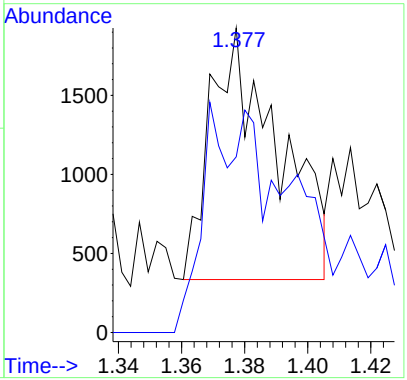


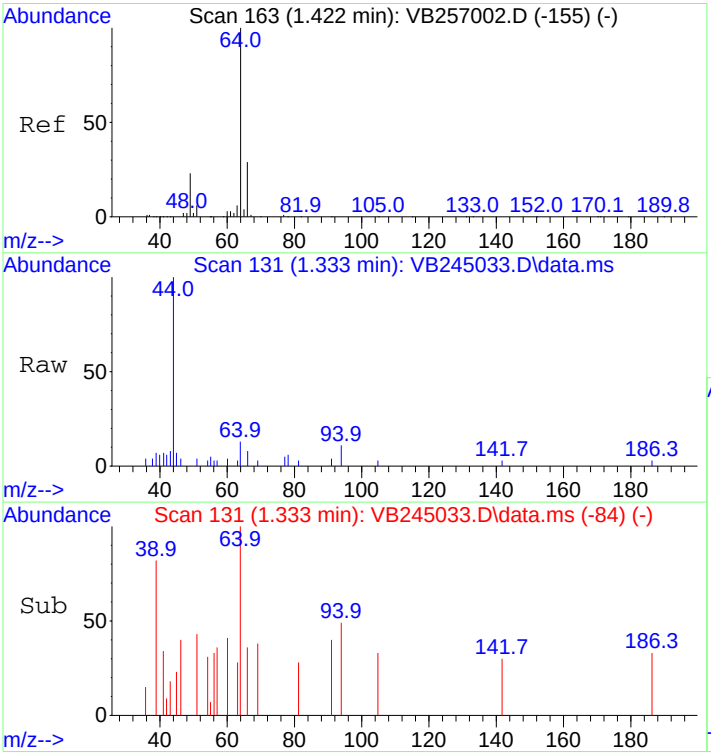


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.377 min Scan# 147
Delta R.T. 0.020 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion: 94 Resp: 2379

Ion	Ratio	Lower	Upper
94	100		
96	111.4	73.4	110.2#

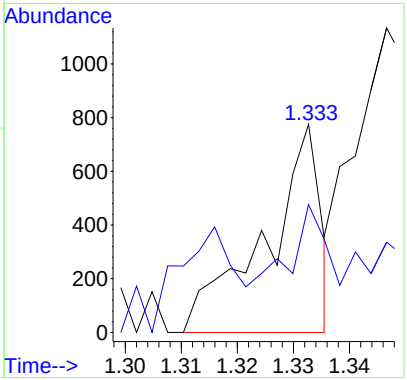


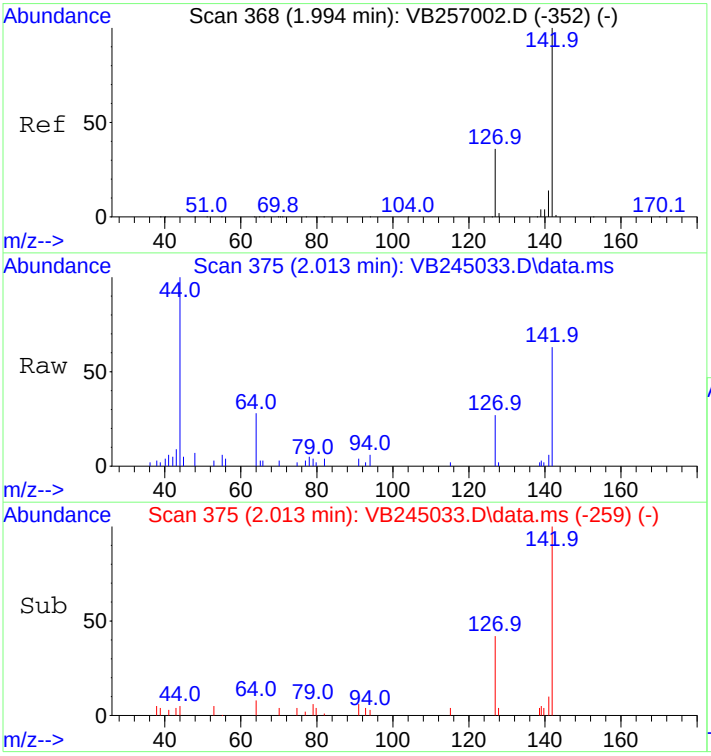


#8
CHLOROETHANE
Concen: Below Cal
RT: 1.333 min Scan# 131
Delta R.T. -0.083 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion: 64 Resp: 529

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.2	39.2#

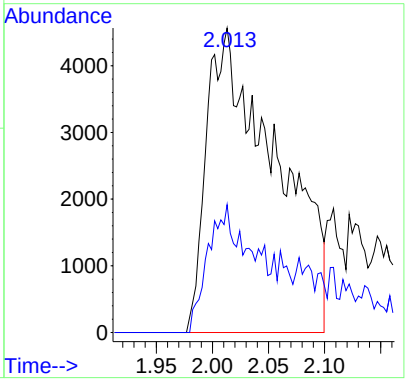


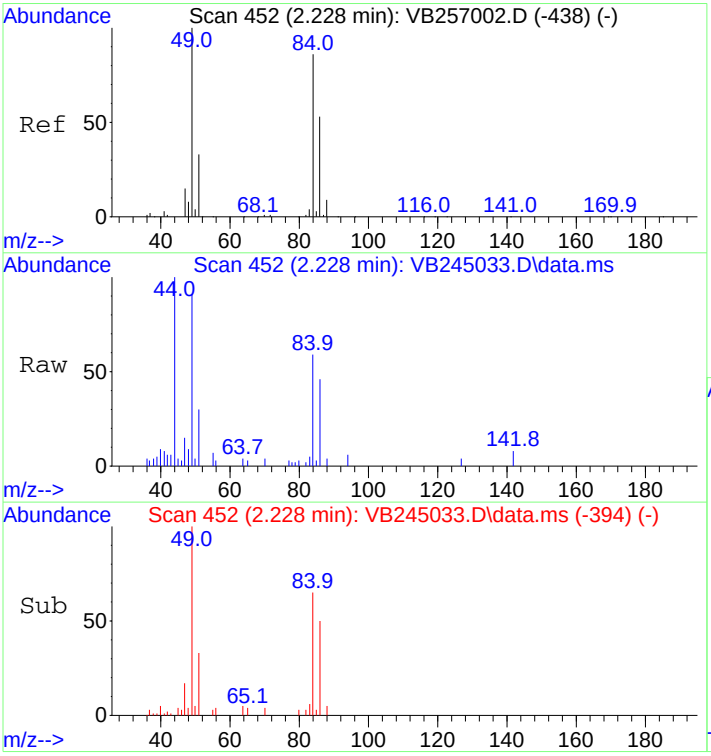


#16
IODOMETHANE
Concen: 2.84 UG/L
RT: 2.013 min Scan# 375
Delta R.T. 0.023 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion:142 Resp: 19610

Ion	Ratio	Lower	Upper
142	100		
127	26.6	30.7	46.1#

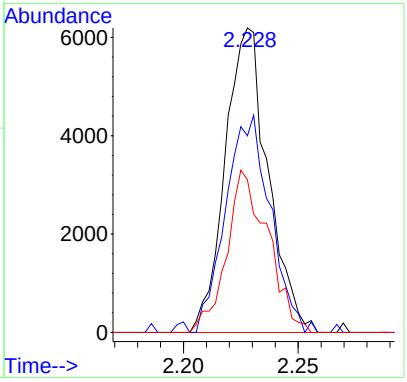


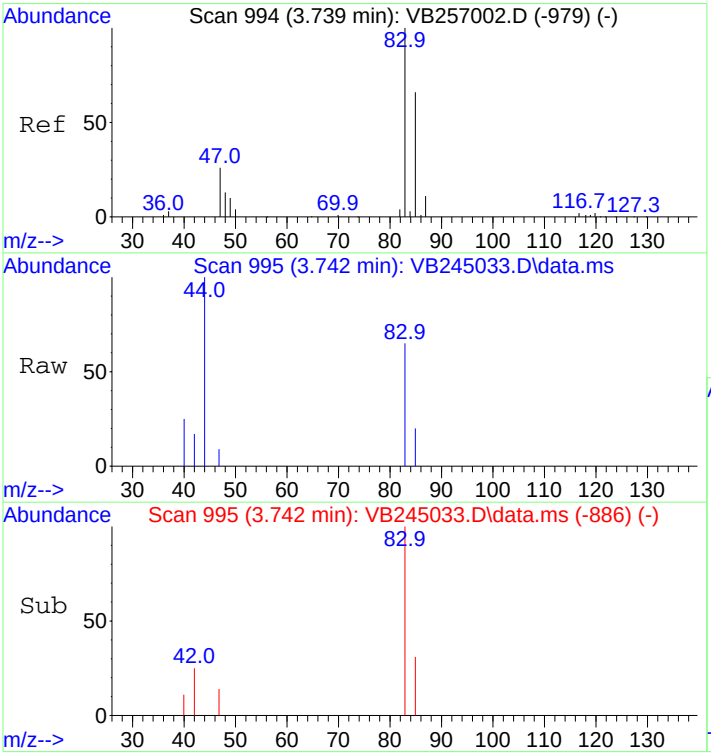


#20
METHYLENE CHLORIDE
Concen: 1.14 UG/L
RT: 2.228 min Scan# 452
Delta R.T. 0.003 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion: 49 Resp: 8095

Ion	Ratio	Lower	Upper
49	100		
84	73.9	72.5	108.7
86	50.9	46.3	69.5

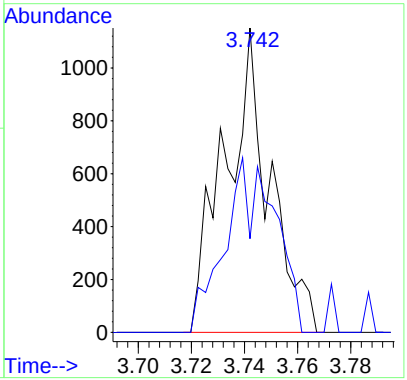


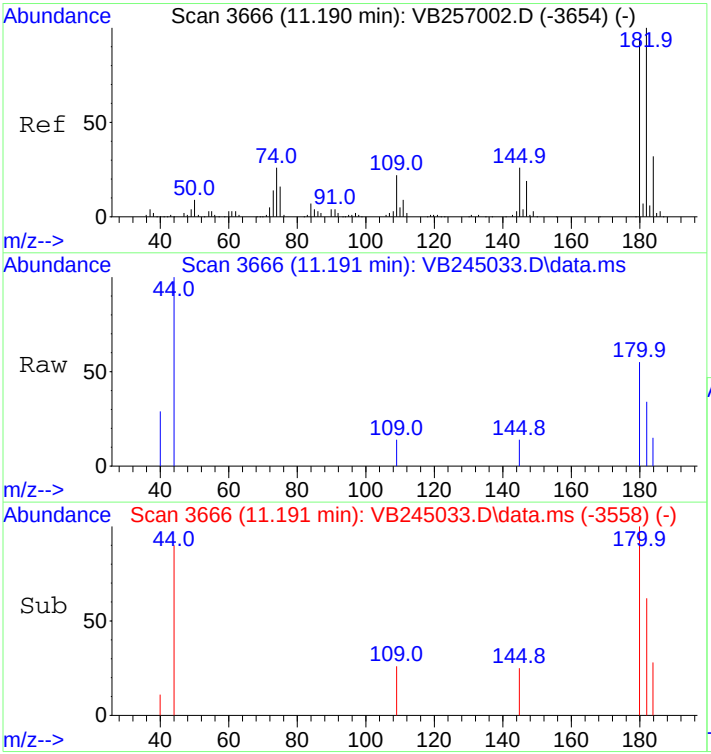


#34
CHLOROFORM
Concen: 0.14 UG/L
RT: 3.742 min Scan# 995
Delta R.T. 0.003 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion: 83 Resp: 1355

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.6	77.4

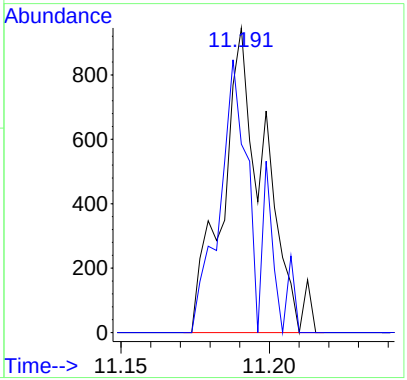


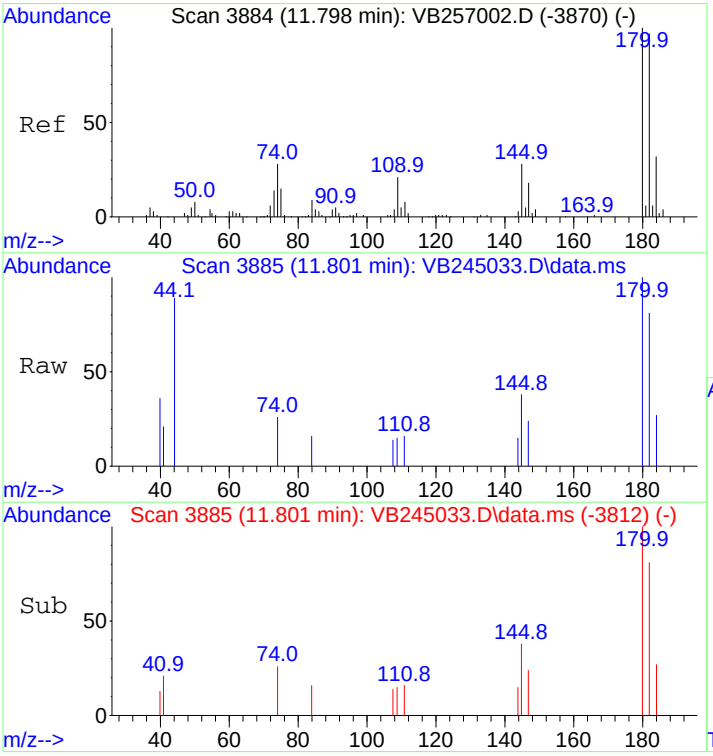


#91
1,3,5-TRICHLOROBENZENE
Concen: 0.16 UG/L
RT: 11.191 min Scan# 3666
Delta R.T. 0.000 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion:180 Resp: 929

Ion	Ratio	Lower	Upper
180	100		
182	57.3	80.9	121.3#

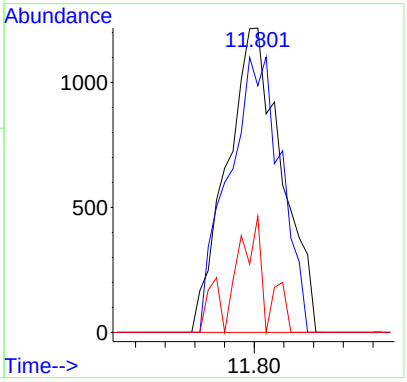


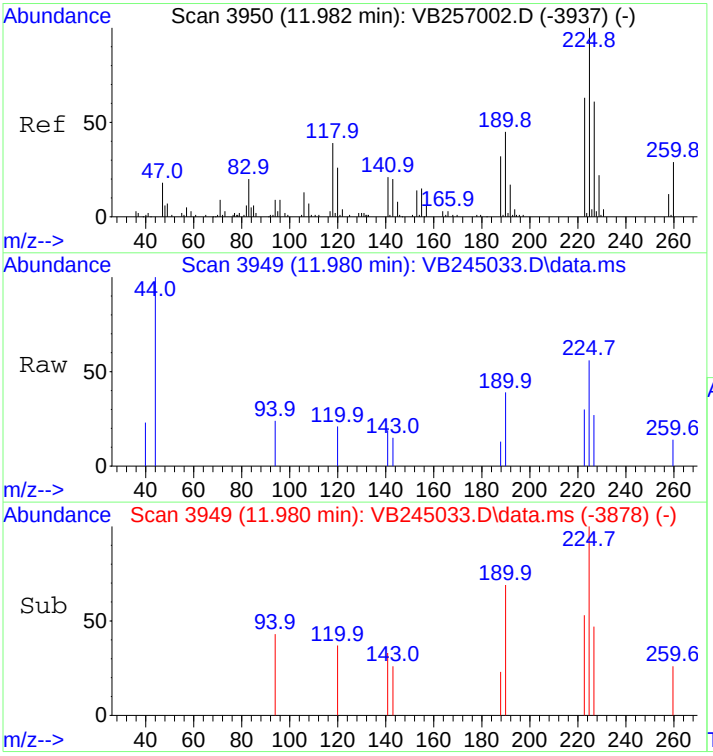


#92
1,2,4-TRICHLOROBENZENE
Concen: 0.31 UG/L
RT: 11.801 min Scan# 3885
Delta R.T. 0.003 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion:180 Resp: 1563

Ion	Ratio	Lower	Upper
180	100		
182	87.3	81.3	121.9
145	0.0	23.8	35.6#

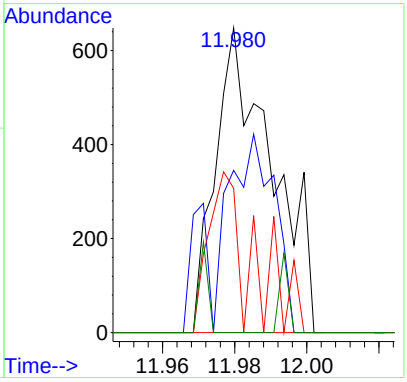


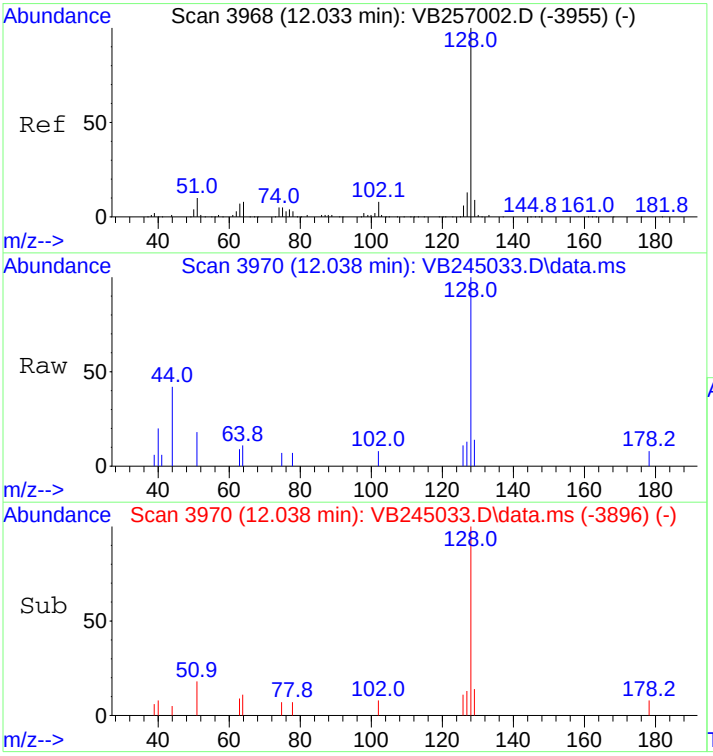


#93
HEXACHLOROBUTADIENE
Concen: 0.34 UG/L
RT: 11.980 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion:225 Resp: 711

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	0.0	50.6	76.0#
260	0.0	22.2	33.4#

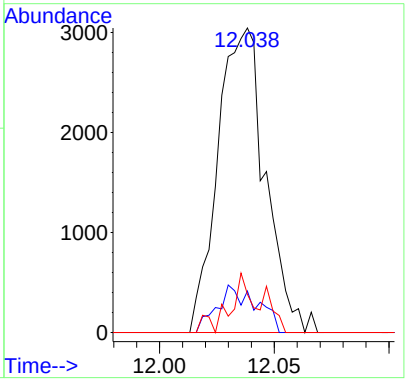


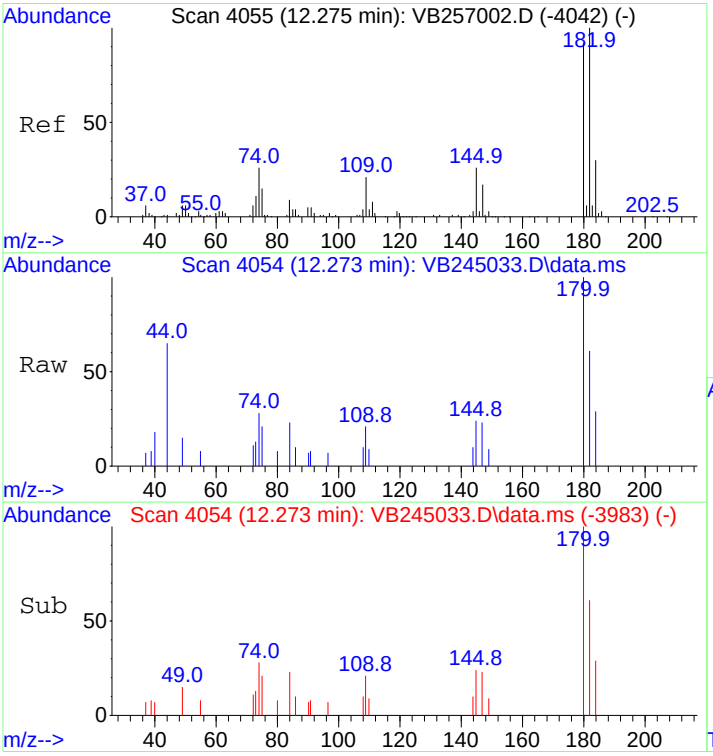


#94
NAPHTHALENE
Concen: 0.40 UG/L
RT: 12.038 min Scan# 3970
Delta R.T. 0.006 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion:128 Resp: 4389

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.7	13.1
127	0.0	9.9	14.9#

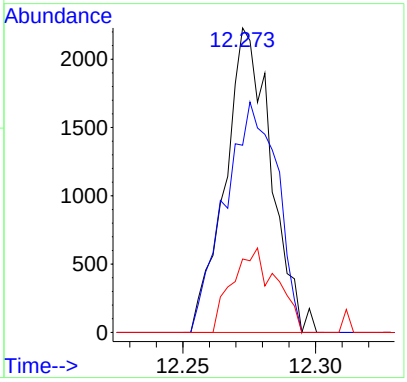




#95
1,2,3-TRICHLOROBENZENE
Concen: 0.72 UG/L
RT: 12.273 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VB245033.D
Acq: 3 Sep 2011 2:29 am

Tgt Ion:180 Resp: 2675

Ion	Ratio	Lower	Upper
180	100		
182	86.3	81.5	122.3
145	26.6	25.2	37.8



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036708-BS1	File ID:	VB245030.D
Sampled:		Prepared:	09/02/11 10:44	Analyzed:	09/03/11 00:53
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	105	0.54	50	
107-13-1	Acrylonitrile	11.2	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	9.50	0.11	0.50	
71-43-2	Benzene	10.4	0.050	1.0	
108-86-1	Bromobenzene	10.3	0.10	1.0	
74-97-5	Bromochloromethane	10.6	0.10	1.0	
75-27-4	Bromodichloromethane	10.6	0.080	0.50	
75-25-2	Bromoform	8.39	0.25	1.0	
74-83-9	Bromomethane	5.09	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	98.4	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	89.8	3.5	20	
104-51-8	n-Butylbenzene	10.0	0.050	1.0	
135-98-8	sec-Butylbenzene	10.5	0.050	1.0	
98-06-6	tert-Butylbenzene	10.5	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	8.48	0.070	0.50	
75-15-0	Carbon Disulfide	11.4	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.91	0.090	5.0	
108-90-7	Chlorobenzene	10.2	0.050	1.0	
124-48-1	Chlorodibromomethane	8.54	0.12	0.50	
75-00-3	Chloroethane	9.44	0.33	5.0	
67-66-3	Chloroform	9.91	0.040	2.0	
74-87-3	Chloromethane	9.16	0.13	2.0	
95-49-8	2-Chlorotoluene	10.2	0.050	1.0	
106-43-4	4-Chlorotoluene	10.3	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.21	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.7	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036708-BS1	File ID:	VB245030.D
Sampled:		Prepared:	09/02/11 10:44	Analyzed:	09/03/11 00:53
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.8	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.5	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.4	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.1	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	6.62	0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	7.58	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	11.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.8	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.8	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.0	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	13.1	0.070	1.0	L-07, V-20
78-87-5	1,2-Dichloropropane	10.6	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.3	0.080	0.50	
594-20-7	2,2-Dichloropropane	6.74	0.13	1.0	V-05
563-58-6	1,1-Dichloropropene	10.7	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.1	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.1	0.12	0.50	V-20
60-29-7	Diethyl Ether	12.0	0.10	2.0	V-20
108-20-3	Diisopropyl Ether (DIPE)	11.2	0.030	0.50	
123-91-1	1,4-Dioxane	89.8	3.5	50	V-16
100-41-4	Ethylbenzene	10.2	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.4	0.26	0.50	
591-78-6	2-Hexanone (MBK)	98.6	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.9	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.7	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.9	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036708-BS1	File ID:	VB245030.D
Sampled:		Prepared:	09/02/11 10:44	Analyzed:	09/03/11 00:53
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	12.1	2.3	5.0	V-20
108-10-1	4-Methyl-2-pentanone (MIBK)	102	0.22	10	
91-20-3	Naphthalene	11.2	0.21	2.0	
103-65-1	n-Propylbenzene	10.2	0.040	1.0	
100-42-5	Styrene	9.95	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.31	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.2	0.18	0.50	
127-18-4	Tetrachloroethylene	10.1	0.14	1.0	
109-99-9	Tetrahydrofuran	8.72	1.0	10	
108-88-3	Toluene	10.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	11.0	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.4	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.49	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.4	0.080	1.0	
79-01-6	Trichloroethylene	10.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.72	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.27	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.4	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.4	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.96	0.060	1.0	
75-01-4	Vinyl Chloride	8.55	0.16	2.0	
108383/106423	m+p Xylene	20.7	0.070	2.0	
95-47-6	o-Xylene	10.4	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245030.D
Acq On : 3 Sep 2011 12:53 am
Operator :
Sample : ccv1/B0-BS1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 07 14:59:56 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	367461	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	599708	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	323970	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.824	152	290945	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	243896	25.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.60%				
42) TOLUENE-D8 SS	6.126	98	616125	25.16	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	251600	24.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	40608	7.58	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	74648	8.09	UG/L		99
5) CHLOROMETHANE	1.135	50	71021	9.16	UG/L		100
6) VINYL CHLORIDE	1.188	62	64783	8.55	UG/L		99
7) BROMOMETHANE	1.369	94	17547	5.09	UG/L		100
8) CHLOROETHANE	1.425	64	44137	9.44	UG/L		95
9) FLUORODICHLOROMETHANE	1.533	67	83415	8.43	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.570	101	67724	9.72	UG/L		98
11) DI ETHYL ETHER	1.743	59	60672	12.05	UG/L		92
12) ACROLEIN	1.826	56	29154	47.70	UG/L	#	99
13) ACETONE	1.924	43	150574	104.74	UG/L		99
14) 1,1-DICHLOROETHENE	1.888	61	90238	11.76	UG/L		93
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	42058	10.41	UG/L		95
16) IODOMETHANE	1.996	142	127481	18.30	UG/L	#	86
17) METHYL ACETATE	2.152	43	120279	11.90	UG/L		94
18) T-BUTYL ALCOHOL	2.325	59	60682	89.84	UG/L	#	91
19) ACRYLONITRILE	2.426	53	31512	11.17	UG/L		99
20) METHYLENE CHLORIDE	2.228	49	86775	12.12	UG/L		88
21) CARBON DISULFIDE	2.041	76	119708	11.37	UG/L		99
22) METHYL TERT-BUTYL ETHE...	2.451	73	183105	10.94	UG/L	#	90
23) TRANS 1,2-DICHLOROETHENE	2.443	61	97761	13.14	UG/L		87
24) 1,1-DICHLOROETHANE	2.816	63	121599	11.85	UG/L		99
25) VINYL ACETATE	2.880	43	968813	111.38	UG/L	#	90
26) DI ISOPROPYL ETHER	2.900	45	176094	11.16	UG/L	#	85
27) 2-BUTANONE	3.444	43	320884	98.45	UG/L		95
28) T-BUTYL ETHYL ETHER	3.276	59	191221	8.48	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.407	61	109367	10.03	UG/L		96
30) 2,2-DICHLOROPROPANE	3.405	77	43765	6.74	UG/L		99
31) ETHYL ACETATE	3.519	43	49279	5.55	UG/L		99
32) BROMOCHLOROMETHANE	3.650	128	24038	10.64	UG/L		84
33) TETRAHYDROFURAN	3.706	42	19623	8.72	UG/L	#	69
34) CHLOROFORM	3.739	83	99105	9.91	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.912	97	73436	10.46	UG/L		96
36) CYCLOHEXANE	3.960	56	98819	10.25	UG/L		98
37) CARBON TETRACHLORIDE	4.071	117	53520	9.91	UG/L		97
38) 1,1-DICHLOROPROPENE	4.074	75	73419	10.70	UG/L		97
39) BENZENE	4.280	78	225534	10.45	UG/L		99
40) T-AMYLMETHYL ETHER	4.420	73	135423	9.50	UG/L	#	86
43) 1,2-DICHLOROETHANE	4.308	62	107798	10.79	UG/L		98
44) TRICHLOROETHENE	4.927	95	56300	10.57	UG/L		94
45) METHYLCYCLOHEXANE	5.103	83	50318	8.54	UG/L		94
46) 1,2-DICHLOROPROPANE	5.150	63	69684	10.59	UG/L	#	94
47) DIBROMOMETHANE	5.256	93	37215	10.77	UG/L		93

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245030.D
Acq On : 3 Sep 2011 12:53 am
Operator :
Sample : ccv1/B0-BS1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 07 14:59:56 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

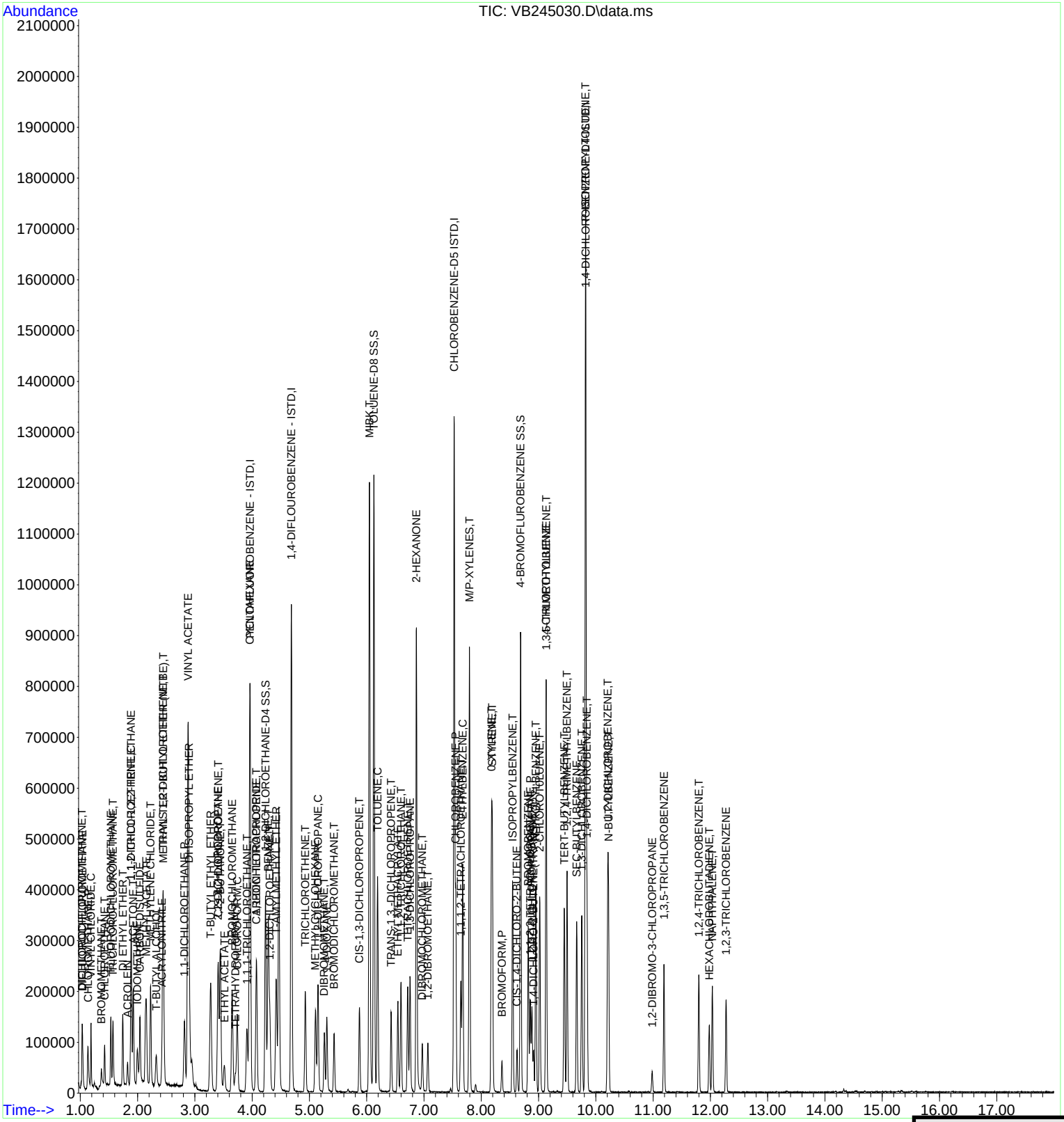
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,4-DIOXANE	5.304	88	5602	89.77	UG/L	#	68
49) BROMODICHLOROMETHANE	5.432	83	60101	10.65	UG/L		98
51) MIBK	6.048	43	695707	102.13	UG/L	#	82
52) CIS-1,3-DICHLOROPROPENE	5.873	75	71788	10.11	UG/L	#	87
53) TOLUENE	6.190	91	237604	10.06	UG/L		98
54) TRANS-1,3,-DICHLOROPRO...	6.425	75	63617	12.14	UG/L	#	88
55) ETHYL METHACRYLATE	6.545	41	57236	9.26	UG/L		93
56) 1,1,2-TRICHLOROETHANE	6.600	97	51947	10.39	UG/L		96
57) 2-HEXANONE	6.868	43	483688	98.61	UG/L	#	82
58) TETRACHLOROETHENE	6.718	164	37917	10.14	UG/L		98
59) 1,3-DICHLOROPROPANE	6.757	76	96843	10.29	UG/L		91
60) DIBROMOCHLOROMETHANE	6.968	129	36633	8.54	UG/L		98
61) 1,2-DIBROMOETHANE	7.066	107	51912	10.70	UG/L		100
64) CHLOROBENZENE	7.554	112	153089	10.20	UG/L		92
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	42665	9.31	UG/L		99
66) ETHYLBENZENE	7.677	91	261412	10.20	UG/L		98
67) M/P-XYLENES	7.794	91	417744	20.67	UG/L		94
68) 0-XYLENE	8.179	91	223907	10.42	UG/L		96
69) STYRENE	8.193	104	164566	9.95	UG/L	#	84
70) BROMOFORM	8.360	173	21426	8.39	UG/L		98
71) ISOPROPYLBENZENE	8.550	105	219865	11.88	UG/L		98
72) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	19496	7.04	UG/L	#	59
73) 1,1,2,2-TETRACHLOROETHANE	8.856	83	70505	10.22	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	18253	6.62	UG/L	#	77
75) BROMOBENZENE	8.820	77	112720	10.27	UG/L		88
76) 1,2,3-TRICHLOROPROPANE	8.884	110	18981	9.27	UG/L		72
77) N-PROPYLBENZENE	8.954	91	262362	10.23	UG/L		96
78) 2-CHLOROT0LUENE	9.021	91	180344	10.23	UG/L		96
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	183952	9.96	UG/L		95
80) 4-CHLOROTOLUENE	9.132	91	214101	10.31	UG/L		94
82) TERT-BUTYLBENZENE	9.450	119	138797	10.53	UG/L		93
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	193792	10.45	UG/L		97
84) SEC-BUTYLBENZENE	9.665	105	188487	10.52	UG/L		98
85) 1,3-DICHLOROBENZENE	9.754	146	112595	10.43	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	163422	10.68	UG/L		96
87) 1,4-DICHLOROBENZENE	9.846	146	117015	10.13	UG/L		96
88) N-BUTYLBENZENE	10.223	91	143624	10.02	UG/L		96
89) 1,2-DICHLOROBENZENE	10.209	146	114751	10.51	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.987	75	7654	8.21	UG/L		92
91) 1,3,5-TRICHLOROBENZENE	11.190	180	58879	9.49	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.801	180	55068	10.45	UG/L		99
93) HEXACHLOROBUTADIENE	11.982	225	22871	10.39	UG/L		99
94) NAPHTHALENE	12.035	128	127941	11.18	UG/L		99
95) 1,2,3-TRICHLOROBENZENE	12.275	180	43129	11.02	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245030.D
Acq On : 3 Sep 2011 12:53 am
Operator :
Sample : ccv1/B0-BS1
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 07 14:59:56 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036708-BSD1	File ID:	VB245031.D
Sampled:		Prepared:	09/02/11 10:44	Analyzed:	09/03/11 01:25
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	104	0.54	50	
107-13-1	Acrylonitrile	10.5	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	9.33	0.11	0.50	
71-43-2	Benzene	10.6	0.050	1.0	
108-86-1	Bromobenzene	10.2	0.10	1.0	
74-97-5	Bromochloromethane	11.3	0.10	1.0	
75-27-4	Bromodichloromethane	10.4	0.080	0.50	
75-25-2	Bromoform	8.36	0.25	1.0	
74-83-9	Bromomethane	5.86	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	96.6	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	86.6	3.5	20	
104-51-8	n-Butylbenzene	9.99	0.050	1.0	
135-98-8	sec-Butylbenzene	10.4	0.050	1.0	
98-06-6	tert-Butylbenzene	10.6	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	8.58	0.070	0.50	
75-15-0	Carbon Disulfide	11.2	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.69	0.090	5.0	
108-90-7	Chlorobenzene	10.2	0.050	1.0	
124-48-1	Chlorodibromomethane	8.36	0.12	0.50	
75-00-3	Chloroethane	10.6	0.33	5.0	
67-66-3	Chloroform	9.93	0.040	2.0	
74-87-3	Chloromethane	9.34	0.13	2.0	
95-49-8	2-Chlorotoluene	10.1	0.050	1.0	
106-43-4	4-Chlorotoluene	10.2	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.11	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.6	0.14	0.50	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036708-BSD1	File ID:	VB245031.D
Sampled:		Prepared:	09/02/11 10:44	Analyzed:	09/03/11 01:25
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.6	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.3	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.4	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.3	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	6.44	0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	7.58	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	11.9	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.8	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.9	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	12.9	0.070	1.0	V-20
78-87-5	1,2-Dichloropropane	10.6	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.2	0.080	0.50	
594-20-7	2,2-Dichloropropane	6.55	0.13	1.0	V-05
563-58-6	1,1-Dichloropropene	10.8	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.96	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.1	0.12	0.50	V-20
60-29-7	Diethyl Ether	12.2	0.10	2.0	V-20
108-20-3	Diisopropyl Ether (DIPE)	11.4	0.030	0.50	
123-91-1	1,4-Dioxane	91.0	3.5	50	V-16
100-41-4	Ethylbenzene	10.1	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.4	0.26	0.50	
591-78-6	2-Hexanone (MBK)	97.1	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.8	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.7	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.8	0.050	1.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment		Project:	002699.ID25.02 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B036708-BSD1	File ID:	VB245031.D
Sampled:		Prepared:	09/02/11 10:44	Analyzed:	09/03/11 01:25
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B036708	Sequence:	S001087	Calibration:	1100031
Instrument:	GCMSVOA2				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	12.4	2.3	5.0	V-20
108-10-1	4-Methyl-2-pentanone (MIBK)	98.7	0.22	10	
91-20-3	Naphthalene	11.2	0.21	2.0	
103-65-1	n-Propylbenzene	10.2	0.040	1.0	
100-42-5	Styrene	9.82	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.24	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.99	0.18	0.50	
127-18-4	Tetrachloroethylene	9.89	0.14	1.0	
109-99-9	Tetrahydrofuran	8.51	1.0	10	
108-88-3	Toluene	10.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	11.2	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.5	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.21	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.4	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.4	0.080	1.0	
79-01-6	Trichloroethylene	10.3	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.76	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.24	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.4	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.3	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.80	0.060	1.0	
75-01-4	Vinyl Chloride	8.85	0.16	2.0	
108383/106423	m+p Xylene	20.6	0.070	2.0	
95-47-6	o-Xylene	10.2	0.050	1.0	

Data Path : W:\1\DATA\090211\
Data File : VB245031.D
Acq On : 3 Sep 2011 1:25 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 07 13:19:29 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.962	168	366044	30.00	UG/L		0.00
41) 1,4-DIFLOUROBENZENE - ...	4.685	114	601276	30.00	UG/L		0.00
62) CHLOROBENZENE-D5 ISTD	7.526	82	325371	30.00	UG/L		0.00
81) 1,4-DICHLOROBENZENE-D4...	9.821	152	291189	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	242954	25.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.60%				
42) TOLUENE-D8 SS	6.126	98	614249	25.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.08%				
63) 4-BROMOFLUROBENZENE SS	8.686	95	250588	24.71	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.84%				
Target Compounds							Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	40439	7.58	UG/L		100
4) DIFLUOROCHLOROMETHANE	1.040	51	73540	8.00	UG/L		99
5) CHLOROMETHANE	1.132	50	72166	9.34	UG/L		100
6) VINYL CHLORIDE	1.188	62	66800	8.85	UG/L		97
7) BROMOMETHANE	1.369	94	19721	5.86	UG/L		96
8) CHLOROETHANE	1.425	64	47679	10.55	UG/L		91
9) FLUORODICHLOROMETHANE	1.533	67	82465	8.37	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.570	101	67737	9.76	UG/L		100
11) DI ETHYL ETHER	1.740	59	60912	12.15	UG/L		94
12) ACROLEIN	1.826	56	33299	54.70	UG/L	#	99
13) ACETONE	1.924	43	149119	104.13	UG/L		98
14) 1,1-DICHLOROETHENE	1.888	61	90676	11.87	UG/L		91
15) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	41639	10.35	UG/L		94
16) IODOMETHANE	1.996	142	107750	15.53	UG/L		99
17) METHYL ACETATE	2.152	43	118555	11.77	UG/L		93
18) T-BUTYL ALCOHOL	2.325	59	58254	86.58	UG/L	#	90
19) ACRYLONITRILE	2.426	53	29515	10.50	UG/L		98
20) METHYLENE CHLORIDE	2.225	49	88488	12.41	UG/L		87
21) CARBON DISULFIDE	2.041	76	117113	11.17	UG/L		99
22) METHYL TERT-BUTYL ETHE...	2.451	73	179738	10.78	UG/L		92
23) TRANS 1,2-DICHLOROETHENE	2.442	61	95325	12.86	UG/L		87
24) 1,1-DICHLOROETHANE	2.819	63	121591	11.89	UG/L		100
25) VINYL ACETATE	2.880	43	973944	112.40	UG/L	#	90
26) DI ISOPROPYL ETHER	2.900	45	178938	11.38	UG/L	#	82
27) 2-BUTANONE	3.444	43	313531	96.57	UG/L		94
28) T-BUTYL ETHYL ETHER	3.273	59	192587	8.58	UG/L		99
29) CIS-1,2-DICHLOROETHENE	3.407	61	110330	10.15	UG/L		96
30) 2,2-DICHLOROPROPANE	3.402	77	42347	6.55	UG/L		99
31) ETHYL ACETATE	3.513	43	50646	5.73	UG/L	#	90
32) BROMOCHLOROMETHANE	3.647	128	25351	11.26	UG/L		90
33) TETRAHYDROFURAN	3.709	42	19073	8.51	UG/L	#	67
34) CHLOROFORM	3.742	83	98941	9.93	UG/L		100
35) 1,1,1-TRICHLOROETHANE	3.909	97	72603	10.38	UG/L		95
36) CYCLOHEXANE	3.959	56	98413	10.24	UG/L		99
37) CARBON TETRACHLORIDE	4.074	117	52106	9.69	UG/L		100
38) 1,1-DICHLOROPROPENE	4.079	75	73700	10.78	UG/L		96
39) BENZENE	4.283	78	227614	10.59	UG/L		100
40) T-AMYLMETHYL ETHER	4.422	73	132470	9.33	UG/L	#	86
43) 1,2-DICHLOROETHANE	4.311	62	108238	10.80	UG/L		99
44) TRICHLOROETHENE	4.927	95	54938	10.29	UG/L		95
45) METHYLCYCLOHEXANE	5.106	83	51321	8.69	UG/L		94

Data Path : W:\1\DATA\090211\
Data File : VB245031.D
Acq On : 3 Sep 2011 1:25 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 07 13:19:29 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration

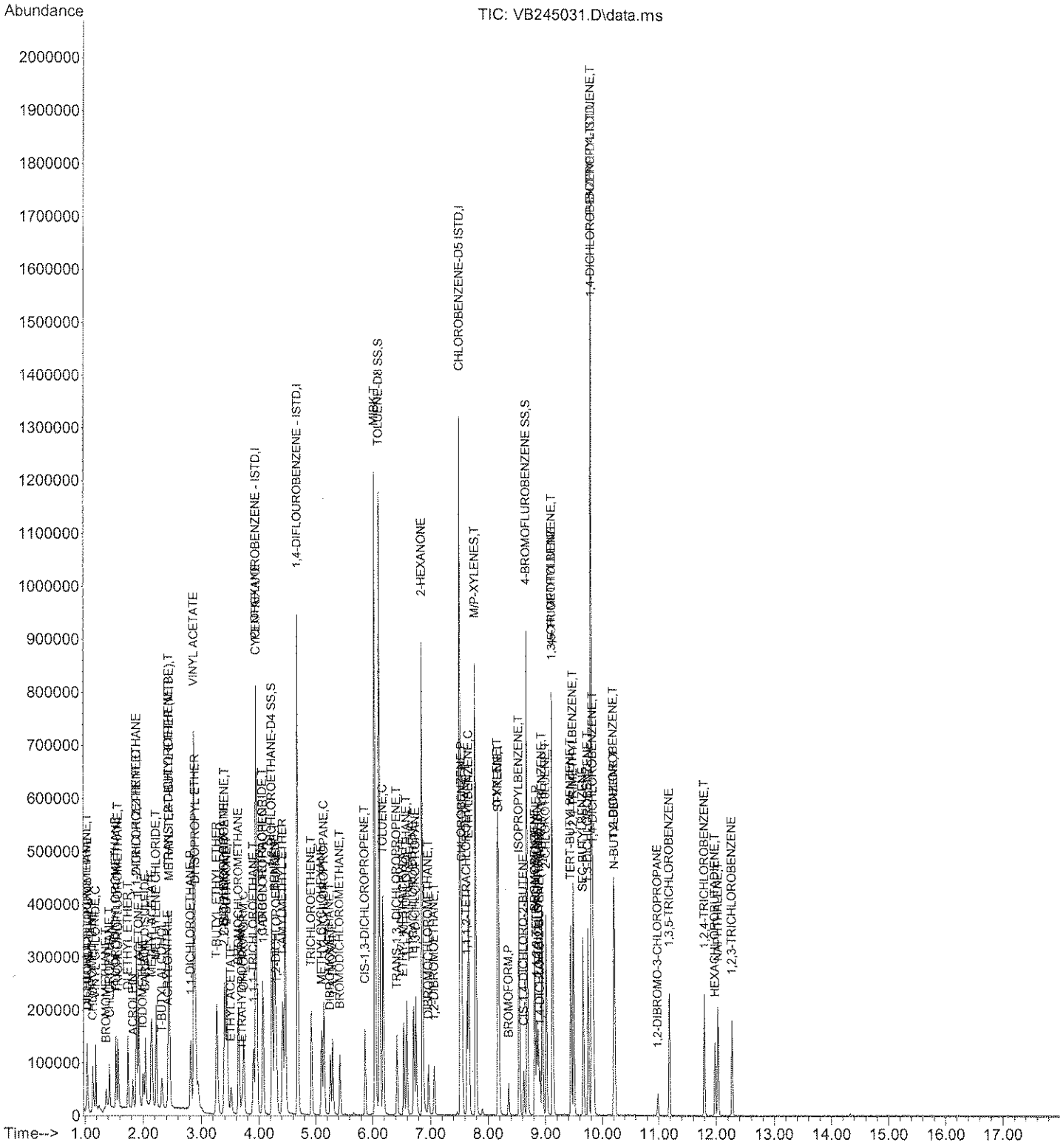
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,2-DICHLOROPROPANE	5.150	63	69901	10.60	UG/L		95
47) DIBROMOMETHANE	5.259	93	36802	10.63	UG/L		94
48) 1,4-DIOXANE	5.306	88	5696	91.04	UG/L	#	84
49) BROMODICHLOROMETHANE	5.432	83	58937	10.41	UG/L		99
51) MIBK	6.048	43	674283	98.72	UG/L	#	83
52) CIS-1,3-DICHLOROPROPENE	5.873	75	70913	9.96	UG/L	#	88
53) TOLUENE	6.188	91	240758	10.17	UG/L		98
54) TRANS-1,3,-DICHLOROPRO...	6.427	75	63387	12.06	UG/L		91
55) ETHYL METHACRYLATE	6.542	41	57761	9.33	UG/L		89
56) 1,1,2-TRICHLOROETHANE	6.600	97	51876	10.35	UG/L		97
57) 2-HEXANONE	6.868	43	477728	97.14	UG/L	#	82
58) TETRACHLOROETHENE	6.715	164	37078	9.89	UG/L		95
59) 1,3-DICHLOROPROPANE	6.757	76	96533	10.23	UG/L		91
60) DIBROMOCHLOROMETHANE	6.971	129	35643	8.36	UG/L		98
61) 1,2-DIBROMOETHANE	7.069	107	51313	10.55	UG/L		100
64) CHLOROBENZENE	7.554	112	153560	10.19	UG/L		92
65) 1,1,1,2-TETRACHLOROETHANE	7.643	131	42479	9.24	UG/L		98
66) ETHYLBENZENE	7.677	91	259342	10.08	UG/L		97
67) M/P-XYLENES	7.794	91	418046	20.59	UG/L		93
68) 0-XYLENE	8.176	91	219030	10.15	UG/L		96
69) STYRENE	8.195	104	163081	9.82	UG/L	#	84
70) BROMOFORM	8.363	173	21365	8.36	UG/L		99
71) ISOPROPYLBENZENE	8.547	105	218810	11.77	UG/L		97
72) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	18854	6.78	UG/L	#	58
73) 1,1,2,2-TETRACHLOROETHANE	8.854	83	69207	9.99	UG/L		99
74) 1,4-DICHLORO-2-BUTENE(...	8.912	53	17837	6.44	UG/L	#	79
75) BROMOBENZENE	8.823	77	112119	10.17	UG/L		87
76) 1,2,3-TRICHLOROPROPANE	8.887	110	19007	9.24	UG/L		73
77) N-PROPYLBENZENE	8.954	91	262181	10.18	UG/L		97
78) 2-CHLOROTOLUENE	9.021	91	178225	10.07	UG/L		97
79) 1,3,5-TRIMETHYLBENZENE	9.135	105	181885	9.80	UG/L		94
80) 4-CHLOROTOLUENE	9.132	91	213602	10.24	UG/L		95
82) TERT-BUTYLBENZENE	9.450	119	139141	10.55	UG/L		93
83) 1,2,4-TRIMETHYLBENZENE	9.498	105	191622	10.33	UG/L		95
84) SEC-BUTYLBENZENE	9.665	105	186622	10.41	UG/L		98
85) 1,3-DICHLOROBENZENE	9.754	146	112327	10.39	UG/L		98
86) P-ISOPROPYLTOLUENE	9.818	119	163770	10.69	UG/L		97
87) 1,4-DICHLOROBENZENE	9.846	146	118874	10.29	UG/L		96
88) N-BUTYLBENZENE	10.223	91	143406	9.99	UG/L		97
89) 1,2-DICHLOROBENZENE	10.209	146	112363	10.28	UG/L		97
90) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	7543	8.11	UG/L		88
91) 1,3,5-TRICHLOROBENZENE	11.188	180	57208	9.21	UG/L		99
92) 1,2,4-TRICHLOROBENZENE	11.798	180	55125	10.46	UG/L		98
93) HEXACHLOROBUTADIENE	11.982	225	22941	10.41	UG/L		98
94) NAPHTHALENE	12.035	128	128579	11.23	UG/L		100
95) 1,2,3-TRICHLOROBENZENE	12.272	180	43756	11.17	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : W:\1\DATA\090211\
Data File : VB245031.D
Acq On : 3 Sep 2011 1:25 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 07 13:19:29 2011
Quant Method : W:\1\METHODS\B0902W11.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Sep 06 17:23:23 2011
Response via : Initial Calibration



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ICP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
PW13-25

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-02
Sampled:	08/30/11 08:40		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium	0.055	0.0018	0.0040	1		B036819	09/08/11 16:27	SW-846 6010C
7440-43-9	Cadmium (dissolved)	0.039	0.0018	0.0040	1		B036820	09/07/11 16:23	SW-846 6010C
7440-47-3	Chromium	0.35	0.0034	0.010	1		B036819	09/08/11 16:27	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036820	09/07/11 16:23	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
PW13-50

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-03
Sampled:	08/30/11 09:20		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium	0.024	0.0018	0.0040	1		B036819	09/08/11 16:32	SW-846 6010C
7440-43-9	Cadmium (dissolved)	0.011	0.0018	0.0040	1		B036820	09/07/11 16:45	SW-846 6010C
7440-47-3	Chromium	0.49	0.0034	0.010	1		B036819	09/08/11 16:32	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036820	09/07/11 16:45	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
PW13-75

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-04
Sampled:	08/30/11 10:35		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium	0.10	0.0018	0.0040	1		B036819	09/08/11 16:37	SW-846 6010C
7440-43-9	Cadmium (dissolved)	0.0051	0.0018	0.0040	1		B036820	09/07/11 16:49	SW-846 6010C
7440-47-3	Chromium	3.0	0.0034	0.010	1		B036819	09/08/11 16:37	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036820	09/07/11 16:49	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
PW13-100

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-05
Sampled:	08/30/11 12:35		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium	0.0047	0.0018	0.0040	1		B036819	09/08/11 16:41	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036820	09/07/11 17:10	SW-846 6010C
7440-47-3	Chromium	0.85	0.0034	0.010	1		B036819	09/08/11 16:41	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036820	09/07/11 17:10	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
PW13-125

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-06
Sampled:	08/30/11 15:00		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	J	B036819	09/08/11 16:46	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036820	09/07/11 17:14	SW-846 6010C
7440-47-3	Chromium	1.1	0.0034	0.010	1		B036819	09/08/11 16:46	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036820	09/07/11 17:14	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
PW13-125Q

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-07
Sampled:	08/30/11 15:00		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium		0.0018	0.0040	1	J	B036819	09/08/11 16:51	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036820	09/07/11 17:19	SW-846 6010C
7440-47-3	Chromium	1.2	0.0034	0.010	1		B036819	09/08/11 16:51	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036820	09/07/11 17:19	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
PW13-150

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11I0023-08
Sampled:	08/30/11 17:15		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-43-9	Cadmium	0.0054	0.0018	0.0040	1		B036819	09/08/11 16:56	SW-846 6010C
7440-43-9	Cadmium (dissolved)		0.0018	0.0040	1	U	B036820	09/07/11 17:23	SW-846 6010C
7440-47-3	Chromium	2.3	0.0034	0.010	1		B036819	09/08/11 16:56	SW-846 6010C
7440-47-3	Chromium (dissolved)		0.0034	0.010	1	U	B036820	09/07/11 17:23	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
IDWS-1

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	11I0023-09
Sampled:	08/31/11 12:30		
% Solids:	86.20		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7440-38-2	Arsenic		0.0086	0.010	1	J	B036715	09/06/11 12:05	SW-846 6010C
7439-97-6	Mercury		4.0E-5	0.00010	1	U	B036703	09/02/11 13:34	SW-846 7470A
7440-39-3	Barium	0.064	0.015	0.050	1		B036715	09/06/11 12:05	SW-846 6010C
7440-43-9	Cadmium		0.0018	0.0040	1	U	B036715	09/06/11 12:05	SW-846 6010C
7440-47-3	Chromium	0.022	0.0034	0.010	1		B036715	09/06/11 12:05	SW-846 6010C
7439-92-1	Lead		0.0027	0.010	1	J	B036715	09/06/11 12:05	SW-846 6010C
7782-49-2	Selenium		0.016	0.050	1	U	B036715	09/06/11 12:05	SW-846 6010C
7440-22-4	Silver		0.0040	0.0050	1	U	B036715	09/06/11 12:05	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
		Sequence:	S001067

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001067-ICV1	Cadmium (dissolved)	1.00	1.06	106	mg/L	+/- 10.00%
	Chromium (dissolved)	1.00	1.03	103	mg/L	+/- 10.00%
S001067-CCV2	Cadmium (dissolved)	5.00	5.00	100	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.06	101	mg/L	+/- 10.00%
S001067-CCV3	Cadmium (dissolved)	5.00	5.13	103	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.05	101	mg/L	+/- 10.00%
S001067-CCV4	Cadmium (dissolved)	5.00	5.12	102	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.02	100	mg/L	+/- 10.00%
S001067-CCV5	Cadmium (dissolved)	5.00	5.15	103	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.08	102	mg/L	+/- 10.00%
S001067-CCV6	Cadmium (dissolved)	5.00	5.07	101	mg/L	+/- 10.00%
	Chromium (dissolved)	5.00	5.12	102	mg/L	+/- 10.00%

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001069

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001069-ICV1	Cadmium	1.00	1.06	106	mg/L	+/- 10.00%
	Chromium	1.00	1.02	102	mg/L	+/- 10.00%
S001069-CCV1	Cadmium	5.00	5.07	101	mg/L	+/- 10.00%
	Chromium	5.00	5.02	100	mg/L	+/- 10.00%
S001069-CCV2	Cadmium	5.00	5.06	101	mg/L	+/- 10.00%
	Chromium	5.00	4.88	97.6	mg/L	+/- 10.00%
S001069-CCV3	Cadmium	5.00	5.08	102	mg/L	+/- 10.00%
	Chromium	5.00	4.93	98.6	mg/L	+/- 10.00%

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001070

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001070-ICV1	Cadmium	1.00	1.06	106	mg/L	+/- 10.00%
	Chromium	1.00	1.02	102	mg/L	+/- 10.00%
S001070-CCV1	Cadmium	5.00	5.17	103	mg/L	+/- 10.00%
	Chromium	5.00	5.11	102	mg/L	+/- 10.00%
S001070-CCV2	Cadmium	5.00	5.23	105	mg/L	+/- 10.00%
	Chromium	5.00	5.02	100	mg/L	+/- 10.00%

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 7470A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	HG1	Calibration:	UNASSIGNED
		Sequence:	S001071

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001071-ICV1	Mercury	2.00	2.16	108	µg/L	+/- 20.00%
S001071-CCV1	Mercury	2.00	2.08	104	µg/L	+/- 20.00%
S001071-CCV2	Mercury	2.00	2.06	103	µg/L	+/- 20.00%
S001071-CCV3	Mercury	2.00	2.08	104	µg/L	+/- 20.00%

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
		Sequence:	S001072

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001072-ICV1	Arsenic	1.00	1.01	101	mg/L	+/- 10.00%
	Barium	1.00	1.01	101	mg/L	+/- 10.00%
	Cadmium	1.00	1.05	105	mg/L	+/- 10.00%
	Chromium	1.00	1.00	100	mg/L	+/- 10.00%
	Lead	1.00	1.01	101	mg/L	+/- 10.00%
	Selenium	1.00	1.04	104	mg/L	+/- 10.00%
	Silver	1.00	0.989	98.9	mg/L	+/- 10.00%
S001072-CCV1	Arsenic	5.00	5.14	103	mg/L	+/- 10.00%
	Barium	5.00	5.17	103	mg/L	+/- 10.00%
	Cadmium	5.00	5.16	103	mg/L	+/- 10.00%
	Chromium	5.00	5.15	103	mg/L	+/- 10.00%
	Lead	5.00	5.20	104	mg/L	+/- 10.00%
	Selenium	5.00	5.24	105	mg/L	+/- 10.00%
S001072-CCV2	Silver	2.00	2.19	110	mg/L	+/- 10.00%
S001072-CCV3	Arsenic	5.00	4.87	97.3	mg/L	+/- 10.00%
	Barium	5.00	4.97	99.4	mg/L	+/- 10.00%
	Cadmium	5.00	4.89	97.8	mg/L	+/- 10.00%
	Chromium	5.00	5.02	100	mg/L	+/- 10.00%
	Lead	5.00	4.82	96.5	mg/L	+/- 10.00%
	Selenium	5.00	5.03	101	mg/L	+/- 10.00%
S001072-CCV4	Silver	2.00	2.16	108	mg/L	+/- 10.00%
S001072-CCV5	Arsenic	5.00	4.71	94.1	mg/L	+/- 10.00%
	Barium	5.00	4.82	96.4	mg/L	+/- 10.00%
	Cadmium	**5.00**	**4.46**	**89.2**	**mg/L**	+/- 10.00%
	Chromium	5.00	5.11	102	mg/L	+/- 10.00%
	Lead	**5.00**	**4.34**	**86.7**	**mg/L**	+/- 10.00%
	Selenium	5.00	5.07	101	mg/L	+/- 10.00%
S001072-CCV6	Arsenic	5.00	4.71	94.2	mg/L	+/- 10.00%
	Barium	5.00	4.84	96.8	mg/L	+/- 10.00%

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
		Sequence:	S001072

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001072-CCV6	**Cadmium**	**5.00**	**4.47**	**89.5**	**mg/L**	+/- 10.00%
	Chromium	5.00	5.14	103	mg/L	+/- 10.00%
	Lead	**5.00**	**4.37**	**87.5**	**mg/L**	+/- 10.00%
	Selenium	5.00	5.06	101	mg/L	+/- 10.00%
S001072-CCV7	Silver	2.00	2.09	104	mg/L	+/- 10.00%

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001067		

Lab Sample ID	Analyte	Found	Units	RL	C
S001067-ICB1	Cadmium (dissolved)	2.03E-4	mg/L	0.0040	U
	Chromium (dissolved)	4.75E-4	mg/L	0.010	U
S001067-CCB2	Cadmium (dissolved)	0.00016	mg/L	0.0040	U
	Chromium (dissolved)	0.00056	mg/L	0.010	U
B036820-BLK1	Cadmium (dissolved)	0.00064	mg/L	0.0040	U
	Chromium (dissolved)	0.00042	mg/L	0.010	U
S001067-CCB3	Cadmium (dissolved)	0.00024	mg/L	0.0040	U
	Chromium (dissolved)	0.00033	mg/L	0.010	U
S001067-CCB4	Cadmium (dissolved)	0.00017	mg/L	0.0040	U
	Chromium (dissolved)	0.00032	mg/L	0.010	U
S001067-CCB5	Cadmium (dissolved)	0.00030	mg/L	0.0040	U
	Chromium (dissolved)	0.00034	mg/L	0.010	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001069		

Lab Sample ID	Analyte	Found	Units	RL	C
S001069-ICB1	Cadmium	5.89E-5	mg/L	0.0040	U
	Chromium	-2.21E-4	mg/L	0.010	U
S001069-CCB2	Cadmium	1.5E-5	mg/L	0.0040	U
	Chromium	-0.00035	mg/L	0.010	U
B036819-BLK1	Cadmium	6.5E-5	mg/L	0.0040	U
	Chromium	-1.7E-5	mg/L	0.010	U
S001069-CCB3	Cadmium	0.00016	mg/L	0.0040	U
	Chromium	8.3E-5	mg/L	0.010	U
S001069-CCB4	Cadmium	0.00020	mg/L	0.0040	U
	Chromium	-0.00010	mg/L	0.010	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001070		

Lab Sample ID	Analyte	Found	Units	RL	C
S001070-ICB1	Cadmium	0.00138	mg/L	0.0040	U
	Chromium	0.00147	mg/L	0.010	U
S001070-CCB2	Cadmium	-0.00014	mg/L	0.0040	U
	Chromium	0.00021	mg/L	0.010	U
S001070-CCB3	Cadmium	-0.00022	mg/L	0.0040	U
	Chromium	0.00020	mg/L	0.010	U
S001070-CCB4	Cadmium	-0.00038	mg/L	0.0040	U
	Chromium	-1.6E-5	mg/L	0.010	U

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BLANKS

SW-846 7470A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	HG1	Calibration:	UNASSIGNED
Sequence:	S001071		

Lab Sample ID	Analyte	Found	Units	RL	C
S001071-ICB1	Mercury	-0.0298	µg/L	0.10	U
S001071-CCB1	Mercury	-0.025	µg/L	0.10	U
B036703-BLK1	Mercury	-1.5E-5	mg/L	0.00010	U
S001071-CCB2	Mercury	-0.018	µg/L	0.10	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001072		

Lab Sample ID	Analyte	Found	Units	RL	C
S001072-ICB1	Arsenic	0.00166	mg/L	0.010	U
	Barium	5.12E-5	mg/L	0.050	U
	Cadmium	-8.04E-5	mg/L	0.0040	U
	Chromium	1.03E-4	mg/L	0.010	U
	Lead	-2.03E-4	mg/L	0.010	U
	Selenium	0.00267	mg/L	0.050	U
	Silver	2.71E-4	mg/L	0.0050	U
B036715-BLK1	Arsenic	0.0046	mg/L	0.010	U
	Barium	0.0017	mg/L	0.050	U
	Cadmium	0.00049	mg/L	0.0040	U
	Chromium	0.00041	mg/L	0.010	U
	Lead	0.0016	mg/L	0.010	U
	Selenium	0.011	mg/L	0.050	U
	Silver	0.0011	mg/L	0.0050	U
S001072-CCB2	Arsenic	0.0043	mg/L	0.010	U
	Barium	0.00028	mg/L	0.050	U
	Cadmium	7.7E-5	mg/L	0.0040	U
	Chromium	5.3E-5	mg/L	0.010	U
	Lead	0.0011	mg/L	0.010	U
	Selenium	0.0024	mg/L	0.050	U
	Silver	0.0068	mg/L	0.0050	
S001072-CCB3	Arsenic	-0.0023	mg/L	0.010	U
	Barium	0.00015	mg/L	0.050	U
	Cadmium	-5.9E-5	mg/L	0.0040	U
	Chromium	-2.0E-5	mg/L	0.010	U
	Lead	0.00097	mg/L	0.010	U
	Selenium	0.0020	mg/L	0.050	U
	Silver	0.0027	mg/L	0.0050	U
S001072-CCB4	Arsenic	0.00074	mg/L	0.010	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001072		

Lab Sample ID	Analyte	Found	Units	RL	C
S001072-CCB4	Barium	0.00039	mg/L	0.050	U
	Cadmium	0.00028	mg/L	0.0040	U
	Chromium	5.8E-5	mg/L	0.010	U
	Lead	0.00046	mg/L	0.010	U
	Selenium	0.0079	mg/L	0.050	U
	Silver	0.0047	mg/L	0.0050	J
S001072-CCB5	Arsenic	-0.00020	mg/L	0.010	U
	Barium	0.00029	mg/L	0.050	U
	Cadmium	0.00021	mg/L	0.0040	U
	Chromium	-6.0E-5	mg/L	0.010	U
	Lead	0.00024	mg/L	0.010	U
	Selenium	0.0040	mg/L	0.050	U
	Silver	0.0041	mg/L	0.0050	J

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001067		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001067-IFA1	Cadmium (dissolved)	0.00		0.00		mg/L
	Chromium (dissolved)	0.01		0.00		mg/L
S001067-IFB1	Cadmium (dissolved)	0.00	1.00	1.03	103	mg/L
	Chromium (dissolved)	0.01	0.500	0.49	98.6	mg/L
S001067-IFA2	Cadmium (dissolved)	0.00		0.00		mg/L
	Chromium (dissolved)	0.01		0.00		mg/L
S001067-IFB2	Cadmium (dissolved)	0.00	1.00	1.04	104	mg/L
	Chromium (dissolved)	0.01	0.500	0.49	98.9	mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001069		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001069-IFA1	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001069-IFB1	Cadmium	0.00	1.00	1.08	108	mg/L
	Chromium	0.01	0.500	0.51	102	mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001070		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001070-IFA1	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001070-IFB1	Cadmium	0.00	1.00	1.09	109	mg/L
	Chromium	0.01	0.500	0.51	103	mg/L
S001070-IFA2	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
S001070-IFB2	Cadmium	0.00	1.00	1.09	109	mg/L
	Chromium	0.01	0.500	0.50	101	mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001072		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001072-IFA1	Arsenic	0.01		-0.01		mg/L
	Barium	0.05		0.01		mg/L
	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
	Lead	0.01		0.01		mg/L
	Selenium	0.05		-0.05		mg/L
	Silver	0.01		0.00		mg/L
S001072-IFB1	Arsenic	0.01		-0.01		mg/L
	Barium	0.05	0.500	0.51	103	mg/L
	Cadmium	0.00	1.00	1.08	108	mg/L
	Chromium	0.01	0.500	0.50	100	mg/L
	Lead	0.01	1.00	0.99	99.0	mg/L
	Selenium	0.05		-0.05		mg/L
	Silver	0.01	1.00	1.07	107	mg/L
S001072-IFA2	Arsenic	0.01		0.00		mg/L
	Barium	0.05		0.00		mg/L
	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
	Lead	0.01		0.00		mg/L
	Selenium	0.05		0.00		mg/L
	Silver	0.01		0.01		mg/L
S001072-IFA3	Arsenic	0.01		0.00		mg/L
	Barium	0.05		0.00		mg/L
	Cadmium	0.00		0.00		mg/L
	Chromium	0.01		0.00		mg/L
	Lead	0.01		0.00		mg/L
	Selenium	0.05		0.01		mg/L
	Silver	0.01		0.01		mg/L
S001072-IFB2	Arsenic	0.01		0.00		mg/L
	Barium	0.05	0.500	0.50	100	mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S001072		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001072-IFB2	Cadmium	0.00	1.00	0.96	95.5	mg/L
	Chromium	0.01	0.500	0.52	104	mg/L
	Lead	0.01	1.00	0.88	87.9	mg/L
	Selenium	0.05		-0.04		mg/L
	Silver	0.01	1.00	1.04	104	mg/L

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

IDWS-1

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 7470A
Batch:	B036703	Preparation:	SW-846 7470A Prep
% Solids:	86.20	Laboratory ID:	B036703-MS1
Column:		Sample Lab ID:	11I0023-09

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Mercury	0.00200	ND	0.00212	106	75 - 125

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW13-25

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 6010C
Batch:	B036820	Preparation:	SW-846 3005A Dissolved
% Solids:		Laboratory ID:	B036820-MS1
Column:		Sample Lab ID:	11I0023-02

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.0389	0.553	103	75 - 125
Chromium (dissolved)	0.500	ND	0.501	100	75 - 125

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DUPLICATES

PW13-25

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B036820-DUP1
Batch:	B036820	Initial/Final:	50 mL / 50 mL
Preparation:	SW-846 3005A Dissolved	Analysis:	SW-846 6010C

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Cadmium (dissolved)	0.0389	0.0386	0.854		20
Chromium (dissolved)	ND	0.010 U			20

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 7470A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 7470A Prep
Batch:	B036703	Laboratory ID:	B036703-BS1
Column:		Initial/Final:	6 mL / 6 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Mercury	0.00200	0.00209	105	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Mercury	0.00200	0.00216	108	3.11	20	80 - 120

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3010A
Batch:	B036715	Laboratory ID:	B036715-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Arsenic	0.500	0.544	109	80 - 120
Barium	0.500	0.509	102	80 - 120
Cadmium	0.500	0.538	108	80 - 120
Chromium	0.500	0.501	100	80 - 120
Lead	0.500	0.488	97.5	80 - 120
Selenium	0.500	0.593	119	80 - 120
Silver	0.500	0.505	101	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Arsenic	0.500	0.550	110	1.04	20	80 - 120
Barium	0.500	0.509	102	0.0311	20	80 - 120
Cadmium	0.500	0.540	108	0.357	20	80 - 120
Chromium	0.500	0.503	101	0.384	20	80 - 120
Lead	0.500	0.484	96.8	0.783	20	80 - 120
Selenium	0.500	0.580	116	2.14	20	80 - 120
Silver	0.500	0.509	102	0.763	20	80 - 120

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A
Batch:	B036819	Laboratory ID:	B036819-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Cadmium	0.500	0.517	103	80 - 120
Chromium	0.500	0.498	99.6	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium	0.500	0.543	109	4.90	20	80 - 120
Chromium	0.500	0.520	104	4.27	20	80 - 120

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A Dissolved
Batch:	B036820	Laboratory ID:	B036820-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.527	105	80 - 120
Chromium (dissolved)	0.500	0.514	103	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium (dissolved)	0.500	0.541	108	2.73	20	80 - 120
Chromium (dissolved)	0.500	0.528	106	2.70	20	80 - 120

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 11I0023
Client: Ecology & Environment
Matrix: Water
Instrument: HG1

Analyte	MDL	MRL	Units	Method
Mercury	4.0E-5	0.00010	mg/L	SW-846 7470A

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 11I0023
Client: Ecology & Environment
Matrix: Water
Instrument: ICP1

Analyte	MDL	MRL	Units	Method
Arsenic	0.0086	0.010	mg/L	SW-846 6010C
Barium	0.015	0.050	mg/L	SW-846 6010C
Cadmium	0.0018	0.0040	mg/L	SW-846 6010C
Cadmium (dissolved)	0.0018	0.0040	mg/L	SW-846 6010C
Chromium	0.0034	0.010	mg/L	SW-846 6010C
Chromium (dissolved)	0.0034	0.010	mg/L	SW-846 6010C
Lead	0.0027	0.010	mg/L	SW-846 6010C
Selenium	0.016	0.050	mg/L	SW-846 6010C
Silver	0.0040	0.0050	mg/L	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 11I0023
Client: Ecology & Environment
Matrix: Water
Instrument: ICP2

Analyte	MDL	MRL	Units	Method
Cadmium	0.0018	0.0040	mg/L	SW-846 6010C
Chromium	0.0034	0.010	mg/L	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SW-846 7470A

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036703	Batch Matrix:	Water	Preparation:	SW-846 7470A Prep

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
IDWS-1	11I0023-09	09/02/11 09:33	6.00	6.00
Blank	B036703-BLK1	09/02/11 09:33	6.00	6.00
LCS	B036703-BS1	09/02/11 09:33	6.00	6.00
LCS Dup	B036703-BSD1	09/02/11 09:33	6.00	6.00
IDWS-1	B036703-MS1	09/02/11 09:33	6.00	6.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036715 Batch Matrix: Water	Preparation:	SW-846 3010A

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
IDWS-1	11I0023-09	09/02/11 12:02	50.00	50.00
Blank	B036715-BLK1	09/02/11 12:02	50.00	50.00
LCS	B036715-BS1	09/02/11 12:02	50.00	50.00
LCS Dup	B036715-BSD1	09/02/11 12:02	50.00	50.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036819	Batch Matrix:	Water	Preparation:	SW-846 3005A

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
PW13-25	11I0023-02	09/06/11 16:38	50.00	50.00
PW13-50	11I0023-03	09/06/11 16:38	50.00	50.00
PW13-75	11I0023-04	09/06/11 16:38	50.00	50.00
PW13-100	11I0023-05	09/06/11 16:38	50.00	50.00
PW13-125	11I0023-06	09/06/11 16:38	50.00	50.00
PW13-125Q	11I0023-07	09/06/11 16:38	50.00	50.00
PW13-150	11I0023-08	09/06/11 16:38	50.00	50.00
Blank	B036819-BLK1	09/06/11 16:38	50.00	50.00
LCS	B036819-BS1	09/06/11 16:38	50.00	50.00
LCS Dup	B036819-BSD1	09/06/11 16:38	50.00	50.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036820	Batch Matrix:	Water	Preparation:	SW-846 3005A Dissolved

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
PW13-25	11I0023-02	09/06/11 16:40	50.00	50.00
PW13-50	11I0023-03	09/06/11 16:40	50.00	50.00
PW13-75	11I0023-04	09/06/11 16:40	50.00	50.00
PW13-100	11I0023-05	09/06/11 16:40	50.00	50.00
PW13-125	11I0023-06	09/06/11 16:40	50.00	50.00
PW13-125Q	11I0023-07	09/06/11 16:40	50.00	50.00
PW13-150	11I0023-08	09/06/11 16:40	50.00	50.00
Blank	B036820-BLK1	09/06/11 16:40	50.00	50.00
LCS	B036820-BS1	09/06/11 16:40	50.00	50.00
LCS Dup	B036820-BSD1	09/06/11 16:40	50.00	50.00
PW13-25	B036820-DUP1	09/06/11 16:40	50.00	50.00
PW13-25	B036820-MS1	09/06/11 16:40	50.00	50.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SAMPLE DATA

ANALYSIS SEQUENCE

S001067

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/28/2011 12:11:19PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001067-ICV1	QC		1		1108131	1109006		
S001067-ICB1	QC		2		1108024	1109006		
S001067-LCV1	QC		3		1106009	1109006		
S001067-CCV1	QC		4		1109214	1109006		
S001067-CCV2	QC		5		1109214	1109006		
S001067-IFA1	QC		6		1108120	1109006		
S001067-IFB1	QC		7		1108121	1109006		
S001067-CCV3	QC		8		1109214	1109006		
S001067-CCB2	QC		9		1108024	1109006		
B036820-BLK1	QC		10			1109006		
B036820-BS1	QC		11			1109006		
B036820-BSD1	QC		12			1109006		
11I0023-02	Cadmium 6010 Dissolved	D	13			1109006	Ecology & Environment	
11I0023-02	Chromium 6010 Dissolved	D	14			1109006	Ecology & Environment	
B036820-DUP1	QC		15			1109006		
B036820-MS1	QC		16			1109006		
11I0023-03	Cadmium 6010 Dissolved	D	17			1109006	Ecology & Environment	
11I0023-03	Chromium 6010 Dissolved	D	18			1109006	Ecology & Environment	
11I0023-04	Cadmium 6010 Dissolved	E	19			1109006	Ecology & Environment	
11I0023-04	Chromium 6010 Dissolved	E	20			1109006	Ecology & Environment	
S001067-CCV4	QC		21		1109214	1109006		
S001067-CCB3	QC		22		1108024	1109006		
11I0023-05	Cadmium 6010 Dissolved	D	23			1109006	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001067

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/28/2011 12:11:19PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
11I0023-05	Chromium 6010 Dissolved	D	24			1109006	Ecology & Environment	
11I0023-06	Cadmium 6010 Dissolved	D	25			1109006	Ecology & Environment	
11I0023-06	Chromium 6010 Dissolved	D	26			1109006	Ecology & Environment	
11I0023-07	Cadmium 6010 Dissolved	D	27			1109006	Ecology & Environment	
11I0023-07	Chromium 6010 Dissolved	D	28			1109006	Ecology & Environment	
11I0023-08	Cadmium 6010 Dissolved	D	29			1109006	Ecology & Environment	
11I0023-08	Chromium 6010 Dissolved	D	30			1109006	Ecology & Environment	
S001067-CCV5	QC		31		1109214	1109006		
S001067-CCB4	QC		32		1108024	1109006		
S001067-IFA2	QC		33		1108120	1109006		
S001067-IFB2	QC		34		1108121	1109006		
S001067-CCV6	QC		35		1109214	1109006		
S001067-CCB5	QC		36		1108024	1109006		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 09/06/11 16:40 | B036820 | **Printed: 9/28/2011 12:05:30PM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A Dissolved

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036820-BLK1	Blank	50	50		|	
B036820-BS1	LCS	50	50		250 |	
B036820-BSD1	LCS Dup	50	50		250 |	
B036820-DUP1	Duplicate [11I0023-02]	50	50		|	
B036820-MS1	Matrix Spike [11I0023-02]	50	50		250 |	
11I0023-02	PW13-25	50	50		Ecology & Environment	Added for BatchQC in: B036820
11I0023-03	PW13-50	50	50	09/09/11	Ecology & Environment	
11I0023-04	PW13-75	50	50	09/09/11	Ecology & Environment	
11I0023-05	PW13-100	50	50	09/09/11	Ecology & Environment	
11I0023-06	PW13-125	50	50	09/09/11	Ecology & Environment	
11I0023-07	PW13-125Q	50	50	09/09/11	Ecology & Environment	
11I0023-08	PW13-150	50	50	09/09/11	Ecology & Environment	
11I0071-01	MH-1	50	50	09/12/11		
11I0071-02	MH-2	50	50	09/12/11		
11I0071-03	MH-3	50	50	09/12/11		
11I0071-04	MH-4	50	50	09/12/11		
11I0071-05	MH-5	50	50	09/12/11		
11I0071-06	MS-03	50	50	09/12/11		
11I0071-07	MS-05	50	50	09/12/11		
11I0071-08	Sea Water	50	50	09/12/11		

As Cd Cr Cu Ni Pb Zn

Ag

Standard(s):
1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036
1107202	Hydrochloric Acid 36.5-38%	K12046

Sr 2 @ 94.9C
Eppendorf 4035696
samples field filt and pH<2
Witness DMM 9/6/11

DMM 9/6/11
Prepared By Date

Preparation Reviewed By 9/26/11 Date

OPTIMA 1
09/07/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-ICV	Y		%		9/7/2011	9:08:08 AM	3191685	1			
SEQ-ICV	Cd	1.0580	mg/L	106	9/7/2011	9:08:11 AM	32611	1	1.0497	1.0604	1.0639
SEQ-ICV	Cr	1.0256	mg/L	103	9/7/2011	9:08:11 AM	28805	1	1.0171	1.0319	1.0278
SEQ-ICB/CCB	Y		%		9/7/2011	9:17:07 AM	3131470	1			
SEQ-ICB/CCB	Cd	0.0002	mg/L		9/7/2011	9:17:29 AM	6	9	0.0002	0.0002	0.0002
SEQ-ICB/CCB	Cr	0.0005	mg/L		9/7/2011	9:17:29 AM	13	29	0.0004	0.0004	0.0006
6010C Low Level	Y		%		9/7/2011	9:23:34 AM	3226338	1			
6010C Low Level	Cd	0.0043	mg/L	106	9/7/2011	9:23:57 AM	131	2	0.0042	0.0042	0.0043
6010C Low Level	Cr	0.0103	mg/L	103	9/7/2011	9:23:57 AM	289	1	0.0102	0.0103	0.0104
SEQ-CCV 17	Y		%		9/7/2011	9:32:16 AM	4748770	4			
SEQ-CCV 17	Cd	-0.0009	mg/L		9/7/2011	9:32:39 AM	-28	7	-0.0010	-0.0008	-0.0009
SEQ-CCV 17	Cr	0.0000	mg/L		9/7/2011	9:32:39 AM	1	191	0.0001	0.0000	0.0001
SEQ-CCV 17	Y		%		9/7/2011	9:37:32 AM	3161975	1			
SEQ-CCV 17	Cd	4.9984	mg/L	100	9/7/2011	9:37:32 AM	154067	0	4.9887	5.0047	5.0018
SEQ-CCV 17	Cr	5.0577	mg/L	101	9/7/2011	9:37:32 AM	142046	0	5.0534	5.0608	5.0589
SEQ-IFA	Y		%		9/7/2011	10:03:17 AM	2891724	1			
SEQ-IFA	Cd	0.0022	mg/L	55	9/7/2011	10:03:40 AM	68	7	0.0024	0.0022	0.0021
SEQ-IFA	Cr	-0.0030	mg/L	-30	9/7/2011	10:03:40 AM	-85	6	-0.0032	-0.0031	-0.0028
SEQ-IFB	Y		%		9/7/2011	10:08:44 AM	2940810	0			
SEQ-IFB	Cd	1.0275	mg/L	103	9/7/2011	10:08:46 AM	31670	1	1.0302	1.0127	1.0394
SEQ-IFB	Cr	0.4930	mg/L	99	9/7/2011	10:08:46 AM	13845	1	0.4970	0.4850	0.4969
SEQ-CCV 17	Y		%		9/7/2011	3:52:13 PM	3191065	1			
SEQ-CCV 17	Cd	5.1313	mg/L	103	9/7/2011	3:52:13 PM	158163	0	5.1292	5.1305	5.1341
SEQ-CCV 17	Cr	5.0513	mg/L	101	9/7/2011	3:52:13 PM	141867	0	5.0491	5.0489	5.0559
SEQ-ICB/CCB	Y		%		9/7/2011	4:03:41 PM	3266262	1			
SEQ-ICB/CCB	Cd	0.0002	mg/L		9/7/2011	4:04:03 PM	5	38	0.0002	0.0002	0.0001
SEQ-ICB/CCB	Cr	0.0006	mg/L		9/7/2011	4:04:03 PM	16	31	0.0008	0.0005	0.0005
B036820-BLK1	Y		%		9/7/2011	4:10:57 PM	3209777	1			
B036820-BLK1	Cd	0.0006	mg/L		9/7/2011	4:11:19 PM	20	25	0.0008	0.0006	0.0005
B036820-BLK1	Cr	0.0004	mg/L		9/7/2011	4:11:19 PM	12	28	0.0003	0.0005	0.0005
B036820-BS1	Y		%		9/7/2011	4:15:22 PM	3208124	1			
B036820-BS1	Cd	0.5267	mg/L		9/7/2011	4:15:24 PM	16234	1	0.5293	0.5275	0.5233
B036820-BS1	Cr	0.5139	mg/L		9/7/2011	4:15:24 PM	14432	0	0.5160	0.5132	0.5124
B036820-BSD1	Y		%		9/7/2011	4:20:46 PM	3218799	0			
B036820-BSD1	Cd	0.5413	mg/L		9/7/2011	4:20:48 PM	16683	1	0.5427	0.5381	0.5430
B036820-BSD1	Cr	0.5280	mg/L		9/7/2011	4:20:48 PM	14828	0	0.5289	0.5272	0.5278
11I0023-02	Y		%		9/7/2011	4:26:12 PM	3105347	0			
11I0023-02	Cd	0.0389	mg/L		9/7/2011	4:26:34 PM	1200	0	0.0390	0.0389	0.0389
11I0023-02	Cr	0.0002	mg/L		9/7/2011	4:26:34 PM	6	82	0.0003	0.0003	0.0000
B036820-DUP1	Y		%		9/7/2011	4:30:38 PM	3087080	1			
B036820-DUP1	Cd	0.0386	mg/L		9/7/2011	4:31:01 PM	1190	1	0.0383	0.0386	0.0389
B036820-DUP1	Cr	0.0001	mg/L		9/7/2011	4:31:01 PM	3	62	0.0002	0.0001	0.0000
B036820-MS1	Y		%		9/7/2011	4:34:09 PM	3079137	2			
B036820-MS1	Cd	0.5535	mg/L		9/7/2011	4:34:12 PM	17060	0	0.5549	0.5551	0.5503
B036820-MS1	Cr	0.5013	mg/L		9/7/2011	4:34:12 PM	14079	1	0.5078	0.5002	0.4959
11I0023-03	Y		%		9/7/2011	4:48:31 PM	3158967	1			
11I0023-03	Cd	0.0105	mg/L		9/7/2011	4:48:53 PM	325	1	0.0104	0.0107	0.0106
11I0023-03	Cr	0.0003	mg/L		9/7/2011	4:48:53 PM	7	55	0.0001	0.0003	0.0004
11I0023-04	Y		%		9/7/2011	4:52:56 PM	3119278	0			
11I0023-04	Cd	0.0051	mg/L		9/7/2011	4:53:19 PM	157	2	0.0052	0.0050	0.0050
11I0023-04	Cr	0.0000	mg/L		9/7/2011	4:53:19 PM	0	2174	0.0003	-0.0001	-0.0002
SEQ-CCV 17	Y		%		9/7/2011	4:58:24 PM	3200632	1			
SEQ-CCV 17	Cd	5.1168	mg/L	102	9/7/2011	4:58:24 PM	157717	0	5.1298	5.1249	5.0957
SEQ-CCV 17	Cr	5.0174	mg/L	100	9/7/2011	4:58:24 PM	140914	0	5.0220	5.0040	5.0261
SEQ-ICB/CCB	Y		%		9/7/2011	5:09:11 PM	3220367	0			
SEQ-ICB/CCB	Cd	0.0002	mg/L		9/7/2011	5:09:34 PM	7	61	0.0004	0.0002	0.0002
SEQ-ICB/CCB	Cr	0.0003	mg/L		9/7/2011	5:09:34 PM	9	3	0.0003	0.0003	0.0003
11I0023-05	Y		%		9/7/2011	5:13:35 PM	3107304	1			
11I0023-05	Cd	0.0012	mg/L		9/7/2011	5:13:57 PM	38	18	0.0014	0.0010	0.0012
11I0023-05	Cr	0.0005	mg/L		9/7/2011	5:13:57 PM	13	61	0.0005	0.0002	0.0007
11I0023-06	Y		%		9/7/2011	5:18:00 PM	3166955	1			
11I0023-06	Cd	0.0006	mg/L		9/7/2011	5:18:22 PM	19	6	0.0006	0.0006	0.0006
11I0023-06	Cr	0.0002	mg/L		9/7/2011	5:18:22 PM	5	69	0.0001	0.0003	0.0002
11I0023-07	Y		%		9/7/2011	5:22:25 PM	3191277	0			
11I0023-07	Cd	0.0003	mg/L		9/7/2011	5:22:47 PM	9	34	0.0004	0.0003	0.0002
11I0023-07	Cr	0.0000	mg/L		9/7/2011	5:22:47 PM	-1	298	-0.0001	0.0001	-0.0001
11I0023-08	Y		%		9/7/2011	5:26:50 PM	3121461	1			
11I0023-08	Cd	0.0005	mg/L		9/7/2011	5:27:13 PM	17	18	0.0006	0.0004	0.0006
11I0023-08	Cr	-0.0002	mg/L		9/7/2011	5:27:13 PM	-5	135	0.0000	-0.0004	-0.0001
SEQ-CCV 17	Y		%		9/7/2011	6:05:34 PM	3023441	1			
SEQ-CCV 17	Cd	5.1485	mg/L	103	9/7/2011	6:05:34 PM	158694	0	5.1582	5.1423	5.1449
SEQ-CCV 17	Cr	5.0793	mg/L	102	9/7/2011	6:05:34 PM	142654	0	5.0673	5.0847	5.0860
SEQ-ICB/CCB	Y		%		9/7/2011	6:20:46 PM	3117380	1			

OPTIMA 1
09/07/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-ICB/CCB	Cd	0.0002	mg/L		9/7/2011	6:21:08 PM	5	73	0.0003	0.0001	0.0001
SEQ-ICB/CCB	Cr	0.0003	mg/L		9/7/2011	6:21:08 PM	9	53	0.0002	0.0005	0.0002
SEQ-IFA	Y		%		9/7/2011	8:05:30 PM	2785530	2			
SEQ-IFA	Cd	0.0023	mg/L		9/7/2011	8:05:52 PM	72	1	0.0023	0.0023	0.0023
SEQ-IFA	Cr	-0.0026	mg/L		9/7/2011	8:05:52 PM	-72	5	-0.0027	-0.0024	-0.0025
SEQ-IFB	Y		%		9/7/2011	8:10:58 PM	2797670	1			
SEQ-IFB	Cd	1.0386	mg/L	104	9/7/2011	8:11:00 PM	32014	1	1.0328	1.0431	1.0399
SEQ-IFB	Cr	0.4944	mg/L	99	9/7/2011	8:11:00 PM	13886	0	0.4945	0.4957	0.4931
SEQ-CCV 17	Y		%		9/7/2011	8:16:24 PM	3063204	1			
SEQ-CCV 17	Cd	5.0712	mg/L	101	9/7/2011	8:16:24 PM	156312	0	5.0756	5.0680	5.0700
SEQ-CCV 17	Cr	5.1185	mg/L	102	9/7/2011	8:16:24 PM	143755	0	5.1105	5.1164	5.1288
SEQ-ICB/CCB	Y		%		9/7/2011	8:35:57 PM	3098814	0			
SEQ-ICB/CCB	Cd	0.0003	mg/L		9/7/2011	8:36:19 PM	9	8	0.0003	0.0003	0.0003
SEQ-ICB/CCB	Cr	0.0003	mg/L		9/7/2011	8:36:19 PM	10	30	0.0004	0.0002	0.0003

ANALYSIS SEQUENCE

S001069

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/28/2011 4:53:30PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001069-ICV1	QC		1		1108131	1109006		
S001069-ICB1	QC		2		1108024	1109006		
S001069-LCV1	QC		3		1106009	1109006		
S001069-LCV2	QC		4		1106009	1109006		
S001069-CCV1	QC		5		1109214	1109006		
S001069-IFA1	QC		6		1108120	1109006		
S001069-IFB1	QC		7		1108121	1109006		
S001069-CCV2	QC		8		1109214	1109006		
S001069-CCB2	QC		9		1108024	1109006		
B036819-BLK1	QC		10			1109006		
B036819-BS1	QC		11			1109006		
B036819-BSD1	QC		12			1109006		
S001069-CCV3	QC		13		1109214	1109006		
S001069-CCB3	QC		14		1108024	1109006		
S001069-CCB4	QC		15		1108024	1109006		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 09/06/11 16:38 | B036819 | **Printed: 9/6/2011 5:33:15PM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036819-BLK1	Blank	50	50		|	
B036819-BS1	LCS	50	50		250 |	
B036819-BSD1	LCS Dup	50	50		250 |	
B036819-DUP1	Duplicate [11I0071-01]	50	50		|	
B036819-MS1	Matrix Spike [11I0071-01]	50	50		250 |	
11H1166-01	System Effluent	50	50	09/08/11		
11H1166-03	System Influent	50	50	09/08/11		
11I0023-02	PW13-25	50	50	09/09/11	Ecology & Environment	
11I0023-03	PW13-50	50	50	09/09/11	Ecology & Environment	
11I0023-04	PW13-75	50	50	09/09/11	Ecology & Environment	
11I0023-05	PW13-100	50	50	09/09/11	Ecology & Environment	
11I0023-06	PW13-125	50	50	09/09/11	Ecology & Environment	
11I0023-07	PW13-125Q	50	50	09/09/11	Ecology & Environment	
11I0023-08	PW13-150	50	50	09/09/11	Ecology & Environment	
11I0071-01	MH-1	50	50	09/12/11		
11I0071-02	MH-2	50	50	09/12/11		
11I0071-03	MH-3	50	50	09/12/11		
11I0071-04	MH-4	50	50	09/12/11		
11I0071-05	MH-5	50	50	09/12/11		
11I0071-06	MS-03	50	50	09/12/11		
11I0071-07	MS-05	50	50	09/12/11		
11I0071-08	Sea Water	50	50	09/12/11		

As Cd Cr Cu Fe Ni Pb Zn

Ag

Standard(s):
1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036
1107202	Hydrochloric Acid 36.5-38%	K12046

Sr 2 @ 94.9C
Eppendorf 4035696
w/icpms b036821
Witness
9/6/11

Prepared By 9/6/11 Date

Preparation Reviewed By 9/8/11 9/28/11 Date

OPTIMA 2
09/07/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		9/7/2011	10:16:38 AM	4442912	0			
Calib Blank 1	Cd		mg/L		9/7/2011	10:17:00 AM	254	2			
Calib Blank 1	Cr		mg/L		9/7/2011	10:16:40 AM	51	23			
S1-17	Y		%		9/7/2011	10:19:49 AM	4438173	1			
S1-17	Cd		mg/L		9/7/2011	10:19:49 AM	809168	0			
S1-17	Cr		mg/L		9/7/2011	10:19:49 AM	1092042	0			
ICV/QCS QC26	Y		%		9/7/2011	10:37:47 AM	4389846	1			
ICV/QCS QC26	Cd	1.0621	mg/L	106	9/7/2011	10:37:49 AM	85945	1	1.0567	1.0608	1.0690
ICV/QCS QC26	Cr	1.0188	mg/L	102	9/7/2011	10:37:49 AM	111255	1	1.0117	1.0132	1.0315
CCB BLANK	Y		%		9/7/2011	10:49:58 AM	4400513	0			
CCB BLANK	Cd	0.0001	mg/L		9/7/2011	10:50:21 AM	5	144	0.0000	0.0001	0.0001
CCB BLANK	Cr	-0.0002	mg/L		9/7/2011	10:50:01 AM	-24	158	0.0002	-0.0005	-0.0004
6010C LowLvl	Y		%		9/7/2011	10:57:27 AM	4452039	0			
6010C LowLvl	Cd	0.0044	mg/L	110	9/7/2011	10:57:49 AM	356	1	0.0045	0.0044	0.0044
6010C LowLvl	Cr	0.0101	mg/L	101	9/7/2011	10:57:29 AM	1106	3	0.0103	0.0098	0.0103
6010C LowLvl	Y		%		9/7/2011	11:02:45 AM	4503380	1			
6010C LowLvl	Cd	0.0044	mg/L	109	9/7/2011	11:03:07 AM	352	2	0.0044	0.0042	0.0044
6010C LowLvl	Cr	0.0102	mg/L	102	9/7/2011	11:02:47 AM	1111	3	0.0104	0.0103	0.0099
5S1-17 CCV/IPC	Y		%		9/7/2011	11:12:49 AM	4471861	1			
5S1-17 CCV/IPC	Cd	5.0729	mg/L	101	9/7/2011	11:12:49 AM	410486	1	5.0152	5.0936	5.1100
5S1-17 CCV/IPC	Cr	5.0202	mg/L	100	9/7/2011	11:12:49 AM	548229	1	4.9712	5.0361	5.0533
INTCHKA	Y		%		9/7/2011	11:36:57 AM	4078092	1			
INTCHKA	Cd	0.0021	mg/L		9/7/2011	11:37:17 AM	171	15	0.0017	0.0022	0.0024
INTCHKA	Cr	-0.0018	mg/L		9/7/2011	11:37:17 AM	-200	7	-0.0020	-0.0018	-0.0017
INTCHKAB	Y		%		9/7/2011	11:41:44 AM	4138601	1			
INTCHKAB	Cd	1.0775	mg/L	108	9/7/2011	11:41:44 AM	87185	1	1.0697	1.0799	1.0828
INTCHKAB	Cr	0.5091	mg/L	102	9/7/2011	11:41:44 AM	55601	1	0.5047	0.5107	0.5121
5S1-17 CCV/IPC	Y		%		9/7/2011	3:33:19 PM	4591417	0			
5S1-17 CCV/IPC	Cd	5.0579	mg/L	101	9/7/2011	3:33:19 PM	409270	0	5.0614	5.0677	5.0447
5S1-17 CCV/IPC	Cr	4.8796	mg/L	98	9/7/2011	3:33:19 PM	532871	0	4.8795	4.8768	4.8824
CCB BLANK	Y		%		9/7/2011	3:44:44 PM	4695541	1			
CCB BLANK	Cd	0.0000	mg/L		9/7/2011	3:45:06 PM	1	856	-0.0001	0.0001	0.0000
CCB BLANK	Cr	-0.0004	mg/L		9/7/2011	3:44:46 PM	-39	90	-0.0001	-0.0007	-0.0002
B036819-BLK1	Y		%		9/7/2011	3:53:15 PM	4460607	1			
B036819-BLK1	Cd	0.0001	mg/L		9/7/2011	3:53:38 PM	5	135	0.0002	0.0000	0.0000
B036819-BLK1	Cr	0.0000	mg/L		9/7/2011	3:53:17 PM	-2	1019	0.0000	0.0002	-0.0002
B036819-BS1	Y		%		9/7/2011	3:57:59 PM	4554085	0			
B036819-BS1	Cd	0.5170	mg/L		9/7/2011	3:58:02 PM	41836	1	0.5231	0.5152	0.5128
B036819-BS1	Cr	0.4981	mg/L		9/7/2011	3:58:02 PM	54396	1	0.5048	0.4959	0.4936
B036819-BSD1	Y		%		9/7/2011	4:03:43 PM	4382667	1			
B036819-BSD1	Cd	0.5430	mg/L		9/7/2011	4:03:45 PM	43936	1	0.5469	0.5429	0.5391
B036819-BSD1	Cr	0.5199	mg/L		9/7/2011	4:03:45 PM	56772	1	0.5233	0.5208	0.5155
5S1-17 CCV/IPC	Y		%		9/7/2011	5:09:17 PM	4285687	0			
5S1-17 CCV/IPC	Cd	5.0796	mg/L	102	9/7/2011	5:09:17 PM	411026	1	5.0358	5.1255	5.0776
5S1-17 CCV/IPC	Cr	4.9299	mg/L	99	9/7/2011	5:09:17 PM	538367	1	4.8861	4.9637	4.9399
CCB BLANK	Y		%		9/7/2011	5:20:41 PM	4305457	1			
CCB BLANK	Cd	0.0002	mg/L		9/7/2011	5:21:04 PM	13	43	0.0002	0.0002	0.0001
CCB BLANK	Cr	0.0001	mg/L		9/7/2011	5:20:44 PM	9	404	0.0005	-0.0002	0.0000
CCB BLANK	Y		%		9/7/2011	5:25:22 PM	4299690	1			
CCB BLANK	Cd	0.0002	mg/L		9/7/2011	5:25:45 PM	16	41	0.0002	0.0003	0.0001
CCB BLANK	Cr	-0.0001	mg/L		9/7/2011	5:25:24 PM	-11	615	-0.0008	0.0004	0.0001

ANALYSIS SEQUENCE

S001070

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/28/2011 5:07:46PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001070-ICV1	QC		1		1108131	1109006		
S001070-ICB1	QC		2		1108024	1109006		
S001070-CCB2	QC		3		1108024	1109006		
S001070-LCV1	QC		4		1106009	1109006		
S001070-LCV2	QC		5		1106009	1109006		
S001070-CCV1	QC		6		1109214	1109006		
S001070-IFA1	QC		7		1108120	1109006		
S001070-IFB1	QC		8		1108121	1109006		
11I0071-01	Cadmium 6010 Total	D	9			1109006		
11I0071-01	Chromium 6010 Total	D	10			1109006		
B036819-DUP1	QC		11			1108075		
B036819-MS1	QC		12			1108075		
11I0023-02	Cadmium 6010 Total	E	13				Ecology & Environment	
11I0023-02	Chromium 6010 Total	E	14				Ecology & Environment	
11I0023-03	Cadmium 6010 Total	E	15			1109006	Ecology & Environment	
11I0023-03	Chromium 6010 Total	E	16			1109006	Ecology & Environment	
11I0023-04	Cadmium 6010 Total	D	17			1109006	Ecology & Environment	
11I0023-04	Chromium 6010 Total	D	18			1109006	Ecology & Environment	
11I0023-05	Cadmium 6010 Total	E	19			1109006	Ecology & Environment	
11I0023-05	Chromium 6010 Total	E	20			1109006	Ecology & Environment	
11I0023-06	Cadmium 6010 Total	E	21			1109006	Ecology & Environment	
11I0023-06	Chromium 6010 Total	E	22			1109006	Ecology & Environment	
11I0023-07	Cadmium 6010 Total	E	23			1109006	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001070

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 9/28/2011 5:07:46PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
11I0023-07	Chromium 6010 Total	E	24			1109006	Ecology & Environment	
11I0023-08	Cadmium 6010 Total	E	25			1109006	Ecology & Environment	
11I0023-08	Chromium 6010 Total	E	26			1109006	Ecology & Environment	
S001070-CCV2	QC		27		1109214	1109006		
S001070-CCB3	QC		28		1108024	1109006		
S001070-IFA2	QC		29		1108120	1108075		
S001070-IFB2	QC		30		1108121	1108075		
S001070-CCV3	QC		31		1109214	1109006		
S001070-CCB4	QC		32		1108024	1109006		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 09/06/11 16:38 | B036819 | **Printed: 9/6/2011 5:33:15PM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036819-BLK1	Blank	50	50		|	
B036819-BS1	LCS	50	50		250 |	
B036819-BSD1	LCS Dup	50	50		250 |	
B036819-DUP1	Duplicate [11I0071-01]	50	50		|	
B036819-MS1	Matrix Spike [11I0071-01]	50	50		250 |	
11H1166-01	System Effluent	50	50	09/08/11		
11H1166-03	System Influent	50	50	09/08/11		
11I0023-02	PW13-25	50	50	09/09/11	Ecology & Environment	
11I0023-03	PW13-50	50	50	09/09/11	Ecology & Environment	
11I0023-04	PW13-75	50	50	09/09/11	Ecology & Environment	
11I0023-05	PW13-100	50	50	09/09/11	Ecology & Environment	
11I0023-06	PW13-125	50	50	09/09/11	Ecology & Environment	
11I0023-07	PW13-125Q	50	50	09/09/11	Ecology & Environment	
11I0023-08	PW13-150	50	50	09/09/11	Ecology & Environment	
11I0071-01	MH-1	50	50	09/12/11		
11I0071-02	MH-2	50	50	09/12/11		
11I0071-03	MH-3	50	50	09/12/11		
11I0071-04	MH-4	50	50	09/12/11		
11I0071-05	MH-5	50	50	09/12/11		
11I0071-06	MS-03	50	50	09/12/11		
11I0071-07	MS-05	50	50	09/12/11		
11I0071-08	Sea Water	50	50	09/12/11		

As Cd Cr Cu Fe Ni Pb Zn

Ag

Standard(s):
1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036
1107202	Hydrochloric Acid 36.5-38%	K12046

Sr 2 @ 94.9C
Eppendorf 4035696
w/icpms b036821
Witness
9/6/11

Prepared By 9/6/11 Date

Preparation Reviewed By 9/8/11 9/28/11 Date

OPTIMA 2
09/08/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		9/8/2011	2:57:57 PM	3876719	1			
Calib Blank 1	Cd		mg/L		9/8/2011	2:58:20 PM	210	2			
Calib Blank 1	Cr		mg/L		9/8/2011	2:57:59 PM	18	42			
S1-17	Y		%		9/8/2011	3:01:09 PM	3853048	1			
S1-17	Cd		mg/L		9/8/2011	3:01:09 PM	528247	0			
S1-17	Cr		mg/L		9/8/2011	3:01:09 PM	707405	0			
ICV/QCS QC26	Y		%		9/8/2011	3:18:42 PM	3979352	2			
ICV/QCS QC26	Cd	1.0568	mg/L	106	9/8/2011	3:18:44 PM	55826	2	1.0804	1.0604	1.0297
ICV/QCS QC26	Cr	1.0166	mg/L	102	9/8/2011	3:18:44 PM	71915	2	1.0355	1.0205	0.9937
CCB BLANK	Y		%		9/8/2011	3:23:24 PM	3875363	2			
CCB BLANK	Cd	0.0014	mg/L		9/8/2011	3:23:46 PM	73	26	0.0018	0.0012	0.0011
CCB BLANK	Cr	0.0015	mg/L		9/8/2011	3:23:26 PM	104	5	0.0016	0.0014	0.0014
CCB BLANK	Y		%		9/8/2011	3:35:56 PM	3953469	1			
CCB BLANK	Cd	-0.0001	mg/L		9/8/2011	3:36:19 PM	-8	14	-0.0002	-0.0001	-0.0001
CCB BLANK	Cr	0.0002	mg/L		9/8/2011	3:35:58 PM	15	271	0.0003	0.0008	-0.0004
6010C LowLvl	Y		%		9/8/2011	3:42:56 PM	3949733	2			
6010C LowLvl	Cd	0.0047	mg/L	117	9/8/2011	3:43:19 PM	248	3	0.0045	0.0047	0.0048
6010C LowLvl	Cr	0.0108	mg/L	108	9/8/2011	3:42:58 PM	764	2	0.0109	0.0106	0.0109
6010C LowLvl	Y		%		9/8/2011	3:46:59 PM	3869770	0			
6010C LowLvl	Cd	0.0047	mg/L	118	9/8/2011	3:47:21 PM	249	3	0.0047	0.0045	0.0049
6010C LowLvl	Cr	0.0106	mg/L	106	9/8/2011	3:47:01 PM	752	0	0.0106	0.0107	0.0106
5S1-17 CCV/IPC	Y		%		9/8/2011	3:50:59 PM	3889487	1			
5S1-17 CCV/IPC	Cd	5.2476	mg/L	105	9/8/2011	3:50:59 PM	277201	0	5.2241	5.2631	5.2555
5S1-17 CCV/IPC	Cr	5.1957	mg/L	104	9/8/2011	3:50:59 PM	367549	0	5.1749	5.2017	5.2106
INTCHKA	Y		%		9/8/2011	4:00:40 PM	3533374	1			
INTCHKA	Cd	0.0027	mg/L		9/8/2011	4:01:01 PM	143	6	0.0029	0.0025	0.0028
INTCHKA	Cr	-0.0005	mg/L		9/8/2011	4:01:01 PM	-37	19	-0.0004	-0.0005	-0.0006
INTCHKAB	Y		%		9/8/2011	4:05:28 PM	3517808	1			
INTCHKAB	Cd	1.0850	mg/L	109	9/8/2011	4:05:28 PM	57316	0	1.0860	1.0874	1.0816
INTCHKAB	Cr	0.5139	mg/L	103	9/8/2011	4:05:28 PM	36355	0	0.5137	0.5159	0.5122
11I0071-01	Y		%		9/8/2011	4:11:22 PM	2683027	1			
11I0071-01	Cd	0.0063	mg/L		9/8/2011	4:11:43 PM	332	5	0.0066	0.0063	0.0059
11I0071-01	Cr	0.0039	mg/L		9/8/2011	4:11:43 PM	274	1	0.0039	0.0039	0.0039
B036819-DUP1	Y		%		9/8/2011	4:17:04 PM	2693687	1			
B036819-DUP1	Cd	0.0052	mg/L		9/8/2011	4:17:24 PM	273	2	0.0053	0.0050	0.0052
B036819-DUP1	Cr	0.0034	mg/L		9/8/2011	4:17:24 PM	239	7	0.0036	0.0031	0.0034
B036819-MS1	Y		%		9/8/2011	4:21:18 PM	2723045	1			
B036819-MS1	Cd	0.5770	mg/L		9/8/2011	4:21:38 PM	30481	1	0.5699	0.5762	0.5850
B036819-MS1	Cr	0.5037	mg/L		9/8/2011	4:21:18 PM	35635	0	0.5032	0.5035	0.5045
11I0026-02	Y		%		9/8/2011	4:29:40 PM	3803310	0			
11I0026-02	Cd	0.0551	mg/L		9/8/2011	4:30:03 PM	2909	1	0.0551	0.0556	0.0544
11I0026-02	Cr	0.3466	mg/L		9/8/2011	4:29:43 PM	24518	2	0.3397	0.3520	0.3480
11I0023-03	Y		%		9/8/2011	4:34:31 PM	3821590	0			
11I0023-03	Cd	0.0240	mg/L		9/8/2011	4:34:54 PM	1267	0	0.0240	0.0241	0.0239
11I0023-03	Cr	0.4859	mg/L		9/8/2011	4:34:34 PM	34370	1	0.4822	0.4894	0.4860
11I0023-04	Y		%		9/8/2011	4:39:22 PM	3835747	1			
11I0023-04	Cd	0.1050	mg/L		9/8/2011	4:39:42 PM	5545	1	0.1050	0.1040	0.1059
11I0023-04	Cr	3.0392	mg/L		9/8/2011	4:39:22 PM	214996	0	3.0427	3.0339	3.0410
11I0023-05	Y		%		9/8/2011	4:44:10 PM	3916349	0			
11I0023-05	Cd	0.0047	mg/L		9/8/2011	4:44:30 PM	250	3	0.0046	0.0049	0.0047
11I0023-05	Cr	0.8514	mg/L		9/8/2011	4:44:10 PM	60228	0	0.8500	0.8536	0.8506
11I0023-06	Y		%		9/8/2011	4:49:00 PM	3919724	1			
11I0023-06	Cd	0.0027	mg/L		9/8/2011	4:49:22 PM	142	2	0.0027	0.0026	0.0027
11I0023-06	Cr	1.1026	mg/L		9/8/2011	4:49:02 PM	78001	2	1.0837	1.1024	1.1219
11I0023-07	Y		%		9/8/2011	4:53:52 PM	3871286	2			
11I0023-07	Cd	0.0031	mg/L		9/8/2011	4:53:54 PM	162	12	0.0035	0.0029	0.0028
11I0023-07	Cr	1.2289	mg/L		9/8/2011	4:53:54 PM	86933	2	1.2522	1.2100	1.2245
11I0023-08	Y		%		9/8/2011	4:58:45 PM	4106394	1			
11I0023-08	Cd	0.0054	mg/L		9/8/2011	4:59:05 PM	284	2	0.0055	0.0053	0.0054
11I0023-08	Cr	2.2669	mg/L		9/8/2011	4:58:45 PM	160360	0	2.2640	2.2691	2.2674
5S1-17 CCV/IPC	Y		%		9/8/2011	5:04:33 PM	3977230	1			
5S1-17 CCV/IPC	Cd	5.1700	mg/L	103	9/8/2011	5:04:33 PM	273105	0	5.1943	5.1598	5.1560
5S1-17 CCV/IPC	Cr	5.1083	mg/L	102	9/8/2011	5:04:33 PM	361364	0	5.1354	5.1012	5.0883
CCB BLANK	Y		%		9/8/2011	5:15:58 PM	3927381	1			
CCB BLANK	Cd	-0.0002	mg/L		9/8/2011	5:16:20 PM	-12	35	-0.0002	-0.0002	-0.0003
CCB BLANK	Cr	0.0002	mg/L		9/8/2011	5:16:00 PM	14	151	0.0005	-0.0001	0.0002
INTCHKA	Y		%		9/8/2011	11:03:38 PM	3614960	1			
INTCHKA	Cd	0.0021	mg/L		9/8/2011	11:03:59 PM	109	3	0.0021	0.0020	0.0021
INTCHKA	Cr	-0.0007	mg/L		9/8/2011	11:03:59 PM	-48	21	-0.0006	-0.0009	-0.0006
INTCHKAB	Y		%		9/8/2011	11:08:25 PM	3624754	1			
INTCHKAB	Cd	1.0948	mg/L	109	9/8/2011	11:08:25 PM	57834	1	1.0930	1.1013	1.0903
INTCHKAB	Cr	0.5032	mg/L	101	9/8/2011	11:08:25 PM	35596	0	0.5036	0.5035	0.5025
5S1-17 CCV/IPC	Y		%		9/8/2011	11:14:11 PM	4076113	1			

OPTIMA 2
09/08/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
5S1-17 CCV/IPC	Cd	5.2251	mg/L	105	9/8/2011	11:14:11 PM	276014	0	5.2306	5.2285	5.2162
5S1-17 CCV/IPC	Cr	5.0242	mg/L	100	9/8/2011	11:14:11 PM	355416	0	5.0368	5.0160	5.0199
CCB BLANK	Y		%		9/8/2011	11:25:36 PM	4046099	1			
CCB BLANK	Cd	-0.0004	mg/L		9/8/2011	11:25:59 PM	-20	24	-0.0004	-0.0003	-0.0005
CCB BLANK	Cr	0.0000	mg/L		9/8/2011	11:25:38 PM	-1	1587	0.0002	0.0000	-0.0003

ANALYSIS SEQUENCE

S001071

Instrument: HG1

Calibnration ID: UNASSIGNED

Printed: 9/28/2011 5:21:49PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001071-ICV1	QC		1		1108136			
S001071-CCV1	QC		2		1108137			
S001071-ICB1	QC		3		1105187			
S001071-CCV2	QC		4		1108137			
S001071-CCB1	QC		5		1105187			
B036703-BLK1	QC		6					
B036703-BS1	QC		7					
B036703-BSD1	QC		8					
11I0023-09	Mercury 7470/7471 TCLP	A 05	9				Ecology & Environment	
B036703-MS1	QC		10					
11I0041-01	Mercury 7470/7471 TCLP	A 05	11					
11I0041-02	Mercury 7470/7471 TCLP	A 05	12					
11H1014-02	Mercury 7470/7471 TCLP	A	13					
S001071-CCV3	QC		14		1108137			
S001071-CCB2	QC		15		1105187			

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 09/02/11 09:33 B036703 **Printed: 9/2/2011 3:12:51PM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 7470A Prep

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036703-BLK1	Blank	6	6		|	
B036703-BS1	LCS	6	6		20 |	
B036703-BSD1	LCS Dup	6	6		20 |	
B036703-MS1	Matrix Spike [11I0023-09]	6	6		20 |	
11I0023-09	IDWS-1	6	6	09/09/11	Ecology & Environment	
11I0041-01	TP-1	6	6	09/06/11		
11I0041-02	TP-2	6	6	09/06/11		

Hg

Standard(s):
1108080 Mercury Water Spike 0.6 ppm 20 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036
1106191	Sulfuric Acid	J42030
1108077	Hydroxylamine Hydrochloride + So	n/a
1108178	Mercury - Potassium Persulfate	n/a
1109001	Mercury - Potassium Permangana	n/a

HOT BATH, IN AT 1020AM AT 95.0°C ON 9/2/11, OUT AT 1220PM AT 95.3°C ON 9/2/11.
EPPENDORF# 1257613
SPIKE WITNESS AMR 9/2/11
~~BATCH SHARED QC WITH BATCH B036704~~
↳ AMP 9/6/11

Prepared By CMB 9-2-11 Date

Preparation Reviewed By AMP 9/6/11 Date

Analysis Begun

Logged In Analyst: FIMS100 Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550 Autosampler Model: S10

Sample Information File:
Batch ID:
Results Data Set: 090211
Results Library: Z:\data-AA\FIMS100\Results\results.mdb

Method Loaded
Method Name: main Method Last Saved: 1/21/2011 2:57:00 PM
Method Description: Hg 1-31-2008

Analyte	Calibration Equation	Wavelength
Hg 253.7	Lin, Calc Int	253.7

Sequence No.: 1 Autosampler Location: 1
Sample ID: Blank Date Collected: 9/2/2011 12:45:59 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: Blank

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0000	-0.0005	0.0000	12:46:51	Yes
2		[0.00]	0.0001	0.0009	0.0001	12:47:20	Yes
3		[0.00]	0.0000	-0.0010	0.0000	12:47:50	Yes
Mean:		[0.00]	0.0001				
SD:		0.00	0.0001				
%RSD:		0.00	114.17				

Auto-zero performed.

Sequence No.: 2 Autosampler Location: 2
Sample ID: Calib Std 1- 0.1ppb Date Collected: 9/2/2011 12:48:08 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: Calib Std 1- 0.1ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.1]	0.0012	0.0052	0.0013	12:48:59	Yes
2		[0.1]	0.0011	0.0034	0.0012	12:49:28	Yes
3		[0.1]	0.0013	0.0060	0.0013	12:49:57	Yes
Mean:		[0.1]	0.0012				
SD:		0.0	0.0001				
%RSD:		0.0	5.34				

Standard number 1 applied. [0.1]
Correlation Coef.: 1.000000 Slope: 0.01212 Intercept: 0.00000

Sequence No.: 3 Autosampler Location: 3
Sample ID: Calib Std 2- 0.5 ppb Date Collected: 9/2/2011 12:50:17 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Replicate Data: Calib Std 2- 0.5 ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.50]	0.0072	0.0354	0.0072	12:51:08	Yes
2		[0.50]	0.0075	0.0401	0.0075	12:51:37	Yes

3	[0.50]	0.0071	0.0347	0.0072	12:52:06	Yes
Mean:	[0.50]	0.0072				
SD:	0.00	0.0002				
%RSD:	0.00	2.71				

Standard number 2 applied. [0.50]
Correlation Coef.: 0.999448 Slope: 0.01465 Intercept: -0.00011

Sequence No.: 4 **Autosampler Location: 4**
Sample ID: Calib Std 3- 1.0 ppb **Date Collected: 9/2/2011 12:52:26 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: Calib Std 3- 1.0 ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.00]	0.0145	0.0728	0.0146	12:53:17	Yes
2		[1.00]	0.0144	0.0723	0.0144	12:53:46	Yes
3		[1.00]	0.0143	0.0721	0.0144	12:54:16	Yes
Mean:		[1.00]	0.0144				
SD:		0.00	0.0001				
%RSD:		0.00	0.69				

Standard number 3 applied. [1.00]
Correlation Coef.: 0.999859 Slope: 0.01451 Intercept: -0.00009

Sequence No.: 5 **Autosampler Location: 5**
Sample ID: Calib Std 4- 2.0ppb **Date Collected: 9/2/2011 12:54:36 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: Calib Std 4- 2.0ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.00]	0.0293	0.1489	0.0294	12:55:27	Yes
2		[2.00]	0.0289	0.1459	0.0290	12:55:56	Yes
3		[2.00]	0.0292	0.1457	0.0292	12:56:25	Yes
Mean:		[2.00]	0.0291				
SD:		0.00	0.0002				
%RSD:		0.00	0.62				

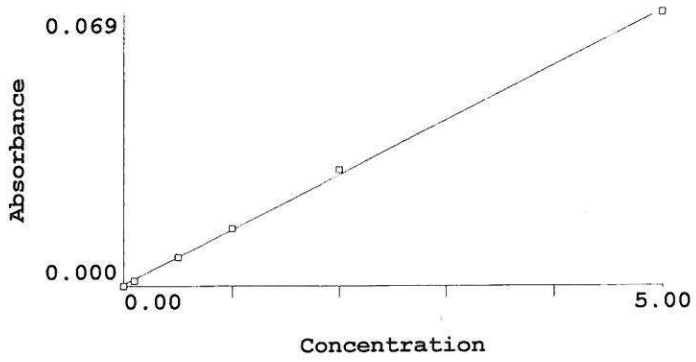
Standard number 4 applied. [2.00]
Correlation Coef.: 0.999960 Slope: 0.01461 Intercept: -0.00012

Sequence No.: 6 **Autosampler Location: 6**
Sample ID: Calib Std 5- 5.0ppb **Date Collected: 9/2/2011 12:56:46 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: Calib Std 5- 5.0ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.00]	0.0689	0.3483	0.0689	12:57:35	Yes
2		[5.00]	0.0690	0.3487	0.0690	12:58:04	Yes
3		[5.00]	0.0681	0.3465	0.0682	12:58:33	Yes
Mean:		[5.00]	0.0687				
SD:		0.00	0.0005				
%RSD:		0.00	0.67				

Standard number 5 applied. [5.00]
Correlation Coef.: 0.999659 Slope: 0.01376 Intercept: 0.00038



Calibration data for Hg 253.7 **Equation: Linear, Calculated Intercept**

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Blank	0.0000	0	-0.028	0.00	114.2
Calib Std 1- 0.1ppb	0.0012	0.1	0.060	0.00	5.3
Calib Std 2- 0.5 ppb	0.0072	0.50	0.498	0.00	2.7
Calib Std 3- 1.0 ppb	0.0144	1.00	1.018	0.00	0.7
Calib Std 4- 2.0ppb	0.0291	2.00	2.090	0.00	0.6
Calib Std 5- 5.0ppb	0.0687	5.00	4.961	0.00	0.7

Correlation Coef.: 0.999659 Slope: 0.01376 Intercept: 0.00038

Analytical Sequence
Method: main

Seq.	Loc.	ID	Status
1	1	Blank	Applied
2	2	Calib Std 1- 0.1ppb	Applied
3	3	Calib Std 2- 0.5 ppb	Applied
4	4	Calib Std 3- 1.0 ppb	Applied
5	5	Calib Std 4- 2.0ppb	Applied
6	6	Calib Std 5- 5.0ppb	Applied

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File:
Batch ID:
Results Data Set: 090211
Results Library: Z:\data-AA\FIMS100\Results\results.mdb

Sequence No.: 1
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 9/2/2011 12:59:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.187	2.187	0.0305	0.1538	0.0305	13:00:17	Yes
2	2.112	2.112	0.0294	0.1507	0.0295	13:00:47	Yes
3	2.179	2.179	0.0304	0.1517	0.0304	13:01:16	Yes
Mean:	2.159	2.159	0.0301				
SD:	0.041	0.041	0.0006				
%RSD:	1.902	1.902	1.88				

QC value within limits for Hg 253.7 Recovery = 107.97%
All analyte(s) passed QC.

Sequence No.: 2
Sample ID: IPC
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 8
Date Collected: 9/2/2011 1:01:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: IPC

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.102	2.102	0.0293	0.1496	0.0294	13:02:26	Yes
2	2.045	2.045	0.0285	0.1456	0.0286	13:02:55	Yes
3	2.101	2.101	0.0293	0.1463	0.0294	13:03:24	Yes
Mean:	2.083	2.083	0.0290				
SD:	0.033	0.033	0.0004				
%RSD:	1.564	1.564	1.54				

QC value within limits for Hg 253.7 Recovery = 104.14%
All analyte(s) passed QC.

Sequence No.: 3
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 9/2/2011 1:03:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.029	-0.029	-0.0000	-0.0004	0.0001	13:04:33	Yes
2	-0.031	-0.031	-0.0000	-0.0011	0.0000	13:05:02	Yes
3	-0.029	-0.029	-0.0000	-0.0007	0.0000	13:05:31	Yes
Mean:	-0.030	-0.030	-0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	4.376	4.376	66.22				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Replicate Data: 11I0048-04

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.545	0.545	0.0079	0.0416	0.0079	13:19:57	Yes
2	0.533	0.533	0.0077	0.0394	0.0078	13:20:26	Yes
Mean:	0.539	0.539	0.0078				
SD:	0.008	0.008	0.0001				
%RSD:	1.515	1.515	1.44				

Sequence No.: 13
Sample ID: 11I0048-05
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 9/2/2011 1:20:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 11I0048-05

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.009	-0.009	0.0003	0.0005	0.0003	13:21:37	Yes
2	-0.010	-0.010	0.0002	0.0009	0.0003	13:22:06	Yes
Mean:	-0.009	-0.009	0.0003				
SD:	0.001	0.001	0.0000				
%RSD:	10.72	10.72	5.48				

Sequence No.: 14
Sample ID: CCV 7471
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 9/2/2011 1:22:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: CCV 7471

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.058	2.058	0.0287	0.1457	0.0288	13:23:16	Yes
2	2.082	2.082	0.0290	0.1468	0.0291	13:23:46	Yes
3	2.046	2.046	0.0285	0.1456	0.0286	13:24:15	Yes
Mean:	2.062	2.062	0.0288				
SD:	0.019	0.019	0.0003				
%RSD:	0.900	0.900	0.89				

QC value within limits for Hg 253.7 Recovery = 103.11%
All analyte(s) passed QC.

Sequence No.: 15
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 9/2/2011 1:24:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	-0.0000	-0.0016	0.0000	13:25:24	Yes
2	-0.020	-0.020	0.0001	0.0011	0.0002	13:25:53	Yes
3	-0.026	-0.026	0.0000	0.0004	0.0001	13:26:22	Yes
Mean:	-0.025	-0.025	0.0000				
SD:	0.005	0.005	0.0001				
%RSD:	20.09	20.09	183.90				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 16
Sample ID: 11I0048-06
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 9/2/2011 1:26:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 11I0048-06

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.016	-0.016	0.0002	0.0006	0.0002	13:27:33	Yes
2	0.000	0.000	0.0004	0.0041	0.0005	13:28:02	Yes
Mean:	-0.008	-0.008	0.0003				
SD:	0.012	0.012	0.0002				
%RSD:	146.6	146.6	57.83				

Sequence No.: 17
Sample ID: B036703-BLK1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 49
Date Collected: 9/2/2011 1:28:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B036703-BLK1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.011	-0.011	0.0002	0.0025	0.0003	13:29:14	Yes
2	-0.018	-0.018	0.0001	0.0015	0.0002	13:29:43	Yes
Mean:	-0.015	-0.015	0.0002				
SD:	0.005	0.005	0.0001				
%RSD:	30.92	30.92	34.28				

Sequence No.: 18
Sample ID: B036703-BS1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 50
Date Collected: 9/2/2011 1:30:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B036703-BS1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.105	2.105	0.0294	0.1531	0.0294	13:30:54	Yes
2	2.081	2.081	0.0290	0.1537	0.0291	13:31:24	Yes
Mean:	2.093	2.093	0.0292				
SD:	0.017	0.017	0.0002				
%RSD:	0.831	0.831	0.82				

Sequence No.: 19
Sample ID: B036703-BSD1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 51
Date Collected: 9/2/2011 1:31:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B036703-BSD1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.152	2.152	0.0300	0.1570	0.0301	13:32:34	Yes
2	2.167	2.167	0.0302	0.1577	0.0303	13:33:03	Yes
Mean:	2.159	2.159	0.0301				
SD:	0.010	0.010	0.0001				
%RSD:	0.472	0.472	0.47				

Sequence No.: 20
Sample ID: 11I0023-09
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 52
Date Collected: 9/2/2011 1:33:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 11I0023-09

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	ug/L	ug/L	Signal	Area	Height		Stored
1	-0.026	-0.026	0.0000	-0.0004	0.0001	13:34:14	Yes
2	-0.024	-0.024	0.0001	0.0003	0.0001	13:34:43	Yes
Mean:	-0.025	-0.025	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	7.935	7.935	71.28				

Sequence No.: 21
Sample ID: B036703-MS1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 53
Date Collected: 9/2/2011 1:35:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B036703-MS1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.137	2.137	0.0298	0.1558	0.0299	13:35:53	Yes
2	2.103	2.103	0.0293	0.1533	0.0294	13:36:22	Yes
Mean:	2.120	2.120	0.0296				
SD:	0.024	0.024	0.0003				
%RSD:	1.146	1.146	1.13				

Sequence No.: 22
Sample ID: 11I0041-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 9/2/2011 1:36:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 11I0041-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	0.0000	0.0006	0.0001	13:37:32	Yes
2	-0.028	-0.028	0.0000	0.0000	0.0001	13:38:02	Yes
Mean:	-0.026	-0.026	0.0000				
SD:	0.002	0.002	0.0000				
%RSD:	7.410	7.410	136.70				

Sequence No.: 23
Sample ID: 11I0041-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 55
Date Collected: 9/2/2011 1:38:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 11I0041-02

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.025	-0.025	0.0000	0.0005	0.0001	13:39:12	Yes
2	-0.021	-0.021	0.0001	0.0008	0.0002	13:39:41	Yes
Mean:	-0.023	-0.023	0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	10.77	10.77	53.20				

Sequence No.: 24
Sample ID: 11H1014-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 9/2/2011 1:40:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 11H1014-02

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.129	0.129	0.0022	0.0121	0.0022	13:40:51	Yes
2	0.133	0.133	0.0022	0.0120	0.0023	13:41:20	Yes
Mean:	0.131	0.131	0.0022				

SD:	0.003	0.003	0.0000
%RSD:	2.051	2.051	1.69

Sequence No.: 25 **Autosampler Location:** 8
Sample ID: CCV 7471 **Date Collected:** 9/2/2011 1:41:40 PM
Analyst: **Data Type:** Original
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: CCV 7471

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.092	2.092	0.0292	0.1526	0.0292	13:42:31	Yes
2	2.067	2.067	0.0288	0.1503	0.0289	13:43:00	Yes
3	2.081	2.081	0.0290	0.1506	0.0291	13:43:29	Yes
Mean:	2.080	2.080	0.0290				
SD:	0.013	0.013	0.0002				
%RSD:	0.622	0.622	0.61				

QC value within limits for Hg 253.7 Recovery = 104.00%
All analyte(s) passed QC.

Sequence No.: 26 **Autosampler Location:** 1
Sample ID: CCB **Date Collected:** 9/2/2011 1:43:49 PM
Analyst: **Data Type:** Original
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Replicate Data: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.019	-0.019	0.0001	0.0011	0.0002	13:44:38	Yes
2	-0.017	-0.017	0.0002	0.0016	0.0002	13:45:07	Yes
3	-0.018	-0.018	0.0001	0.0011	0.0002	13:45:37	Yes
Mean:	-0.018	-0.018	0.0001				
SD:	0.001	0.001	0.0000				
%RSD:	7.084	7.084	13.32				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Analytical Sequence
Method: main

Seq.	Loc.	ID	Status
1	7	ICV	QC Passed
2	8	IPC	QC Passed
3	1	ICB	QC Passed
4	38	B036683-BLK1	Analyzed
5	39	B036683-BS1	Analyzed
6	40	B036683-BSD1	Analyzed
7	41	11H1254-01	Analyzed
8	42	11I0048-01	Analyzed
9	43	B036683-DUP1	Analyzed
10	44	B036683-MS1	Analyzed
11	45	11I0048-02	Analyzed
12	46	11I0048-04	Analyzed
13	47	11I0048-05	Analyzed
14	8	CCV 7471	QC Passed
15	1	CCB	QC Passed
16	48	11I0048-06	Analyzed
17	49	B036703-BLK1	Analyzed
18	50	B036703-BS1	Analyzed
19	51	B036703-BSD1	Analyzed
20	52	11I0023-09	Analyzed
21	53	B036703-MS1	Analyzed
22	54	11I0041-01	Analyzed
23	55	11I0041-02	Analyzed
24	56	11H1014-02	Analyzed
25	8	CCV 7471	QC Passed
26	1	CCB	QC Passed

9/7/11

ANALYSIS SEQUENCE

S001072

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/28/2011 5:45:19PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001072-ICV1	QC		1		1108131	1109006		
S001072-ICB1	QC		2		1108024	1109006		
S001072-LCV1	QC		3		1106009	1109006		
S001072-LCV2	QC		4		1106009	1109006		
S001072-LCV3	QC		5		1106009	1109006		
S001072-CCV1	QC		6		1109214	1109006		
S001072-CCV2	QC		7		1109218	1109006		
S001072-IFA1	QC		8		1108120	1109006		
S001072-IFB1	QC		9		1108121	1109006		
B036715-BSD1	QC		10			1109006		
11I0007-01	Lead 6010 TCLP	A 05	11			1109006		
B036715-BS1	QC		12			1109006		
11I0041-01	Arsenic 6010 TCLP	A 05	13			1109006		
11I0041-01	Cadmium 6010 TCLP	A 05	14			1109006		
11I0041-01	Chromium 6010 TCLP	A 05	15			1109006		
11I0041-01	Lead 6010 TCLP	A 05	16			1109006		
11I0041-01	Barium 6010 TCLP	A 05	17			1109006		
11I0041-01	Selenium 6010 TCLP	A 05	18			1109006		
11I0041-01	Silver 6010 TCLP	A 05	19			1109006		
B036715-MS1	QC		20			1109006		
11I0041-02	Arsenic 6010 TCLP	A 05	21			1109006		
11I0041-02	Barium 6010 TCLP	A 05	22			1109006		
11I0041-02	Cadmium 6010 TCLP	A 05	23			1109006		

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001072

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/28/2011 5:45:19PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
11I0041-02	Chromium 6010 TCLP	A 05	24			1109006		
11I0041-02	Lead 6010 TCLP	A 05	25			1109006		
11I0041-02	Selenium 6010 TCLP	A 05	26			1109006		
11I0041-02	Silver 6010 TCLP	A 05	27			1109006		
11I0023-09	Arsenic 6010 TCLP	A 05	28			1109006	Ecology & Environment	
11I0023-09	Cadmium 6010 TCLP	A 05	29			1109006	Ecology & Environment	
11I0023-09	Chromium 6010 TCLP	A 05	30			1109006	Ecology & Environment	
11I0023-09	Lead 6010 TCLP	A 05	31			1109006	Ecology & Environment	
11I0023-09	Barium 6010 TCLP	A 05	32			1109006	Ecology & Environment	
11I0023-09	Selenium 6010 TCLP	A 05	33			1109006	Ecology & Environment	
11I0023-09	Silver 6010 TCLP	A 05	34			1109006	Ecology & Environment	
B036715-BLK1	QC		35			1109006		
S001072-CCV3	QC		36		1109214	1109006		
S001072-CCV4	QC		37		1109218	1109006		
S001072-CCB2	QC		38		1108024	1109006		
S001072-CCB3	QC		39		1108024	1109006		
S001072-IFA2	QC		40		1108120	1109006		
S001072-IFA3	QC		41		1108120	1109006		
S001072-IFB2	QC		42		1108121	1109006		
S001072-CCV5	QC		43		1109214	1109006		
S001072-CCV6	QC		44		1109214	1109006		
S001072-CCV7	QC		45		1109218	1109006		
S001072-CCB4	QC		46		1108024	1109006		

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001072

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 9/28/2011 5:45:19PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001072-CCB5	QC		47		1108024	1109006		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 09/02/11 12:02 | B036715 | **Printed:** 9/2/2011 12:05:43PM

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3010A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B036715-BLK1	Blank	50	50		|	
B036715-BS1	LCS	50	50		250 |	
B036715-BSD1	LCS Dup	50	50		250 |	
B036715-MS1	Matrix Spike [11I0041-01]	50	50		250 |	
11I0007-01	SS-5A	50	50	09/06/11		
11I0023-09	IDWS-1	50	50	09/09/11	Ecology & Environment	
11I0041-01	TP-1	50	50	09/06/11		
11I0041-02	TP-2	50	50	09/06/11		

As Ba Cd Cr Pb Se

Ag

Standard(s):
1107027 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1106060	Nitric Acid 69-70%	K14036
1107202	Hydrochloric Acid 36.5-38%	K12046

Sr. 2 @ 95.2C by EMS 9/2/11

Eppen #4035696

Spike witness ewB 9:2:11

EMS 9/2/11
Prepared By Date

AMP 9/6/11
Preparation Reviewed By Date

OPTIMA 1
09/06/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		9/6/2011	9:41:30 AM	3106525	2			
Calib Blank 1	Ag		mg/L		9/6/2011	9:41:32 AM	-4741	1			
Calib Blank 1	As		mg/L		9/6/2011	9:41:52 AM	-1	169			
Calib Blank 1	Ba		mg/L		9/6/2011	9:41:52 AM	-91	3			
Calib Blank 1	Cd		mg/L		9/6/2011	9:41:52 AM	77	5			
Calib Blank 1	Cr		mg/L		9/6/2011	9:41:52 AM	16	25			
Calib Blank 1	Pb		mg/L		9/6/2011	9:41:52 AM	19	8			
Calib Blank 1	Se		mg/L		9/6/2011	9:41:52 AM	0	146			
S1-17	Y		%		9/6/2011	9:44:58 AM	3087134	1			
S1-17	As		mg/L		9/6/2011	9:45:18 AM	7091	0			
S1-17	Ba		mg/L		9/6/2011	9:44:58 AM	1497835	0			
S1-17	Cd		mg/L		9/6/2011	9:44:58 AM	348846	0			
S1-17	Cr		mg/L		9/6/2011	9:44:58 AM	276906	0			
S1-17	Pb		mg/L		9/6/2011	9:45:18 AM	22222	1			
S1-17	Se		mg/L		9/6/2011	9:45:18 AM	3878	1			
S2	Y		%		9/6/2011	9:48:40 AM	3161698	1			
S2	Ag		mg/L		9/6/2011	9:48:40 AM	1768117	0			
SEQ-ICV	Y		%		9/6/2011	10:02:37 AM	3122386	1			
SEQ-ICV	Ag	0.9886	mg/L	99	9/6/2011	10:02:37 AM	174800	0	0.9890	0.9873	0.9895
SEQ-ICV	As	1.0117	mg/L	101	9/6/2011	10:02:59 AM	718	1	1.0277	1.0024	1.0052
SEQ-ICV	Ba	1.0070	mg/L	101	9/6/2011	10:02:37 AM	150834	0	1.0043	1.0065	1.0102
SEQ-ICV	Cd	1.0461	mg/L	105	9/6/2011	10:02:39 AM	36492	1	1.0541	1.0482	1.0359
SEQ-ICV	Cr	1.0020	mg/L	100	9/6/2011	10:02:39 AM	27747	1	1.0113	1.0029	0.9918
SEQ-ICV	Pb	1.0054	mg/L	101	9/6/2011	10:02:39 AM	2234	1	1.0060	1.0001	1.0102
SEQ-ICV	Se	1.0365	mg/L	104	9/6/2011	10:02:59 AM	402	1	1.0518	1.0252	1.0326
SEQ-ICB/CCB	Y		%		9/6/2011	10:17:10 AM	3111699	0			
SEQ-ICB/CCB	Ag	0.0003	mg/L		9/6/2011	10:17:12 AM	48	145	0.0004	0.0006	-0.0002
SEQ-ICB/CCB	As	0.0017	mg/L		9/6/2011	10:17:33 AM	1	179	0.0046	-0.0013	0.0017
SEQ-ICB/CCB	Ba	0.0001	mg/L		9/6/2011	10:17:33 AM	8	114	0.0001	0.0000	0.0001
SEQ-ICB/CCB	Cd	-0.0001	mg/L		9/6/2011	10:17:33 AM	-3	36	-0.0001	-0.0001	-0.0001
SEQ-ICB/CCB	Cr	0.0001	mg/L		9/6/2011	10:17:33 AM	3	114	0.0001	0.0000	0.0002
SEQ-ICB/CCB	Pb	-0.0002	mg/L		9/6/2011	10:17:33 AM	0	408	0.0002	-0.0012	0.0003
SEQ-ICB/CCB	Se	0.0027	mg/L		9/6/2011	10:17:33 AM	1	85	0.0038	0.0000	0.0042
6010C Low Level	Y		%		9/6/2011	10:21:08 AM	3130434	1			
6010C Low Level	Ag	0.0062	mg/L	124	9/6/2011	10:21:11 AM	1099	4	0.0061	0.0065	0.0060
6010C Low Level	As	0.0109	mg/L	109	9/6/2011	10:21:31 AM	8	21	0.0127	0.0117	0.0084
6010C Low Level	Ba	0.0520	mg/L	104	9/6/2011	10:21:11 AM	7790	1	0.0527	0.0513	0.0520
6010C Low Level	Cd	0.0042	mg/L	105	9/6/2011	10:21:31 AM	147	0	0.0042	0.0042	0.0042
6010C Low Level	Cr	0.0102	mg/L	102	9/6/2011	10:21:31 AM	283	2	0.0101	0.0102	0.0104
6010C Low Level	Pb	0.0114	mg/L	114	9/6/2011	10:21:31 AM	25	8	0.0107	0.0124	0.0112
6010C Low Level	Se	0.0567	mg/L	113	9/6/2011	10:21:31 AM	22	9	0.0522	0.0554	0.0627
6010C Low Level	Y		%		9/6/2011	10:25:43 AM	3000927	1			
6010C Low Level	Ag	0.0060	mg/L	120	9/6/2011	10:25:46 AM	1063	7	0.0065	0.0058	0.0057
6010C Low Level	As	0.0154	mg/L	154	9/6/2011	10:26:06 AM	11	6	0.0161	0.0158	0.0144
6010C Low Level	Ba	0.0549	mg/L	110	9/6/2011	10:25:46 AM	8227	2	0.0539	0.0553	0.0556
6010C Low Level	Cd	0.0045	mg/L	113	9/6/2011	10:26:06 AM	158	4	0.0044	0.0045	0.0048
6010C Low Level	Cr	0.0108	mg/L	108	9/6/2011	10:26:06 AM	299	2	0.0106	0.0108	0.0110
6010C Low Level	Pb	0.0112	mg/L	112	9/6/2011	10:26:06 AM	25	10	0.0114	0.0100	0.0122
6010C Low Level	Se	0.0592	mg/L	118	9/6/2011	10:26:06 AM	23	15	0.0615	0.0494	0.0668
6010C Low Level	Y		%		9/6/2011	10:30:01 AM	2991947	1			
6010C Low Level	Ag	0.0062	mg/L	125	9/6/2011	10:30:03 AM	1102	5	0.0060	0.0065	0.0062
6010C Low Level	As	0.0104	mg/L	104	9/6/2011	10:30:24 AM	7	40	0.0056	0.0132	0.0124
6010C Low Level	Ba	0.0548	mg/L	110	9/6/2011	10:30:03 AM	8208	1	0.0553	0.0544	0.0547
6010C Low Level	Cd	0.0046	mg/L	115	9/6/2011	10:30:24 AM	160	2	0.0046	0.0045	0.0047
6010C Low Level	Cr	0.0107	mg/L	107	9/6/2011	10:30:24 AM	296	0	0.0106	0.0107	0.0107
6010C Low Level	Pb	0.0118	mg/L	118	9/6/2011	10:30:24 AM	26	8	0.0108	0.0119	0.0127
6010C Low Level	Se	0.0638	mg/L	128	9/6/2011	10:30:24 AM	25	2	0.0620	0.0644	0.0649
SEQ-CCV 17	Y		%		9/6/2011	10:38:24 AM	3094642	1			
SEQ-CCV 17	Ag	-0.0318	mg/L		9/6/2011	10:38:27 AM	-5615	2	-0.0326	-0.0313	-0.0314
SEQ-CCV 17	As	5.1428	mg/L	103	9/6/2011	10:38:47 AM	3647	1	5.1860	5.0988	5.1435
SEQ-CCV 17	Ba	5.1662	mg/L	103	9/6/2011	10:38:24 AM	773807	0	5.1494	5.1778	5.1713
SEQ-CCV 17	Cd	5.1591	mg/L	103	9/6/2011	10:38:24 AM	179974	0	5.1521	5.1703	5.1549
SEQ-CCV 17	Cr	5.1547	mg/L	103	9/6/2011	10:38:24 AM	142738	0	5.1474	5.1585	5.1583
SEQ-CCV 17	Pb	5.1953	mg/L	104	9/6/2011	10:38:27 AM	11543	1	5.2654	5.1565	5.1638
SEQ-CCV 17	Se	5.2358	mg/L	105	9/6/2011	10:38:47 AM	2031	1	5.2845	5.2014	5.2217
SEQ-CCV Ag	Y		%		9/6/2011	10:43:49 AM	3061712	1			
SEQ-CCV Ag	Ag	2.1935	mg/L	110	9/6/2011	10:43:49 AM	387831	0	2.1885	2.2013	2.1907
SEQ-CCV Ag	As	0.0014	mg/L		9/6/2011	10:44:11 AM	1	412	0.0052	0.0044	-0.0053
SEQ-CCV Ag	Ba	0.0010	mg/L		9/6/2011	10:44:11 AM	155	11	0.0012	0.0010	0.0009
SEQ-CCV Ag	Cd	0.0010	mg/L		9/6/2011	10:44:11 AM	35	8	0.0011	0.0010	0.0010
SEQ-CCV Ag	Cr	0.0008	mg/L		9/6/2011	10:44:11 AM	23	13	0.0010	0.0007	0.0009
SEQ-CCV Ag	Pb	0.0034	mg/L		9/6/2011	10:44:11 AM	7	6	0.0034	0.0032	0.0036
SEQ-CCV Ag	Se	0.0014	mg/L		9/6/2011	10:44:11 AM	1	329	0.0066	-0.0020	-0.0005

OPTIMA 1
09/06/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCV Ag	Y		%		9/6/2011	10:48:08 AM	3034711	2			
SEQ-CCV Ag	Ag	2.1541	mg/L	108	9/6/2011	10:48:08 AM	380872	0	2.1561	2.1505	2.1558
SEQ-CCV Ag	As	-0.0004	mg/L		9/6/2011	10:48:31 AM	0	1262	-0.0050	-0.0006	0.0044
SEQ-CCV Ag	Ba	0.0006	mg/L		9/6/2011	10:48:31 AM	91	13	0.0006	0.0007	0.0005
SEQ-CCV Ag	Cd	0.0006	mg/L		9/6/2011	10:48:31 AM	21	12	0.0006	0.0006	0.0005
SEQ-CCV Ag	Cr	0.0004	mg/L		9/6/2011	10:48:31 AM	12	22	0.0005	0.0004	0.0004
SEQ-CCV Ag	Pb	0.0018	mg/L		9/6/2011	10:48:31 AM	4	26	0.0021	0.0012	0.0020
SEQ-CCV Ag	Se	0.0095	mg/L		9/6/2011	10:48:31 AM	4	63	0.0159	0.0086	0.0041
SEQ-IFA	Y		%		9/6/2011	11:02:25 AM	2658462	1			
SEQ-IFA	Ag	0.0001	mg/L		9/6/2011	11:02:27 AM	17	233	0.0003	-0.0001	0.0001
SEQ-IFA	As	-0.0128	mg/L		9/6/2011	11:02:47 AM	8	77	-0.0165	-0.0036	-0.0184
SEQ-IFA	Ba	0.0061	mg/L		9/6/2011	11:02:47 AM	916	2	0.0062	0.0060	0.0061
SEQ-IFA	Cd	0.0024	mg/L		9/6/2011	11:02:47 AM	82	7	0.0025	0.0024	0.0022
SEQ-IFA	Cr	-0.0033	mg/L		9/6/2011	11:02:47 AM	-92	9	-0.0036	-0.0034	-0.0030
SEQ-IFA	Pb	0.0111	mg/L		9/6/2011	11:02:47 AM	-32	16	0.0133	0.0111	0.0090
SEQ-IFA	Se	-0.0465	mg/L		9/6/2011	11:02:47 AM	-18	9	-0.0492	-0.0415	-0.0486
SEQ-IFB	Y		%		9/6/2011	11:07:51 AM	2760814	1			
SEQ-IFB	Ag	1.0688	mg/L	107	9/6/2011	11:07:53 AM	188974	0	1.0728	1.0645	1.0691
SEQ-IFB	As	-0.0079	mg/L		9/6/2011	11:08:13 AM	10	13	-0.0056	-0.0085	-0.0096
SEQ-IFB	Ba	0.5140	mg/L	103	9/6/2011	11:07:53 AM	76991	1	0.5166	0.5113	0.5142
SEQ-IFB	Cd	1.0751	mg/L	108	9/6/2011	11:07:53 AM	37503	0	1.0807	1.0703	1.0742
SEQ-IFB	Cr	0.5013	mg/L	100	9/6/2011	11:07:53 AM	13880	1	0.5045	0.4982	0.5010
SEQ-IFB	Pb	0.9898	mg/L	99	9/6/2011	11:08:13 AM	2145	1	0.9833	0.9860	1.0000
SEQ-IFB	Se	-0.0452	mg/L		9/6/2011	11:08:13 AM	-18	11	-0.0473	-0.0395	-0.0488
B036715-BSD1	Y		%		9/6/2011	11:25:15 AM	2762686	1			
B036715-BSD1	Ag	0.5093	mg/L		9/6/2011	11:25:17 AM	90043	1	0.5074	0.5148	0.5055
B036715-BSD1	As	0.5501	mg/L		9/6/2011	11:25:37 AM	390	1	0.5565	0.5528	0.5410
B036715-BSD1	Ba	0.5089	mg/L		9/6/2011	11:25:17 AM	76232	1	0.5075	0.5149	0.5045
B036715-BSD1	Cd	0.5402	mg/L		9/6/2011	11:25:17 AM	18846	1	0.5375	0.5472	0.5360
B036715-BSD1	Cr	0.5034	mg/L		9/6/2011	11:25:17 AM	13938	1	0.5036	0.5083	0.4982
B036715-BSD1	Pb	0.4839	mg/L		9/6/2011	11:25:37 AM	1075	1	0.4849	0.4868	0.4800
B036715-BSD1	Se	0.5801	mg/L		9/6/2011	11:25:37 AM	225	1	0.5781	0.5871	0.5752
11I0007-01	Y		%		9/6/2011	11:30:39 AM	2684660	0			
11I0007-01	Ag	0.0017	mg/L		9/6/2011	11:30:41 AM	293	21	0.0020	0.0013	0.0016
11I0007-01	As	0.0111	mg/L		9/6/2011	11:31:01 AM	9	22	0.0101	0.0141	0.0090
11I0007-01	Ba	0.2853	mg/L		9/6/2011	11:30:41 AM	42729	2	0.2801	0.2907	0.2851
11I0007-01	Cd	0.0014	mg/L		9/6/2011	11:31:01 AM	50	8	0.0015	0.0013	0.0015
11I0007-01	Cr	0.0014	mg/L		9/6/2011	11:31:01 AM	40	6	0.0015	0.0014	0.0014
11I0007-01	Pb	0.2560	mg/L		9/6/2011	11:31:01 AM	569	2	0.2505	0.2587	0.2588
11I0007-01	Se	0.0123	mg/L		9/6/2011	11:31:01 AM	5	46	0.0114	0.0071	0.0184
B036715-BS1	Y		%		9/6/2011	11:36:50 AM	2748241	1			
B036715-BS1	Ag	0.5054	mg/L		9/6/2011	11:36:52 AM	89359	1	0.5094	0.5084	0.4983
B036715-BS1	As	0.5444	mg/L		9/6/2011	11:37:13 AM	386	1	0.5528	0.5433	0.5371
B036715-BS1	Ba	0.5088	mg/L		9/6/2011	11:36:52 AM	76208	1	0.5137	0.5115	0.5012
B036715-BS1	Cd	0.5383	mg/L		9/6/2011	11:36:52 AM	18779	2	0.5424	0.5437	0.5289
B036715-BS1	Cr	0.5014	mg/L		9/6/2011	11:36:52 AM	13885	1	0.5052	0.5044	0.4947
B036715-BS1	Pb	0.4877	mg/L		9/6/2011	11:37:13 AM	1084	2	0.4982	0.4792	0.4856
B036715-BS1	Se	0.5927	mg/L		9/6/2011	11:37:13 AM	230	2	0.6058	0.5846	0.5875
11I0041-01	Y		%		9/6/2011	11:41:45 AM	2779560	1			
11I0041-01	Ag	0.0022	mg/L		9/6/2011	11:41:47 AM	384	16	0.0023	0.0024	0.0018
11I0041-01	As	0.0041	mg/L		9/6/2011	11:42:08 AM	3	121	0.0012	0.0006	0.0106
11I0041-01	Ba	0.1666	mg/L		9/6/2011	11:41:47 AM	24947	1	0.1640	0.1673	0.1683
11I0041-01	Cd	0.0018	mg/L		9/6/2011	11:42:08 AM	62	1	0.0018	0.0018	0.0018
11I0041-01	Cr	0.0007	mg/L		9/6/2011	11:42:08 AM	19	8	0.0007	0.0007	0.0006
11I0041-01	Pb	0.0060	mg/L		9/6/2011	11:42:08 AM	13	20	0.0051	0.0074	0.0056
11I0041-01	Se	0.0156	mg/L		9/6/2011	11:42:08 AM	6	72	0.0247	0.0189	0.0031
B036715-MS1	Y		%		9/6/2011	11:47:21 AM	2746409	1			
B036715-MS1	Ag	0.5124	mg/L		9/6/2011	11:47:23 AM	90596	1	0.5086	0.5114	0.5172
B036715-MS1	As	0.5600	mg/L		9/6/2011	11:47:43 AM	397	1	0.5633	0.5628	0.5539
B036715-MS1	Ba	0.6704	mg/L		9/6/2011	11:47:23 AM	100413	1	0.6630	0.6694	0.6787
B036715-MS1	Cd	0.5408	mg/L		9/6/2011	11:47:23 AM	18864	1	0.5370	0.5384	0.5468
B036715-MS1	Cr	0.5023	mg/L		9/6/2011	11:47:23 AM	13908	1	0.4968	0.5015	0.5085
B036715-MS1	Pb	0.5037	mg/L		9/6/2011	11:47:43 AM	1119	1	0.5080	0.5051	0.4979
B036715-MS1	Se	0.6013	mg/L		9/6/2011	11:47:43 AM	233	2	0.6070	0.6063	0.5907
11I0041-02	Y		%		9/6/2011	12:03:00 PM	2865120	0			
11I0041-02	Ag	0.0014	mg/L		9/6/2011	12:03:02 PM	240	22	0.0017	0.0011	0.0013
11I0041-02	As	0.0189	mg/L		9/6/2011	12:03:22 PM	14	19	0.0211	0.0209	0.0146
11I0041-02	Ba	0.0906	mg/L		9/6/2011	12:03:02 PM	13567	1	0.0913	0.0900	0.0905
11I0041-02	Cd	0.0013	mg/L		9/6/2011	12:03:22 PM	44	7	0.0013	0.0013	0.0012
11I0041-02	Cr	0.0005	mg/L		9/6/2011	12:03:22 PM	13	41	0.0006	0.0003	0.0006
11I0041-02	Pb	0.0048	mg/L		9/6/2011	12:03:22 PM	11	47	0.0029	0.0073	0.0043
11I0041-02	Se	0.0067	mg/L		9/6/2011	12:03:22 PM	3	79	0.0120	0.0066	0.0015
11I0023-09	Y		%		9/6/2011	12:08:25 PM	2685581	1			

OPTIMA 1
09/06/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
11I0023-09	Ag	0.0005	mg/L		9/6/2011	12:08:27 PM	89	48	0.0004	0.0003	0.0008
11I0023-09	As	0.0088	mg/L		9/6/2011	12:08:47 PM	10	17	0.0073	0.0076	0.0115
11I0023-09	Ba	0.0640	mg/L		9/6/2011	12:08:27 PM	9592	1	0.0643	0.0641	0.0637
11I0023-09	Cd	0.0012	mg/L		9/6/2011	12:08:47 PM	43	2	0.0012	0.0013	0.0012
11I0023-09	Cr	0.0221	mg/L		9/6/2011	12:08:47 PM	613	1	0.0224	0.0221	0.0219
11I0023-09	Pb	0.0057	mg/L		9/6/2011	12:08:47 PM	12	30	0.0040	0.0072	0.0060
11I0023-09	Se	0.0067	mg/L		9/6/2011	12:08:47 PM	3	47	0.0072	0.0096	0.0033
B036715-BLK1	Y		%		9/6/2011	12:22:48 PM	2891618	1			
B036715-BLK1	Ag	0.0011	mg/L		9/6/2011	12:22:50 PM	199	43	0.0012	0.0006	0.0015
B036715-BLK1	As	0.0046	mg/L		9/6/2011	12:23:10 PM	3	161	-0.0006	0.0130	0.0013
B036715-BLK1	Ba	0.0017	mg/L		9/6/2011	12:23:10 PM	262	8	0.0017	0.0019	0.0017
B036715-BLK1	Cd	0.0005	mg/L		9/6/2011	12:23:10 PM	17	8	0.0005	0.0005	0.0004
B036715-BLK1	Cr	0.0004	mg/L		9/6/2011	12:23:10 PM	11	11	0.0005	0.0004	0.0004
B036715-BLK1	Pb	0.0016	mg/L		9/6/2011	12:23:10 PM	4	82	0.0026	0.0001	0.0021
B036715-BLK1	Se	0.0112	mg/L		9/6/2011	12:23:10 PM	4	52	0.0084	0.0179	0.0074
SEQ-CCV 17	Y		%		9/6/2011	12:26:40 PM	3120828	0			
SEQ-CCV 17	Ag	-0.0292	mg/L		9/6/2011	12:26:42 PM	-5171	1	-0.0292	-0.0296	-0.0289
SEQ-CCV 17	As	4.8674	mg/L	97	9/6/2011	12:27:02 PM	3452	0	4.8465	4.8871	4.8685
SEQ-CCV 17	Ba	4.9676	mg/L	99	9/6/2011	12:26:40 PM	744068	0	4.9579	4.9689	4.9761
SEQ-CCV 17	Cd	4.8908	mg/L	98	9/6/2011	12:26:40 PM	170614	0	4.8841	4.8906	4.8976
SEQ-CCV 17	Cr	5.0174	mg/L	100	9/6/2011	12:26:40 PM	138934	0	5.0047	5.0231	5.0242
SEQ-CCV 17	Pb	4.8238	mg/L	96	9/6/2011	12:26:42 PM	10717	1	4.7981	4.8844	4.7888
SEQ-CCV 17	Se	5.0339	mg/L	101	9/6/2011	12:27:02 PM	1952	0	5.0275	5.0486	5.0258
SEQ-CCV Ag	Y		%		9/6/2011	12:32:05 PM	3043320	0			
SEQ-CCV Ag	Ag	2.1558	mg/L	108	9/6/2011	12:32:05 PM	381166	0	2.1605	2.1540	2.1528
SEQ-CCV Ag	As	0.0062	mg/L		9/6/2011	12:32:28 PM	4	71	0.0014	0.0073	0.0099
SEQ-CCV Ag	Ba	0.0010	mg/L		9/6/2011	12:32:28 PM	153	17	0.0012	0.0010	0.0008
SEQ-CCV Ag	Cd	0.0010	mg/L		9/6/2011	12:32:28 PM	34	19	0.0012	0.0009	0.0008
SEQ-CCV Ag	Cr	0.0010	mg/L		9/6/2011	12:32:28 PM	29	4	0.0011	0.0010	0.0010
SEQ-CCV Ag	Pb	0.0014	mg/L		9/6/2011	12:32:28 PM	3	58	0.0023	0.0010	0.0009
SEQ-CCV Ag	Se	0.0047	mg/L		9/6/2011	12:32:28 PM	2	119	0.0029	0.0110	0.0003
SEQ-ICB/CCB	Y		%		9/6/2011	12:37:28 PM	3109082	2			
SEQ-ICB/CCB	Ag	0.0068	mg/L		9/6/2011	12:37:31 PM	1208	14	0.0075	0.0073	0.0058
SEQ-ICB/CCB	As	0.0043	mg/L		9/6/2011	12:37:51 PM	3	66	0.0011	0.0053	0.0065
SEQ-ICB/CCB	Ba	0.0003	mg/L		9/6/2011	12:37:51 PM	42	23	0.0002	0.0003	0.0003
SEQ-ICB/CCB	Cd	0.0001	mg/L		9/6/2011	12:37:51 PM	3	76	0.0001	0.0000	0.0001
SEQ-ICB/CCB	Cr	0.0001	mg/L		9/6/2011	12:37:51 PM	1	210	0.0000	0.0002	0.0000
SEQ-ICB/CCB	Pb	0.0011	mg/L		9/6/2011	12:37:51 PM	3	72	0.0021	0.0009	0.0005
SEQ-ICB/CCB	Se	0.0024	mg/L		9/6/2011	12:37:51 PM	1	110	0.0037	0.0042	-0.0007
SEQ-ICB/CCB	Y		%		9/6/2011	12:43:05 PM	3141130	1			
SEQ-ICB/CCB	Ag	0.0027	mg/L		9/6/2011	12:43:07 PM	481	24	0.0034	0.0026	0.0021
SEQ-ICB/CCB	As	-0.0023	mg/L		9/6/2011	12:43:27 PM	-2	134	-0.0052	0.0009	-0.0025
SEQ-ICB/CCB	Ba	0.0001	mg/L		9/6/2011	12:43:27 PM	22	26	0.0001	0.0001	0.0002
SEQ-ICB/CCB	Cd	-0.0001	mg/L		9/6/2011	12:43:27 PM	-2	159	0.0000	0.0000	-0.0002
SEQ-ICB/CCB	Cr	0.0000	mg/L		9/6/2011	12:43:27 PM	-1	1314	-0.0003	0.0002	0.0000
SEQ-ICB/CCB	Pb	0.0010	mg/L		9/6/2011	12:43:27 PM	2	15	0.0009	0.0009	0.0011
SEQ-ICB/CCB	Se	0.0020	mg/L		9/6/2011	12:43:27 PM	1	228	-0.0013	0.0073	0.0000
SEQ-IFA	Y		%		9/6/2011	8:05:08 PM	4506176	3			
SEQ-IFA	Ag	0.0072	mg/L		9/6/2011	8:05:10 PM	1270	3	0.0073	0.0069	0.0074
SEQ-IFA	As	-0.0022	mg/L		9/6/2011	8:05:30 PM	-2	148	0.0010	-0.0022	-0.0055
SEQ-IFA	Ba	0.0003	mg/L		9/6/2011	8:05:30 PM	40	11	0.0003	0.0002	0.0003
SEQ-IFA	Cd	-0.0008	mg/L		9/6/2011	8:05:30 PM	-29	8	-0.0008	-0.0008	-0.0009
SEQ-IFA	Cr	-0.0003	mg/L		9/6/2011	8:05:30 PM	-9	15	-0.0003	-0.0003	-0.0004
SEQ-IFA	Pb	-0.0030	mg/L		9/6/2011	8:05:30 PM	-7	25	-0.0022	-0.0031	-0.0036
SEQ-IFA	Se	0.0044	mg/L		9/6/2011	8:05:30 PM	2	58	0.0028	0.0074	0.0030
SEQ-IFA	Y		%		9/6/2011	8:08:34 PM	4368925	2			
SEQ-IFA	Ag	0.0064	mg/L		9/6/2011	8:08:36 PM	1128	18	0.0060	0.0054	0.0077
SEQ-IFA	As	-0.0021	mg/L		9/6/2011	8:08:56 PM	-1	41	-0.0021	-0.0013	-0.0030
SEQ-IFA	Ba	0.0003	mg/L		9/6/2011	8:08:56 PM	47	22	0.0003	0.0003	0.0004
SEQ-IFA	Cd	-0.0009	mg/L		9/6/2011	8:08:56 PM	-32	3	-0.0009	-0.0009	-0.0010
SEQ-IFA	Cr	-0.0002	mg/L		9/6/2011	8:08:56 PM	-7	13	-0.0003	-0.0002	-0.0003
SEQ-IFA	Pb	-0.0039	mg/L		9/6/2011	8:08:56 PM	-9	20	-0.0037	-0.0032	-0.0047
SEQ-IFA	Se	0.0053	mg/L		9/6/2011	8:08:56 PM	2	106	0.0118	0.0029	0.0013
SEQ-IFB	Y		%		9/6/2011	8:13:00 PM	2698367	1			
SEQ-IFB	Ag	1.0416	mg/L	104	9/6/2011	8:13:02 PM	184170	1	1.0245	1.0478	1.0526
SEQ-IFB	As	-0.0014	mg/L		9/6/2011	8:13:22 PM	14	20	-0.0057	-0.0006	0.0020
SEQ-IFB	Ba	0.5023	mg/L	100	9/6/2011	8:13:02 PM	75243	1	0.4943	0.5059	0.5068
SEQ-IFB	Cd	0.9552	mg/L	96	9/6/2011	8:13:02 PM	33321	2	0.9382	0.9616	0.9658
SEQ-IFB	Cr	0.5195	mg/L	104	9/6/2011	8:13:02 PM	14384	1	0.5119	0.5225	0.5239
SEQ-IFB	Pb	0.8789	mg/L	88	9/6/2011	8:13:22 PM	1900	1	0.8719	0.8772	0.8877
SEQ-IFB	Se	-0.0419	mg/L		9/6/2011	8:13:22 PM	-16	11	-0.0373	-0.0464	-0.0421
SEQ-CCV 17	Y		%		9/6/2011	8:18:27 PM	3071254	1			
SEQ-CCV 17	Ag	-0.0274	mg/L		9/6/2011	8:18:29 PM	-4840	2	-0.0268	-0.0278	-0.0276

OPTIMA 1
09/06/11
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCV 17	As	4.7064	mg/L	94	9/6/2011	8:18:49 PM	3337	0	4.7006	4.7020	4.7167
SEQ-CCV 17	Ba	4.8184	mg/L	96	9/6/2011	8:18:27 PM	721720	0	4.8206	4.8130	4.8217
SEQ-CCV 17	Cd	4.4589	mg/L	89	9/6/2011	8:18:27 PM	155549	0	4.4578	4.4577	4.4613
SEQ-CCV 17	Cr	5.1064	mg/L	102	9/6/2011	8:18:27 PM	141398	0	5.0998	5.1092	5.1100
SEQ-CCV 17	Pb	4.3370	mg/L	87	9/6/2011	8:18:29 PM	9635	1	4.3651	4.3268	4.3192
SEQ-CCV 17	Se	5.0665	mg/L	101	9/6/2011	8:18:49 PM	1965	0	5.0618	5.0542	5.0835
SEQ-CCV 17	Y		%		9/6/2011	8:21:54 PM	3036600	1			
SEQ-CCV 17	Ag	-0.0279	mg/L		9/6/2011	8:21:56 PM	-4934	1	-0.0277	-0.0280	-0.0281
SEQ-CCV 17	As	4.7114	mg/L	94	9/6/2011	8:21:56 PM	3341	1	4.7429	4.6906	4.7006
SEQ-CCV 17	Ba	4.8418	mg/L	97	9/6/2011	8:21:54 PM	725220	0	4.8354	4.8349	4.8551
SEQ-CCV 17	Cd	4.4737	mg/L	89	9/6/2011	8:21:54 PM	156064	0	4.4770	4.4746	4.4695
SEQ-CCV 17	Cr	5.1449	mg/L	103	9/6/2011	8:21:54 PM	142464	0	5.1370	5.1371	5.1605
SEQ-CCV 17	Pb	4.3726	mg/L	87	9/6/2011	8:21:56 PM	9715	1	4.4073	4.3451	4.3655
SEQ-CCV 17	Se	5.0602	mg/L	101	9/6/2011	8:22:16 PM	1963	1	5.0688	5.0835	5.0284
SEQ-CCV Ag	Y		%		9/6/2011	8:27:18 PM	2983803	2			
SEQ-CCV Ag	Ag	2.0894	mg/L	104	9/6/2011	8:27:18 PM	369435	1	2.0797	2.0858	2.1028
SEQ-CCV Ag	As	0.0022	mg/L		9/6/2011	8:27:41 PM	2	125	-0.0001	0.0014	0.0052
SEQ-CCV Ag	Ba	0.0015	mg/L		9/6/2011	8:27:41 PM	221	7	0.0016	0.0014	0.0014
SEQ-CCV Ag	Cd	0.0015	mg/L		9/6/2011	8:27:41 PM	52	4	0.0016	0.0015	0.0015
SEQ-CCV Ag	Cr	0.0015	mg/L		9/6/2011	8:27:41 PM	40	4	0.0015	0.0014	0.0014
SEQ-CCV Ag	Pb	0.0026	mg/L		9/6/2011	8:27:41 PM	6	31	0.0017	0.0033	0.0029
SEQ-CCV Ag	Se	0.0071	mg/L		9/6/2011	8:27:41 PM	3	91	0.0031	0.0037	0.0145
SEQ-CCB	Y		%		9/6/2011	8:32:41 PM	3092755	0			
SEQ-CCB	Ag	0.0047	mg/L		9/6/2011	8:32:44 PM	823	15	0.0055	0.0044	0.0041
SEQ-CCB	As	0.0007	mg/L		9/6/2011	8:33:04 PM	1	719	0.0036	-0.0054	0.0040
SEQ-CCB	Ba	0.0004	mg/L		9/6/2011	8:33:04 PM	58	22	0.0003	0.0005	0.0004
SEQ-CCB	Cd	0.0003	mg/L		9/6/2011	8:33:04 PM	10	15	0.0003	0.0003	0.0002
SEQ-CCB	Cr	0.0001	mg/L		9/6/2011	8:33:04 PM	2	194	0.0002	0.0000	0.0000
SEQ-CCB	Pb	0.0005	mg/L		9/6/2011	8:33:04 PM	1	17	0.0005	0.0004	0.0005
SEQ-CCB	Se	0.0079	mg/L		9/6/2011	8:33:04 PM	3	112	0.0166	0.0082	-0.0011
SEQ-CCB	Y		%		9/6/2011	8:36:06 PM	3053663	1			
SEQ-CCB	Ag	0.0041	mg/L		9/6/2011	8:36:08 PM	734	9	0.0046	0.0041	0.0038
SEQ-CCB	As	-0.0002	mg/L		9/6/2011	8:36:28 PM	0	2165	0.0012	-0.0051	0.0033
SEQ-CCB	Ba	0.0003	mg/L		9/6/2011	8:36:28 PM	44	30	0.0004	0.0003	0.0002
SEQ-CCB	Cd	0.0002	mg/L		9/6/2011	8:36:28 PM	7	56	0.0003	0.0001	0.0002
SEQ-CCB	Cr	-0.0001	mg/L		9/6/2011	8:36:28 PM	-2	199	-0.0001	0.0001	-0.0002
SEQ-CCB	Pb	0.0002	mg/L		9/6/2011	8:36:28 PM	1	921	0.0028	-0.0006	-0.0014
SEQ-CCB	Se	0.0040	mg/L		9/6/2011	8:36:28 PM	2	162	0.0107	0.0036	-0.0023

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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET
IDWS-1

Laboratory:	Con-Test Analytical Laboratory	SDG:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	11I0023-09
Sampled:	08/31/11 12:30		
% Solids:	86.20		

CAS NO.	Analyte	Concentration (present/absent)	MDL	RL	DF	Q	Batch	Analyzed	Method
IGNIT	Ignitability	Absent			1		B036717	09/02/11 12:45	SW-846 1030

CAS NO.	Analyte	Concentration (pH Units)	MDL	RL	DF	Q	Batch	Analyzed	Method
PHLAB	pH	8.7			1		B036726	09/02/11 08:15	SW-846 9045C

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	86.2			1		B036769	09/06/11 17:01	SM 2540G

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

DUPLICATES

IDWS-1

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B036726-DUP1
Batch:	B036726	Initial/Final:	20 g / 20 mL
Preparation:	NO PREP	Analysis:	SW-846 9045C
% Solids:	86.20		

ANALYTE	SAMPLE CONCENTRATION (pH Units)	DUPLICATE CONCENTRATION (pH Units)	RPD %	Q	CONTROL LIMIT
pH	8.7	8.5	1.74		8.06

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 11I0023
Client: Ecology & Environment
Matrix: Soil
Instrument: Inst

Analyte	MDL	MRL	Units	Method

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SW-846 1030

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11I0023
Client:	Ecology & Environment			Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036717	Batch Matrix:	Soil	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
IDWS-1	11I0023-09	09/02/11 12:44	50.00	50.00

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PREPARATION BATCH SUMMARY

SW-846 9045C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036726 Batch Matrix: Soil	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
IDWS-1	11I0023-09	09/02/11 08:15	20.00	20.00
IDWS-1	B036726-DUP1	09/02/11 08:15	20.00	20.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SM 2540G

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11I0023
Client:	Ecology & Environment	Project:	002699.ID25.02 - Farmingdale, NY
Batch:	B036769 Batch Matrix: Soil	Preparation:	% Solids

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
IDWS-1	11I0023-09	09/06/11 00:06	5.00	5.00

LAB ID	Client	Matrix	Client ID	Result	Analyst/Dat
11H1235-01	VRS	product/solid	CY-551/083111	Absent	CC/ 12:55
⊥ -02	⊥	⊥	CY-552/083111		DEF 9-1-11
1215-01	Yankee Gas	soil	Waterford Blanket		
1252-01	TRC Solutions	⊥	DCS-02		
11H1248-02	Millennium	soil	RYS-520-(C1)	> 212°F NF	DEF 9-9-11 2:40P
-03			RYS-520-(C2)	> 212°F NF	3:45P
-04			RYS-520-B(1)	> 212°F NF	4:15P
-05			RYS-520-B(2)	> 212°F NF	4:45P
-06			RYS-520-B(3)	> 212°F NF	5:15P
1161-04	AKRF		TP0804	> 212°F NF	5:50P
⊥ -05	⊥		TP0905	> 212°F NF	6:20P
1254-01	TRC Solutions	water	SB-06/GW	> 212°F NF	7:05P
PP LCS/dp	p-xylene	solvent	1106057 TV-81°F	80.6°F/80.6°F	12:10P DEF 9-2-11
11I0023-09	Ecology & Environment	soil	IDWS-1	Absent	VAK/ 9-2-11 DEF 12:45P
Blank	DI	water		> 212°F NF	1:15P DEF 9-2-11
11F0041-01	NE Utilities	soil	TP-1	> 212°F NF	2:10P
⊥ -02	⊥		TP-2	> 212°F NF	2:40P
50-03	Fuss & O'Neill		9931109901-03	> 212°F NF	3:15P
⊥ -04	⊥		9931109901-04	> 212°F NF	3:50P
22-01	OTO Associates		DISP	> 212°F NF	4:20P 9-7-11
FP LCS/dp	p-xylene	solvent	1106057 TV-81°F	81.5°F/80.6°F	DEF 5:55P
11I0103-01	ATC Associates	soil	CS-1	Absent	SBD/ 9-7-11 DEF 6:20P
⊥ -02	⊥		CS-2		
155-01	PCiRoads, LLC		Backhoe #1 Composited Drum #1 to #8 Composited		
⊥ -02	⊥				
Blank	DI	water		> 212°F NF	DEF 9-7-11 6:55P
11I0101-01	ATC Associates	Soil	WD-1	> 212°F NF	7:25P
⊥ -02			WD-2	> 212°F NF	7:55P
100-01			CMCS-1	> 212°F NF	8:25P
103-01			CS-1	> 212°F NF	8:55P
⊥ -02			CS-2	> 212°F NF	9:25P
FP LCS/dp	p-xylene	solvent	1106057 TV-81°F	80.6°F/80.6°F	9-8-11 DEF 12:10P
Blank	DI	water		> 212°F NF	1:10P
11I0206-01	True Blue	Soil	True Blue U.I.	Absent	VAK/ 9-8-11 DEF 12:30P
⊥ 207-01	⊥	⊥	True Blue Bremen Disposal characterization -2	> 212°F	9-8-11
11I0095-01	SK Design Group	soil			

pH

DUPLICATES MUST BE ANALYZED PER BATCH

ANALYST / DATE	LAB ID#	CLIENT	RESULT
HH 9/1/11	11H1220-02	Coler	6.41 20.0°C
	03		5.82 19.7°C
	04		6.36 20.2°C
	1251-01		7.08 18.6°C
	02		7.08 18.5°C
	1254-01	TRC	6.87 17.7
	dp		6.88 17.3°C
	—	CCV	7.99
			7.49
AP 9/1/11	11H1238-02	Oak	6.87
	-01		6.92
	1199-01	Wilb A	6.95
	1201-01		7.02
	1217-01	Hatfield	7.20
	-02		7.42
	1205-02	Taunton	6.97
	1214-01	Holly	6.84
	-02		7.33
	-03		6.01
	CCV		6.89
	11H1236-02	Apple 1	7.30
	1236-03		7.22
	1237-02	Apple 3	7.27
	1 75		

ANALYST / DATE	LAB ID#	CLIENT	RESULT
AP 9/1/11	11H1245-02	Apple 2	7.01
	-05		7.17
	1211-01	Temple	7.50
	-02		6.69
	1232-01	Friend	6.65 → 6.65
	CCV		6.04
	11C0040-01	Hingham	6.68
	11C0049-01	Mid T	7.43
	02		7.45
	CCV		6.02
W 9/2/11	11I0041-01	NE 20.1308	5.65 19.8°C
	02	20.0963	5.62 20.2°C
	0022-01	OTD 20.5796	5.33 21.0°C
	0023-09	EQL 20.3345	8.69 20.0°C
	dp	20.0477	8.54 21.0°C
	11T0012-01	SP	7.54 16.7°C
	0013-01		7.71 15.9
	0059-01	Coler	7.07 17.8°C
	02	9/2/11	6.90 19.7°C
	dp — 02		6.86 17.5°C
	—	CCV	7.04
	11T0050-03	Foss-ON 20	7.94 21.5°C
	04	20.1983	7.59 21.6°C
		CCV	7.05

DUPLICATE ANALYSIS INFORMATION

DATE	ANALYST	LAB ID#	SAMPLE RESULT	DUP RESULT	RPD

DATE	ANALYST	LAB ID#	SAMPLE RESULT	DUP. RESULT	RPD

See previous pages for buffers

pH Meter Calibration

Acceptable Limits:

Portable Probe; Single point calibration:
Acceptable Range = (target value +/- 0.2 pH units)

Orion pH Meter; Two point calibration:
Acceptable Range = (target value +/- 0.05 pH units for Normal Working Range (NWR) calibration (6 to 9) OR +/- 0.20 units for Recalibration outside the NWR, see SOP 3.2.2)

---

initial calibration / recalibration

Slope = 100.8

Date: 9/1/11 LL pH meter: Orion 420 A+

pH target values/ actual values: 1. 4.00 / —

2. 10.00 / — 3. 7.00 / — cal.ck 6.00, 6.05

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in. calibration / recalibration

Slope = 99.7

Date: 9/2/11 LL pH meter: Orion 420 A+

pH target values/ actual values: 1. 4.00 / —

2. 10.00 / — 3. 7.00 / — cal.ck 6.00, 6.03

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in. calibration / recalibration

Slope 99.7

Date: 9/7/11 LL pH meter: Orion 420 A+

pH target values/ actual values: 1. 4.00 / —

2. 10.00 / — 3. 7.00 / — cal.ck 6.00 / 6.04

---

in. calibration / recalibration

Date: 9/6/11 LL pH meter: Orion

pH target values/ actual values: 1. 6.00 / —

2. — / — 3. 9.00 / — cal.ck 7.00 / 7.01

---

in. calibration / recalibration

Slope 99.8

Date: 9/7/11 LL pH meter: Orion 420 A+

pH target values/ actual values: 1. 4.00 / —

2. 10.00 / — 3. 7.00 / — cal.ck 6.00 / 6.05

	CON-TEST LABORATORY						PERCENT SOLIDS		dried					dried	
analyst	sample#	dish		dish&sample		time	date	sample	dish&sample		time	date		sample	% solid
EAH	11H1248-01	1.285	g	3.09	g	01:55	09/06/2011	1.8050	2.925	g	16:41	09/06/2011		1.6400	90.9
EAH	11I0014-02	1.283	g	10.78	g	01:56	09/06/2011	9.4970	8.567	g	16:42	09/06/2011		7.2840	76.7
EAH	11I0014-03	1.282	g	11.49	g	01:56	09/06/2011	10.2080	10.076	g	16:42	09/06/2011		8.7940	86.1
EAH	11I0014-04	1.279	g	10.218	g	01:56	09/06/2011	8.9390	7.694	g	16:42	09/06/2011		6.4150	71.8
EAH	11I0014-05	1.285	g	12.056	g	01:56	09/06/2011	10.7710	10.165	g	16:42	09/06/2011		8.8800	82.4
EAH	11I0014-06	1.287	g	10.827	g	01:56	09/06/2011	9.5400	9.033	g	16:42	09/06/2011		7.7460	81.2
EAH	11I0014-07	1.276	g	13.78	g	01:57	09/06/2011	12.5040	11.146	g	16:42	09/06/2011		9.8700	78.9
EAH	11I0014-08	1.278	g	13.182	g	01:57	09/06/2011	11.8970	10.738	g	16:42	09/06/2011		9.4530	79.5
EAH	11I0014-09	1.278	g	9.627	g	01:57	09/06/2011	8.3490	9.053	g	16:42	09/06/2011		7.7750	93.1
EAH	11I0014-10	1.281	g	10.226	g	01:57	09/06/2011	8.9390	7.737	g	16:42	09/06/2011		6.4500	72.2
EAH	11I0014-11	1.284	g	10.068	g	01:57	09/06/2011	8.7840	8.450	g	16:42	09/06/2011		7.1660	81.6
EAH	11I0014-12	1.287	g	11.347	g	01:57	09/06/2011	10.0710	9.298	g	16:42	09/06/2011		8.0220	79.7
EAH	11I0020-01	1.286	g	18.496	g	01:58	09/06/2011	17.2100	14.548	g	16:42	09/06/2011		13.2620	77.1
EAH	11I0020-02	1.299	g	15.99	g	01:58	09/06/2011	14.6910	13.014	g	16:42	09/06/2011		11.7150	79.7
EAH	11I0021-01	1.294	g	11.337	g	01:58	09/06/2011	10.0430	8.806	g	16:42	09/06/2011		7.5120	74.8
EAH	11I0021-02	1.289	g	17.24	g	01:58	09/06/2011	15.9510	15.177	g	16:42	09/06/2011		13.8880	87.1
EAH	11I0021-03	1.287	g	12.57	g	01:59	09/06/2011	11.2830	11.025	g	16:43	09/06/2011		9.7380	86.3
EAH	11I0022-01	1.286	g	19.028	g	01:59	09/06/2011	17.7420	16.717	g	16:43	09/06/2011		15.4310	87.0
EAH	11I0023-09	1.286	g	14.896	g	01:59	09/06/2011	13.6100	13.023	g	16:43	09/06/2011		11.7370	86.2
EAH	11I0027-01	1.284	g	11.455	g	01:59	09/06/2011	10.1710	10.766	g	16:43	09/06/2011		9.4820	93.2
EAH	11I0027-02	1.287	g	12.408	g	01:59	09/06/2011	11.1210	10.586	g	16:43	09/06/2011		9.2990	83.6
EAH	11I0027-03	1.294	g	9.281	g	02:00	09/06/2011	7.9870	8.665	g	16:43	09/06/2011		7.3710	92.3
EAH	11I0027-04	1.291	g	9.851	g	02:00	09/06/2011	8.5600	9.266	g	16:43	09/06/2011		7.9750	93.2
EAH	DUP1-11I0014-02	1.293	g	12.429	g	02:00	09/06/2011	11.1360	9.654	g	16:43	09/06/2011		8.3610	75.1
EAH	DUP2-11I0027-01	1.296	g	9.993	g	02:00	09/06/2011	8.6970	9.445	g	16:43	09/06/2011		8.1490	93.7

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

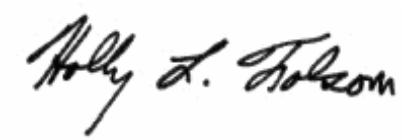
September 9, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.02
Laboratory Work Order Number: 11I0023

Enclosed are results of analyses for samples received by the laboratory on September 1, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 9/9/2011

PURCHASE ORDER NUMBER: 002699.ID25.02

PROJECT NUMBER: 002699.ID25.02

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11I0023

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-08302011	11I0023-01	Trip Blank Water		SW-846 8260C	
PW13-25	11I0023-02	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW13-50	11I0023-03	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW13-75	11I0023-04	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW13-100	11I0023-05	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW13-125	11I0023-06	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW13-125Q	11I0023-07	Ground Water		SW-846 6010C	
				SW-846 8260C	
PW13-150	11I0023-08	Ground Water		SW-846 6010C	
				SW-846 8260C	
IDWS-1	11I0023-09	Soil		SM 2540G	
				SW-846 1030	
				SW-846 1311	
				SW-846 6010C	
				SW-846 7470A	
				SW-846 8260C	
				SW-846 9045C	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Isopropylbenzene (Cumene)

B036681-BS1, B036681-BSD1

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

11I0023-01[TB-08302011], 11I0023-02[PW13-25], 11I0023-03[PW13-50], 11I0023-04[PW13-75], 11I0023-05[PW13-100], 11I0023-06[PW13-125], 11I0023-07[PW13-125Q], 11I0023-08[PW13-150], B036708-BLK1, B036708-BS1, B036708-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

p-Isopropyltoluene (p-Cymene), sec-Butylbenzene, trans-1,2-Dichloroethylene

B036681-BSD1, B036708-BS1

pH of sample (pH 7) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

11I0023-02[PW13-25], 11I0023-03[PW13-50], 11I0023-04[PW13-75], 11I0023-05[PW13-100], 11I0023-06[PW13-125], 11I0023-07[PW13-125Q], 11I0023-08[PW13-150]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,4-Dioxane, 2,2-Dichloropropane, Bromomethane, Dichlorodifluoromethane (Freon 12), Naphthalene, trans-1,4-Dichloro-2-butene

11I0023-09[IDWS-1], B036681-BLK1, B036681-BS1, B036681-BSD1, 11I0023-01[TB-08302011], 11I0023-02[PW13-25], 11I0023-03[PW13-50], 11I0023-04[PW13-75], 11I0023-05[PW13-100], 11I0023-06[PW13-125], 11I0023-07[PW13-125Q], 11I0023-08[PW13-150], B036708-BLK1, B036708-BS1, B036708-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Butanone (MEK), Acetone, Acrylonitrile, tert-Butyl Alcohol (TBA), Tetrahydrofuran

11I0023-01[TB-08302011], 11I0023-02[PW13-25], 11I0023-03[PW13-50], 11I0023-04[PW13-75], 11I0023-05[PW13-100], 11I0023-06[PW13-125], 11I0023-07[PW13-125Q], 11I0023-08[PW13-150], 11I0023-09[IDWS-1], B036681-BLK1, B036681-BS1, B036681-BSD1, B036708-BLK1, B036708-BS1, B036708-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Diethyl Ether, Methylene Chloride, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropene

B036708-BS1, B036708-BSD1

SW-846 9045C

Qualifications:

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample received after recommended holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

11I0023-09[IDWS-1]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: TB-08302011 | Sampled: 8/30/2011 08:00

Sample ID: 11I0023-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 3:33	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Chloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: TB-08302011 | Sampled: 8/30/2011 08:00

Sample ID: 11I0023-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 3:33	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		9/3/11 3:33
Toluene-d8	101	70-130		9/3/11 3:33
4-Bromofluorobenzene	97.5	70-130		9/3/11 3:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-25 | Sampled: 8/30/2011 08:40

Sample ID: 11I0023-02

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 7:50	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Chloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-25 | Sampled: 8/30/2011 08:40

Sample ID: 11I0023-02

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 7:50	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		9/3/11 7:50
Toluene-d8	101	70-130		9/3/11 7:50
4-Bromofluorobenzene	98.4	70-130		9/3/11 7:50

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-25 | Sampled: 8/30/2011 08:40

Sample ID: 11I0023-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.055	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:27	OP
Chromium	0.35	0.010	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:27	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-25 | Sampled: 8/30/2011 08:40

Sample ID: 11I0023-02

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.039	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/7/11 16:23	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	9/6/11	9/7/11 16:23	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-50 | Sampled: 8/30/2011 09:20

Sample ID: 11I0023-03

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 8:22	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Chloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-50 | Sampled: 8/30/2011 09:20

Sample ID: 11I0023-03

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Tetrachloroethylene	2.6	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:22	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		9/3/11 8:22
Toluene-d8	99.9	70-130		9/3/11 8:22
4-Bromofluorobenzene	98.4	70-130		9/3/11 8:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-50 | Sampled: 8/30/2011 09:20

Sample ID: 11I0023-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.024	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:32	OP
Chromium	0.49	0.010	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:32	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-50 | Sampled: 8/30/2011 09:20

Sample ID: 11I0023-03

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.011	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/7/11 16:45	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	9/6/11	9/7/11 16:45	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-75 | Sampled: 8/30/2011 10:35

Sample ID: 11I0023-04

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 8:54	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Chloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
cis-1,2-Dichloroethylene	2.7	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-75 | Sampled: 8/30/2011 10:35

Sample ID: 11I0023-04

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Tetrachloroethylene	9.9	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Trichloroethylene	3.3	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 8:54	TJR

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	105	70-130		9/3/11	8:54
Toluene-d8	102	70-130		9/3/11	8:54
4-Bromofluorobenzene	98.1	70-130		9/3/11	8:54

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-75 | Sampled: 8/30/2011 10:35

Sample ID: 11I0023-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.10	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:37	OP
Chromium	3.0	0.010	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:37	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-75 | Sampled: 8/30/2011 10:35

Sample ID: 11I0023-04

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.0051	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/7/11 16:49	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	9/6/11	9/7/11 16:49	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-100 | Sampled: 8/30/2011 12:35

Sample ID: 11I0023-05

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 9:26	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Chloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
cis-1,2-Dichloroethylene	1.8	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-100 | Sampled: 8/30/2011 12:35

Sample ID: 11I0023-05

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Tetrachloroethylene	6.6	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Trichloroethylene	3.8	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:26	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		9/3/11 9:26
Toluene-d8	100	70-130		9/3/11 9:26
4-Bromofluorobenzene	100	70-130		9/3/11 9:26

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-100 | Sampled: 8/30/2011 12:35

Sample ID: 11I0023-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.0047	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:41	OP
Chromium	0.85	0.010	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:41	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-100 | Sampled: 8/30/2011 12:35

Sample ID: 11I0023-05

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/7/11 17:10	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	9/6/11	9/7/11 17:10	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-125 | Sampled: 8/30/2011 15:00

Sample ID: 11I0023-06

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 9:58	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Chloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
cis-1,2-Dichloroethylene	1.5	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-125 | Sampled: 8/30/2011 15:00

Sample ID: 11I0023-06

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Tetrachloroethylene	7.0	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Trichloroethylene	2.2	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 9:58	TJR

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	105	70-130		9/3/11	9:58
Toluene-d8	101	70-130		9/3/11	9:58
4-Bromofluorobenzene	98.2	70-130		9/3/11	9:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-125 | Sampled: 8/30/2011 15:00

Sample ID: 11I0023-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:46	OP
Chromium	1.1	0.010	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:46	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-125 | Sampled: 8/30/2011 15:00

Sample ID: 11I0023-06

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/7/11 17:14	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	9/6/11	9/7/11 17:14	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-125Q | Sampled: 8/30/2011 15:00

Sample ID: 11I0023-07

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 10:30	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Chloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
cis-1,2-Dichloroethylene	2.4	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-125Q | Sampled: 8/30/2011 15:00

Sample ID: 11I0023-07

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Tetrachloroethylene	12	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Trichloroethylene	3.8	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 10:30	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		9/3/11 10:30
Toluene-d8	100	70-130		9/3/11 10:30
4-Bromofluorobenzene	98.4	70-130		9/3/11 10:30

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-125Q | Sampled: 8/30/2011 15:00

Sample ID: 11I0023-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:51	OP
Chromium	1.2	0.010	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:51	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-125Q | Sampled: 8/30/2011 15:00

Sample ID: 11I0023-07

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/7/11 17:19	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	9/6/11	9/7/11 17:19	OP

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-150 | Sampled: 8/30/2011 17:15

Sample ID: 11I0023-08

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 11:02	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Chloroethane	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
cis-1,2-Dichloroethylene	1.2	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-150 | Sampled: 8/30/2011 17:15

Sample ID: 11I0023-08

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	9/2/11	9/3/11 11:02	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		9/3/11 11:02
Toluene-d8	101	70-130		9/3/11 11:02
4-Bromofluorobenzene	98.7	70-130		9/3/11 11:02

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-150 | Sampled: 8/30/2011 17:15

Sample ID: 11I0023-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	0.0054	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:56	OP
Chromium	2.3	0.010	mg/L	1		SW-846 6010C	9/6/11	9/8/11 16:56	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: PW13-150 | Sampled: 8/30/2011 17:15

Sample ID: 11I0023-08

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	9/6/11	9/7/11 17:23	OP
Chromium	ND	0.010	mg/L	1		SW-846 6010C	9/6/11	9/7/11 17:23	OP

con-test® ANALYTICAL LABORATORY
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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: IDWS-1 | Sampled: 8/31/2011 12:30

Sample ID: 11I0023-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	mg/Kg dry	1	V-16	SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Acrylonitrile	ND	0.0076	mg/Kg dry	1	V-16	SW-846 8260C	9/2/11	9/2/11 10:27	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Benzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Bromobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Bromochloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Bromoform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
2-Butanone (MEK)	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260C	9/2/11	9/2/11 10:27	MFF
tert-Butyl Alcohol (TBA)	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260C	9/2/11	9/2/11 10:27	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
sec-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
tert-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Carbon Disulfide	ND	0.0076	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Chlorodibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Chloroform	ND	0.0050	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Dibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,1-Dichloroethylene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: IDWS-1 | Sampled: 8/31/2011 12:30

Sample ID: 11I0023-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	0.025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1	V-05, V-16	SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Ethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
2-Hexanone (MBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Isopropylbenzene (Cumene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Naphthalene	ND	0.0050	mg/Kg dry	1	V-05	SW-846 8260C	9/2/11	9/2/11 10:27	MFF
n-Propylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Styrene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1	V-16	SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Toluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1	V-05	SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1	V-05	SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,3,5-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,2,4-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
1,3,5-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
m+p Xylene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF
o-Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	9/2/11	9/2/11 10:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		9/2/11 10:27
Toluene-d8	105	70-130		9/2/11 10:27
4-Bromofluorobenzene	101	70-130		9/2/11 10:27

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: IDWS-1 | Sampled: 8/31/2011 12:30

Sample ID: 11I0023-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	9/2/11	9/2/11 12:45	VAK
pH @20°C	8.7		pH Units	1	H-03	SW-846 9045C	9/2/11	9/2/11 8:15	LL
% Solids	86.2		% Wt	1		SM 2540G	9/6/11	9/6/11 17:01	VAF

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11I0023

Date Received: 9/1/2011

Field Sample #: IDWS-1 | Sampled: 8/31/2011 12:30

Sample ID: 11I0023-09

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010C	9/2/11	9/6/11 12:05	OP
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	9/2/11	9/2/11 13:34	CWB
Barium	0.064	0.050	mg/L	1		SW-846 6010C	9/2/11	9/6/11 12:05	OP
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C	9/2/11	9/6/11 12:05	OP
Chromium	0.022	0.010	mg/L	1		SW-846 6010C	9/2/11	9/6/11 12:05	OP
Lead	ND	0.010	mg/L	1		SW-846 6010C	9/2/11	9/6/11 12:05	OP
Selenium	ND	0.050	mg/L	1		SW-846 6010C	9/2/11	9/6/11 12:05	OP
Silver	ND	0.0050	mg/L	1		SW-846 6010C	9/2/11	9/6/11 12:05	OP

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
11I0023-09 [IDWS-1]	B036769	09/06/11

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0023-09 [IDWS-1]	B036717	50.0	50.0	09/02/11

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 9/1/2011 per SW-846 1311 in Batch B036593**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11I0023-09 [IDWS-1]	B036715	50.0	50.0	09/02/11

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11I0023-02 [PW13-25]	B036819	50.0	50.0	09/06/11
11I0023-03 [PW13-50]	B036819	50.0	50.0	09/06/11
11I0023-04 [PW13-75]	B036819	50.0	50.0	09/06/11
11I0023-05 [PW13-100]	B036819	50.0	50.0	09/06/11
11I0023-06 [PW13-125]	B036819	50.0	50.0	09/06/11
11I0023-07 [PW13-125Q]	B036819	50.0	50.0	09/06/11
11I0023-08 [PW13-150]	B036819	50.0	50.0	09/06/11

Prep Method: SW-846 3005A Dissolved-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11I0023-02 [PW13-25]	B036820	50.0	50.0	09/06/11
11I0023-03 [PW13-50]	B036820	50.0	50.0	09/06/11
11I0023-04 [PW13-75]	B036820	50.0	50.0	09/06/11
11I0023-05 [PW13-100]	B036820	50.0	50.0	09/06/11
11I0023-06 [PW13-125]	B036820	50.0	50.0	09/06/11
11I0023-07 [PW13-125Q]	B036820	50.0	50.0	09/06/11
11I0023-08 [PW13-150]	B036820	50.0	50.0	09/06/11

Prep Method: SW-846 7470A Prep-SW-846 7470A **Leachates were extracted on 9/1/2011 per SW-846 1311 in Batch B036593**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11I0023-09 [IDWS-1]	B036703	6.00	6.00	09/02/11

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
11I0023-09 [IDWS-1]	B036681	4.60	10.0	09/02/11

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11I0023-01 [TB-08302011]	B036708	5	5.00	09/02/11
11I0023-02 [PW13-25]	B036708	5	5.00	09/02/11
11I0023-03 [PW13-50]	B036708	5	5.00	09/02/11
11I0023-04 [PW13-75]	B036708	5	5.00	09/02/11
11I0023-05 [PW13-100]	B036708	5	5.00	09/02/11
11I0023-06 [PW13-125]	B036708	5	5.00	09/02/11
11I0023-07 [PW13-125Q]	B036708	5	5.00	09/02/11
11I0023-08 [PW13-150]	B036708	5	5.00	09/02/11

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
11I0023-09 [IDWS-1]	B036726	20.0	09/02/11

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036681 - SW-846 5035										
Blank (B036681-BLK1)				Prepared & Analyzed: 09/02/11						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0040	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-05, V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B036681 - SW-846 5035											
Blank (B036681-BLK1)				Prepared & Analyzed: 09/02/11							
Methylene Chloride	ND	0.020	mg/Kg wet								
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet								
Naphthalene	ND	0.0040	mg/Kg wet							V-05	
n-Propylbenzene	ND	0.0020	mg/Kg wet								
Styrene	ND	0.0020	mg/Kg wet								
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05	
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							V-05	
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0513*		mg/Kg wet	0.0500		103	70-130				
Surrogate: Toluene-d8	*0.0528*		mg/Kg wet	0.0500		106	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0493*		mg/Kg wet	0.0500		98.6	70-130				
LCS (B036681-BS1)				Prepared & Analyzed: 09/02/11							
Acetone	0.251	0.10	mg/Kg wet	0.200		126	70-160			V-16	†
Acrylonitrile	0.0176	0.0060	mg/Kg wet	0.0200		87.9	70-130			V-16	
tert-Amyl Methyl Ether (TAME)	0.0196	0.0010	mg/Kg wet	0.0200		98.2	70-130				
Benzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130				
Bromobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130				
Bromochloromethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130				
Bromodichloromethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromoform	0.0184	0.0020	mg/Kg wet	0.0200		91.9	70-130				
Bromomethane	0.0137	0.010	mg/Kg wet	0.0200		68.5	40-130				†
2-Butanone (MEK)	0.197	0.040	mg/Kg wet	0.200		98.4	70-160			V-16	†
tert-Butyl Alcohol (TBA)	0.174	0.040	mg/Kg wet	0.200		87.2	40-130			V-16	†
n-Butylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130				
sec-Butylbenzene	0.0251	0.0020	mg/Kg wet	0.0200		126	70-130				
tert-Butylbenzene	0.0261	0.0020	mg/Kg wet	0.0200		130	70-160				†
tert-Butyl Ethyl Ether (TBEE)	0.0168	0.0010	mg/Kg wet	0.0200		84.0	70-130				
Carbon Disulfide	0.0183	0.0060	mg/Kg wet	0.0200		91.5	70-130				
Carbon Tetrachloride	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130				
Chlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130				
Chlorodibromomethane	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130				
Chloroethane	0.0209	0.020	mg/Kg wet	0.0200		104	70-130				
Chloroform	0.0212	0.0040	mg/Kg wet	0.0200		106	70-130				
Chloromethane	0.0155	0.010	mg/Kg wet	0.0200		77.3	70-130				
2-Chlorotoluene	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130				

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036681 - SW-846 5035												
LCS (B036681-BS1)				Prepared & Analyzed: 09/02/11								
4-Chlorotoluene	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0178	0.0040	mg/Kg wet	0.0200		89.0		70-130				
1,2-Dibromoethane (EDB)	0.0197	0.0010	mg/Kg wet	0.0200		98.7		70-130				
Dibromomethane	0.0189	0.0020	mg/Kg wet	0.0200		94.5		70-130				
1,2-Dichlorobenzene	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130				
1,3-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130				
1,4-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130				
trans-1,4-Dichloro-2-butene	0.0207	0.0040	mg/Kg wet	0.0200		104		70-130				
Dichlorodifluoromethane (Freon 12)	0.0175	0.020	mg/Kg wet	0.0200		87.6		40-160				†
1,1-Dichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130				
1,2-Dichloroethane	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130				
1,1-Dichloroethylene	0.0211	0.0040	mg/Kg wet	0.0200		106		70-130				
cis-1,2-Dichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130				
trans-1,2-Dichloroethylene	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130				
1,2-Dichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
1,3-Dichloropropane	0.0219	0.0010	mg/Kg wet	0.0200		110		70-130				
2,2-Dichloropropane	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
1,1-Dichloropropene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130				
cis-1,3-Dichloropropene	0.0212	0.0010	mg/Kg wet	0.0200		106		70-130				
trans-1,3-Dichloropropene	0.0239	0.0010	mg/Kg wet	0.0200		120		70-130				
Diethyl Ether	0.0258	0.020	mg/Kg wet	0.0200		129		70-130				
Diisopropyl Ether (DIPE)	0.0179	0.0010	mg/Kg wet	0.0200		89.5		70-130				
1,4-Dioxane	0.165	0.10	mg/Kg wet	0.200		82.4		40-160			V-05, V-16	†
Ethylbenzene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130				
Hexachlorobutadiene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-160				
2-Hexanone (MBK)	0.184	0.020	mg/Kg wet	0.200		92.0		70-160				†
Isopropylbenzene (Cumene)	0.0272	0.0020	mg/Kg wet	0.0200		**136**	*	70-130			L-02	
p-Isopropyltoluene (p-Cymene)	0.0259	0.0020	mg/Kg wet	0.0200		129		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0213	0.0040	mg/Kg wet	0.0200		106		70-130				
Methylene Chloride	0.0189	0.020	mg/Kg wet	0.0200		94.6		40-160				†
4-Methyl-2-pentanone (MIBK)	0.176	0.020	mg/Kg wet	0.200		87.8		70-160				†
Naphthalene	0.0131	0.0040	mg/Kg wet	0.0200		65.4		40-130			V-05	†
n-Propylbenzene	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130				
Styrene	0.0229	0.0020	mg/Kg wet	0.0200		114		70-130				
1,1,1,2-Tetrachloroethane	0.0219	0.0020	mg/Kg wet	0.0200		109		70-130				
1,1,2,2-Tetrachloroethane	0.0190	0.0010	mg/Kg wet	0.0200		94.8		70-130				
Tetrachloroethylene	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130				
Tetrahydrofuran	0.0213	0.010	mg/Kg wet	0.0200		106		70-130			V-16	
Toluene	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130				
1,2,3-Trichlorobenzene	0.0144	0.0020	mg/Kg wet	0.0200		72.0		70-130			V-05	
1,2,4-Trichlorobenzene	0.0144	0.0020	mg/Kg wet	0.0200		72.0		70-130			V-05	
1,3,5-Trichlorobenzene	0.0173	0.0020	mg/Kg wet	0.0200		86.7		70-130				
1,1,1-Trichloroethane	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130				
1,1,2-Trichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130				
Trichloroethylene	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130				
Trichlorofluoromethane (Freon 11)	0.0202	0.010	mg/Kg wet	0.0200		101		70-130				
1,2,3-Trichloropropane	0.0169	0.0020	mg/Kg wet	0.0200		84.5		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0212	0.010	mg/Kg wet	0.0200		106		70-130				
1,2,4-Trimethylbenzene	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130				
1,3,5-Trimethylbenzene	0.0241	0.0020	mg/Kg wet	0.0200		120		70-130				
Vinyl Chloride	0.0145	0.010	mg/Kg wet	0.0200		72.7		40-130				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036681 - SW-846 5035												
LCS (B036681-BS1)				Prepared & Analyzed: 09/02/11								
m+p Xylene	0.0444	0.0040	mg/Kg wet	0.0400		111		70-130				
o-Xylene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0526*		mg/Kg wet	0.0500		105		70-130				
Surrogate: Toluene-d8	*0.0533*		mg/Kg wet	0.0500		107		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0535*		mg/Kg wet	0.0500		107		70-130				
LCS Dup (B036681-BSD1)				Prepared & Analyzed: 09/02/11								
Acetone	0.215	0.10	mg/Kg wet	0.200		108		70-160	15.6	25	V-16	†
Acrylonitrile	0.0170	0.0060	mg/Kg wet	0.0200		84.8		70-130	3.59	25	V-16	
tert-Amyl Methyl Ether (TAME)	0.0201	0.0010	mg/Kg wet	0.0200		100		70-130	2.22	25		
Benzene	0.0205	0.0020	mg/Kg wet	0.0200		103		70-130	3.57	25		
Bromobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130	1.57	25		
Bromochloromethane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	2.62	25		
Bromodichloromethane	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130	3.92	25		
Bromoform	0.0186	0.0020	mg/Kg wet	0.0200		93.2		70-130	1.40	25		
Bromomethane	0.0153	0.010	mg/Kg wet	0.0200		76.3		40-130	10.8	25		†
2-Butanone (MEK)	0.187	0.040	mg/Kg wet	0.200		93.6		70-160	4.97	25	V-16	†
tert-Butyl Alcohol (TBA)	0.176	0.040	mg/Kg wet	0.200		87.8		40-130	0.698	25	V-16	†
n-Butylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	5.57	25		
sec-Butylbenzene	0.0261	0.0020	mg/Kg wet	0.0200		**131**	*	70-130	3.98	25	L-07	
tert-Butylbenzene	0.0276	0.0020	mg/Kg wet	0.0200		138		70-160	5.74	25		†
tert-Butyl Ethyl Ether (TBEE)	0.0165	0.0010	mg/Kg wet	0.0200		82.6		70-130	1.68	25		
Carbon Disulfide	0.0181	0.0060	mg/Kg wet	0.0200		90.6		70-130	0.988	25		
Carbon Tetrachloride	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	2.78	25		
Chlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		114		70-130	5.01	25		
Chlorodibromomethane	0.0195	0.0010	mg/Kg wet	0.0200		97.6		70-130	2.83	25		
Chloroethane	0.0209	0.020	mg/Kg wet	0.0200		104		70-130	0.00	25		
Chloroform	0.0212	0.0040	mg/Kg wet	0.0200		106		70-130	0.189	25		
Chloromethane	0.0156	0.010	mg/Kg wet	0.0200		78.2		70-130	1.16	25		
2-Chlorotoluene	0.0234	0.0020	mg/Kg wet	0.0200		117		70-130	3.30	25		
4-Chlorotoluene	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130	5.86	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0188	0.0040	mg/Kg wet	0.0200		94.0		70-130	5.46	25		
1,2-Dibromoethane (EDB)	0.0193	0.0010	mg/Kg wet	0.0200		96.5		70-130	2.25	25		
Dibromomethane	0.0193	0.0020	mg/Kg wet	0.0200		96.6		70-130	2.20	25		
1,2-Dichlorobenzene	0.0231	0.0020	mg/Kg wet	0.0200		116		70-130	3.61	25		
1,3-Dichlorobenzene	0.0223	0.0020	mg/Kg wet	0.0200		111		70-130	7.17	25		
1,4-Dichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	4.20	25		
trans-1,4-Dichloro-2-butene	0.0189	0.0040	mg/Kg wet	0.0200		94.4		70-130	9.29	25		
Dichlorodifluoromethane (Freon 12)	0.0175	0.020	mg/Kg wet	0.0200		87.3		40-160	0.343	25		†
1,1-Dichloroethane	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130	0.681	25		
1,2-Dichloroethane	0.0235	0.0020	mg/Kg wet	0.0200		118		70-130	0.511	25		
1,1-Dichloroethylene	0.0223	0.0040	mg/Kg wet	0.0200		112		70-130	5.43	25		
cis-1,2-Dichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130	0.498	25		
trans-1,2-Dichloroethylene	0.0235	0.0020	mg/Kg wet	0.0200		117		70-130	5.33	25		
1,2-Dichloropropane	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130	0.878	25		
1,3-Dichloropropane	0.0218	0.0010	mg/Kg wet	0.0200		109		70-130	0.366	25		
2,2-Dichloropropane	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130	0.976	25		
1,1-Dichloropropene	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130	0.453	25		
cis-1,3-Dichloropropene	0.0213	0.0010	mg/Kg wet	0.0200		106		70-130	0.471	25		
trans-1,3-Dichloropropene	0.0238	0.0010	mg/Kg wet	0.0200		119		70-130	0.503	25		
Diethyl Ether	0.0251	0.020	mg/Kg wet	0.0200		125		70-130	2.91	25		
Diisopropyl Ether (DIPE)	0.0181	0.0010	mg/Kg wet	0.0200		90.3		70-130	0.890	25		

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036681 - SW-846 5035												
LCS Dup (B036681-BSD1)				Prepared & Analyzed: 09/02/11								
1,4-Dioxane	0.179	0.10	mg/Kg wet	0.200		89.4		40-160	8.09	50	V-05, V-16	† ‡
Ethylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		117		70-130	3.56	25		
Hexachlorobutadiene	0.0231	0.0020	mg/Kg wet	0.0200		116		70-160	4.60	25		
2-Hexanone (MBK)	0.171	0.020	mg/Kg wet	0.200		85.6		70-160	7.23	25		†
Isopropylbenzene (Cumene)	0.0291	0.0020	mg/Kg wet	0.0200		**146**	*	70-130	6.89	25	L-02	
p-Isopropyltoluene (p-Cymene)	0.0277	0.0020	mg/Kg wet	0.0200		**139**	*	70-130	6.87	25	L-07	
Methyl tert-Butyl Ether (MTBE)	0.0210	0.0040	mg/Kg wet	0.0200		105		70-130	1.42	25		
Methylene Chloride	0.0187	0.020	mg/Kg wet	0.0200		93.6		40-160	1.06	25		†
4-Methyl-2-pentanone (MIBK)	0.170	0.020	mg/Kg wet	0.200		85.1		70-160	3.07	25		†
Naphthalene	0.0133	0.0040	mg/Kg wet	0.0200		66.5		40-130	1.67	25	V-05	†
n-Propylbenzene	0.0241	0.0020	mg/Kg wet	0.0200		120		70-130	2.86	25		
Styrene	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	4.69	25		
1,1,1,2-Tetrachloroethane	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130	3.94	25		
1,1,2,2-Tetrachloroethane	0.0182	0.0010	mg/Kg wet	0.0200		91.2		70-130	3.87	25		
Tetrachloroethylene	0.0243	0.0020	mg/Kg wet	0.0200		122		70-130	0.410	25		
Tetrahydrofuran	0.0179	0.010	mg/Kg wet	0.0200		89.3		70-130	17.5	25	V-16	
Toluene	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130	0.350	25		
1,2,3-Trichlorobenzene	0.0147	0.0020	mg/Kg wet	0.0200		73.7		70-130	2.33	25	V-05	
1,2,4-Trichlorobenzene	0.0148	0.0020	mg/Kg wet	0.0200		74.0		70-130	2.74	25	V-05	
1,3,5-Trichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.5		70-130	4.29	25		
1,1,1-Trichloroethane	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130	0.589	25		
1,1,2-Trichloroethane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130	1.48	25		
Trichloroethylene	0.0227	0.0020	mg/Kg wet	0.0200		114		70-130	0.788	25		
Trichlorofluoromethane (Freon 11)	0.0202	0.010	mg/Kg wet	0.0200		101		70-130	0.396	25		
1,2,3-Trichloropropane	0.0167	0.0020	mg/Kg wet	0.0200		83.6		70-130	1.07	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0213	0.010	mg/Kg wet	0.0200		107		70-130	0.659	25		
1,2,4-Trimethylbenzene	0.0249	0.0020	mg/Kg wet	0.0200		125		70-130	5.10	25		
1,3,5-Trimethylbenzene	0.0256	0.0020	mg/Kg wet	0.0200		128		70-130	5.96	25		
Vinyl Chloride	0.0146	0.010	mg/Kg wet	0.0200		72.8		40-130	0.137	25		†
m+p Xylene	0.0467	0.0040	mg/Kg wet	0.0400		117		70-130	5.05	25		
o-Xylene	0.0245	0.0020	mg/Kg wet	0.0200		122		70-130	6.15	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0508*		mg/Kg wet	0.0500		102		70-130				
Surrogate: Toluene-d8	*0.0520*		mg/Kg wet	0.0500		104		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0524*		mg/Kg wet	0.0500		105		70-130				
Batch B036708 - SW-846 5030B												
Blank (B036708-BLK1)				Prepared: 09/02/11 Analyzed: 09/03/11								
Acetone	ND	50	µg/L									
Acrylonitrile	ND	5.0	µg/L									
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L									
Benzene	ND	1.0	µg/L									
Bromobenzene	ND	1.0	µg/L									
Bromochloromethane	ND	1.0	µg/L									
Bromodichloromethane	ND	0.50	µg/L									
Bromoform	ND	1.0	µg/L									
Bromomethane	ND	2.0	µg/L								V-05	
2-Butanone (MEK)	ND	20	µg/L									
tert-Butyl Alcohol (TBA)	ND	20	µg/L									
n-Butylbenzene	ND	1.0	µg/L									
sec-Butylbenzene	ND	1.0	µg/L									
tert-Butylbenzene	ND	1.0	µg/L									

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036708 - SW-846 5030B										
Blank (B036708-BLK1)				Prepared: 09/02/11 Analyzed: 09/03/11						
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	5.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							L-04, V-05
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							V-05
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							V-05
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036708 - SW-846 5030B												
Blank (B036708-BLK1)				Prepared: 09/02/11 Analyzed: 09/03/11								
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105		70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100		70-130				
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.4		70-130				
LCS (B036708-BS1)				Prepared: 09/02/11 Analyzed: 09/03/11								
Acetone	105	50	µg/L	100		105		70-160				†
Acrylonitrile	11.2	5.0	µg/L	10.0		112		70-130				
tert-Amyl Methyl Ether (TAME)	9.50	0.50	µg/L	10.0		95.0		70-130				
Benzene	10.4	1.0	µg/L	10.0		104		70-130				
Bromobenzene	10.3	1.0	µg/L	10.0		103		70-130				
Bromochloromethane	10.6	1.0	µg/L	10.0		106		70-130				
Bromodichloromethane	10.6	0.50	µg/L	10.0		106		70-130				
Bromoform	8.39	1.0	µg/L	10.0		83.9		70-130				
Bromomethane	5.09	2.0	µg/L	10.0		50.9		40-160			V-05	†
2-Butanone (MEK)	98.4	20	µg/L	100		98.4		40-160				†
tert-Butyl Alcohol (TBA)	89.8	20	µg/L	100		89.8		40-160				†
n-Butylbenzene	10.0	1.0	µg/L	10.0		100		70-130				
sec-Butylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
tert-Butyl Ethyl Ether (TBEE)	8.48	0.50	µg/L	10.0		84.8		70-130				
Carbon Disulfide	11.4	2.0	µg/L	10.0		114		70-130				
Carbon Tetrachloride	9.91	5.0	µg/L	10.0		99.1		70-130				
Chlorobenzene	10.2	1.0	µg/L	10.0		102		70-130				
Chlorodibromomethane	8.54	0.50	µg/L	10.0		85.4		70-130				
Chloroethane	9.44	5.0	µg/L	10.0		94.4		70-130				
Chloroform	9.91	2.0	µg/L	10.0		99.1		70-130				
Chloromethane	9.16	2.0	µg/L	10.0		91.6		40-160				†
2-Chlorotoluene	10.2	1.0	µg/L	10.0		102		70-130				
4-Chlorotoluene	10.3	1.0	µg/L	10.0		103		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.21	5.0	µg/L	10.0		82.1		70-130				
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107		70-130				
Dibromomethane	10.8	1.0	µg/L	10.0		108		70-130				
1,2-Dichlorobenzene	10.5	1.0	µg/L	10.0		105		70-130				
1,3-Dichlorobenzene	10.4	1.0	µg/L	10.0		104		70-130				
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130				
trans-1,4-Dichloro-2-butene	6.62	2.0	µg/L	10.0		**66.2**	*	70-130			L-04, V-05	
Dichlorodifluoromethane (Freon 12)	7.58	2.0	µg/L	10.0		75.8		40-160			V-05	†
1,1-Dichloroethane	11.8	1.0	µg/L	10.0		118		70-130				
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,1-Dichloroethylene	11.8	1.0	µg/L	10.0		118		70-130				
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100		70-130				
trans-1,2-Dichloroethylene	13.1	1.0	µg/L	10.0		**131**	*	70-130			L-07, V-20	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B036708 - SW-846 5030B											
LCS (B036708-BS1)				Prepared: 09/02/11 Analyzed: 09/03/11							
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	70-130				
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130				
2,2-Dichloropropane	6.74	1.0	µg/L	10.0		67.4	40-130			V-05	†
1,1-Dichloropropene	10.7	2.0	µg/L	10.0		107	70-130				
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130				
trans-1,3-Dichloropropene	12.1	0.50	µg/L	10.0		121	70-130			V-20	
Diethyl Ether	12.0	2.0	µg/L	10.0		120	70-130			V-20	
Diisopropyl Ether (DIPE)	11.2	0.50	µg/L	10.0		112	70-130				
1,4-Dioxane	89.8	50	µg/L	100		89.8	40-130			V-16	†
Ethylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
Hexachlorobutadiene	10.4	0.50	µg/L	10.0		104	70-130				
2-Hexanone (MBK)	98.6	10	µg/L	100		98.6	70-160				†
Isopropylbenzene (Cumene)	11.9	1.0	µg/L	10.0		119	70-130				
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.0		107	70-130				
Methyl tert-Butyl Ether (MTBE)	10.9	1.0	µg/L	10.0		109	70-130				
Methylene Chloride	12.1	5.0	µg/L	10.0		121	70-130			V-20	
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100		102	70-160				†
Naphthalene	11.2	2.0	µg/L	10.0		112	40-130				†
n-Propylbenzene	10.2	1.0	µg/L	10.0		102	70-130				
Styrene	9.95	1.0	µg/L	10.0		99.5	70-130				
1,1,1,2-Tetrachloroethane	9.31	1.0	µg/L	10.0		93.1	70-130				
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102	70-130				
Tetrachloroethylene	10.1	1.0	µg/L	10.0		101	70-130				
Tetrahydrofuran	8.72	10	µg/L	10.0		87.2	70-130				
Toluene	10.1	1.0	µg/L	10.0		101	70-130				
1,2,3-Trichlorobenzene	11.0	5.0	µg/L	10.0		110	70-130				
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130				
1,3,5-Trichlorobenzene	9.49	1.0	µg/L	10.0		94.9	70-130				
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130				
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130				
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
Trichlorofluoromethane (Freon 11)	9.72	2.0	µg/L	10.0		97.2	70-130				
1,2,3-Trichloropropane	9.27	2.0	µg/L	10.0		92.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104	70-130				
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
1,3,5-Trimethylbenzene	9.96	1.0	µg/L	10.0		99.6	70-130				
Vinyl Chloride	8.55	2.0	µg/L	10.0		85.5	40-160				†
m+p Xylene	20.7	2.0	µg/L	20.0		103	70-130				
o-Xylene	10.4	1.0	µg/L	10.0		104	70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.9*		µg/L	25.0		104	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.7	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B036708 - SW-846 5030B												
LCS Dup (B036708-BSD1)				Prepared: 09/02/11 Analyzed: 09/03/11								
Acetone	104	50	µg/L	100		104		70-160	0.584	25		†
Acrylonitrile	10.5	5.0	µg/L	10.0		105		70-130	6.18	25		
tert-Amyl Methyl Ether (TAME)	9.33	0.50	µg/L	10.0		93.3		70-130	1.81	25		
Benzene	10.6	1.0	µg/L	10.0		106		70-130	1.33	25		
Bromobenzene	10.2	1.0	µg/L	10.0		102		70-130	0.978	25		
Bromochloromethane	11.3	1.0	µg/L	10.0		113		70-130	5.66	25		
Bromodichloromethane	10.4	0.50	µg/L	10.0		104		70-130	2.28	25		
Bromoform	8.36	1.0	µg/L	10.0		83.6		70-130	0.358	25		
Bromomethane	5.86	2.0	µg/L	10.0		58.6		40-160	14.1	25	V-05	†
2-Butanone (MEK)	96.6	20	µg/L	100		96.6		40-160	1.93	25		†
tert-Butyl Alcohol (TBA)	86.6	20	µg/L	100		86.6		40-160	3.70	25		†
n-Butylbenzene	9.99	1.0	µg/L	10.0		99.9		70-130	0.300	25		
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104		70-130	1.05	25		
tert-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130	0.190	25		
tert-Butyl Ethyl Ether (TBEE)	8.58	0.50	µg/L	10.0		85.8		70-130	1.17	25		
Carbon Disulfide	11.2	2.0	µg/L	10.0		112		70-130	1.77	25		
Carbon Tetrachloride	9.69	5.0	µg/L	10.0		96.9		70-130	2.24	25		
Chlorobenzene	10.2	1.0	µg/L	10.0		102		70-130	0.0981	25		
Chlorodibromomethane	8.36	0.50	µg/L	10.0		83.6		70-130	2.13	25		
Chloroethane	10.6	5.0	µg/L	10.0		106		70-130	11.1	25		
Chloroform	9.93	2.0	µg/L	10.0		99.3		70-130	0.202	25		
Chloromethane	9.34	2.0	µg/L	10.0		93.4		40-160	1.95	25		†
2-Chlorotoluene	10.1	1.0	µg/L	10.0		101		70-130	1.58	25		
4-Chlorotoluene	10.2	1.0	µg/L	10.0		102		70-130	0.681	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.11	5.0	µg/L	10.0		81.1		70-130	1.23	25		
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106		70-130	1.41	25		
Dibromomethane	10.6	1.0	µg/L	10.0		106		70-130	1.31	25		
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130	2.21	25		
1,3-Dichlorobenzene	10.4	1.0	µg/L	10.0		104		70-130	0.384	25		
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130	1.57	25		
trans-1,4-Dichloro-2-butene	6.44	2.0	µg/L	10.0		**64.4**	*	70-130	2.76	25	L-04, V-05	
Dichlorodifluoromethane (Freon 12)	7.58	2.0	µg/L	10.0		75.8		40-160	0.00	25	V-05	†
1,1-Dichloroethane	11.9	1.0	µg/L	10.0		119		70-130	0.337	25		
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130	0.0926	25		
1,1-Dichloroethylene	11.9	1.0	µg/L	10.0		119		70-130	0.931	25		
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130	1.19	25		
trans-1,2-Dichloroethylene	12.9	1.0	µg/L	10.0		129		70-130	2.15	25	V-20	
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106		70-130	0.0944	25		
1,3-Dichloropropane	10.2	0.50	µg/L	10.0		102		70-130	0.585	25		
2,2-Dichloropropane	6.55	1.0	µg/L	10.0		65.5		40-130	2.86	25	V-05	†
1,1-Dichloropropene	10.8	2.0	µg/L	10.0		108		70-130	0.745	25		
cis-1,3-Dichloropropene	9.96	0.50	µg/L	10.0		99.6		70-130	1.49	25		
trans-1,3-Dichloropropene	12.1	0.50	µg/L	10.0		121		70-130	0.661	25	V-20	
Diethyl Ether	12.2	2.0	µg/L	10.0		122		70-130	0.826	25	V-20	
Diisopropyl Ether (DIPE)	11.4	0.50	µg/L	10.0		114		70-130	1.95	25		
1,4-Dioxane	91.0	50	µg/L	100		91.0		40-130	1.40	50	V-16	† ‡
Ethylbenzene	10.1	1.0	µg/L	10.0		101		70-130	1.18	25		
Hexachlorobutadiene	10.4	0.50	µg/L	10.0		104		70-130	0.192	25		
2-Hexanone (MBK)	97.1	10	µg/L	100		97.1		70-160	1.50	25		†
Isopropylbenzene (Cumene)	11.8	1.0	µg/L	10.0		118		70-130	0.930	25		
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.0		107		70-130	0.0936	25		
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108		70-130	1.47	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B036708 - SW-846 5030B											
LCS Dup (B036708-BSD1)				Prepared: 09/02/11 Analyzed: 09/03/11							
Methylene Chloride	12.4	5.0	µg/L	10.0		124	70-130	2.36	25	V-20	
4-Methyl-2-pentanone (MIBK)	98.7	10	µg/L	100		98.7	70-160	3.40	25		†
Naphthalene	11.2	2.0	µg/L	10.0		112	40-130	0.446	25		†
n-Propylbenzene	10.2	1.0	µg/L	10.0		102	70-130	0.490	25		
Styrene	9.82	1.0	µg/L	10.0		98.2	70-130	1.32	25		
1,1,1,2-Tetrachloroethane	9.24	1.0	µg/L	10.0		92.4	70-130	0.755	25		
1,1,2,2-Tetrachloroethane	9.99	0.50	µg/L	10.0		99.9	70-130	2.28	25		
Tetrachloroethylene	9.89	1.0	µg/L	10.0		98.9	70-130	2.50	25		
Tetrahydrofuran	8.51	10	µg/L	10.0		85.1	70-130	2.44	25		
Toluene	10.2	1.0	µg/L	10.0		102	70-130	1.09	25		
1,2,3-Trichlorobenzene	11.2	5.0	µg/L	10.0		112	70-130	1.35	25		
1,2,4-Trichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	0.0957	25		
1,3,5-Trichlorobenzene	9.21	1.0	µg/L	10.0		92.1	70-130	2.99	25		
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130	0.768	25		
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130	0.386	25		
Trichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	2.68	25		
Trichlorofluoromethane (Freon 11)	9.76	2.0	µg/L	10.0		97.6	70-130	0.411	25		
1,2,3-Trichloropropane	9.24	2.0	µg/L	10.0		92.4	70-130	0.324	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104	70-130	0.578	25		
1,2,4-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	1.15	25		
1,3,5-Trimethylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130	1.62	25		
Vinyl Chloride	8.85	2.0	µg/L	10.0		88.5	40-160	3.45	25		†
m+p Xylene	20.6	2.0	µg/L	20.0		103	70-130	0.388	25		
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130	2.63	25		
Surrogate: 1,2-Dichloroethane-d4	*25.9*		µg/L	25.0		104	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.8	70-130				

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036819 - SW-846 3005A										
Blank (B036819-BLK1)				Prepared: 09/06/11 Analyzed: 09/07/11						
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
LCS (B036819-BS1)				Prepared: 09/06/11 Analyzed: 09/07/11						
Cadmium	0.517	0.0040	mg/L	0.500		103	80-120			
Chromium	0.498	0.010	mg/L	0.500		99.6	80-120			
LCS Dup (B036819-BSD1)				Prepared: 09/06/11 Analyzed: 09/07/11						
Cadmium	0.543	0.0040	mg/L	0.500		109	80-120	4.90	20	
Chromium	0.520	0.010	mg/L	0.500		104	80-120	4.27	20	

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036820 - SW-846 3005A Dissolved										
Blank (B036820-BLK1)				Prepared: 09/06/11 Analyzed: 09/07/11						
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
LCS (B036820-BS1)				Prepared: 09/06/11 Analyzed: 09/07/11						
Cadmium	0.527	0.0040	mg/L	0.500		105	80-120			
Chromium	0.514	0.010	mg/L	0.500		103	80-120			
LCS Dup (B036820-BSD1)				Prepared: 09/06/11 Analyzed: 09/07/11						
Cadmium	0.541	0.0040	mg/L	0.500		108	80-120	2.73	20	
Chromium	0.528	0.010	mg/L	0.500		106	80-120	2.70	20	
Duplicate (B036820-DUP1)	**Source: 11I0023-02**			Prepared: 09/06/11 Analyzed: 09/07/11						
Cadmium	0.0386	0.0040	mg/L		0.0389			0.854	20	
Chromium	ND	0.010	mg/L		ND			NC	20	
Matrix Spike (B036820-MS1)	**Source: 11I0023-02**			Prepared: 09/06/11 Analyzed: 09/07/11						
Cadmium	0.553	0.0040	mg/L	0.500	0.0389	103	75-125			
Chromium	0.501	0.010	mg/L	0.500	ND	100	75-125			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036726 - SW-846 9045C										
Duplicate (B036726-DUP1)	**Source: 11I0023-09**		Prepared & Analyzed: 09/02/11							
pH	8.5		pH Units		8.7			1.74	8.06	

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B036703 - SW-846 7470A Prep										
Blank (B036703-BLK1)				Prepared & Analyzed: 09/02/11						
Mercury	ND	0.00010	mg/L							
LCS (B036703-BS1)				Prepared & Analyzed: 09/02/11						
Mercury	0.00209	0.00010	mg/L	0.00200		105	80-120			
LCS Dup (B036703-BSD1)				Prepared & Analyzed: 09/02/11						
Mercury	0.00216	0.00010	mg/L	0.00200		108	80-120	3.11	20	
Matrix Spike (B036703-MS1)		**Source: 11I0023-09**		Prepared & Analyzed: 09/02/11						
Mercury	0.00212	0.00010	mg/L	0.00200	ND	106	75-125			
Batch B036715 - SW-846 3010A										
Blank (B036715-BLK1)				Prepared: 09/02/11 Analyzed: 09/06/11						
Arsenic	ND	0.010	mg/L							
Barium	ND	0.050	mg/L							
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
Selenium	ND	0.050	mg/L							
Silver	ND	0.0050	mg/L							
LCS (B036715-BS1)				Prepared: 09/02/11 Analyzed: 09/06/11						
Arsenic	0.544	0.010	mg/L	0.500		109	80-120			
Barium	0.509	0.050	mg/L	0.500		102	80-120			
Cadmium	0.538	0.0040	mg/L	0.500		108	80-120			
Chromium	0.501	0.010	mg/L	0.500		100	80-120			
Lead	0.488	0.010	mg/L	0.500		97.5	80-120			
Selenium	0.593	0.050	mg/L	0.500		119	80-120			
Silver	0.505	0.0050	mg/L	0.500		101	80-120			
LCS Dup (B036715-BSD1)				Prepared: 09/02/11 Analyzed: 09/06/11						
Arsenic	0.550	0.010	mg/L	0.500		110	80-120	1.04	20	
Barium	0.509	0.050	mg/L	0.500		102	80-120	0.0311	20	
Cadmium	0.540	0.0040	mg/L	0.500		108	80-120	0.357	20	
Chromium	0.503	0.010	mg/L	0.500		101	80-120	0.384	20	
Lead	0.484	0.010	mg/L	0.500		96.8	80-120	0.783	20	
Selenium	0.580	0.050	mg/L	0.500		116	80-120	2.14	20	
Silver	0.509	0.0050	mg/L	0.500		102	80-120	0.763	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
H-03	Sample received after recommended holding time was exceeded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
PR-10	pH of sample (pH 7) is outside of method specified preservation criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 1030 in Soil	
Ignitability	NY,NH,CT,NC,ME
SW-846 6010C in Water	
Arsenic	NY,CT,NC,ME,NH
Cadmium	CT,NH,NY,RI,ME,NC
Cadmium	CT,NH,NY,RI,ME,NC
Chromium	CT,NH,NY,RI,ME,NC
Chromium	CT,NH,NY,RI,ME,NC
Barium	NY,CT,ME,NC,NH
Cadmium	NY,CT,ME,NC,NH
Chromium	NY,CT,ME,NC,NH
Lead	NY,CT,ME,NC,NH
Selenium	CT,ME,NC,NH,NY
Silver	CT,ME,NC,NH,NY
SW-846 7470A in Water	
Mercury	CT,ME,NC,NH,NY
SW-846 8260C in Soil	
Acetone	CT,NH,NY,NC,ME
Acrylonitrile	CT,NH,NY,NC,ME
tert-Amyl Methyl Ether (TAME)	NC
Benzene	CT,NH,NY,NC,ME
Bromobenzene	NH,NY,NC,ME
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME
Bromoform	CT,NH,NY,NC,ME
Bromomethane	CT,NH,NY,NC,ME
2-Butanone (MEK)	CT,NH,NY,NC,ME
tert-Butyl Alcohol (TBA)	NC
n-Butylbenzene	CT,NH,NY,NC,ME
sec-Butylbenzene	CT,NH,NY,NC,ME
tert-Butylbenzene	CT,NH,NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NC
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME
Chlorobenzene	CT,NH,NY,NC,ME
Chlorodibromomethane	CT,NH,NY,NC,ME
Chloroethane	CT,NH,NY,NC,ME
Chloroform	CT,NH,NY,NC,ME
Chloromethane	CT,NH,NY,NC,ME
2-Chlorotoluene	CT,NH,NY,NC,ME
4-Chlorotoluene	CT,NH,NY,NC,ME
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NH,NY,NC,ME
1,3-Dichlorobenzene	CT,NH,NY,NC,ME
1,4-Dichlorobenzene	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
trans-1,4-Dichloro-2-butene	NC
Dichlorodifluoromethane (Freon 12)	NY,NC,ME
1,1-Dichloroethane	CT,NH,NY,NC,ME
1,2-Dichloroethane	CT,NH,NY,NC,ME
1,1-Dichloroethylene	CT,NH,NY,NC,ME
cis-1,2-Dichloroethylene	CT,NH,NY,NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME
1,2-Dichloropropane	CT,NH,NY,NC,ME
1,3-Dichloropropane	NH,NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NC
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME
Hexachlorobutadiene	NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	CT,NH,NY,NC,ME
p-Isopropyltoluene (p-Cymene)	NC
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,NH,NY,NC,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	NC
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME
Tetrachloroethylene	CT,NH,NY,NC,ME
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME
1,2,3-Trichlorobenzene	NC,ME
1,2,4-Trichlorobenzene	NH,NY,NC,ME
1,3,5-Trichlorobenzene	NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME
1,1,2-Trichloroethane	CT,NH,NY,NC,ME
Trichloroethylene	CT,NH,NY,NC,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME
1,2,3-Trichloropropane	NH,NY,NC,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC
1,2,4-Trimethylbenzene	CT,NH,NY,NC,ME
1,3,5-Trimethylbenzene	CT,NH,NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME
m+p Xylene	CT,NH,NY,NC,ME
o-Xylene	CT,NH,NY,NC,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,NC,ME
Acrylonitrile	CT,NY,NC,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,NC,ME
Benzene	CT,NH,NY,NC,ME,RI
Bromobenzene	NC
Bromochloromethane	NH,NY,NC,ME
Bromodichloromethane	CT,NH,NY,NC,ME,RI
Bromoform	CT,NH,NY,NC,ME,RI
Bromomethane	CT,NH,NY,NC,ME,RI
2-Butanone (MEK)	CT,NH,NY,NC,ME
tert-Butyl Alcohol (TBA)	NH,NY,NC,ME
n-Butylbenzene	NY,NC,ME
sec-Butylbenzene	NY,NC,ME
tert-Butylbenzene	NY,NC,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,NC,ME
Carbon Disulfide	CT,NH,NY,NC,ME
Carbon Tetrachloride	CT,NH,NY,NC,ME,RI
Chlorobenzene	CT,NH,NY,NC,ME,RI
Chlorodibromomethane	CT,NH,NY,NC,ME,RI
Chloroethane	CT,NH,NY,NC,ME,RI
Chloroform	CT,NH,NY,NC,ME,RI
Chloromethane	CT,NH,NY,NC,ME,RI
2-Chlorotoluene	NY,NC,ME
4-Chlorotoluene	NY,NC,ME
1,2-Dibromo-3-chloropropane (DBCP)	NC
1,2-Dibromoethane (EDB)	NC
Dibromomethane	NH,NY,NC,ME
1,2-Dichlorobenzene	CT,NY,NC,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,NC,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,NC,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,NC,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,NC,ME,RI
1,1-Dichloroethane	CT,NH,NY,NC,ME,RI
1,2-Dichloroethane	CT,NH,NY,NC,ME,RI
1,1-Dichloroethylene	CT,NH,NY,NC,ME,RI
cis-1,2-Dichloroethylene	NC,ME
trans-1,2-Dichloroethylene	CT,NH,NY,NC,ME,RI
1,2-Dichloropropane	CT,NH,NY,NC,ME,RI
1,3-Dichloropropane	NY,NC,ME
2,2-Dichloropropane	NH,NY,NC,ME
1,1-Dichloropropene	NH,NY,NC,ME
cis-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,NC,ME,RI
Diethyl Ether	NC
Diisopropyl Ether (DIPE)	NH,NY,NC,ME
1,4-Dioxane	NC
Ethylbenzene	CT,NH,NY,NC,ME,RI

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Hexachlorobutadiene	CT,NH,NY,NC,ME
2-Hexanone (MBK)	CT,NH,NY,NC,ME
Isopropylbenzene (Cumene)	NY,NC,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,NC,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,NC,ME
Methylene Chloride	CT,NH,NY,NC,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,NC,ME
Naphthalene	NH,NY,NC,ME
n-Propylbenzene	CT,NH,NY,NC,ME
Styrene	CT,NH,NY,NC,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,NC,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,NC,ME,RI
Tetrachloroethylene	CT,NH,NY,NC,ME,RI
Tetrahydrofuran	NC
Toluene	CT,NH,NY,NC,ME,RI
1,2,3-Trichlorobenzene	NH,NY,NC,ME
1,2,4-Trichlorobenzene	CT,NH,NY,NC,ME
1,3,5-Trichlorobenzene	NC,ME
1,1,1-Trichloroethane	CT,NH,NY,NC,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,NC,ME,RI
Trichloroethylene	CT,NH,NY,NC,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,NC,ME,RI
1,2,3-Trichloropropane	NH,NY,NC,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,NC
1,2,4-Trimethylbenzene	NY,NC,ME
1,3,5-Trimethylbenzene	NY,NC,ME
Vinyl Chloride	CT,NH,NY,NC,ME,RI
m+p Xylene	CT,NH,NY,NC,ME,RI
o-Xylene	CT,NH,NY,NC,ME,RI

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 2

11I0023

Company Name: Ecology & Environment
Address: 368 Pleasant View Dr. Lancaster, NY 14086
Attention: B Kroon / R Watt
Project Location: Farmingdale, NY
Sampled By: B. Cervi, B. Chiasera

Telephone: 716-684-8060
Project # 002699.1025.02
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: per contract
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers: 8260B VOCs	# of Containers: 8260B VOCs	ANALYSIS REQUESTED: 6010 Cd/Cr Total	ANALYSIS REQUESTED: 6010 Cd/Cr Soluble
								3	2	1	1
								I	H	N	N
								V	V	P	P
01	TB-08302011	8/30/11	0800		X	DW	C		X		
02	PW13-25	8/30/11	0840		X	GW	L	3		1	1
03	PW13-50	8/30/11	0920		X	GW	L	3		1	1
04	PW13-75	8/30/11	1035		X	GW	L	3		1	1
05	PW13-100	8/30/11	1235		X	GW	L	3		1	1
06	PW13-125	8/30/11	1500		X	GW	L	3		1	1
07	PW13-125Q	8/30/11	1500		X	GW	L	3		1	1
08	PW13-150	8/30/11	1715		X	GW	L	3		1	1
				B.C							

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals
○ Field Filtered
○ Lab to Filter

*****Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Relinquished by: (signature)	Date/Time:
B. C	8/31/11
Received by: (signature)	Date/Time:
Paula Blakeboro	9/1/11 1257
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other ____
☐ RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval
per contract

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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CHAIN OF CUSTODY RECORD

Page 2 of 2

Company Name: Ecology and Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: B. Kroon / R. Watt
Project Location: Farmingdale, NY
Sampled By: B. Cerri, B. Chiasera

Telephone: (716) 684-8060
Project # ~~06~~ 002599.1025.02
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: Per Contract
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/~~Time~~	Collection ~~Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED: VOCs 8260B (EPA 5010/5000), TCLP metals (EPA 6010/7000), Corrosivity (SW 1010), and Ignitability (SW 9045).	VOCs 8260B BC	TCLP metals (EPA 6010/7000) BC	Corrosivity (SW 1010) BC	Ignitability (SW 9045) BC
09	IDW-1	8/31/11	1230	X		S	L	2	1						
								2	I	G		V	P	P	A
								2	I	G		V	P	P	A
								1	I	G		V	P	P	A
								1	I	G		V	P	P	A
								1	I	G		V	P	P	A
								1	I	G		V	P	P	A
								1	I	G		V	P	P	A
								1	I	G		V	P	P	A
								1	I	G		V	P	P	A

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: We only collected one IDW soil sample. and had to use 2oz jars for the VOC sample.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature]	8/31/11 1300
Received by: (signature) Paula Blakeley	Date/Time: 9/1/11 12:57
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day Per Contract
☐ Other ____
☐ †RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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United States

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Tracking Number

Log-In for additional tracking details.

Tracking Detail

K1825356137

Updated: 09/(

Delivered

Delivered On:
Thursday, 09/01/2011 at 12:57 P.M.

Request Status Updates

Left At:
Receiver

Signed By:
BLAKE

Proof of Delivery

Shippi

To:

Shipp

UPS

Additional Information

Type:

Package

Shipment Progress

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E-mail UPS
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Support
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Sample Receipt Checklist

CLIENT NAME: Ecology + Env. RECEIVED BY: PB DATE: 9/1/11

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.9

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	2
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	14 hno3	Plastic Bag / Ziploc	
40 mL Vial - type listed below	23	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	1
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 2 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved 21

Time and Date Frozen:

Do all samples have the proper Acid pH: (Yes) No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

Doc# 277

Rev. 1 May

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11L0105

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11L0105	GW	PW20-100	11L0105-02	12/01/2011		
11L0105	GW	PW20-125	11L0105-03	12/01/2011		
11L0105	GW	PW20-125D	11L0105-04	12/01/2011		
11L0105	GW	PW20-150	11L0105-05	12/01/2011		
11L0105	GW	PW20-175	11L0105-06	12/01/2011		
11L0105	DW	TB-120111	11L0105-01	12/01/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	No - COC states 2 trip blank vials were sent; laboratory states only one trip blank vial was received.
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Field duplicate samples included with this SDG (PW20-125 and PW20-125D).
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)

- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	N/A – No matrix spikes were performed for this SDG.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits for carbon disulfide (134%). No qualifiers added since all results are "not detected" for associated samples in this batch and bias is on the high side.
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? Use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with UJ. CCV for bromochloromethane was above criteria; no qualifiers added since all results are "not detected" for associated samples in this batch and bias is on the high side.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	Yes - Sample PW20-175 contained high amounts of sediment, therefore the laboratory analyzed it at a high dilution and was not able to meet the reporting limits for that sample.
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Elevated reporting limits due to high sediment/dilution; LCS/LCSD recoveries outside of acceptance limits; bias due to RF. All data is usable for the project.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	B042460-BS1	CARBON DISULFIDE	0	10	134	1	70	130	J/none
8260C	B042460-BSD1	CARBON DISULFIDE	0	10	134	1	70	130	J/none

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results

Method	Analyte	Unit	PQL	PW20-125	PW20-125D	RPD	RPD Rating	Qualifier
8260C	BROMODICHLOROMETHANE	ug/l	0.5	1.3	1.2	8.00	Good	None
8260C	DIBROMOCHLOROMETHANE	ug/l	0.5	1.1	0.98	11.5	Good	None
8260C	TOLUENE	ug/l	1	1.2	1.5	22.2	Good	None

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

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Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11L0228

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11L0228	GW	PW20-200	11L0228-02	12/02/2011		
11L0228	GW	PW23-100	11L0228-03	12/05/2011		
11L0228	GW	PW23-150	11L0228-04	12/06/2011		
11L0228	GW	PW23-175	11L0228-05	12/06/2011		
11L0228	GW	PW23-200	11L0228-06	12/06/2011		
11L0228	DW	TB-120211	11L0228-01	12/02/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes - Sample PW23-175 appeared to be releasing gas immediately following sample collection and contained excessive amounts of sediment, therefore the laboratory poured the sample into a new vial. Detected compounds qualified J; nondetects qualified UJ for possible low bias.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – No field duplicate samples included with this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
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Go to Tables List

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Description	**Notes and Qualifiers**
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For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	N/A – No matrix spikes were performed for this SDG.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Laboratory fortified blank/laboratory control sample recovery and/or duplicate recoveries/RPDs outside of control limits for several compounds; detected compounds qualified with J; nondetected compounds not qualified (high bias).
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? Use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with UJ. CCV for 2.2-dichloropropane was below criteria; associated sample results qualified J/UJ.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	No field duplicates were included with this SDG.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Sample poured into new vial due to high sediment/dilution; LCS/LCSD recoveries/RPDs outside of acceptance limits; bias due to RF and CCV. All data is usable for the project.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	LCSD RPD (limit is 25)	Sample Qualifier
8260C	B042744-BS1	1,2,3-TRICHLOROPROPANE	0	10	134	1	70	130		J/none
8260C	B042744-BS1	1,4-DIOXANE (P-DIOXANE)	0	100	136	1	40	130		J/none
8260C	B042744-BS1	2-CHLOROTOLUENE	0	10	132	1	70	130		J/none
8260C	B042744-BS1	BROMOBENZENE	0	10	131	1	70	130		J/none
8260C	B042744-BS1	CARBON DISULFIDE	0	10	131	1	70	130		J/none
8260C	B042744-BS1	ISOPROPYLBENZENE (CUMENE)	0	10	136	1	70	130		J/none
8260C	B042744-BS1	M AND P XYLENES	0	20	137	1	70	130		J/none
8260C	B042744-BS1	N-PROPYLBENZENE	0	10	136	1	70	130		J/none
8260C	B042744-BSD1	ISOPROPYLBENZENE (CUMENE)	0	10	136	1	70	130	4.42	J/none
8260C	B042817-BS1	1,3-DICHLOROPROPANE	0	10	136	1	70	130		J/none

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	LCSD RPD (limit is 25)	Sample Qualifier
8260C	B042817-BS1	1,4-DIOXANE (P-DIOXANE)	0	100	142	1	40	130		J/none
8260C	B042817-BS1	CARBON DISULFIDE	0	10	145	1	70	130		J/none
8260C	B042817-BS1	ISOPROPYLBENZENE (CUMENE)	0	10	136	1	70	130		J/none
8260C	B042817-BSD1	1,2,3-TRICHLOROPROPANE	0	10	103	1	70	130	33.5	J/none
8260C	B042817-BSD1	1,4-DIOXANE (P-DIOXANE)	0	100	142	1	40	130	2.4	J/none
8260C	B042817-BSD1	2-CHLOROTOLUENE	0	10	101	1	70	130	29.8	J/none
8260C	B042817-BSD1	CARBON DISULFIDE	0	10	145	1	70	130	1.84	J/none
8260C	B042817-BSD1	ISOPROPYLBENZENE (CUMENE)	0	10	136	1	70	130	3.6	J/none
8260C	B042817-BSD1	N-PROPYLBENZENE	0	10	100	1	70	130	32.7	J/none
8260C	B042817-BSD1	TRANS-1,4-DICHLORO-2-BUTENE	0	10	98.9	1	70	130	33.1	J/none

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike

MSD = matrix spike duplicate
NC = not calculated
ND = not detected
NYSDEC = New York State Department of Environmental Conservation
PQL = practical quantitation limit
QA = quality assurance
QAPP = quality assurance project plan
QC = quality control
RPD = relative percent difference
SDG = sample delivery group
TIC = tentatively identified compound
VOC = volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11L0394

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11L0394	GW	PW21-100	11L0394-02	12/08/2011	MS/MSD	
11L0394	GW	PW21-125	11L0394-03	12/08/2011		
11L0394	GW	PW21-150	11L0394-04	12/08/2011		
11L0394	GW	PW21-175	11L0394-05	12/08/2011		
11L0394	GW	TB-120811	11L0394-01	12/08/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – No field duplicate samples included with this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No - Recoveries and duplicate recoveries outside of control limits for several compounds; detected compounds qualified with J; nondetected compounds not qualified or qualified UJ for parent sample only.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Laboratory fortified blank/laboratory control sample recovery and/or duplicate recovery outside of control limits for methylene chloride; detected compounds qualified with J; nondetected compounds qualified with UJ (low bias).
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? Use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with UJ.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	No field duplicates were included with this SDG.

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
LCS/LCSD and MS/MSD recoveries outside of acceptance limits; bias due to RF. All data is usable for the project.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	PW21-100MS1	1,4-DIOXANE (P-DIOXANE)	0	100	148	1	70	130	J/none
8260C	PW21-100MS1	BROMOMETHANE	0	10	52.4	1	70	130	J/UJ
8260C	PW21-100MS1	CHLOROMETHANE	0	10	66	1	70	130	J/UJ
8260C	PW21-100MS1	DICHLORODIFLUOROMETHANE	0	10	68.1	1	70	130	J/UJ
8260C	PW21-100MS1	ISOPROPYLBENZENE (CUMENE)	0	10	139	1	70	130	J/none
8260C	PW21-100MS1	METHYLENE CHLORIDE	0	10	59.7	1	70	130	J/UJ
8260C	PW21-100MS1	VINYL CHLORIDE	0	10	69.9	1	70	130	J/UJ
8260C	PW21-100MSD1	1,1,2,2-TETRACHLOROETHANE	0	10	131	1	70	130	J/none
8260C	PW21-100MSD1	1,4-DIOXANE (P-DIOXANE)	0	100	170	1	70	130	J/none
8260C	PW21-100MSD1	BROMOMETHANE	0	10	59.6	1	70	130	J/UJ
8260C	PW21-100MSD1	CHLOROMETHANE	0	10	67.7	1	70	130	J/UJ
8260C	PW21-100MSD1	DICHLORODIFLUOROMETHANE	0	10	68.8	1	70	130	J/UJ
8260C	PW21-100MSD1	ISOPROPYLBENZENE (CUMENE)	0	10	141	1	70	130	J/none
8260C	PW21-100MSD1	METHYLENE CHLORIDE	0	10	59.4	1	70	130	J/UJ
8260C	PW21-100MSD1	VINYL CHLORIDE	0	10	69.4	1	70	130	J/UJ

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	LCSD RPD (limit is 25)	Sample Qualifier
8260C	B043044-BS1	METHYLENE CHLORIDE	0	10	67.5	1	70	130		J/none
8260C	B043044-BSD1	METHYLENE CHLORIDE	0	10	62.9	1	70	130	7.06	J/none

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound

VOC = volatile organic compound

Data Package

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ANALYTICAL LABORATORY

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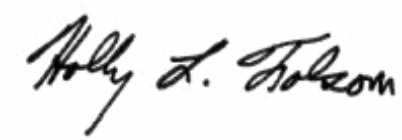
December 14, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.03
Laboratory Work Order Number: 11L0105

Enclosed are results of analyses for samples received by the laboratory on December 2, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 12/14/2011

PURCHASE ORDER NUMBER: 002699.ID25.03

PROJECT NUMBER: 002699.ID25.03

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11L0105

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-120111	11L0105-01	Water		SW-846 8260C	
PW20-100	11L0105-02	Ground Water		SW-846 8260C	
PW20-125	11L0105-03	Ground Water		SW-846 8260C	
PW20-125D	11L0105-04	Ground Water		SW-846 8260C	
PW20-150	11L0105-05	Ground Water		SW-846 8260C	
PW20-175	11L0105-06	Ground Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Elevated method reporting limit due to insufficient sample volume

Analyte & Samples(s) Qualified:

11L0105-06[PW20-175]

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Carbon Disulfide

B042460-BS1, B042460-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP)

11L0105-01[TB-120111], 11L0105-02[PW20-100], 11L0105-03[PW20-125], 11L0105-04[PW20-125D], 11L0105-05[PW20-150], 11L0105-06[PW20-175], B042460-BLK1, B042460-BS1, B042460-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

11L0105-01[TB-120111], 11L0105-02[PW20-100], 11L0105-03[PW20-125], 11L0105-04[PW20-125D], 11L0105-05[PW20-150], 11L0105-06[PW20-175], B042460-BLK1, B042460-BS1, B042460-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromochloromethane

B042460-BS1, B042460-BSD1

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: TB-120111 | Sampled: 12/1/2011 07:40

Sample ID: 11L0105-01

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 12:16	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: TB-120111 | Sampled: 12/1/2011 07:40

Sample ID: 11L0105-01

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		12/12/11 12:16
Toluene-d8	98.6	70-130		12/12/11 12:16
4-Bromofluorobenzene	90.9	70-130		12/12/11 12:16

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-100 | Sampled: 12/1/2011 07:45

Sample ID: 11L0105-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 15:48	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Dichlorodifluoromethane (Freon 12)	5.6	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1-Dichloroethane	7.7	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-100 | Sampled: 12/1/2011 07:45

Sample ID: 11L0105-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Methyl tert-Butyl Ether (MTBE)	4.3	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		12/12/11 15:48
Toluene-d8	101	70-130		12/12/11 15:48
4-Bromofluorobenzene	96.3	70-130		12/12/11 15:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-125 | Sampled: 12/1/2011 10:40

Sample ID: 11L0105-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromodichloromethane	1.3	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 16:18	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chlorodibromomethane	1.1	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-125 | Sampled: 12/1/2011 10:40

Sample ID: 11L0105-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Toluene	1.2	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		12/12/11 16:18
Toluene-d8	106	70-130		12/12/11 16:18
4-Bromofluorobenzene	111	70-130		12/12/11 16:18

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-125D | Sampled: 12/1/2011 10:40

Sample ID: 11L0105-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromodichloromethane	1.2	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 16:48	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chlorodibromomethane	0.98	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-125D | Sampled: 12/1/2011 10:40

Sample ID: 11L0105-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Toluene	1.5	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		12/12/11 16:48
Toluene-d8	99.8	70-130		12/12/11 16:48
4-Bromofluorobenzene	103	70-130		12/12/11 16:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-150 | Sampled: 12/1/2011 12:50

Sample ID: 11L0105-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 17:19	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-150 | Sampled: 12/1/2011 12:50

Sample ID: 11L0105-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Tetrachloroethylene	1.4	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		12/12/11 17:19
Toluene-d8	98.4	70-130		12/12/11 17:19
4-Bromofluorobenzene	98.3	70-130		12/12/11 17:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-175 | Sampled: 12/1/2011 14:50

Sample ID: 11L0105-06

Sample Matrix: Ground Water

Sample Flags: DL-02

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Acrylonitrile	ND	1000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
tert-Amyl Methyl Ether (TAME)	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Benzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromochloromethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromodichloromethane	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromoform	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromomethane	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
2-Butanone (MEK)	ND	4000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
tert-Butyl Alcohol (TBA)	ND	4000	µg/L	200	V-16	SW-846 8260C	12/9/11	12/12/11 17:49	TJR
n-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
sec-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
tert-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Carbon Disulfide	ND	800	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Carbon Tetrachloride	ND	1000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chlorodibromomethane	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chloroethane	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chloroform	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chloromethane	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
2-Chlorotoluene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
4-Chlorotoluene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	µg/L	200	V-05	SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dibromoethane (EDB)	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Dibromomethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,3-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,4-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
trans-1,4-Dichloro-2-butene	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Dichlorodifluoromethane (Freon 12)	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1-Dichloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dichloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
cis-1,2-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
trans-1,2-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dichloropropane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,3-Dichloropropane	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
2,2-Dichloropropane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1-Dichloropropene	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
cis-1,3-Dichloropropene	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
trans-1,3-Dichloropropene	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-175 | Sampled: 12/1/2011 14:50

Sample ID: 11L0105-06

Sample Matrix: Ground Water

Sample Flags: DL-02

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Diisopropyl Ether (DIPE)	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,4-Dioxane	ND	10000	µg/L	200	V-16	SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Ethylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Hexachlorobutadiene	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
2-Hexanone (MBK)	ND	2000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Isopropylbenzene (Cumene)	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
p-Isopropyltoluene (p-Cymene)	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Methyl tert-Butyl Ether (MTBE)	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Methylene Chloride	ND	1000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
4-Methyl-2-pentanone (MIBK)	ND	2000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Naphthalene	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
n-Propylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Styrene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,1,2-Tetrachloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,2,2-Tetrachloroethane	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Tetrachloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Tetrahydrofuran	ND	2000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Toluene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2,3-Trichlorobenzene	ND	1000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2,4-Trichlorobenzene	ND	200	µg/L	200	V-05	SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,3,5-Trichlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,1-Trichloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,2-Trichloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Trichloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Trichlorofluoromethane (Freon 11)	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2,3-Trichloropropane	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2,4-Trimethylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,3,5-Trimethylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Vinyl Chloride	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
m+p Xylene	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
o-Xylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	112	70-130		12/12/11 17:49
Toluene-d8	98.2	70-130		12/12/11 17:49
4-Bromofluorobenzene	85.9	70-130		12/12/11 17:49

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11L0105-01 [TB-120111]	B042460	5	5.00	12/09/11
11L0105-02 [PW20-100]	B042460	5	5.00	12/09/11
11L0105-03 [PW20-125]	B042460	5	5.00	12/09/11
11L0105-04 [PW20-125D]	B042460	5	5.00	12/09/11
11L0105-05 [PW20-150]	B042460	5	5.00	12/09/11
11L0105-06 [PW20-175]	B042460	0.025	5.00	12/09/11
11L0105-06 [PW20-175]	B042460	5	5.00	12/09/11

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B042460 - SW-846 5030B										
Blank (B042460-BLK1)				Prepared: 12/09/11 Analyzed: 12/12/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042460 - SW-846 5030B												
Blank (B042460-BLK1)				Prepared: 12/09/11 Analyzed: 12/12/11								
Methylene Chloride	ND	5.0	µg/L									
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2.0	µg/L									
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L									
1,2,4-Trichlorobenzene	ND	1.0	µg/L								V-05	
1,3,5-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		101		70-130				
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102		70-130				
Surrogate: 4-Bromofluorobenzene	*26.9*		µg/L	25.0		108		70-130				
LCS (B042460-BS1)				Prepared: 12/09/11 Analyzed: 12/12/11								
Acetone	135	50	µg/L	100		135		70-160				†
Acrylonitrile	9.98	5.0	µg/L	10.0		99.8		70-130				
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105		70-130				
Benzene	10.5	1.0	µg/L	10.0		105		70-130				
Bromobenzene	11.2	1.0	µg/L	10.0		112		70-130				
Bromochloromethane	12.1	1.0	µg/L	10.0		121		70-130			V-20	
Bromodichloromethane	9.55	0.50	µg/L	10.0		95.5		70-130				
Bromoform	13.0	1.0	µg/L	10.0		130		70-130				
Bromomethane	6.40	2.0	µg/L	10.0		64.0		40-160				†
2-Butanone (MEK)	131	20	µg/L	100		131		40-160				†
tert-Butyl Alcohol (TBA)	114	20	µg/L	100		114		40-160			V-16	†
n-Butylbenzene	9.88	1.0	µg/L	10.0		98.8		70-130				
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111		70-130				
tert-Butylbenzene	9.92	1.0	µg/L	10.0		99.2		70-130				
tert-Butyl Ethyl Ether (TBEE)	10.5	0.50	µg/L	10.0		105		70-130				
Carbon Disulfide	13.4	4.0	µg/L	10.0		**134**	*	70-130			L-02	
Carbon Tetrachloride	10.9	5.0	µg/L	10.0		109		70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107		70-130				
Chlorodibromomethane	10.1	0.50	µg/L	10.0		101		70-130				
Chloroethane	9.21	2.0	µg/L	10.0		92.1		70-130				
Chloroform	11.4	2.0	µg/L	10.0		114		70-130				
Chloromethane	10.5	2.0	µg/L	10.0		105		40-160				†
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B042460 - SW-846 5030B											
LCS (B042460-BS1)				Prepared: 12/09/11 Analyzed: 12/12/11							
4-Chlorotoluene	12.7	1.0	µg/L	10.0		127	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.94	5.0	µg/L	10.0		89.4	70-130			V-05	
1,2-Dibromoethane (EDB)	9.53	0.50	µg/L	10.0		95.3	70-130				
Dibromomethane	10.8	1.0	µg/L	10.0		108	70-130				
1,2-Dichlorobenzene	9.88	1.0	µg/L	10.0		98.8	70-130				
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130				
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130				
trans-1,4-Dichloro-2-butene	13.0	2.0	µg/L	10.0		130	70-130				
Dichlorodifluoromethane (Freon 12)	9.83	2.0	µg/L	10.0		98.3	40-160				†
1,1-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130				
1,2-Dichloroethane	11.1	1.0	µg/L	10.0		111	70-130				
1,1-Dichloroethylene	8.61	1.0	µg/L	10.0		86.1	70-130				
cis-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130				
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130				
1,3-Dichloropropane	9.77	0.50	µg/L	10.0		97.7	70-130				
2,2-Dichloropropane	11.7	1.0	µg/L	10.0		117	40-130				†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109	70-130				
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.0		113	70-130				
trans-1,3-Dichloropropene	11.0	0.50	µg/L	10.0		110	70-130				
Diethyl Ether	10.8	2.0	µg/L	10.0		108	70-130				
Diisopropyl Ether (DIPE)	10.9	0.50	µg/L	10.0		109	70-130				
1,4-Dioxane	121	50	µg/L	100		121	40-130			V-16	†
Ethylbenzene	11.0	1.0	µg/L	10.0		110	70-130				
Hexachlorobutadiene	9.69	0.50	µg/L	10.0		96.9	70-130				
2-Hexanone (MBK)	107	10	µg/L	100		107	70-160				†
Isopropylbenzene (Cumene)	12.5	1.0	µg/L	10.0		125	70-130				
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.0		107	70-130				
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	µg/L	10.0		100	70-130				
Methylene Chloride	8.54	5.0	µg/L	10.0		85.4	70-130				
4-Methyl-2-pentanone (MIBK)	107	10	µg/L	100		107	70-160				†
Naphthalene	9.85	2.0	µg/L	10.0		98.5	40-130				†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130				
Styrene	11.9	1.0	µg/L	10.0		119	70-130				
1,1,1,2-Tetrachloroethane	10.9	1.0	µg/L	10.0		109	70-130				
1,1,2,2-Tetrachloroethane	12.5	0.50	µg/L	10.0		125	70-130				
Tetrachloroethylene	9.16	1.0	µg/L	10.0		91.6	70-130				
Tetrahydrofuran	11.9	10	µg/L	10.0		119	70-130				
Toluene	9.43	1.0	µg/L	10.0		94.3	70-130				
1,2,3-Trichlorobenzene	9.37	5.0	µg/L	10.0		93.7	70-130				
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130			V-05	
1,3,5-Trichlorobenzene	7.70	1.0	µg/L	10.0		77.0	70-130				
1,1,1-Trichloroethane	11.3	1.0	µg/L	10.0		113	70-130				
1,1,2-Trichloroethane	8.50	1.0	µg/L	10.0		85.0	70-130				
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	70-130				
1,2,3-Trichloropropane	12.8	2.0	µg/L	10.0		128	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.47	1.0	µg/L	10.0		84.7	70-130				
1,2,4-Trimethylbenzene	9.50	1.0	µg/L	10.0		95.0	70-130				
1,3,5-Trimethylbenzene	12.2	1.0	µg/L	10.0		122	70-130				
Vinyl Chloride	8.75	2.0	µg/L	10.0		87.5	40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042460 - SW-846 5030B												
LCS (B042460-BS1)				Prepared: 12/09/11 Analyzed: 12/12/11								
m+p Xylene	22.0	2.0	µg/L	20.0		110		70-130				
o-Xylene	11.8	1.0	µg/L	10.0		118		70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*22.7*		µg/L	25.0		90.7		70-130				
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/L	25.0		119		70-130				
LCS Dup (B042460-BSD1)				Prepared: 12/09/11 Analyzed: 12/12/11								
Acetone	115	50	µg/L	100		115		70-160	16.2	25		†
Acrylonitrile	8.94	5.0	µg/L	10.0		89.4		70-130	11.0	25		
tert-Amyl Methyl Ether (TAME)	10.4	0.50	µg/L	10.0		104		70-130	0.953	25		
Benzene	11.4	1.0	µg/L	10.0		114		70-130	7.50	25		
Bromobenzene	10.6	1.0	µg/L	10.0		106		70-130	5.86	25		
Bromochloromethane	12.8	1.0	µg/L	10.0		128		70-130	5.70	25	V-20	
Bromodichloromethane	9.20	0.50	µg/L	10.0		92.0		70-130	3.73	25		
Bromoform	10.7	1.0	µg/L	10.0		107		70-130	19.3	25		
Bromomethane	7.16	2.0	µg/L	10.0		71.6		40-160	11.2	25		†
2-Butanone (MEK)	118	20	µg/L	100		118		40-160	10.4	25		†
tert-Butyl Alcohol (TBA)	90.3	20	µg/L	100		90.3		40-160	23.3	25	V-16	†
n-Butylbenzene	9.17	1.0	µg/L	10.0		91.7		70-130	7.45	25		
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104		70-130	6.14	25		
tert-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130	8.03	25		
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0		106		70-130	1.23	25		
Carbon Disulfide	13.2	4.0	µg/L	10.0		**132**	*	70-130	1.51	25	L-02	
Carbon Tetrachloride	10.8	5.0	µg/L	10.0		108		70-130	0.184	25		
Chlorobenzene	10.5	1.0	µg/L	10.0		105		70-130	1.97	25		
Chlorodibromomethane	11.5	0.50	µg/L	10.0		115		70-130	13.4	25		
Chloroethane	9.21	2.0	µg/L	10.0		92.1		70-130	0.00	25		
Chloroform	11.7	2.0	µg/L	10.0		117		70-130	2.25	25		
Chloromethane	10.6	2.0	µg/L	10.0		106		40-160	1.52	25		†
2-Chlorotoluene	11.2	1.0	µg/L	10.0		112		70-130	8.67	25		
4-Chlorotoluene	11.0	1.0	µg/L	10.0		110		70-130	15.0	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.24	5.0	µg/L	10.0		82.4		70-130	8.15	25	V-05	
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103		70-130	7.57	25		
Dibromomethane	10.5	1.0	µg/L	10.0		105		70-130	3.00	25		
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	7.22	25		
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	5.88	25		
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	4.72	25		
trans-1,4-Dichloro-2-butene	10.7	2.0	µg/L	10.0		107		70-130	19.1	25		
Dichlorodifluoromethane (Freon 12)	8.90	2.0	µg/L	10.0		89.0		40-160	9.93	25		†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130	3.00	25		
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110		70-130	0.271	25		
1,1-Dichloroethylene	8.26	1.0	µg/L	10.0		82.6		70-130	4.15	25		
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.0		114		70-130	4.38	25		
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101		70-130	0.197	25		
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110		70-130	0.549	25		
1,3-Dichloropropane	11.1	0.50	µg/L	10.0		111		70-130	12.7	25		
2,2-Dichloropropane	11.8	1.0	µg/L	10.0		118		40-130	1.62	25		†
1,1-Dichloropropene	11.8	2.0	µg/L	10.0		118		70-130	7.90	25		
cis-1,3-Dichloropropene	12.0	0.50	µg/L	10.0		120		70-130	6.36	25		
trans-1,3-Dichloropropene	12.8	0.50	µg/L	10.0		128		70-130	14.4	25		
Diethyl Ether	9.81	2.0	µg/L	10.0		98.1		70-130	10.1	25		
Diisopropyl Ether (DIPE)	11.2	0.50	µg/L	10.0		112		70-130	3.26	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B042460 - SW-846 5030B											
LCS Dup (B042460-BSD1)				Prepared: 12/09/11 Analyzed: 12/12/11							
1,4-Dioxane	106	50	µg/L	100		106	40-130	13.8	50	V-16	† ‡
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	2.57	25		
Hexachlorobutadiene	9.95	0.50	µg/L	10.0		99.5	70-130	2.65	25		
2-Hexanone (MBK)	111	10	µg/L	100		111	70-160	3.85	25		†
Isopropylbenzene (Cumene)	12.7	1.0	µg/L	10.0		127	70-130	1.58	25		
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.0		113	70-130	5.45	25		
Methyl tert-Butyl Ether (MTBE)	8.96	1.0	µg/L	10.0		89.6	70-130	11.1	25		
Methylene Chloride	8.00	5.0	µg/L	10.0		80.0	70-130	6.53	25		
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100		104	70-160	2.40	25		†
Naphthalene	9.52	2.0	µg/L	10.0		95.2	40-130	3.41	25		†
n-Propylbenzene	11.1	1.0	µg/L	10.0		111	70-130	5.46	25		
Styrene	11.3	1.0	µg/L	10.0		113	70-130	4.92	25		
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130	6.71	25		
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103	70-130	19.1	25		
Tetrachloroethylene	10.1	1.0	µg/L	10.0		101	70-130	9.56	25		
Tetrahydrofuran	11.1	10	µg/L	10.0		111	70-130	7.65	25		
Toluene	10.7	1.0	µg/L	10.0		107	70-130	12.7	25		
1,2,3-Trichlorobenzene	9.28	5.0	µg/L	10.0		92.8	70-130	0.965	25		
1,2,4-Trichlorobenzene	8.87	1.0	µg/L	10.0		88.7	70-130	15.4	25	V-05	
1,3,5-Trichlorobenzene	8.45	1.0	µg/L	10.0		84.5	70-130	9.29	25		
1,1,1-Trichloroethane	11.9	1.0	µg/L	10.0		119	70-130	5.27	25		
1,1,2-Trichloroethane	9.97	1.0	µg/L	10.0		99.7	70-130	15.9	25		
Trichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	1.42	25		
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130	4.90	25		
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.0		104	70-130	20.7	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.18	1.0	µg/L	10.0		81.8	70-130	3.48	25		
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.0		110	70-130	14.8	25		
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	14.0	25		
Vinyl Chloride	8.10	2.0	µg/L	10.0		81.0	40-160	7.72	25		†
m+p Xylene	21.4	2.0	µg/L	20.0		107	70-130	2.71	25		
o-Xylene	11.1	1.0	µg/L	10.0		111	70-130	6.81	25		
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/L	25.0		106	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*25.5*		µg/L	25.0		102	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
DL-02	Elevated method reporting limit due to insufficient sample volume
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

11L0105

Company Name: Ecology + Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: Bryan Kroon / Rick Watt
Project Location: Farmingdale, NY
Sampled By: Brian Cervi

Telephone: (716) 684-8060
Project # 002699.ID25.03
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/~~Time~~	Collection Ending ~~Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers (VOCs 8260B)	ANALYSIS REQUESTED
01	TB-120111	12/1/11	0740		X	DW	C	2	
02	PW20-100		0745		X	GW	L	3	
03	PW20-125		1040		X	GW	M	3	
04	PW20-125D		1040		X	GW	M	3	
05	PW20-150		1250		X	GW	M	3	
06	PW20-175		1450		X	GW	M	4	

H
V
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
The samples from PW20-175 have high sediment content.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	12/1/11 1730
Received by: (signature)	Date/Time:
Paula Blakeborough	12-2-11
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day See SOW
☒ Other
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
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Sample Receipt Checklist

CLIENT NAME: Ecology + Enviro RECEIVED BY: PB DATE: 12-2-11

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.6

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	17	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: Fed Ex# 1825 3561 28

40 mL vials: # HCl 17 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-120111

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11L0105-01	File ID:	VC346011.D
Sampled:	12/01/11 07:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 12:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

TB-120111

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11L0105-01	File ID:	VC346011.D
Sampled:	12/01/11 07:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 12:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120111

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11L0105-01	File ID:	VC346011.D
Sampled:	12/01/11 07:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 12:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120111

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11L0105-01	File ID:	VC346011.D
Sampled:	12/01/11 07:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 12:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346011.D Vial: 11
Acq On : 12 Dec 2011 12:16 pm Operator:
Sample : 11L0105-01 @ TB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.406	168	253358	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	366911	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.011	82	199754	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	176437	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	122400	25.74	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.96%			
49) TOLUENE SS	5.606	98	363487	24.66	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.64%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	133915	22.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.92%			
Target Compounds						Qvalue
14) ACETONE	1.601	43	4456	3.27	UG/L	91
23) METHYLENE CHLORIDE	1.844	49	14444	1.47	UG/L	95
66) TETRACHLOROETHENE	6.197	166	2417	0.45	UG/L #	77

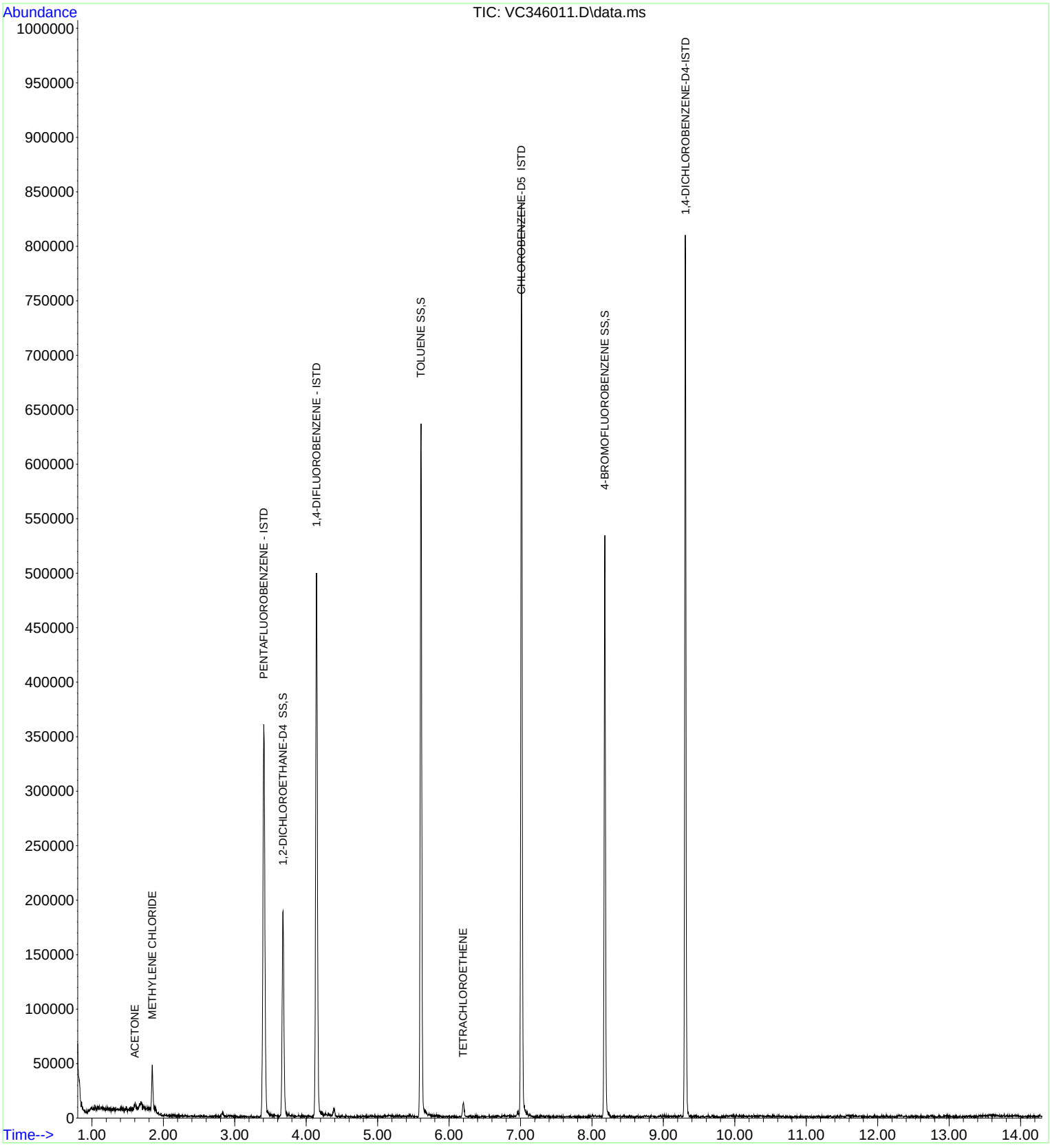
(#) = qualifier out of range (m) = manual integration (+) = signals summed

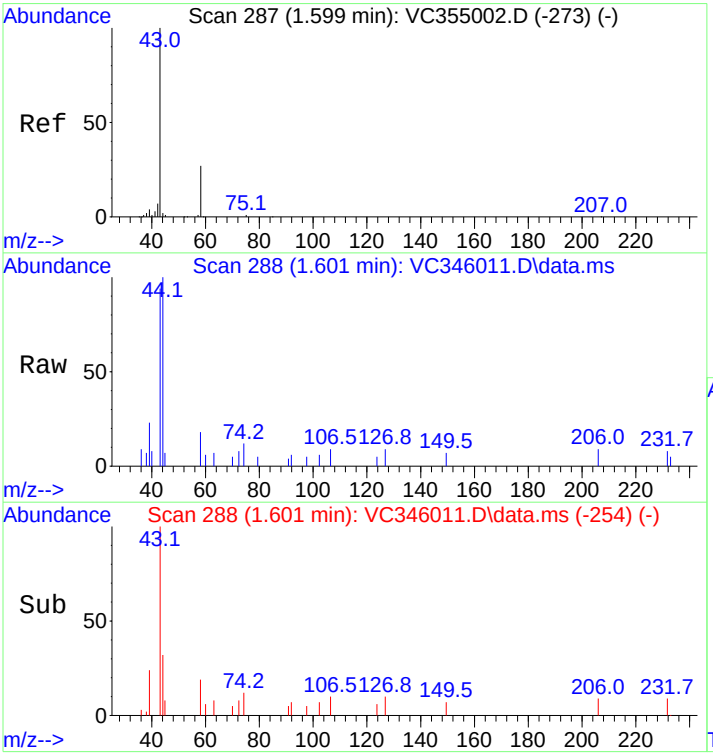
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346011.D
Acq On : 12 Dec 2011 12:16 pm
Sample : 11L0105-01 @ TB
Misc :
Quant Time: Dec 13 11:29:22 2011

Vial: 11
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

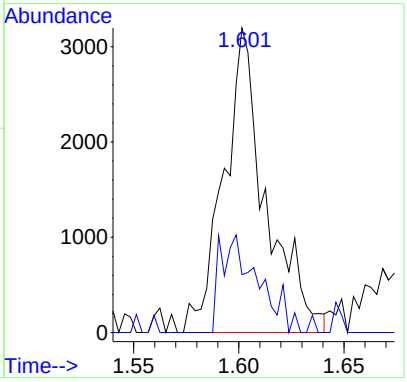


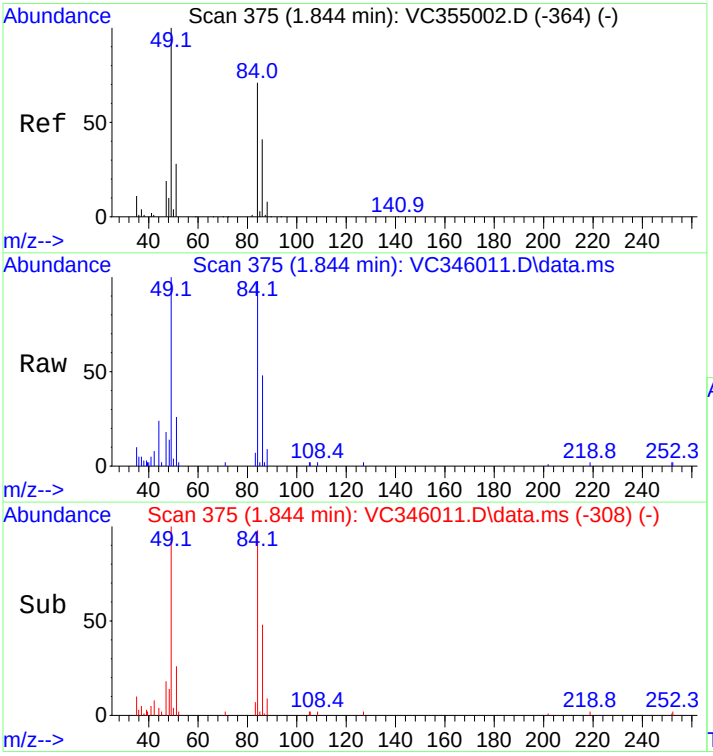


#14
ACETONE
Concen: 3.27 UG/L
RT: 1.601 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC346011.D
Acq: 12 Dec 2011 12:16 pm

Tgt Ion: 43 Resp: 4456

Ion	Ratio	Lower	Upper
43	100		
58	26.0	24.8	37.2

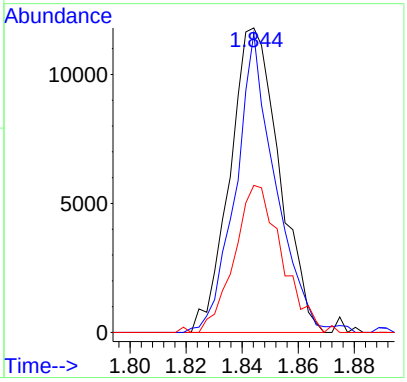


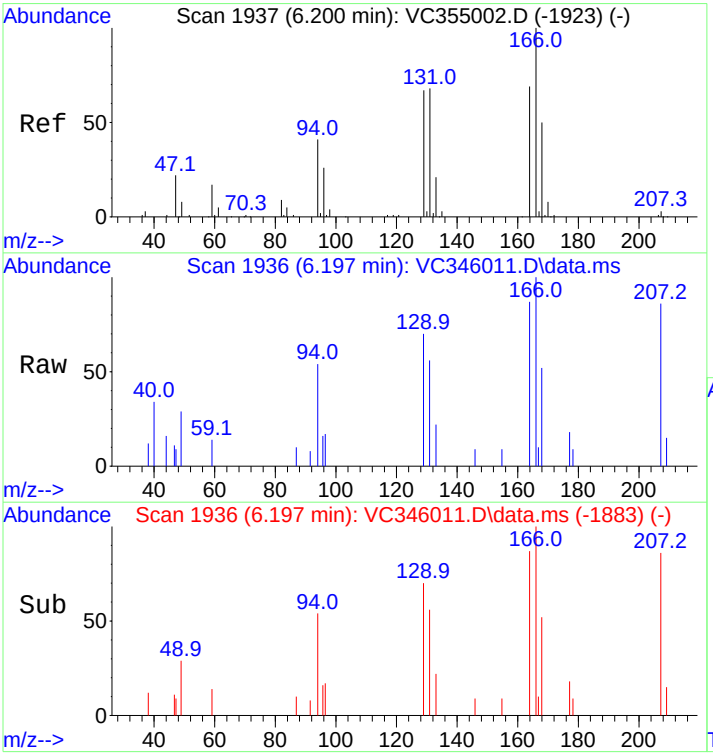


#23
METHYLENE CHLORIDE
Concen: 1.47 UG/L
RT: 1.844 min Scan# 375
Delta R.T. -0.002 min
Lab File: VC346011.D
Acq: 12 Dec 2011 12:16 pm

Tgt Ion: 49 Resp: 14444

Ion	Ratio	Lower	Upper
49	100		
84	79.5	57.8	86.8
86	46.8	37.5	56.3

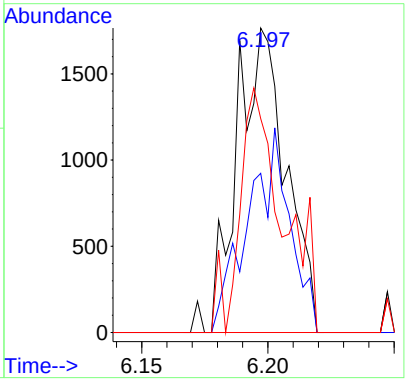




#66
TETRACHLOROETHENE
Concen: 0.45 UG/L
RT: 6.197 min Scan# 1936
Delta R.T. 0.003 min
Lab File: VC346011.D
Acq: 12 Dec 2011 12:16 pm

Tgt Ion:166 Resp: 2417

Ion	Ratio	Lower	Upper
166	100		
168	30.7	39.6	59.4#
129	53.8	55.6	83.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW20-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-02	File ID:	VC346018.D
Sampled:	12/01/11 07:45	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-02	File ID:	VC346018.D
Sampled:	12/01/11 07:45	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	5.6	0.040	2.0	
75-34-3	1,1-Dichloroethane	7.7	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-02	File ID:	VC346018.D
Sampled:	12/01/11 07:45	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	4.3	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-02	File ID:	VC346018.D
Sampled:	12/01/11 07:45	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346018.D Vial: 18
Acq On : 12 Dec 2011 3:48 pm Operator:
Sample : 11L0105-02 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:32:44 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	298739	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	422830	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	211802	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	202753	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	155411	27.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.84%			
49) TOLUENE SS	5.606	98	429950	25.31	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.24%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	150416	24.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.32%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	38199	5.62	UG/L	98
14) ACETONE	1.602	43	9783	6.08	UG/L	97
17) IODOMETHANE	1.669	142	997	11.02	UG/L #	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	76542	4.30	UG/L	94
27) 1,1-DICHLOROETHANE	2.324	63	85360	7.68	UG/L	97
31) 2-BUTANONE	2.879	43	2491m	1.20	UG/L	
35) ETHYL ACETATE	2.865	43	713	Below Cal	#	68
65) 2-HEXANONE	6.379	43	1727m	0.61	UG/L	

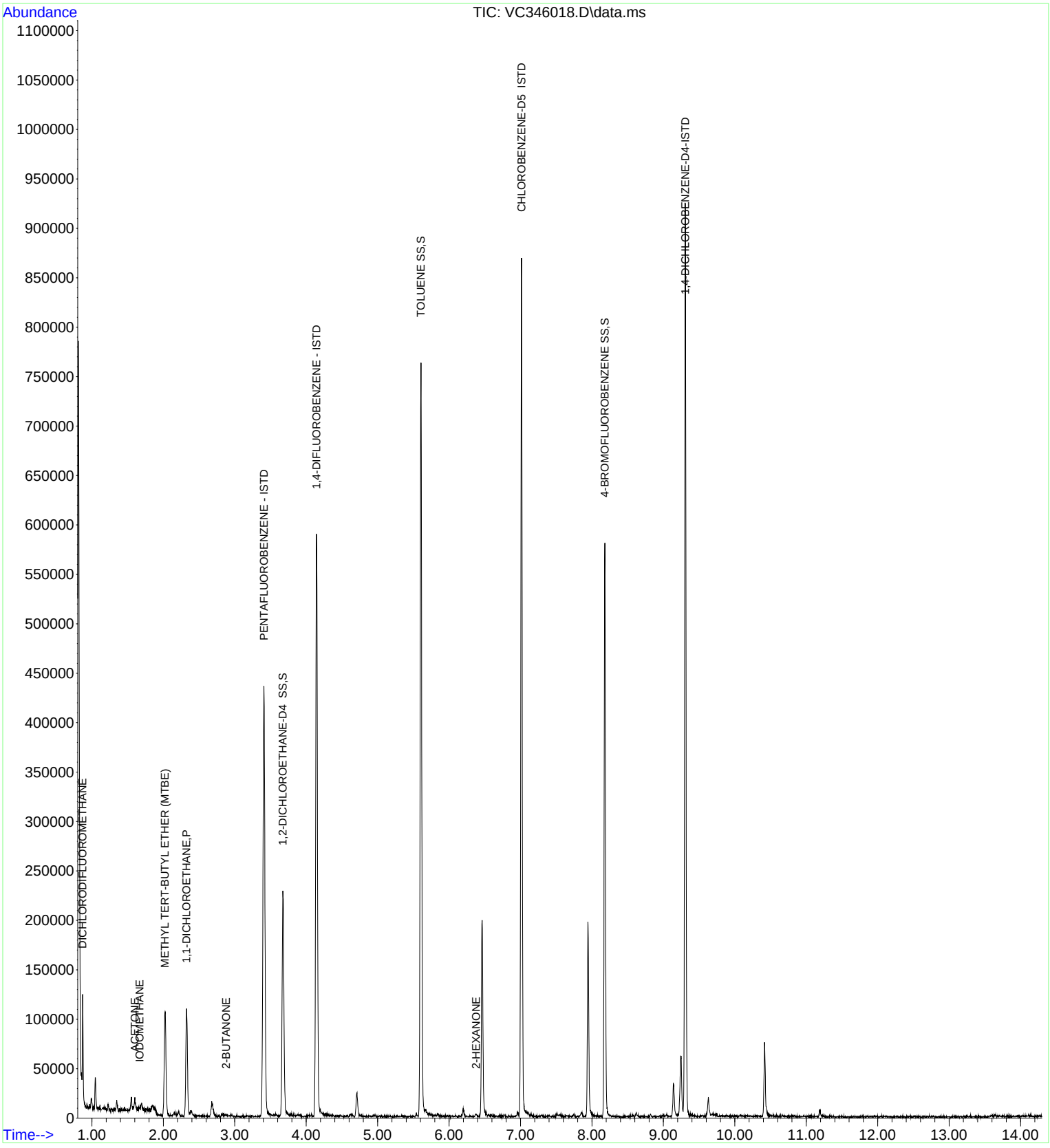
(#) = qualifier out of range (m) = manual integration (+) = signals summed

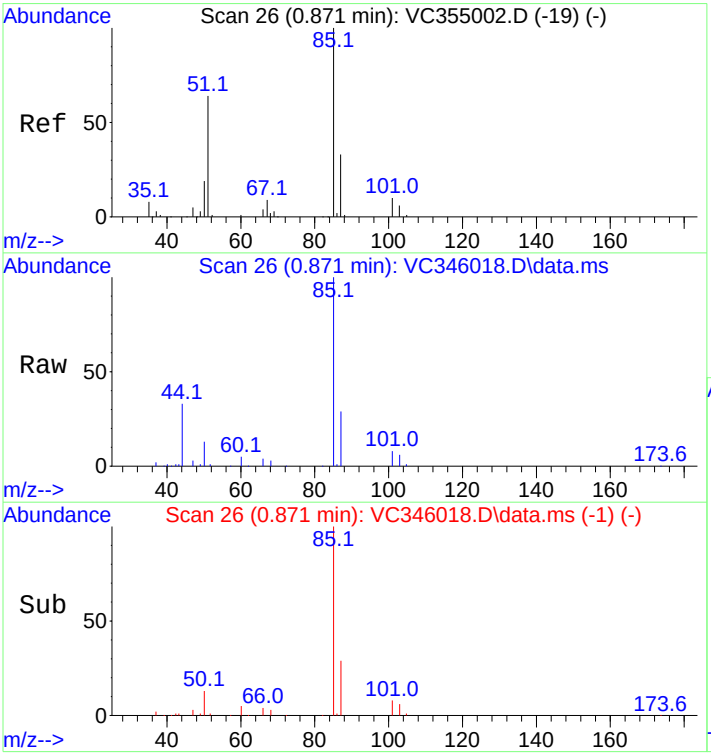
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346018.D
Acq On : 12 Dec 2011 3:48 pm
Sample : 11L0105-02
Misc :
Quant Time: Dec 13 11:32:44 2011

Vial: 18
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

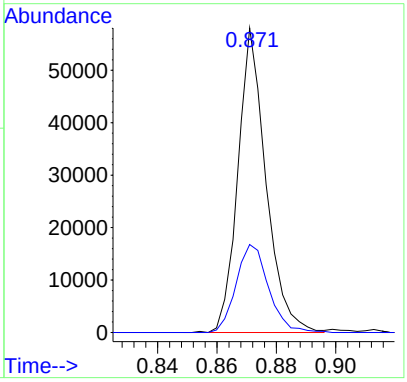


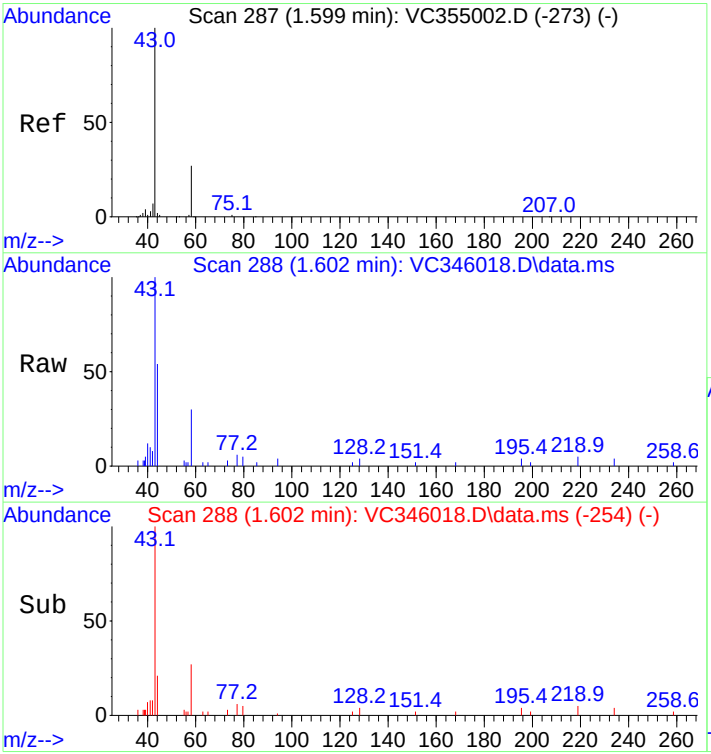


#3
DICHLORODIFLUOROMETHANE
Concen: 5.62 UG/L
RT: 0.871 min Scan# 26
Delta R.T. 0.001 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 85 Resp: 38199

Ion	Ratio	Lower	Upper
85	100		
87	33.4	26.0	39.0

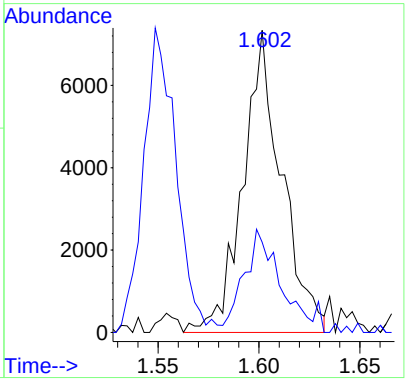


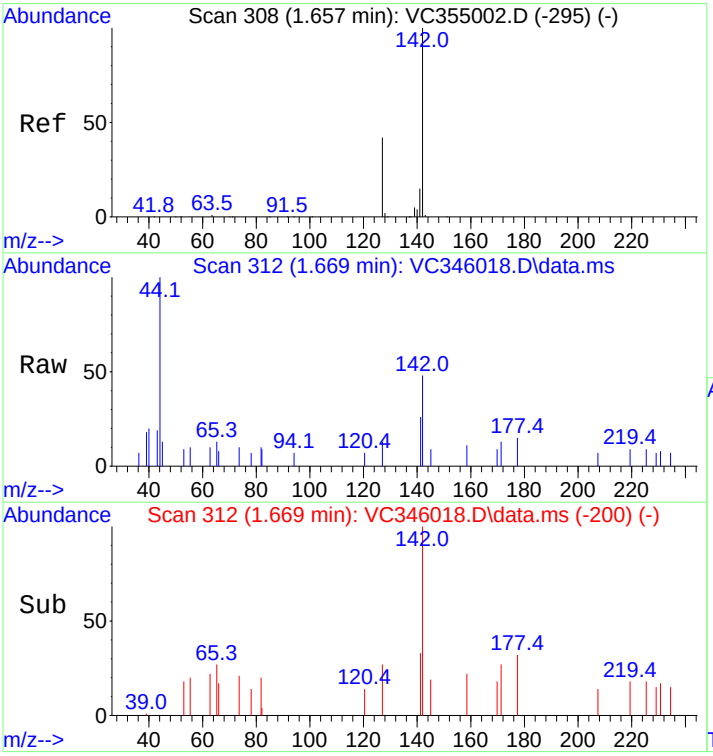


#14
ACETONE
Concen: 6.08 UG/L
RT: 1.602 min Scan# 288
Delta R.T. 0.001 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 43 Resp: 9783

Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.8	37.2

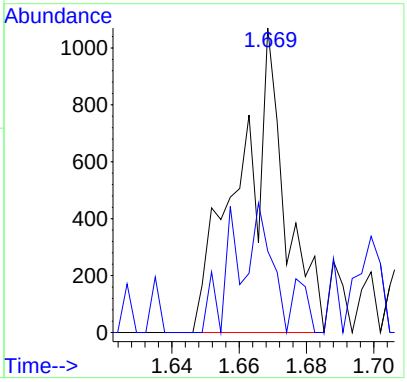


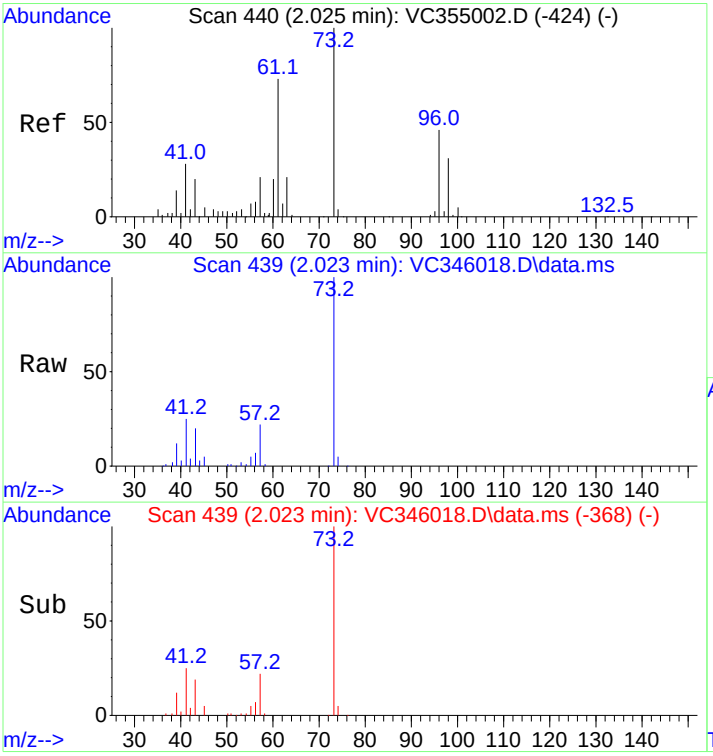


#17
IODOMETHANE
Concen: 11.02 UG/L
RT: 1.669 min Scan# 312
Delta R.T. 0.012 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion:142 Resp: 997

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

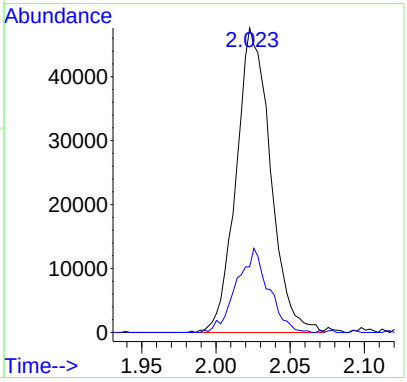


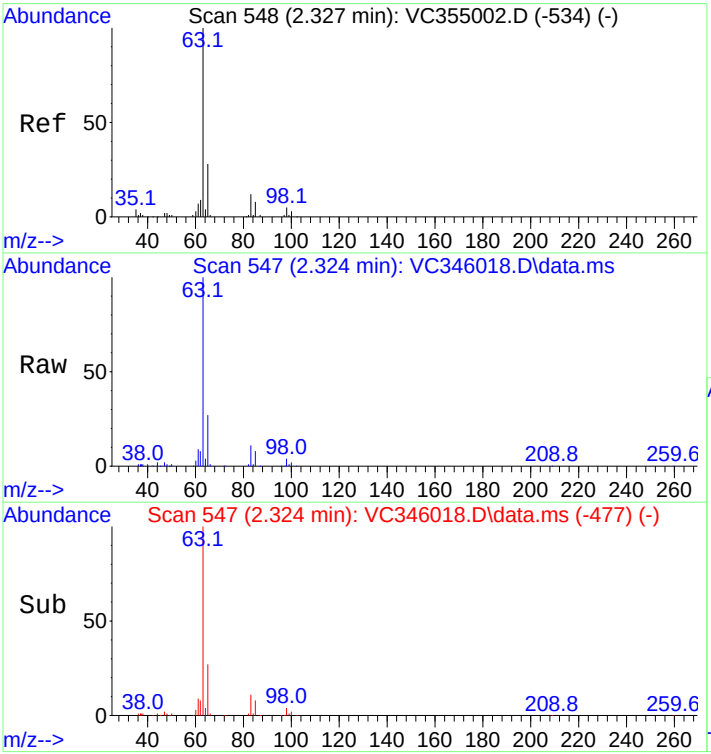


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 4.30 UG/L
RT: 2.023 min Scan# 439
Delta R.T. -0.002 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 73 Resp: 76542

Ion	Ratio	Lower	Upper
73	100		
57	25.8	18.2	27.4

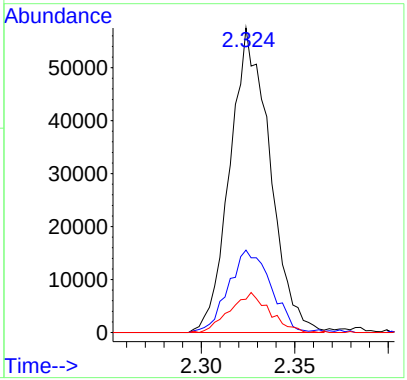


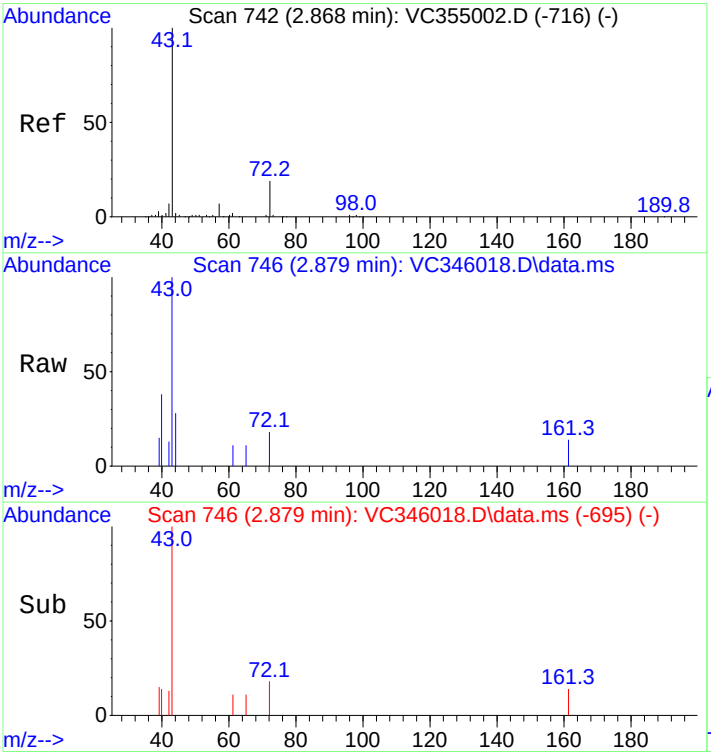


#27
1,1-DICHLOROETHANE
Concen: 7.68 UG/L
RT: 2.324 min Scan# 547
Delta R.T. 0.001 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 63 Resp: 85360

Ion	Ratio	Lower	Upper
63	100		
65	28.7	24.9	37.3
83	13.0	10.1	15.1

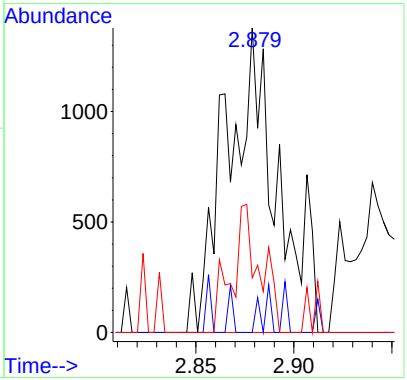


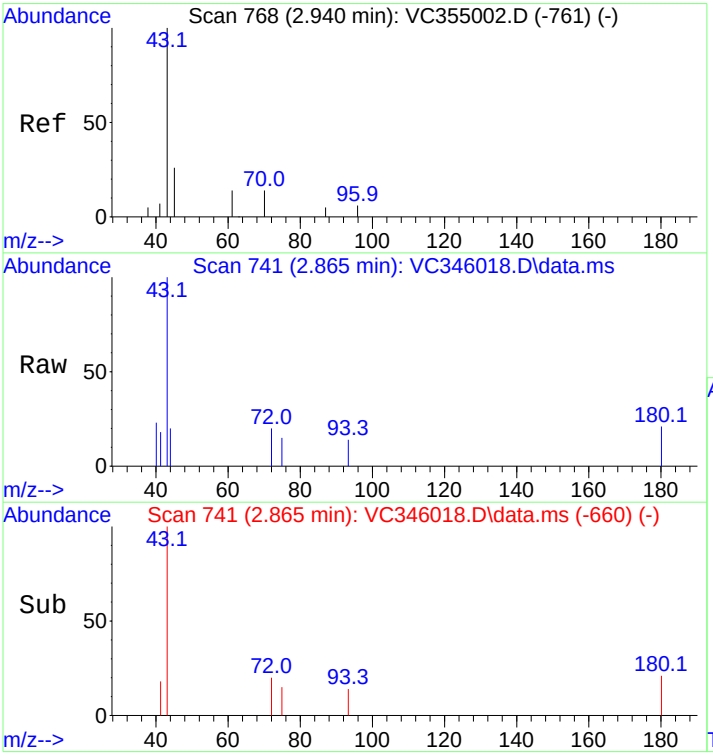


#31
2-BUTANONE
Concen: 1.20 UG/L m
RT: 2.879 min Scan# 746
Delta R.T. 0.008 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 43 Resp: 2491

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	23.0	18.5	27.7

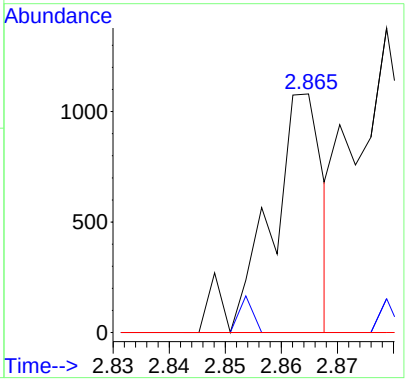


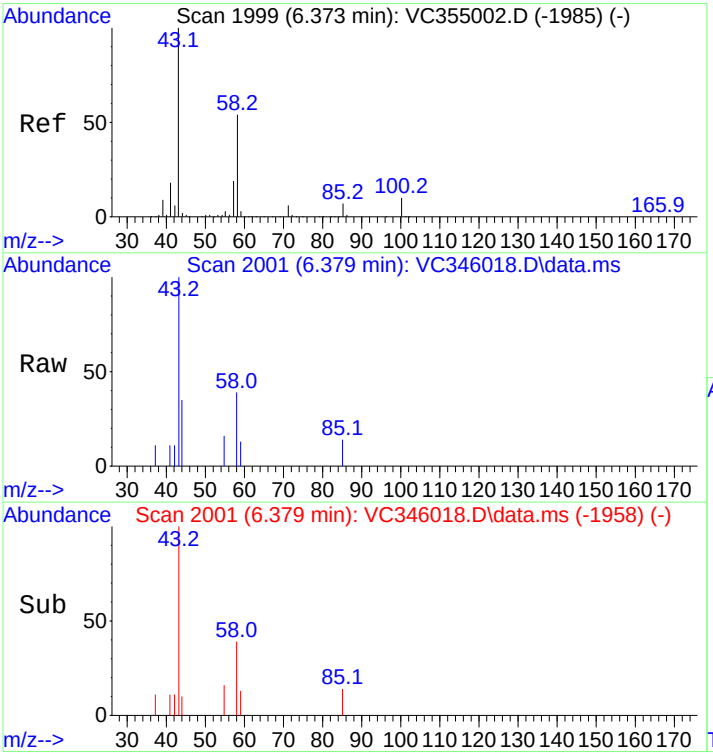


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.865 min Scan# 741
Delta R.T. -0.075 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 43 Resp: 713

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

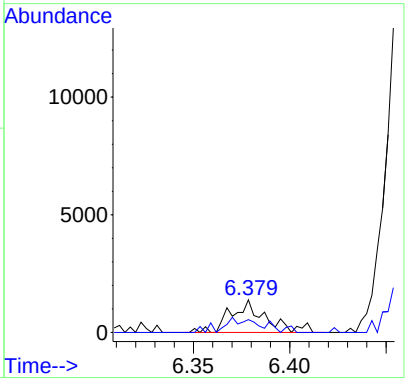




#65
2-HEXANONE
Concen: 0.61 UG/L m
RT: 6.379 min Scan# 2001
Delta R.T. 0.009 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 43 Resp: 1727

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.0	70.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW20-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-03	File ID:	VC346019.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane	1.3	0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane	1.1	0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-03	File ID:	VC346019.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-03	File ID:	VC346019.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	1.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-03	File ID:	VC346019.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346019.D Vial: 19
Acq On : 12 Dec 2011 4:18 pm Operator:
Sample : 11L0105-03 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:33:40 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	291486	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	365147	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	180995	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	170209	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	143374	26.20	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.80%				
49) TOLUENE SS	5.609	98	390057	26.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.36%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	148286	27.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.08%				
Target Compounds							Qvalue
11) ETHANOL	1.392	45	1756	32.84	UG/L	#	86
13) ACROLEIN	1.518	56	1292	16.64	UG/L		97
14) ACETONE	1.599	43	9855	6.28	UG/L		100
31) 2-BUTANONE	2.873	43	2560	1.26	UG/L	#	59
35) ETHYL ACETATE	2.951	43	761	Below Cal		#	68
40) CHLOROFORM	3.174	83	13130	1.32	UG/L		100
57) BROMODICHLOROMETHANE	4.901	83	7402	1.30	UG/L	#	92
61) TOLUENE	5.667	91	25030	1.20	UG/L		98
68) DIBROMOCHLOROMETHANE	6.459	129	4845	1.07	UG/L		96

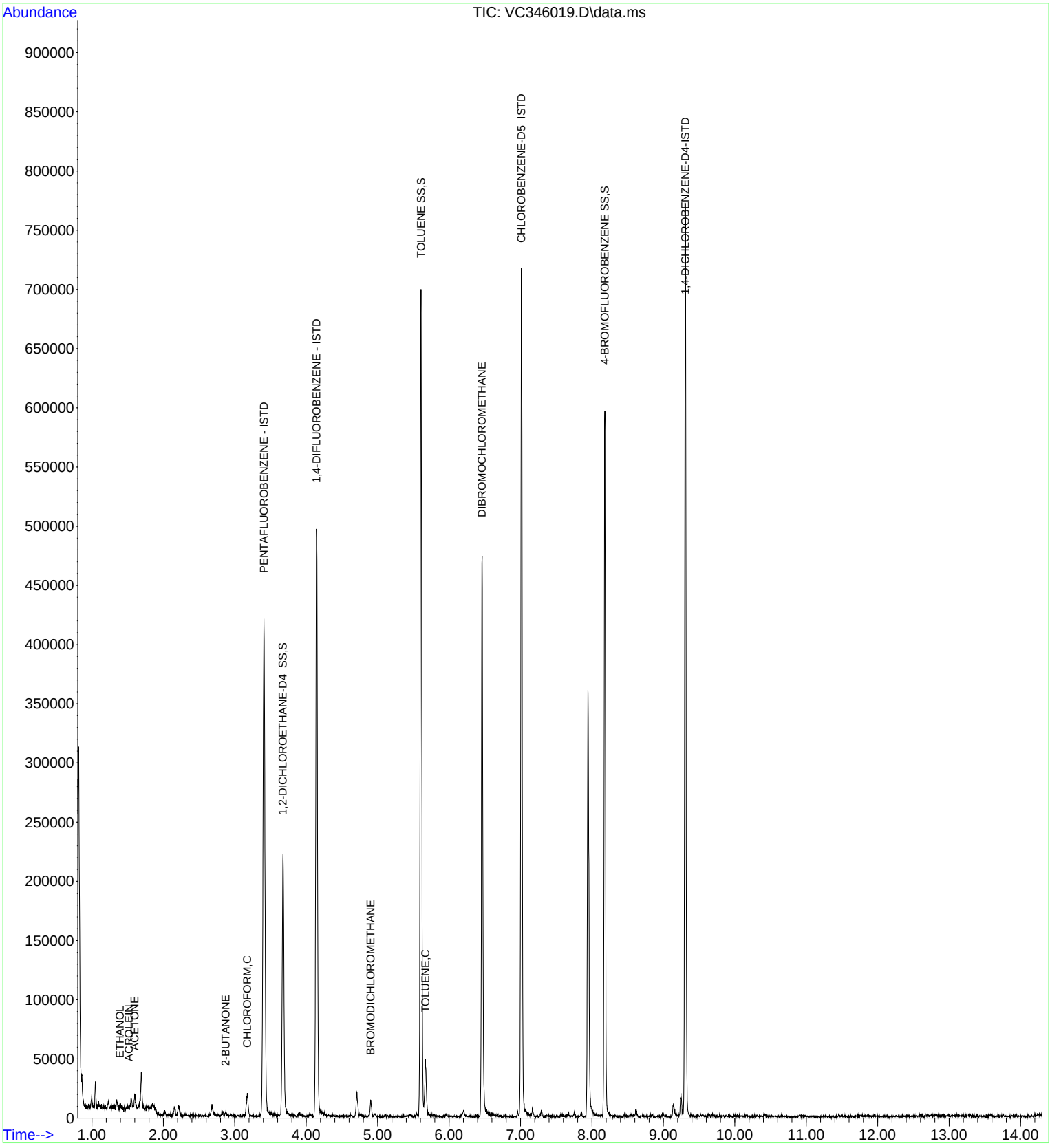
(#) = qualifier out of range (m) = manual integration (+) = signals summed

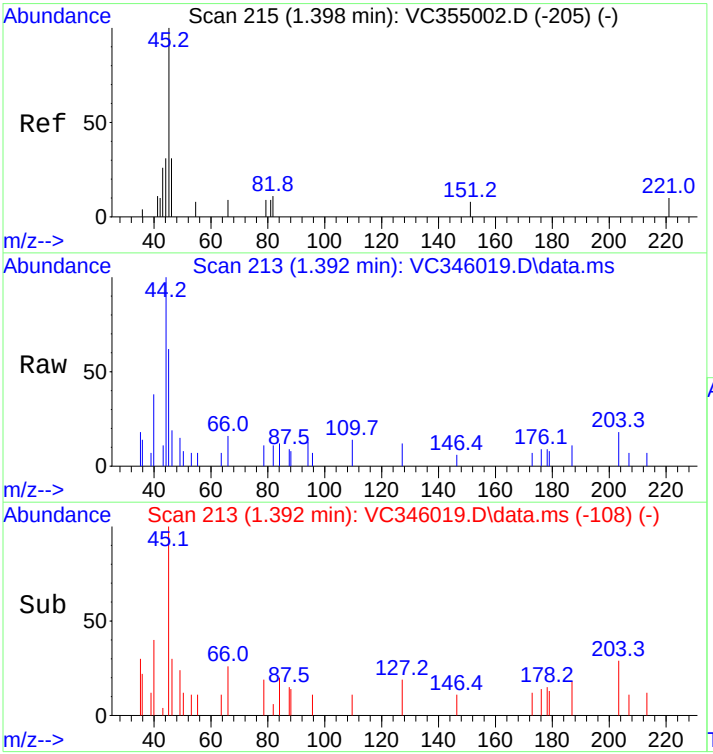
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346019.D
Acq On : 12 Dec 2011 4:18 pm
Sample : 11L0105-03
Misc :
Quant Time: Dec 13 11:33:40 2011

Vial: 19
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

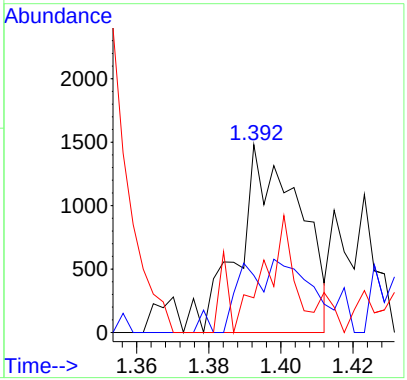


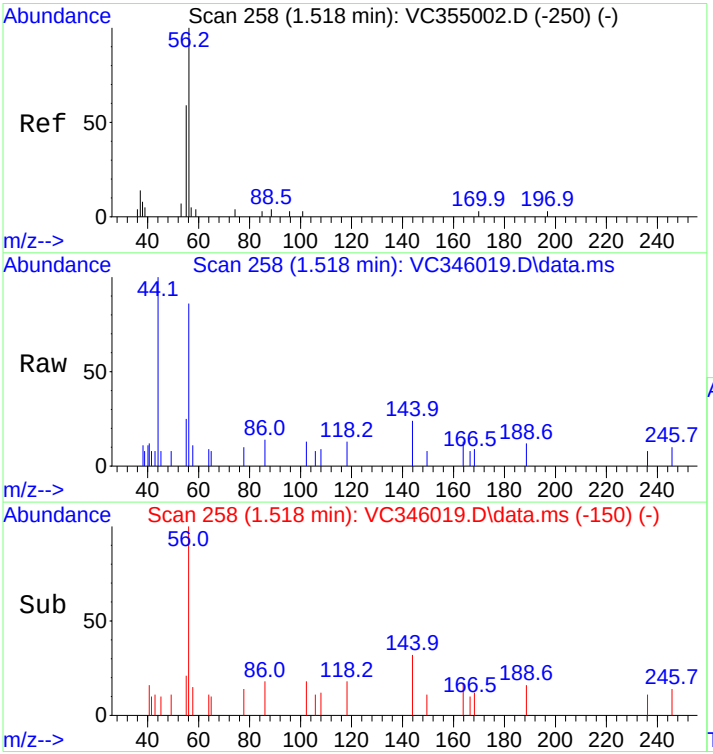


#11
ETHANOL
Concen: 32.84 UG/L
RT: 1.392 min Scan# 213
Delta R.T. -0.008 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 45 Resp: 1756

Ion	Ratio	Lower	Upper
45	100		
46	29.9	33.2	49.8#
43	30.1	27.7	41.5

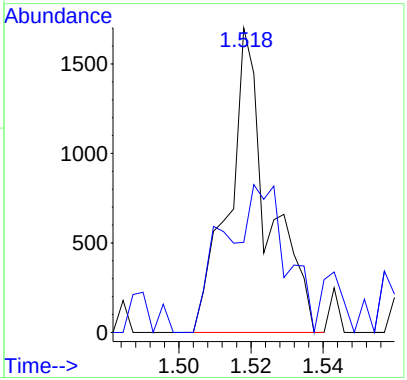


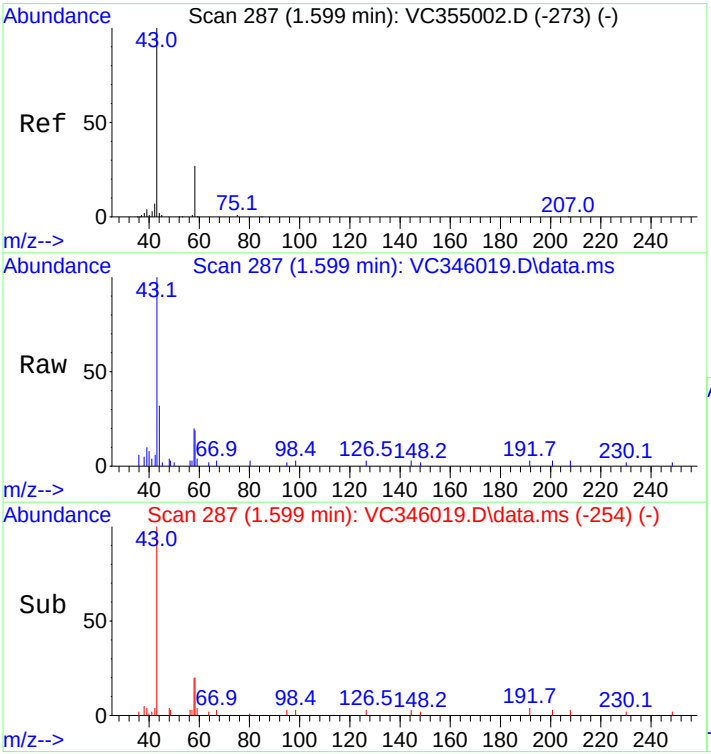


#13
ACROLEIN
Concen: 16.64 UG/L
RT: 1.518 min Scan# 258
Delta R.T. 0.001 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 56 Resp: 1292

Ion	Ratio	Lower	Upper
56	100		
55	75.5	58.2	87.4

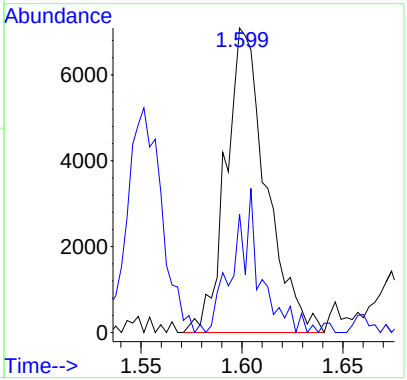


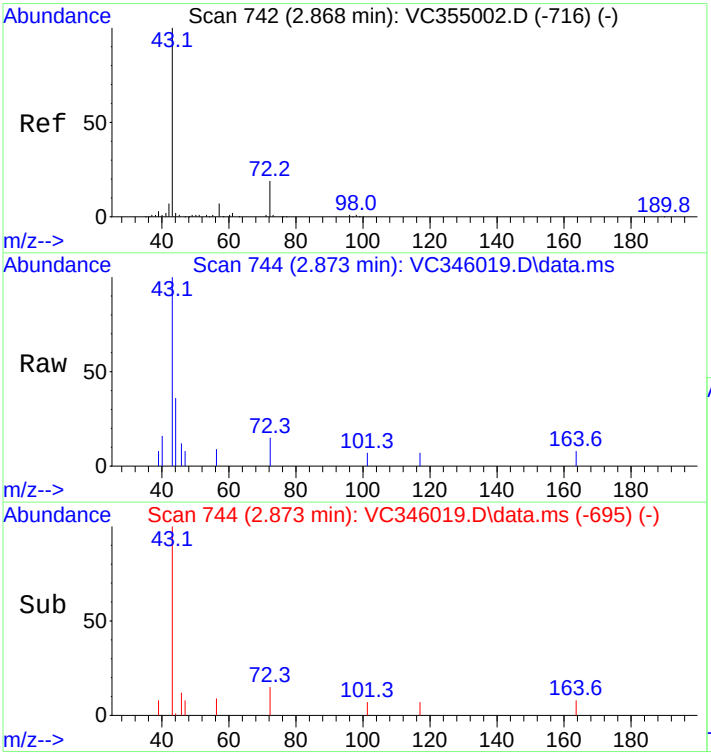


#14
ACETONE
Concen: 6.28 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 43 Resp: 9855

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.8	37.2

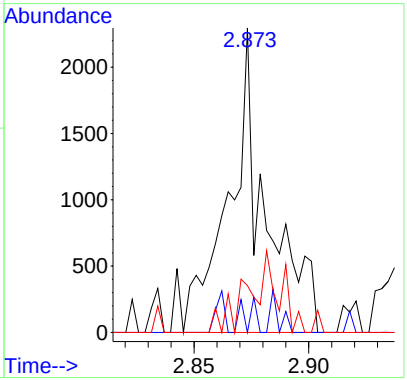


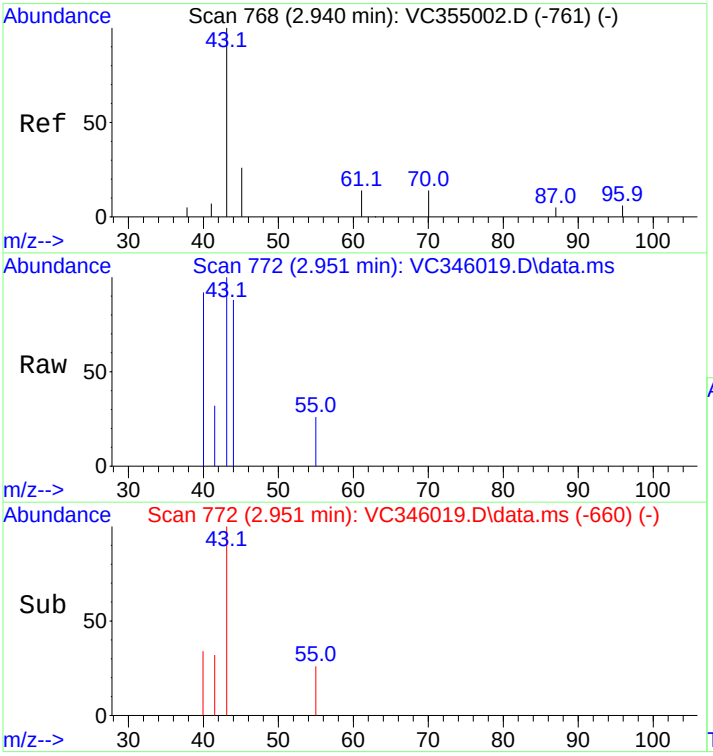


#31
2-BUTANONE
Concen: 1.26 UG/L
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 43 Resp: 2560

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

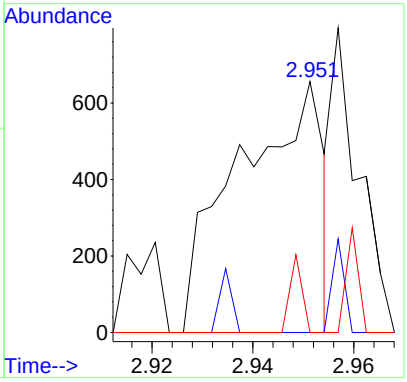


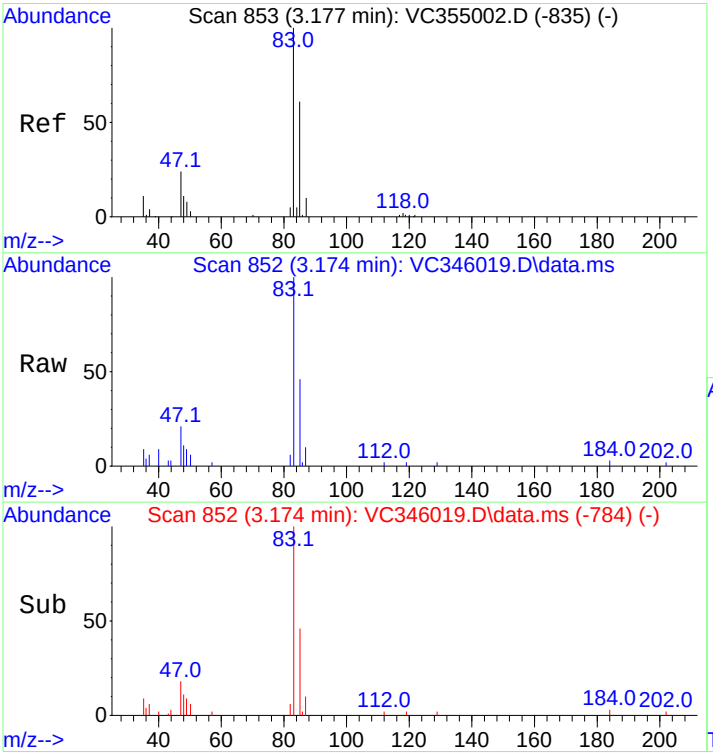


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.951 min Scan# 772
Delta R.T. 0.011 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 43 Resp: 761

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

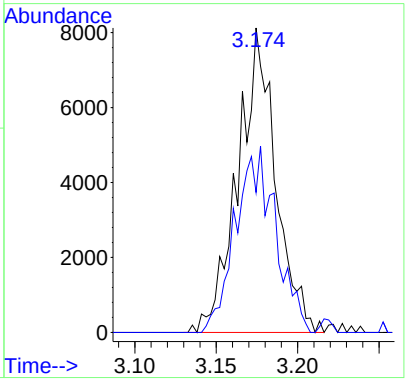


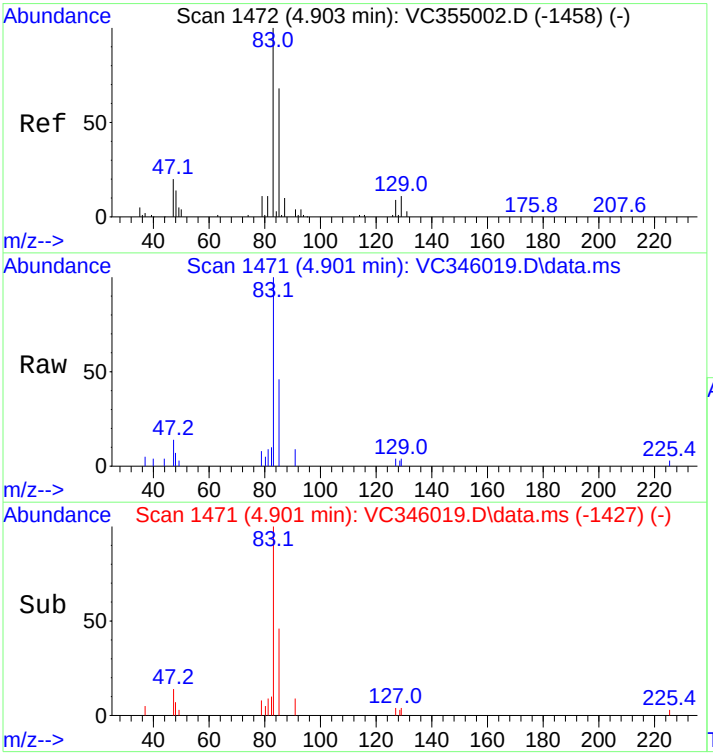


#40
CHLOROFORM
Concen: 1.32 UG/L
RT: 3.174 min Scan# 852
Delta R.T. 0.000 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 83 Resp: 13130

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.7	77.5

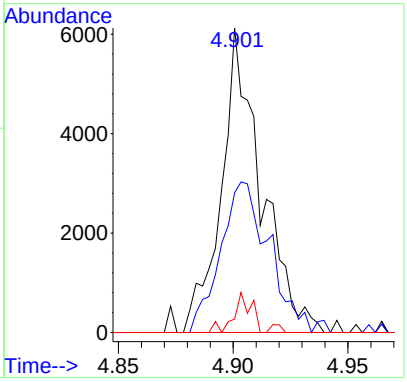


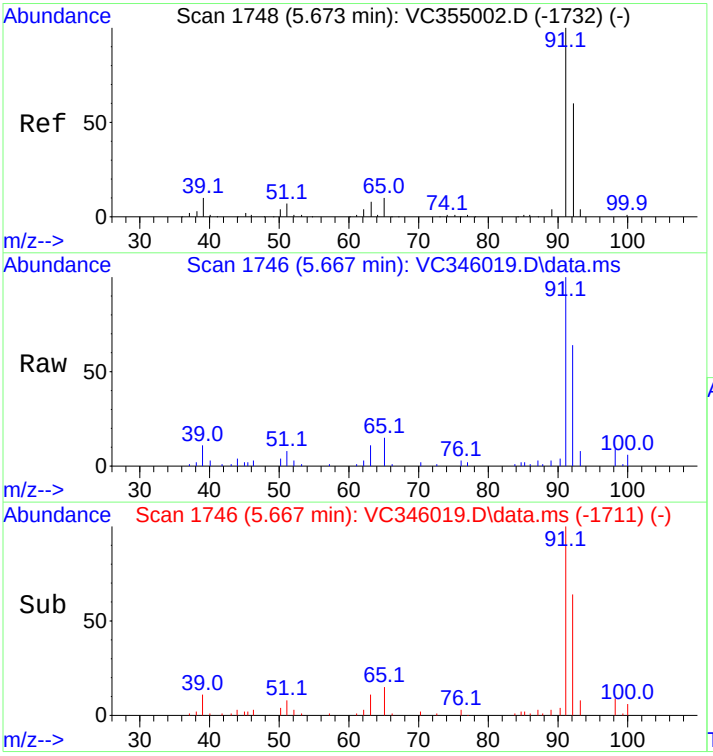


#57
BROMODICHLOROMETHANE
Concen: 1.30 UG/L
RT: 4.901 min Scan# 1471
Delta R.T. -0.005 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 83 Resp: 7402

Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.4	77.0
127	0.0	7.1	10.7#

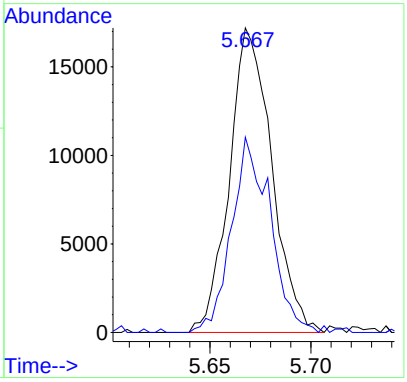


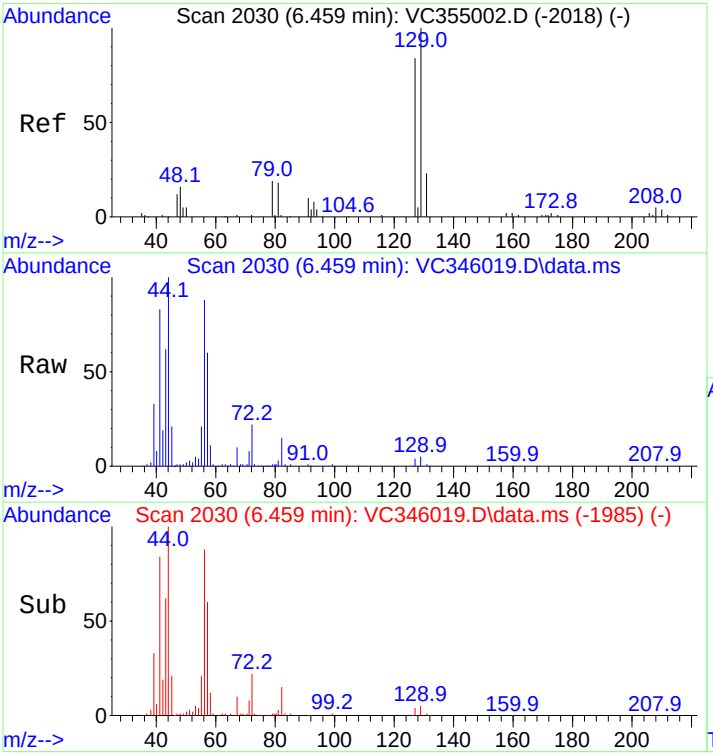


#61
TOLUENE
Concen: 1.20 UG/L
RT: 5.667 min Scan# 1746
Delta R.T. -0.003 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 91 Resp: 25030

Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.9	71.9

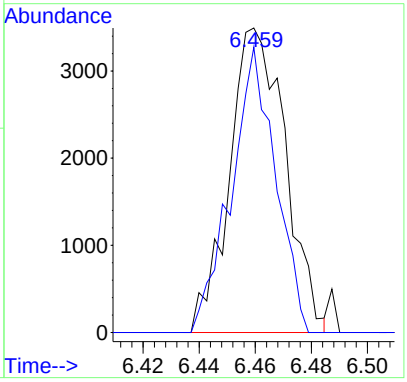




#68
DIBROMOCHLOROMETHANE
Concen: 1.07 UG/L
RT: 6.459 min Scan# 2030
Delta R.T. 0.000 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion:129 Resp: 4845

Ion	Ratio	Lower	Upper
129	100		
127	74.2	61.8	92.8



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1 - FORM I
ANALYSIS DATA SHEET

PW20-125D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-04	File ID:	VC346020.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane	1.2	0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane	0.98	0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-04	File ID:	VC346020.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-04	File ID:	VC346020.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	1.5	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-04	File ID:	VC346020.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346020.D Vial: 20
Acq On : 12 Dec 2011 4:48 pm Operator:
Sample : 11L0105-04 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:34:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

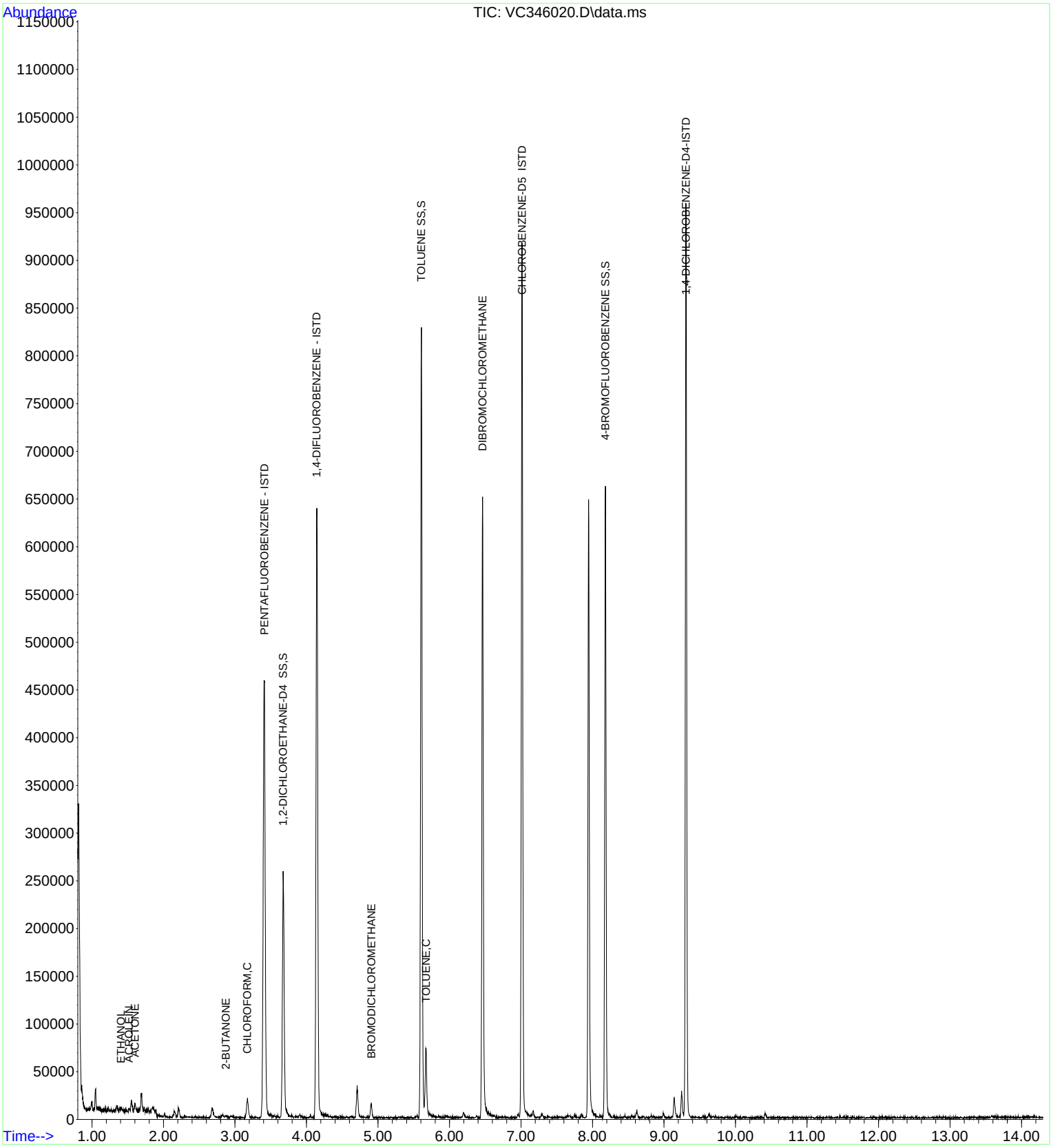
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	324766	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	459748	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	225278	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	214356	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.673	65	163376	26.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.20%				
49) TOLUENE SS	5.606	98	460614	24.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	171809	25.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.40%				
Target Compounds							Qvalue
11) ETHANOL	1.406	45	3778m	63.41	UG/L		
13) ACROLEIN	1.518	56	1628	16.96	UG/L		96
14) ACETONE	1.601	43	7044	4.03	UG/L		91
31) 2-BUTANONE	2.873	43	2406m	1.06	UG/L		
35) ETHYL ACETATE	2.954	43	574	Below Cal		#	68
40) CHLOROFORM	3.171	83	12999	1.17	UG/L		96
57) BROMODICHLOROMETHANE	4.909	83	8168	1.19	UG/L	#	94
61) TOLUENE	5.673	91	39584	1.51	UG/L		97
68) DIBROMOCHLOROMETHANE	6.462	129	5622	0.98	UG/L		94

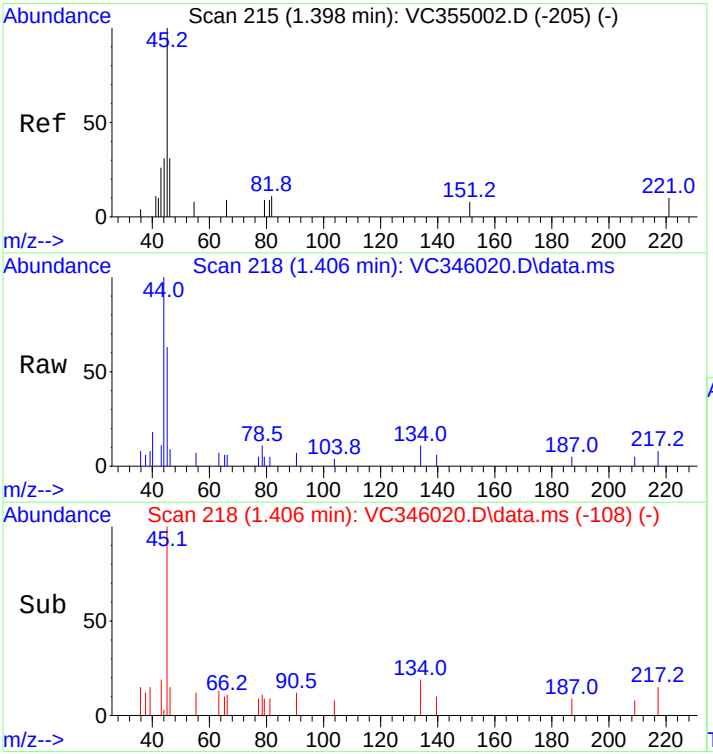
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121211\VC346020.D
Acq On : 12 Dec 2011 4:48 pm
Sample : 11L0105-04
Misc :
Quant Time: Dec 13 11:34:14 2011

Vial: 20
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

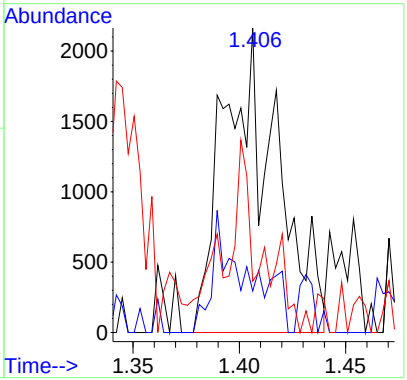


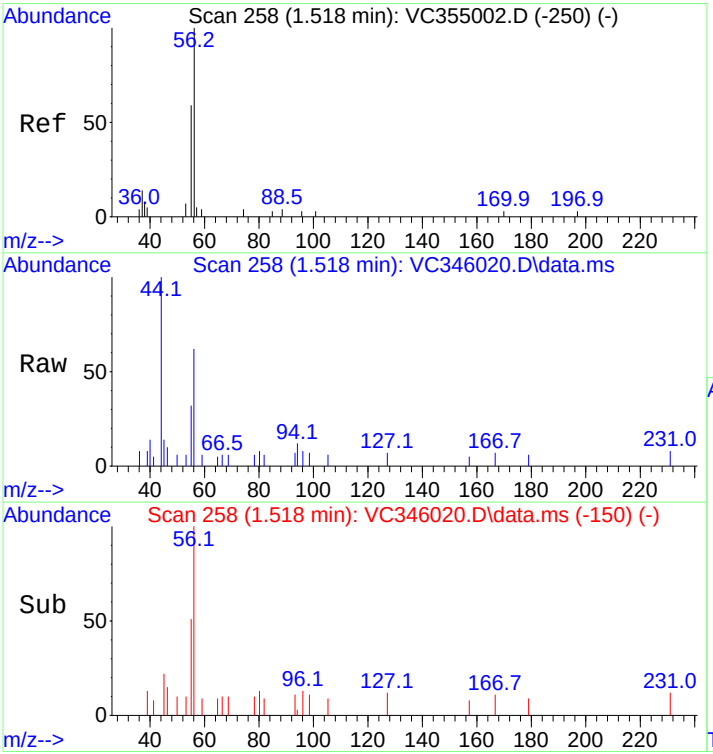


#11
ETHANOL
Concen: 63.41 UG/L m
RT: 1.406 min Scan# 218
Delta R.T. 0.006 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 45 Resp: 3778

Ion	Ratio	Lower	Upper
45	100		
46	0.0	33.2	49.8#
43	0.0	27.7	41.5#

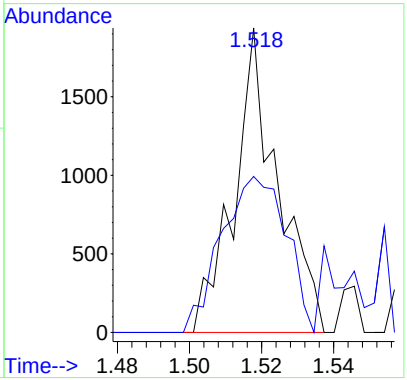


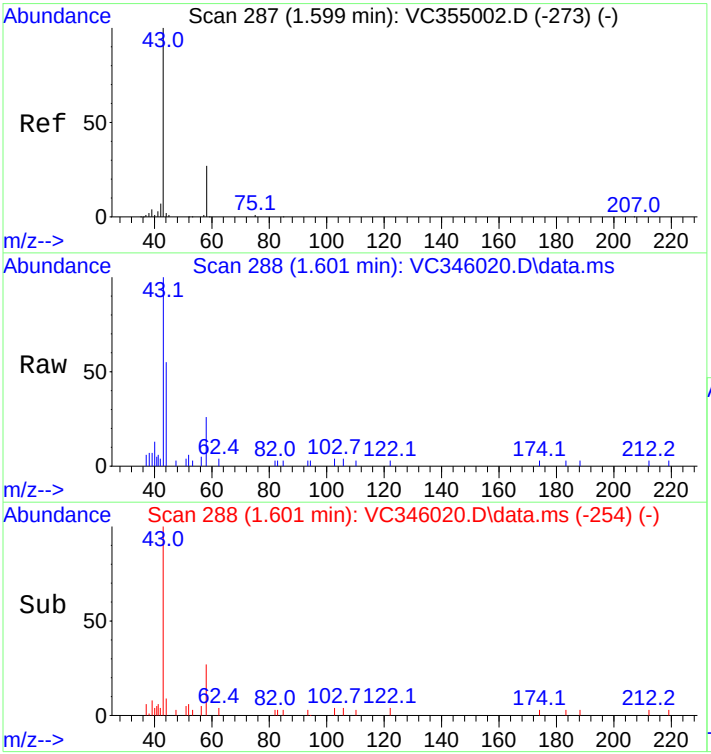


#13
ACROLEIN
Concen: 16.96 UG/L
RT: 1.518 min Scan# 258
Delta R.T. 0.001 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 56 Resp: 1628

Ion	Ratio	Lower	Upper
56	100		
55	76.0	58.2	87.4

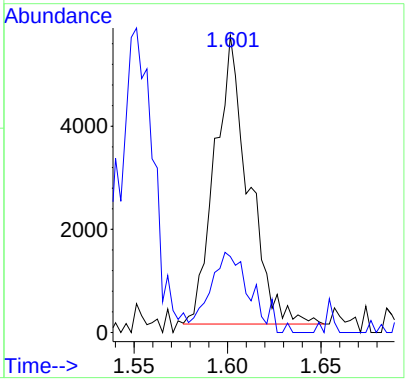


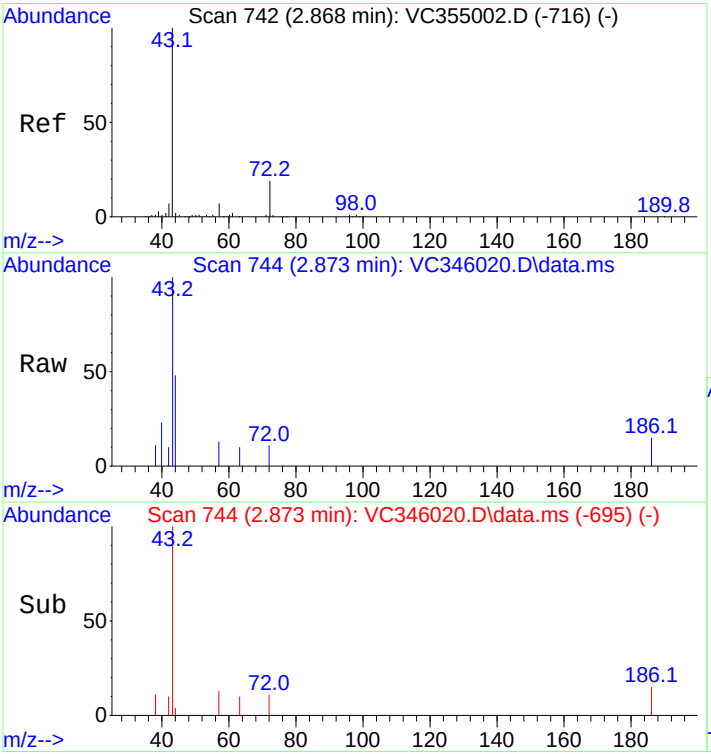


#14
ACETONE
Concen: 4.03 UG/L
RT: 1.601 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 43 Resp: 7044

Ion	Ratio	Lower	Upper
43	100		
58	26.2	24.8	37.2

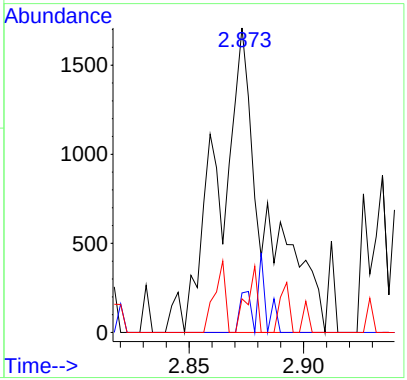


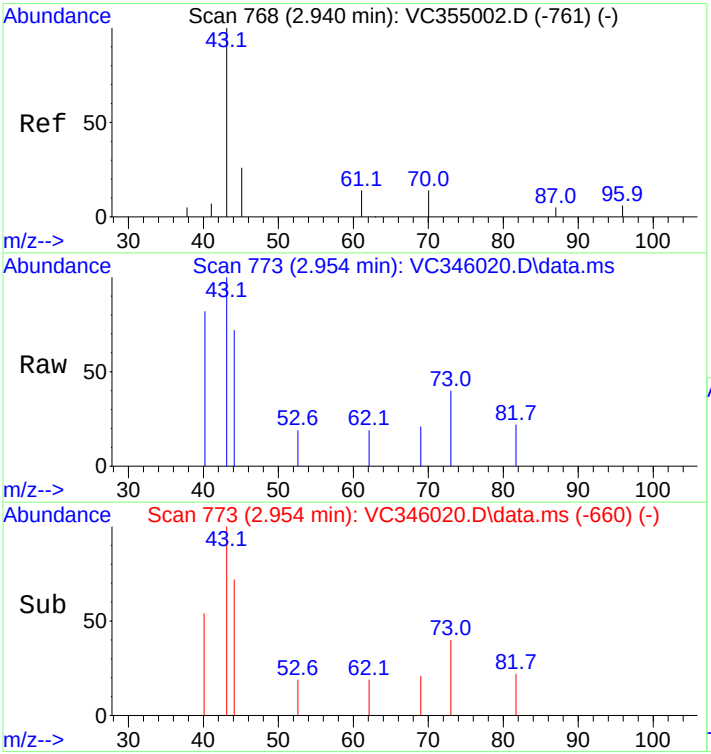


#31
2-BUTANONE
Concen: 1.06 UG/L m
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 43 Resp: 2406

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

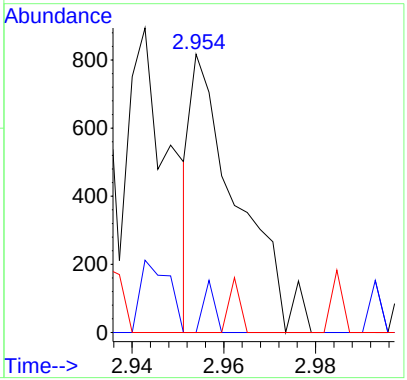


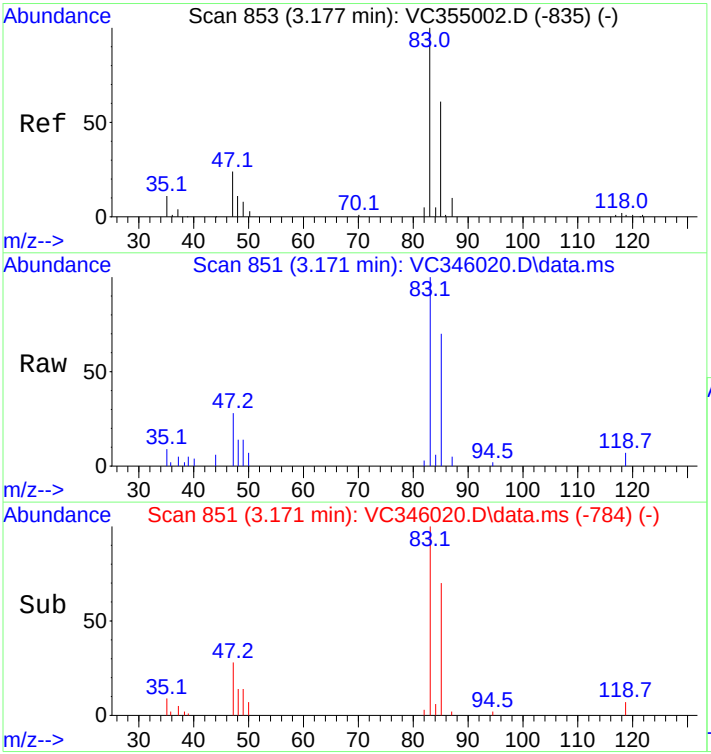


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.954 min Scan# 773
Delta R.T. 0.014 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 43 Resp: 574

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

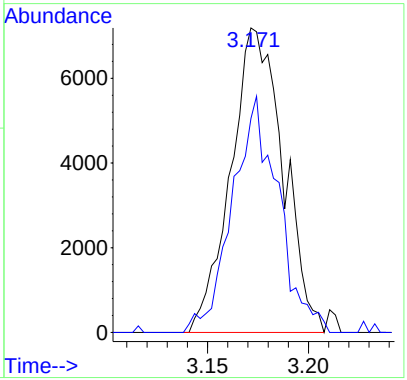


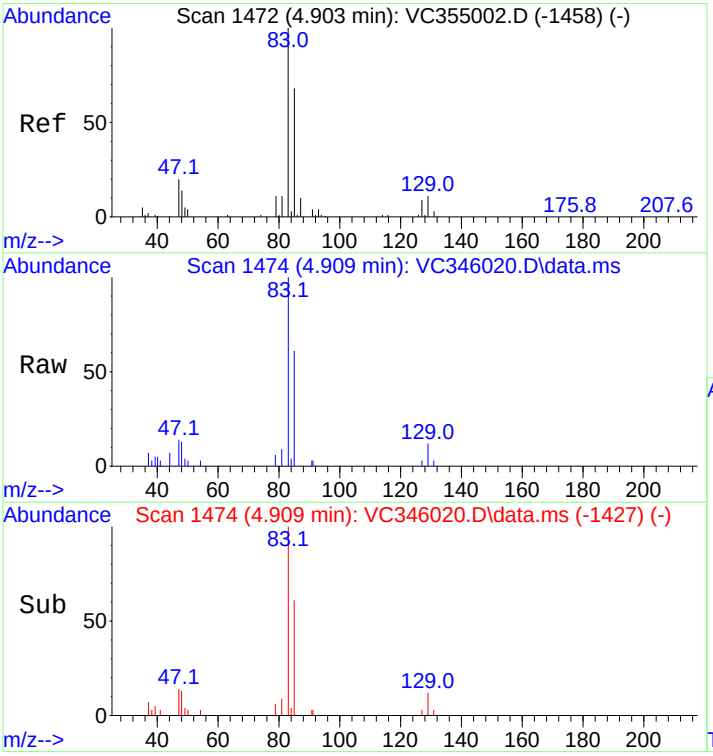


#40
CHLOROFORM
Concen: 1.17 UG/L
RT: 3.171 min Scan# 851
Delta R.T. -0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 83 Resp: 12999

Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.7	77.5

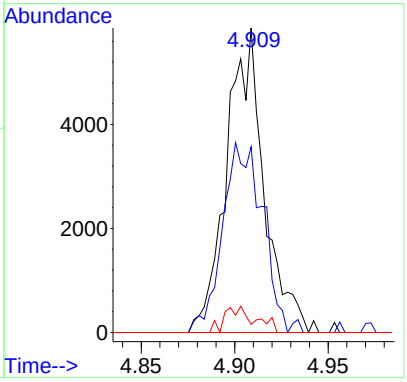


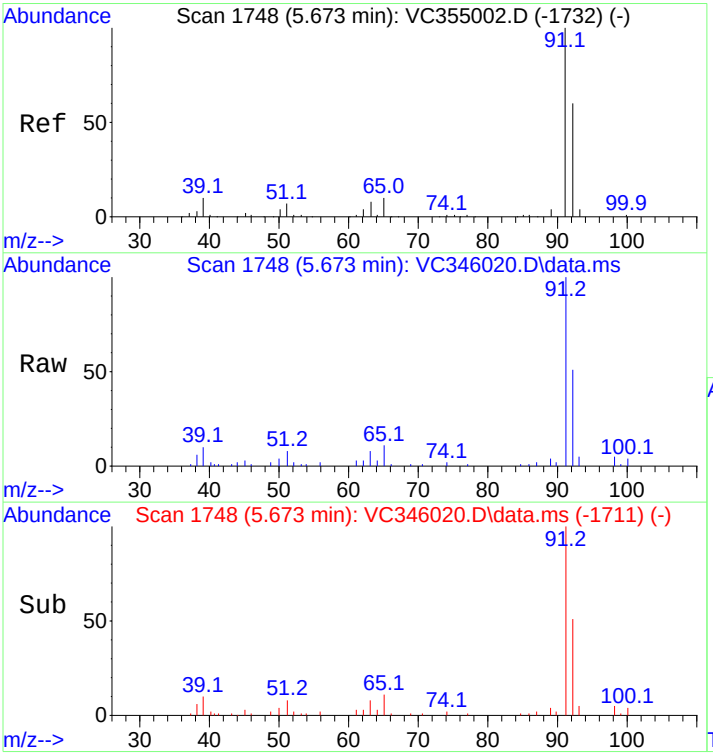


#57
BROMODICHLOROMETHANE
Concen: 1.19 UG/L
RT: 4.909 min Scan# 1474
Delta R.T. 0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 83 Resp: 8168

Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.4	77.0
127	0.0	7.1	10.7#

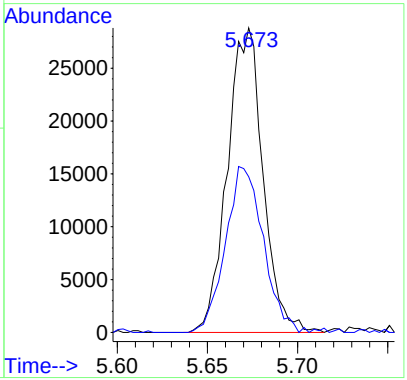


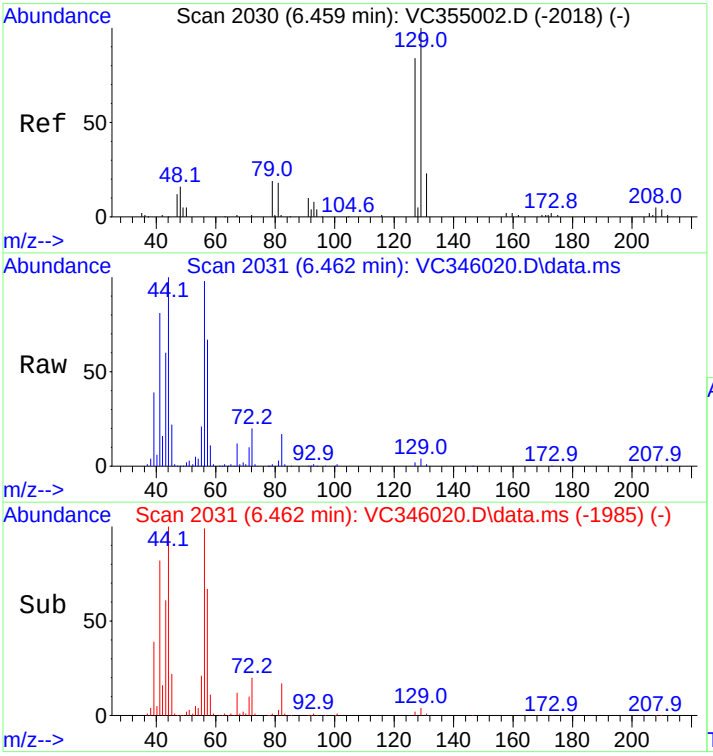


#61
TOLUENE
Concen: 1.51 UG/L
RT: 5.673 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 91 Resp: 39584

Ion	Ratio	Lower	Upper
91	100		
92	57.7	47.9	71.9

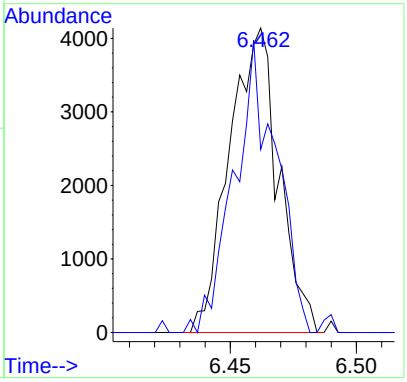




#68
DIBROMOCHLOROMETHANE
Concen: 0.98 UG/L
RT: 6.462 min Scan# 2031
Delta R.T. 0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion:129 Resp: 5622

Ion	Ratio	Lower	Upper
129	100		
127	82.6	61.8	92.8



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1 - FORM I
ANALYSIS DATA SHEET

PW20-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-05	File ID:	VC346021.D
Sampled:	12/01/11 12:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-05	File ID:	VC346021.D
Sampled:	12/01/11 12:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

PW20-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-05	File ID:	VC346021.D
Sampled:	12/01/11 12:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	1.4	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

PW20-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-05	File ID:	VC346021.D
Sampled:	12/01/11 12:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346021.D Vial: 21
Acq On : 12 Dec 2011 5:19 pm Operator:
Sample : 11L0105-05 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:34:53 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.408	168	294300	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	420762	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	204006	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	171025	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	150447	27.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.92%				
49) TOLUENE SS	5.609	98	415801	24.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.40%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	147925	24.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.32%				
Target Compounds							Qvalue
11) ETHANOL	1.398	45	3003m	55.62	UG/L		
13) ACROLEIN	1.515	56	967m	16.01	UG/L		
14) ACETONE	1.601	43	13299	8.40	UG/L		98
31) 2-BUTANONE	2.876	43	4991m	2.43	UG/L		
35) ETHYL ACETATE	2.937	43	595	Below Cal		#	68
65) 2-HEXANONE	6.373	43	1126	0.40	UG/L	#	21
66) TETRACHLOROETHENE	6.200	166	8917	1.44	UG/L		99

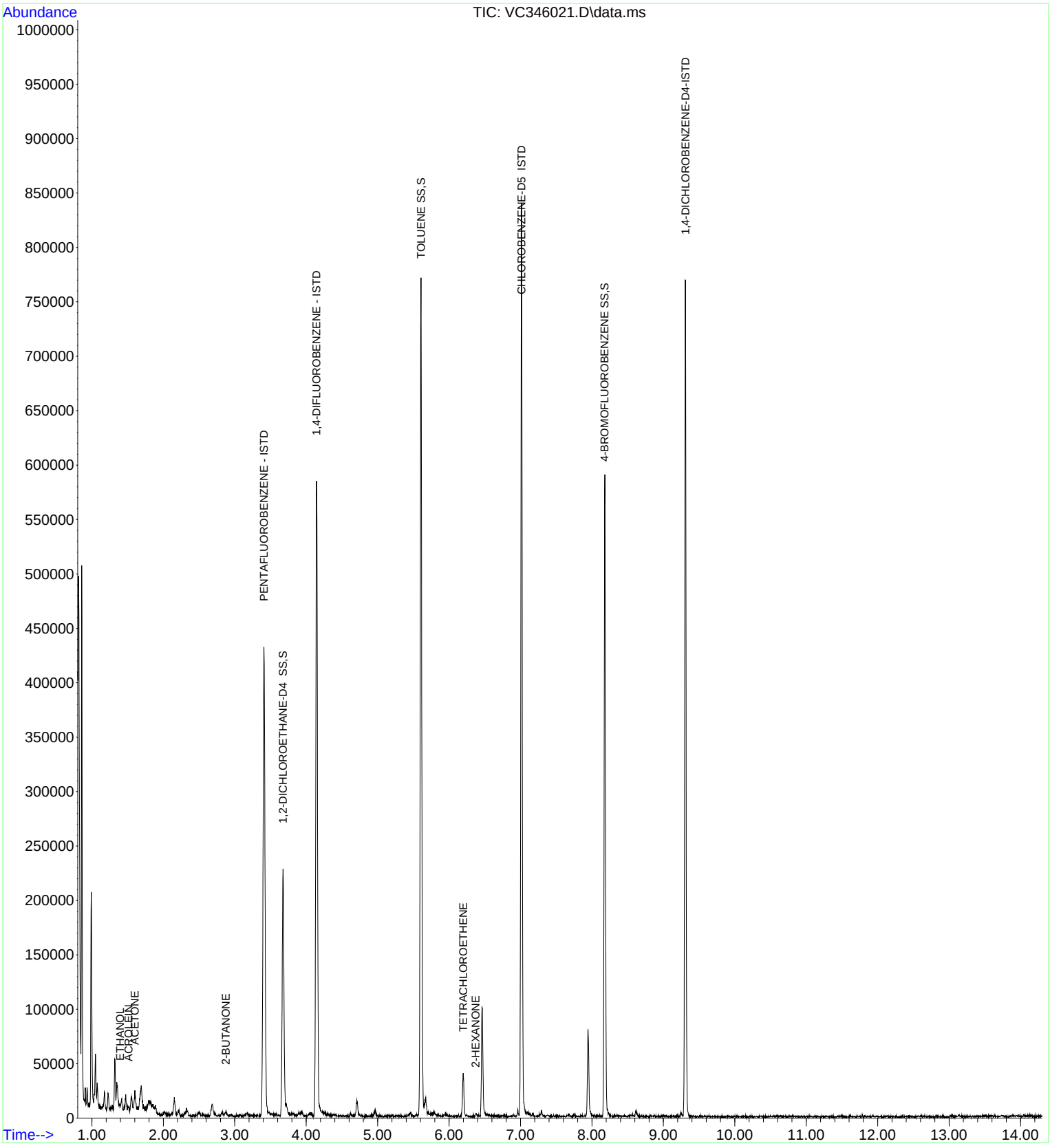
(#) = qualifier out of range (m) = manual integration (+) = signals summed

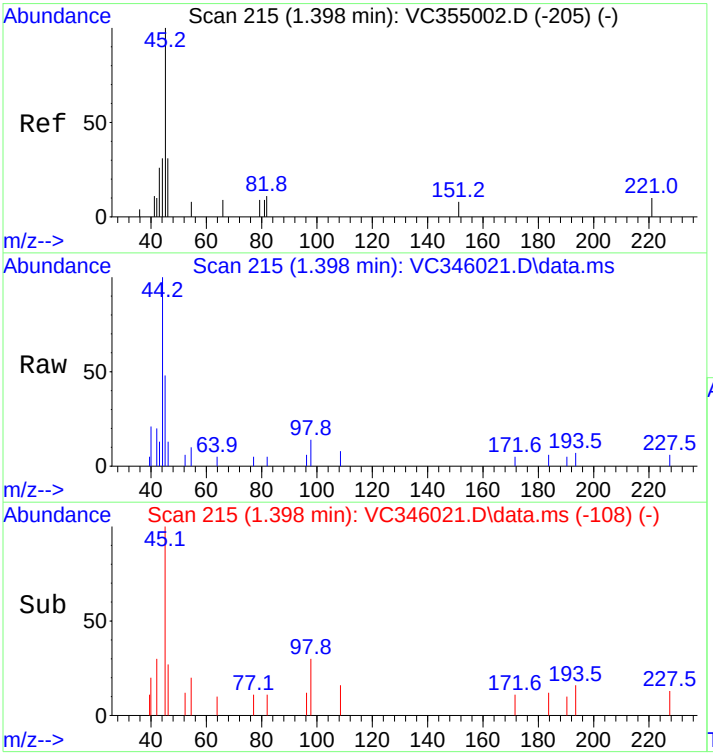
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346021.D
Acq On : 12 Dec 2011 5:19 pm
Sample : 11L0105-05
Misc :
Quant Time: Dec 13 11:34:53 2011

Vial: 21
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

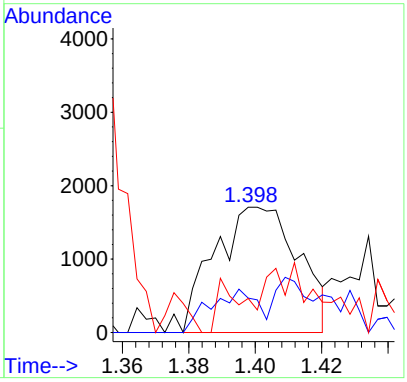


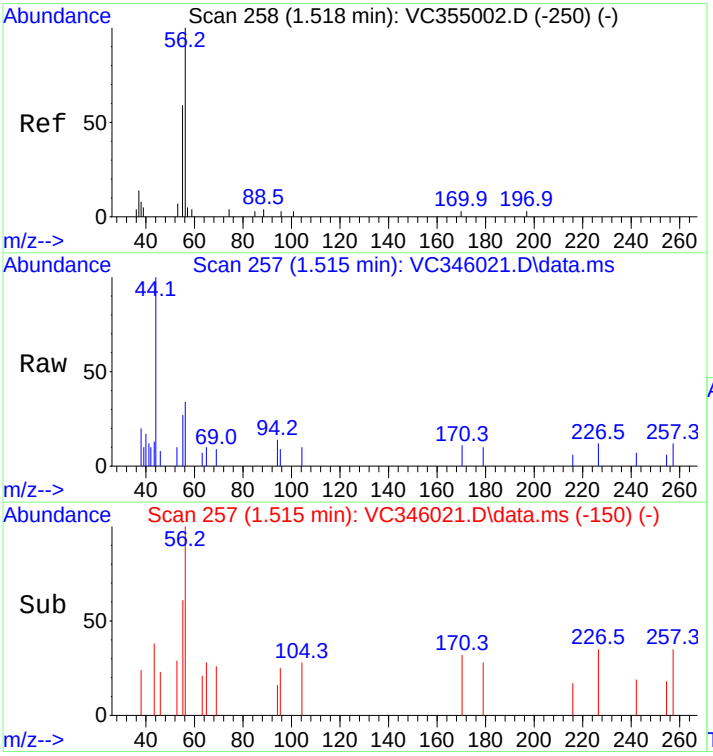


#11
ETHANOL
Concen: 55.62 UG/L m
RT: 1.398 min Scan# 215
Delta R.T. -0.002 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 45 Resp: 3003

Ion	Ratio	Lower	Upper
45	100		
46	28.4	33.2	49.8#
43	17.6	27.7	41.5#

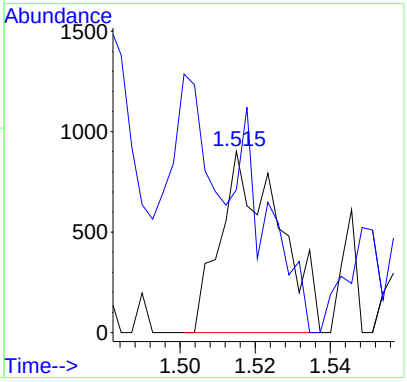


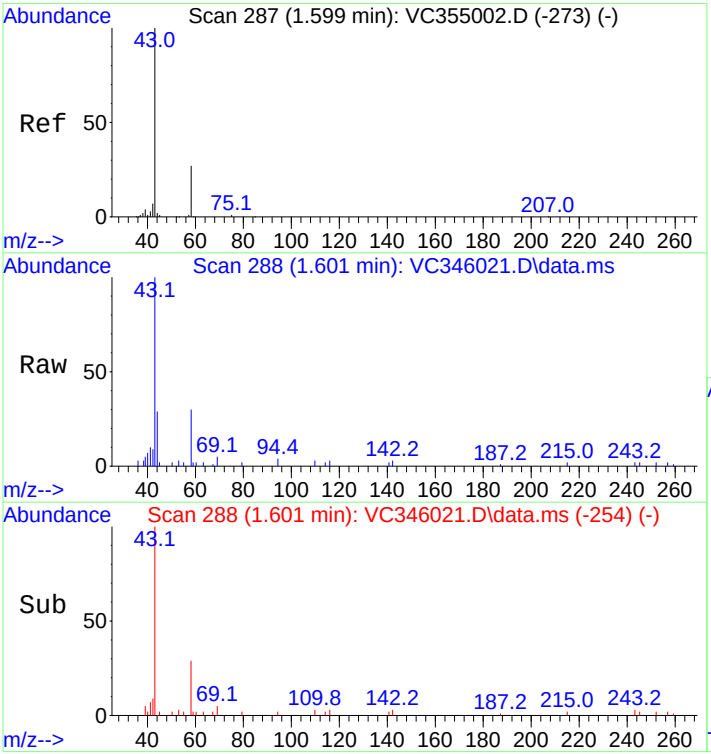


#13
ACROLEIN
Concen: 16.01 UG/L m
RT: 1.515 min Scan# 257
Delta R.T. -0.002 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 56 Resp: 967

Ion	Ratio	Lower	Upper
56	100		
55	69.8	58.2	87.4

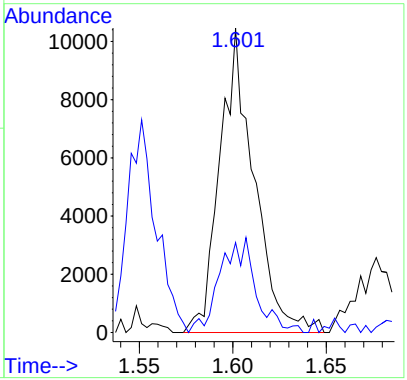


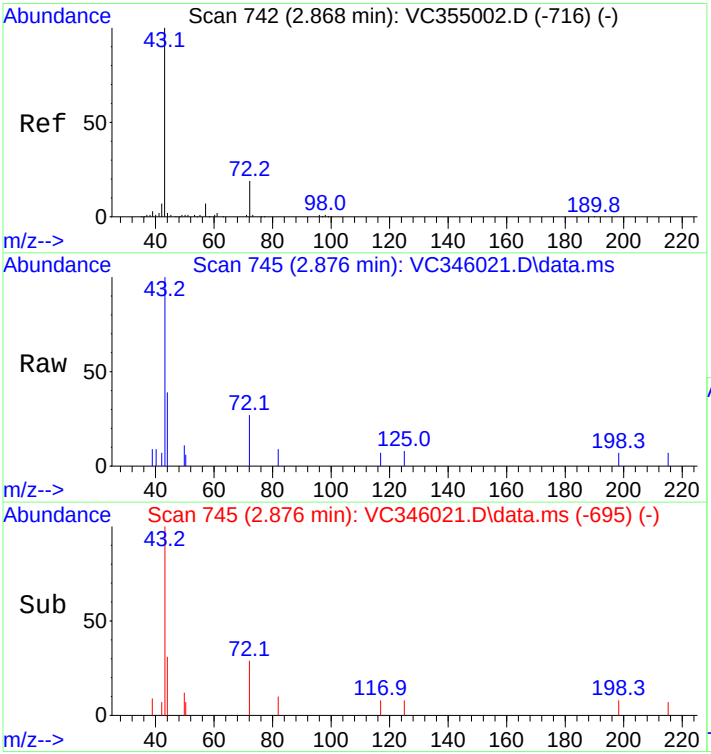


#14
ACETONE
Concen: 8.40 UG/L
RT: 1.601 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 43 Resp: 13299

Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.8	37.2

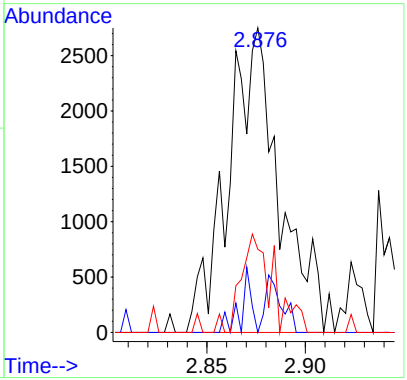


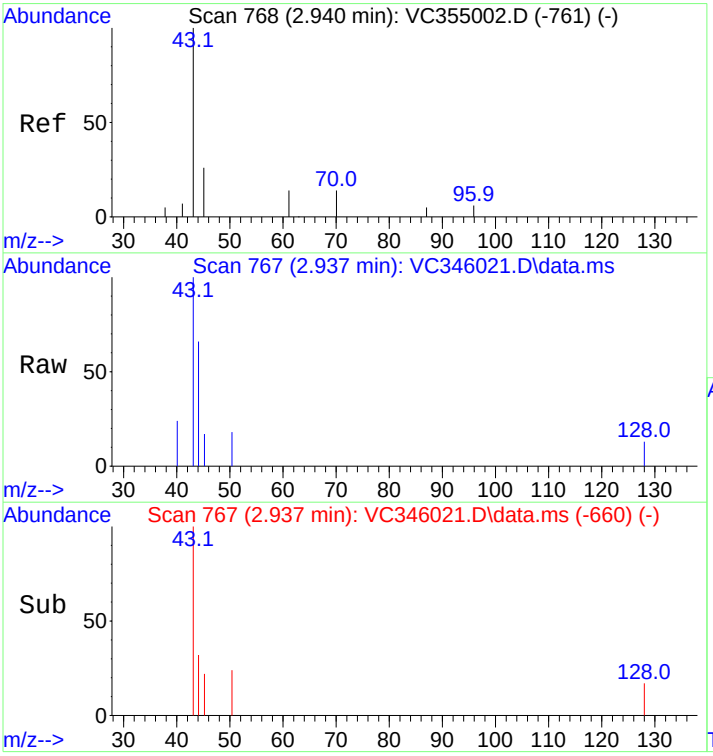


#31
2-BUTANONE
Concen: 2.43 UG/L m
RT: 2.876 min Scan# 745
Delta R.T. 0.005 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 43 Resp: 4991

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	18.8	18.5	27.7

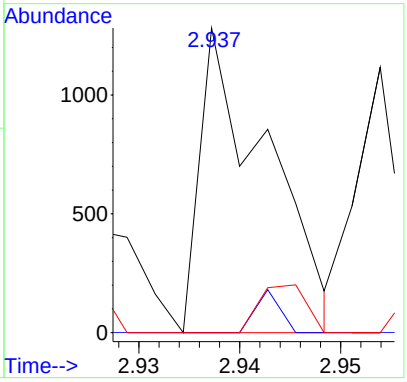


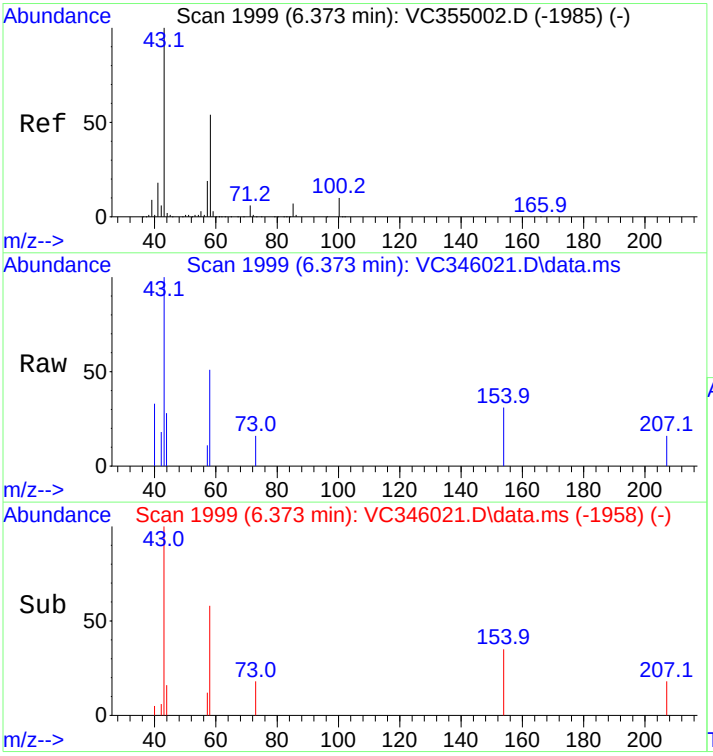


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.937 min Scan# 767
Delta R.T. -0.003 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 43 Resp: 595

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

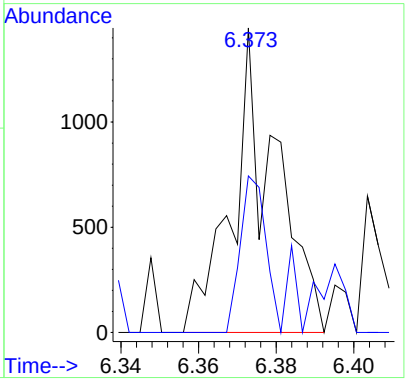


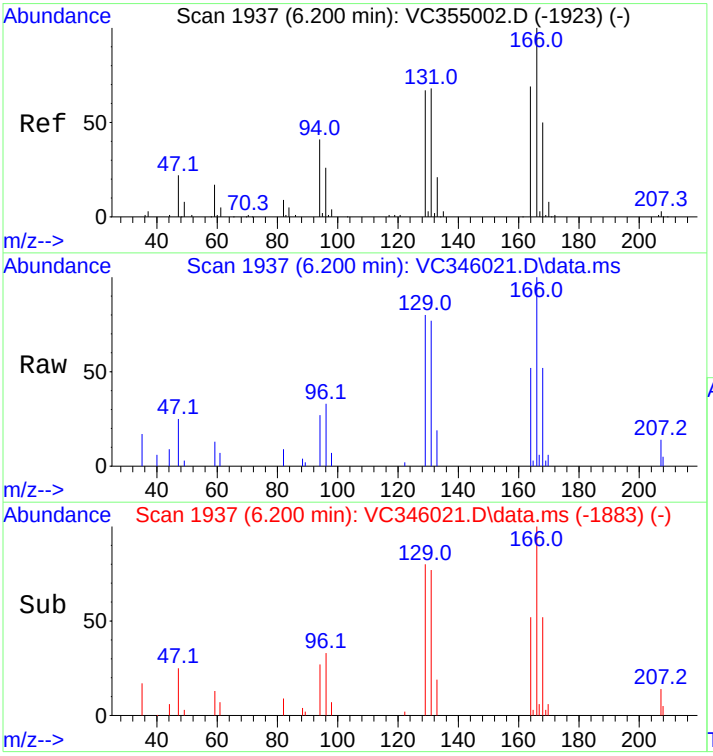


#65
2-HEXANONE
Concen: 0.40 UG/L
RT: 6.373 min Scan# 1999
Delta R.T. 0.003 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 43 Resp: 1126

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.0	70.4#

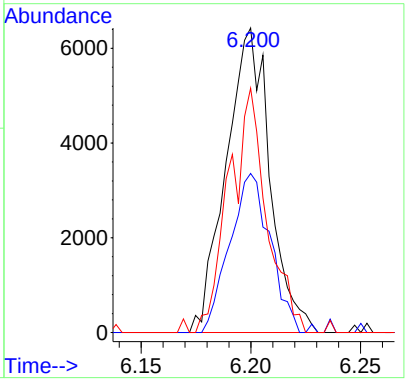




#66
TETRACHLOROETHENE
Concen: 1.44 UG/L
RT: 6.200 min Scan# 1937
Delta R.T. 0.005 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion:166 Resp: 8917

Ion	Ratio	Lower	Upper
166	100		
168	48.3	39.6	59.4
129	69.2	55.6	83.4



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1 - FORM I
ANALYSIS DATA SHEET

PW20-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-06	File ID:	VC346022.D
Sampled:	12/01/11 14:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:49
Solids:		Preparation:	SW-846 5030B	Dilution:	200
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		110	10000	
107-13-1	Acrylonitrile		100	1000	
994-05-8	tert-Amyl Methyl Ether (TAME)		22	100	
71-43-2	Benzene		10	200	
108-86-1	Bromobenzene		20	200	
74-97-5	Bromochloromethane		20	200	
75-27-4	Bromodichloromethane		16	100	
75-25-2	Bromoform		50	200	
74-83-9	Bromomethane		76	400	
78-93-3	2-Butanone (MEK)		82	4000	
75-65-0	tert-Butyl Alcohol (TBA)		700	4000	V-16
104-51-8	n-Butylbenzene		10	200	
135-98-8	sec-Butylbenzene		10	200	
98-06-6	tert-Butylbenzene		10	200	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		14	100	
75-15-0	Carbon Disulfide		10	800	
56-23-5	Carbon Tetrachloride		18	1000	
108-90-7	Chlorobenzene		10	200	
124-48-1	Chlorodibromomethane		24	100	
75-00-3	Chloroethane		66	400	
67-66-3	Chloroform		8.0	400	
74-87-3	Chloromethane		26	400	
95-49-8	2-Chlorotoluene		10	200	
106-43-4	4-Chlorotoluene		10	200	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		96	1000	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-06	File ID:	VC346022.D
Sampled:	12/01/11 14:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:49
Solids:		Preparation:	SW-846 5030B	Dilution:	200
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		28	100	
74-95-3	Dibromomethane		16	200	
95-50-1	1,2-Dichlorobenzene		12	200	
541-73-1	1,3-Dichlorobenzene		12	200	
106-46-7	1,4-Dichlorobenzene		22	200	
110-57-6	trans-1,4-Dichloro-2-butene		150	400	
75-71-8	Dichlorodifluoromethane (Freon 12)		8.0	400	
75-34-3	1,1-Dichloroethane		18	200	
107-06-2	1,2-Dichloroethane		18	200	
75-35-4	1,1-Dichloroethylene		20	200	
156-59-2	cis-1,2-Dichloroethylene		10	200	
156-60-5	trans-1,2-Dichloroethylene		14	200	
78-87-5	1,2-Dichloropropane		40	200	
142-28-9	1,3-Dichloropropane		16	100	
594-20-7	2,2-Dichloropropane		26	200	
563-58-6	1,1-Dichloropropene		20	400	
10061-01-5	cis-1,3-Dichloropropene		14	100	
10061-02-6	trans-1,3-Dichloropropene		24	100	
60-29-7	Diethyl Ether		20	400	
108-20-3	Diisopropyl Ether (DIPE)		6.0	100	
123-91-1	1,4-Dioxane		700	10000	V-16
100-41-4	Ethylbenzene		10	200	
87-68-3	Hexachlorobutadiene		52	100	
591-78-6	2-Hexanone (MBK)		130	2000	
98-82-8	Isopropylbenzene (Cumene)		12	200	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

PW20-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-06	File ID:	VC346022.D
Sampled:	12/01/11 14:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:49
Solids:		Preparation:	SW-846 5030B	Dilution:	200
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		12	200	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		10	200	
75-09-2	Methylene Chloride		450	1000	
108-10-1	4-Methyl-2-pentanone (MIBK)		44	2000	
91-20-3	Naphthalene		42	400	
103-65-1	n-Propylbenzene		8.0	200	
100-42-5	Styrene		12	200	
630-20-6	1,1,1,2-Tetrachloroethane		16	200	
79-34-5	1,1,2,2-Tetrachloroethane		36	100	
127-18-4	Tetrachloroethylene		28	200	
109-99-9	Tetrahydrofuran		200	2000	
108-88-3	Toluene		8.0	200	
87-61-6	1,2,3-Trichlorobenzene		44	1000	
120-82-1	1,2,4-Trichlorobenzene		22	200	V-05
108-70-3	1,3,5-Trichlorobenzene		80	200	
71-55-6	1,1,1-Trichloroethane		10	200	
79-00-5	1,1,2-Trichloroethane		16	200	
79-01-6	Trichloroethylene		24	200	
75-69-4	Trichlorofluoromethane (Freon 11)		14	400	
96-18-4	1,2,3-Trichloropropane		42	400	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		22	200	
95-63-6	1,2,4-Trimethylbenzene		12	200	
108-67-8	1,3,5-Trimethylbenzene		12	200	
75-01-4	Vinyl Chloride		32	400	
108383/106423	m+p Xylene		14	400	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-06	File ID:	VC346022.D
Sampled:	12/01/11 14:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:49
Solids:		Preparation:	SW-846 5030B	Dilution:	200
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		10	200	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346022.D Vial: 22
Acq On : 12 Dec 2011 5:49 pm Operator:
Sample : 11L0105-06 @ 200X M Inst : GCMSVOA3
Misc : 200 Multiplr: 1.00
Quant Time: Dec 13 11:35:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

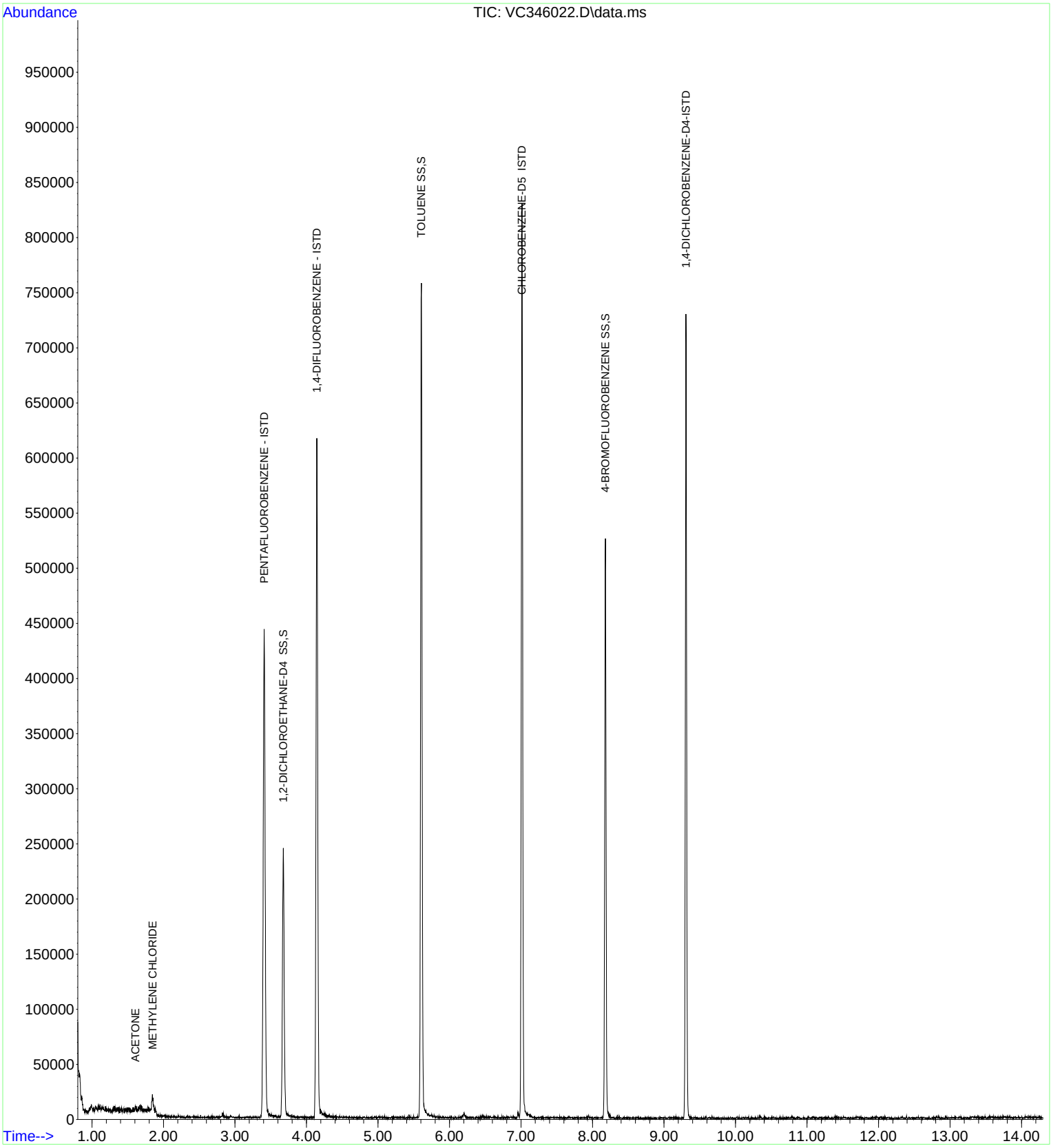
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	301806	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	427858	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	209983	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	155073	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	159332	28.12	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.48%			
49) TOLUENE SS	5.606	98	421768	24.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.16%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	133045	21.48	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.92%			
Target Compounds						Qvalue
14) ACETONE	1.607	43	2815	1.73	UG/L #	44
23) METHYLENE CHLORIDE	1.847	49	4731	0.41	UG/L	96
35) ETHYL ACETATE	2.940	43	2074m	Below Cal		

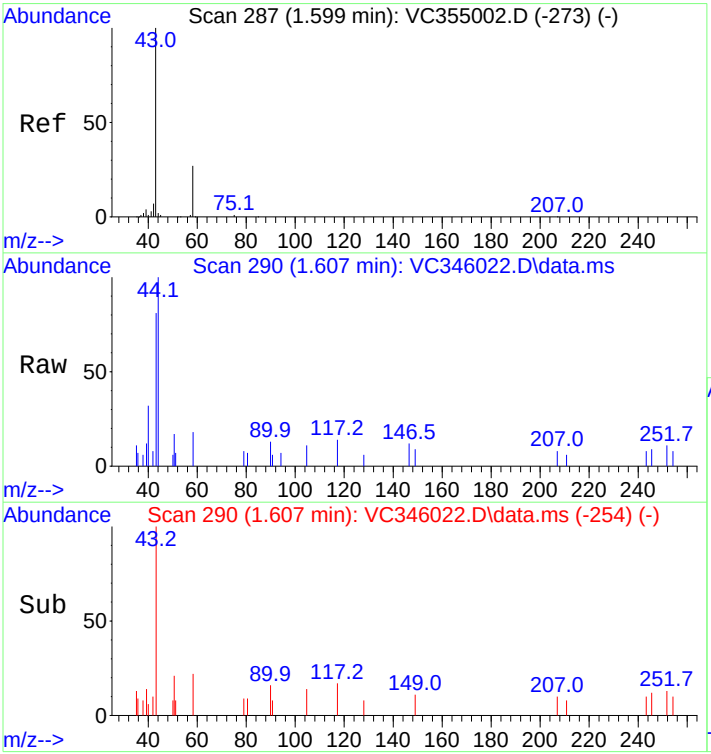
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121211\VC346022.D
Acq On : 12 Dec 2011 5:49 pm
Sample : 11L0105-06 @ 200X M
Misc : 200
Quant Time: Dec 13 11:35:22 2011

Vial: 22
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

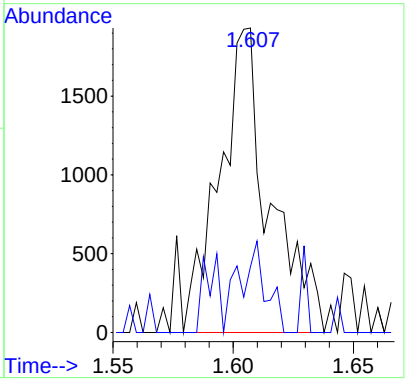


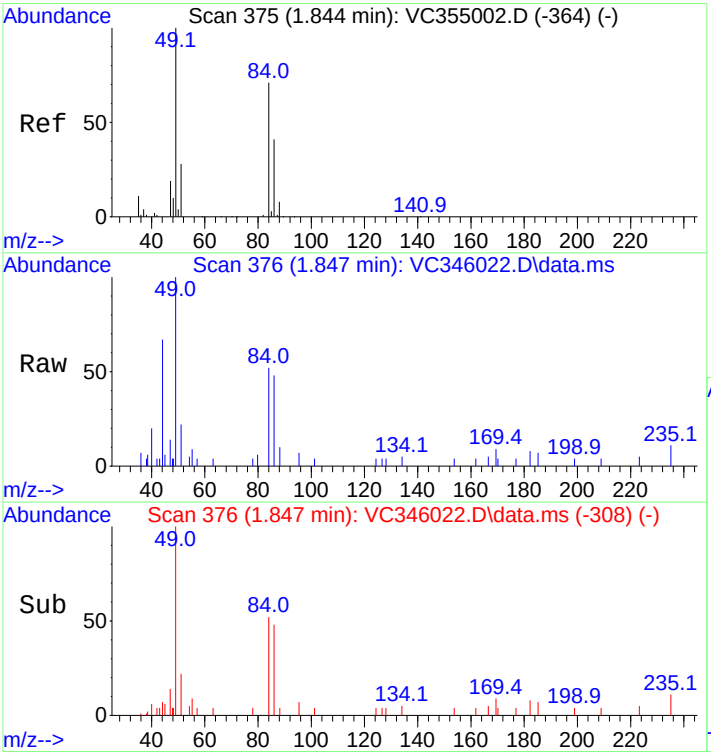


#14
ACETONE
Concen: 1.73 UG/L
RT: 1.607 min Scan# 290
Delta R.T. 0.006 min
Lab File: VC346022.D
Acq: 12 Dec 2011 5:49 pm

Tgt Ion: 43 Resp: 2815

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

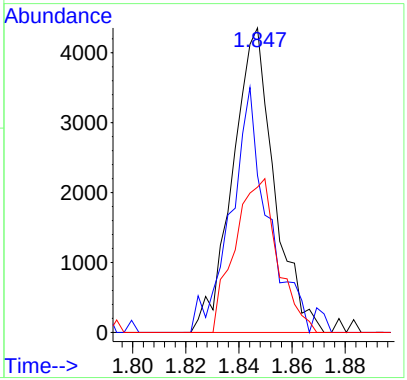


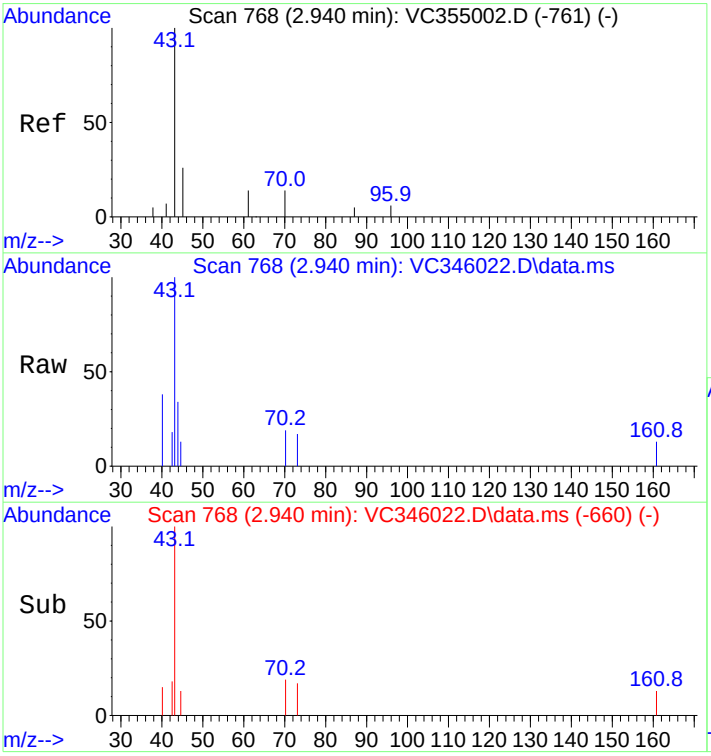


#23
METHYLENE CHLORIDE
Concen: 0.41 UG/L
RT: 1.847 min Scan# 376
Delta R.T. 0.001 min
Lab File: VC346022.D
Acq: 12 Dec 2011 5:49 pm

Tgt Ion: 49 Resp: 4731

Ion	Ratio	Lower	Upper
49	100		
84	71.4	57.8	86.8
86	52.1	37.5	56.3

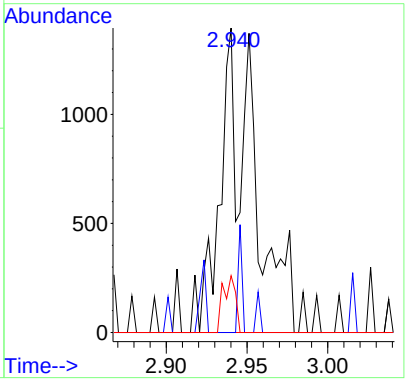




#35
ETHYL ACETATE
Concen: Below Cal m
RT: 2.940 min Scan# 768
Delta R.T. 0.000 min
Lab File: VC346022.D
Acq: 12 Dec 2011 5:49 pm

Tgt Ion: 43 Resp: 2074

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11L0105-01	103	90.9	98.6
11L0105-02	111	96.3	101
11L0105-03	105	111	106
11L0105-04	107	103	99.8
11L0105-05	109	98.3	98.4
11L0105-06	112	85.9	98.2
B042460-BLK1	101	108	102
B042460-BS1	103	119	90.7
B042460-BSD1	106	102	100

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	135	135		70 - 160
Acrylonitrile	10.0	9.98	99.8		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105		70 - 130
Benzene	10.0	10.5	105		70 - 130
Bromobenzene	10.0	11.2	112		70 - 130
Bromochloromethane	10.0	12.1	121		70 - 130
Bromodichloromethane	10.0	9.55	95.5		70 - 130
Bromoform	10.0	13.0	130		70 - 130
Bromomethane	10.0	6.40	64.0		40 - 160
2-Butanone (MEK)	100	131	131		40 - 160
tert-Butyl Alcohol (TBA)	100	114	114		40 - 160
n-Butylbenzene	10.0	9.88	98.8		70 - 130
sec-Butylbenzene	10.0	11.1	111		70 - 130
tert-Butylbenzene	10.0	9.92	99.2		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.5	105		70 - 130
Carbon Disulfide	10.0	13.4	134	*	70 - 130
Carbon Tetrachloride	10.0	10.9	109		70 - 130
Chlorobenzene	10.0	10.7	107		70 - 130
Chlorodibromomethane	10.0	10.1	101		70 - 130
Chloroethane	10.0	9.21	92.1		70 - 130
Chloroform	10.0	11.4	114		70 - 130
Chloromethane	10.0	10.5	105		40 - 160
2-Chlorotoluene	10.0	10.3	103		70 - 130
4-Chlorotoluene	10.0	12.7	127		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.94	89.4		70 - 130
1,2-Dibromoethane (EDB)	10.0	9.53	95.3		70 - 130
Dibromomethane	10.0	10.8	108		70 - 130
1,2-Dichlorobenzene	10.0	9.88	98.8		70 - 130
1,3-Dichlorobenzene	10.0	11.2	112		70 - 130
1,4-Dichlorobenzene	10.0	10.3	103		70 - 130
trans-1,4-Dichloro-2-butene	10.0	13.0	130		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	9.83	98.3	40 - 160
1,1-Dichloroethane	10.0	10.5	105	70 - 130
1,2-Dichloroethane	10.0	11.1	111	70 - 130
1,1-Dichloroethylene	10.0	8.61	86.1	70 - 130
cis-1,2-Dichloroethylene	10.0	10.9	109	70 - 130
trans-1,2-Dichloroethylene	10.0	10.1	101	70 - 130
1,2-Dichloropropane	10.0	10.9	109	70 - 130
1,3-Dichloropropane	10.0	9.77	97.7	70 - 130
2,2-Dichloropropane	10.0	11.7	117	40 - 130
1,1-Dichloropropene	10.0	10.9	109	70 - 130
cis-1,3-Dichloropropene	10.0	11.3	113	70 - 130
trans-1,3-Dichloropropene	10.0	11.0	110	70 - 130
Diethyl Ether	10.0	10.8	108	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.9	109	70 - 130
1,4-Dioxane	100	121	121	40 - 130
Ethylbenzene	10.0	11.0	110	70 - 130
Hexachlorobutadiene	10.0	9.69	96.9	70 - 130
2-Hexanone (MBK)	100	107	107	70 - 160
Isopropylbenzene (Cumene)	10.0	12.5	125	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.7	107	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.0	100	70 - 130
Methylene Chloride	10.0	8.54	85.4	70 - 130
4-Methyl-2-pentanone (MIBK)	100	107	107	70 - 160
Naphthalene	10.0	9.85	98.5	40 - 130
n-Propylbenzene	10.0	10.5	105	70 - 130
Styrene	10.0	11.9	119	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.9	109	70 - 130
1,1,2,2-Tetrachloroethane	10.0	12.5	125	70 - 130
Tetrachloroethylene	10.0	9.16	91.6	70 - 130
Tetrahydrofuran	10.0	11.9	119	70 - 130
Toluene	10.0	9.43	94.3	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.37	93.7	70 - 130
1,2,4-Trichlorobenzene	10.0	10.4	104	70 - 130
1,3,5-Trichlorobenzene	10.0	7.70	77.0	70 - 130
1,1,1-Trichloroethane	10.0	11.3	113	70 - 130
1,1,2-Trichloroethane	10.0	8.50	85.0	70 - 130
Trichloroethylene	10.0	10.6	106	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.7	107	70 - 130
1,2,3-Trichloropropane	10.0	12.8	128	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.47	84.7	70 - 130
1,2,4-Trimethylbenzene	10.0	9.50	95.0	70 - 130
1,3,5-Trimethylbenzene	10.0	12.2	122	70 - 130
Vinyl Chloride	10.0	8.75	87.5	40 - 160
m+p Xylene	20.0	22.0	110	70 - 130
o-Xylene	10.0	11.8	118	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	115	115	16.2	25	70 - 160
Acrylonitrile	10.0	8.94	89.4	11.0	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.4	104	0.953	25	70 - 130
Benzene	10.0	11.4	114	7.50	25	70 - 130
Bromobenzene	10.0	10.6	106	5.86	25	70 - 130
Bromochloromethane	10.0	12.8	128	5.70	25	70 - 130
Bromodichloromethane	10.0	9.20	92.0	3.73	25	70 - 130
Bromoform	10.0	10.7	107	19.3	25	70 - 130
Bromomethane	10.0	7.16	71.6	11.2	25	40 - 160
2-Butanone (MEK)	100	118	118	10.4	25	40 - 160
tert-Butyl Alcohol (TBA)	100	90.3	90.3	23.3	25	40 - 160
n-Butylbenzene	10.0	9.17	91.7	7.45	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.4	104		6.14	25	70 - 130
tert-Butylbenzene	10.0	10.8	108		8.03	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.6	106		1.23	25	70 - 130
Carbon Disulfide	10.0	13.2	132	*	1.51	25	70 - 130
Carbon Tetrachloride	10.0	10.8	108		0.184	25	70 - 130
Chlorobenzene	10.0	10.5	105		1.97	25	70 - 130
Chlorodibromomethane	10.0	11.5	115		13.4	25	70 - 130
Chloroethane	10.0	9.21	92.1		0.00	25	70 - 130
Chloroform	10.0	11.7	117		2.25	25	70 - 130
Chloromethane	10.0	10.6	106		1.52	25	40 - 160
2-Chlorotoluene	10.0	11.2	112		8.67	25	70 - 130
4-Chlorotoluene	10.0	11.0	110		15.0	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.24	82.4		8.15	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.3	103		7.57	25	70 - 130
Dibromomethane	10.0	10.5	105		3.00	25	70 - 130
1,2-Dichlorobenzene	10.0	10.6	106		7.22	25	70 - 130
1,3-Dichlorobenzene	10.0	10.6	106		5.88	25	70 - 130
1,4-Dichlorobenzene	10.0	10.8	108		4.72	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	10.7	107		19.1	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	8.90	89.0		9.93	25	40 - 160
1,1-Dichloroethane	10.0	10.8	108		3.00	25	70 - 130
1,2-Dichloroethane	10.0	11.0	110		0.271	25	70 - 130
1,1-Dichloroethylene	10.0	8.26	82.6		4.15	25	70 - 130
cis-1,2-Dichloroethylene	10.0	11.4	114		4.38	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.1	101		0.197	25	70 - 130
1,2-Dichloropropane	10.0	11.0	110		0.549	25	70 - 130
1,3-Dichloropropane	10.0	11.1	111		12.7	25	70 - 130
2,2-Dichloropropane	10.0	11.8	118		1.62	25	40 - 130
1,1-Dichloropropene	10.0	11.8	118		7.90	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	12.0	120	6.36	25	70 - 130
trans-1,3-Dichloropropene	10.0	12.8	128	14.4	25	70 - 130
Diethyl Ether	10.0	9.81	98.1	10.1	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	11.2	112	3.26	25	70 - 130
1,4-Dioxane	100	106	106	13.8	50	40 - 130
Ethylbenzene	10.0	10.8	108	2.57	25	70 - 130
Hexachlorobutadiene	10.0	9.95	99.5	2.65	25	70 - 130
2-Hexanone (MBK)	100	111	111	3.85	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.7	127	1.58	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.3	113	5.45	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	8.96	89.6	11.1	25	70 - 130
Methylene Chloride	10.0	8.00	80.0	6.53	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	104	104	2.40	25	70 - 160
Naphthalene	10.0	9.52	95.2	3.41	25	40 - 130
n-Propylbenzene	10.0	11.1	111	5.46	25	70 - 130
Styrene	10.0	11.3	113	4.92	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2	102	6.71	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.3	103	19.1	25	70 - 130
Tetrachloroethylene	10.0	10.1	101	9.56	25	70 - 130
Tetrahydrofuran	10.0	11.1	111	7.65	25	70 - 130
Toluene	10.0	10.7	107	12.7	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.28	92.8	0.965	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.87	88.7	15.4	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.45	84.5	9.29	25	70 - 130
1,1,1-Trichloroethane	10.0	11.9	119	5.27	25	70 - 130
1,1,2-Trichloroethane	10.0	9.97	99.7	15.9	25	70 - 130
Trichloroethylene	10.0	10.5	105	1.42	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.2	102	4.90	25	70 - 130
1,2,3-Trichloropropane	10.0	10.4	104	20.7	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.18	81.8	3.48	25	70 - 130
1,2,4-Trimethylbenzene	10.0	11.0	110	14.8	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.6	106	14.0	25	70 - 130
Vinyl Chloride	10.0	8.10	81.0	7.72	25	40 - 160
m+p Xylene	20.0	21.4	107	2.71	25	70 - 130
o-Xylene	10.0	11.1	111	6.81	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B042460-BLK1	Batch:	B042460

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B042460-BSD1	VC346005.D	09:13
LCS	B042460-BS1	VC346004.D	08:43
PW20-175	11L0105-06	VC346022.D	17:49
PW20-150	11L0105-05	VC346021.D	17:19
PW20-125D	11L0105-04	VC346020.D	16:48
PW20-125	11L0105-03	VC346019.D	16:18
PW20-100	11L0105-02	VC346018.D	15:48
TB-120111	11L0105-01	VC346011.D	12:16

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VC346001.D	Injection Date:	12/12/11
Instrument ID:	GCMSVOA3	Injection Time:	07:11
Sequence:	S001575	Lab Sample ID:	S001575-TUN1

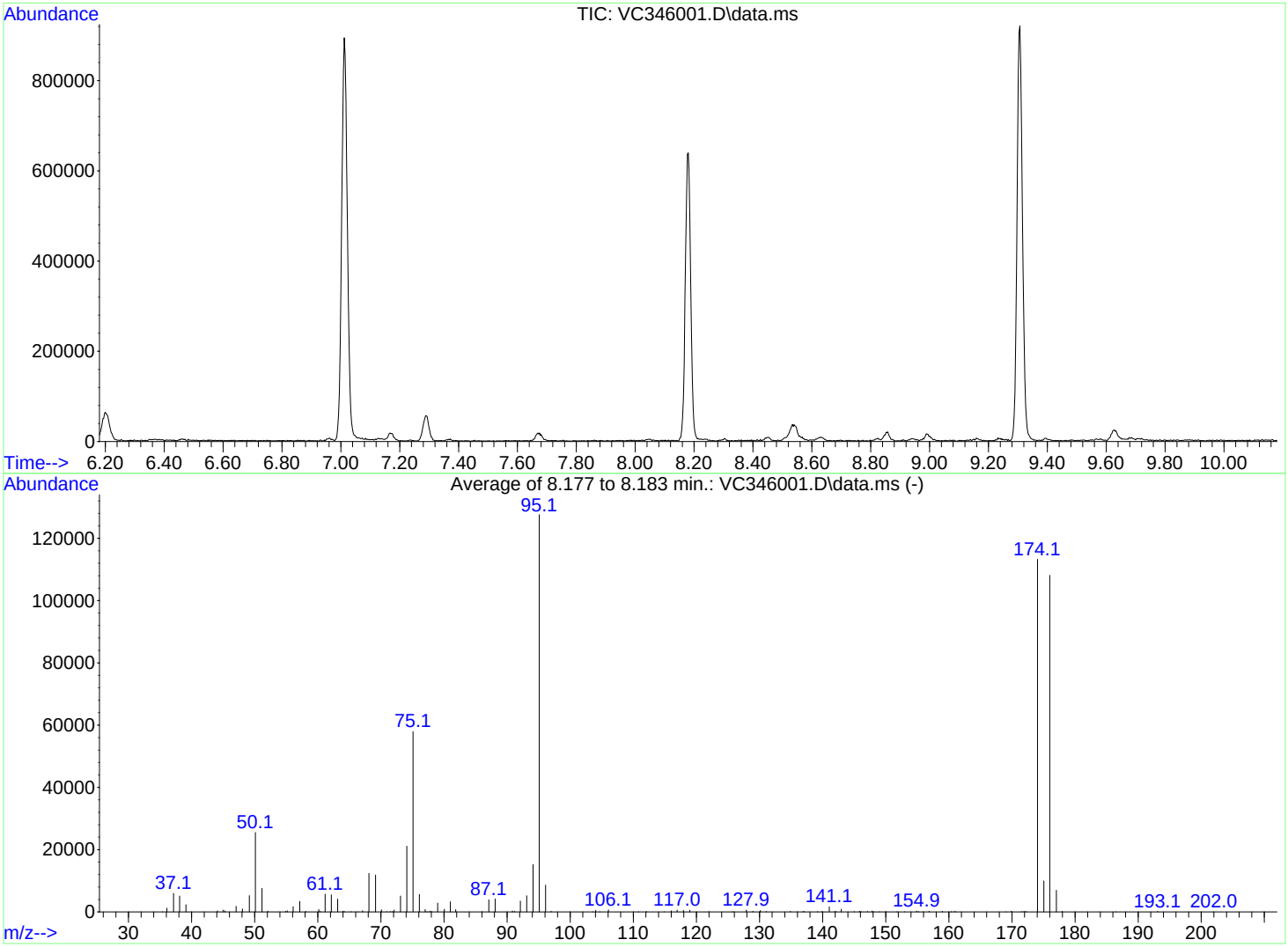
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	20	PASS
75	30 - 60% of 95	45.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.75	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	88.8	PASS
175	5 - 9% of 174	8.8	PASS
176	95 - 101% of 174	95.5	PASS
177	5 - 9% of 176	6.45	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
	S001575-CCV1	VC346002.D	12/12/2011	7:43:00
LCS	B042460-BS1	VC346004.D	12/12/2011	8:43:00
LCS Dup	B042460-BSD1	VC346005.D	12/12/2011	9:13:00
Blank	B042460-BLK1	VC346007.D	12/12/2011	10:14:00
TB-120111	11L0105-01	VC346011.D	12/12/2011	12:16:00
PW20-100	11L0105-02	VC346018.D	12/12/2011	15:48:00
PW20-125	11L0105-03	VC346019.D	12/12/2011	16:18:00
PW20-125D	11L0105-04	VC346020.D	12/12/2011	16:48:00
PW20-150	11L0105-05	VC346021.D	12/12/2011	17:19:00
PW20-175	11L0105-06	VC346022.D	12/12/2011	17:49:00

Data Path : Y:\1\DATA\121211\
Data File : VC346001.D
Acq On : 12 Dec 2011 7:11 am
Operator :
Sample : BFB
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2646, 2647, 2648; Background Corrected with Scan 2633

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	25525	PASS
75	95	30	60	45.4	57925	PASS
95	95	100	100	100.0	127611	PASS
96	95	5	9	6.8	8619	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.8	113272	PASS
175	174	5	9	8.8	9966	PASS
176	174	95	101	95.5	108141	PASS
177	176	5	9	6.4	6973	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.1735585	0.5	0.1615208	1	0.183608	2	0.1576183	5	0.2543982	10	0.2270566
Ethyl Methacrylate	0.4	0.3120944	0.5	0.3184248	1	0.3823829	2	0.3331603	5	0.5263728	10	0.3743926
Acetone	4	0.1554043	5	0.1675105	10	0.1595649	20	0.1407027	50	0.1655124	100	0.1378071
Acrolein	4	2.214989E-02	5	2.459122E-02	10	2.403438E-02	20	2.916116E-02	50	4.090153E-02	100	3.533886E-02
Acrylonitrile	0.4	0.232374	0.5	0.2593189	1	0.2441684	2	0.2291564	5	0.2954679	10	0.2290744
tert-Amyl Methyl Ether (TAME)	0.4	1.296146	0.5	1.316429	1	1.236643	2	1.164808	5	1.221491	10	1.163852
Benzene	0.4	2.298883	0.5	2.284467	1	2.138033	2	2.042247	5	2.188259	10	2.050384
Bromobenzene			0.5	1.37265	1	1.383101	2	1.257432	5	1.597306	10	1.362268
Bromochloromethane	0.4	0.4989273	0.5	0.5140464	1	0.577107	2	0.5001036	5	0.4921447	10	0.536249
Bromodichloromethane	0.4	0.4656298	0.5	0.4610418	1	0.5502508	2	0.5002065	5	0.7346128	10	0.5172008
Bromoform	0.4	0.4531623	0.5	0.4257268	1	0.4628235	2	0.4727172	5	0.5520071	10	0.5527317
Bromomethane	0.4	0.654953	0.5	0.9494891	1	0.7242521	2	0.6052736	5	0.6228465	10	0.4329208
2-Butanone (MEK)	4	0.2051417	5	0.2077306	10	0.2155445	20	0.2061988	50	0.1937696	100	0.2324402
tert-Butyl Alcohol (TBA)	4	4.416661E-02	5	4.418706E-02	10	3.408896E-02	20	0.041921	50	4.878132E-02	100	4.024843E-02
n-Butylbenzene	0.4	1.290612	0.5	1.431339	1	1.733816	2	1.813207	5	2.370621	10	2.708798
sec-Butylbenzene	0.4	3.250919	0.5	3.153298	1	3.204015	2	3.139867	5	3.312352	10	3.198559
tert-Butylbenzene	0.4	2.340633	0.5	2.424729	1	2.318174	2	2.291033	5	2.477728	10	2.253446
tert-Butyl Ethyl Ether (TBEE)	0.4	1.840793	0.5	1.781807	1	1.771781	2	1.687718	5	1.747137	10	1.889951
Carbon Disulfide	4	1.344041	5	1.334335	10	1.501464	20	1.377463	50	1.944044	100	1.535119
Carbon Tetrachloride	0.4	0.6591699	0.5	0.6683155	1	0.6780554	2	0.6432844	5	0.6546838	10	0.6825337
Chlorobenzene	0.4	2.40479	0.5	2.322348	1	2.321426	2	2.112926	5	2.271646	10	2.178357
Chlorodibromomethane	0.4	0.3026751	0.5	0.3169986	1	0.4198244	2	0.3612769	5	0.4376995	10	0.3975693
Chloroethane	0.4	0.4352297	0.5	0.4097312	1	0.4477762	2	0.3775452	5	0.455046	10	0.3571921
2-Chloroethyl Vinyl Ether	4	0.1987169	5	0.1868023	10	0.2081794	20	0.2025665	50	0.2201649	100	0.2106516
Chloroform	0.4	1.051787	0.5	1.083556	1	1.047931	2	1.010203	5	1.041699	10	1.063486
Chloromethane	0.4	0.6800326	0.5	0.7028423	1	0.7539428	2	0.6086337	5	0.7863645	10	0.5479636

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene											10	2.505747
4-Chlorotoluene	0.4	2.907023	0.5	2.813016	1	2.772317	2	2.478543	5	3.122606	10	2.856938
Cyclohexane									5	0.9701938	10	0.9659838
1,2-Dibromo-3-chloropropane (D					1	0.1127935	2	9.068737E-02	5	0.1138942	10	0.1228291
1,2-Dibromoethane (EDB)	0.4	0.3422364	0.5	0.3098678	1	0.3891904	2	0.2907898	5	0.4177158	10	0.3486287
Dibromomethane	0.4	0.2825805	0.5	0.290809	1	0.2692848	2	0.2254147	5	0.2645898	10	0.2504243
1,2-Dichlorobenzene	0.4	1.583283	0.5	1.468327	1	1.713749	2	1.640477	5	1.650722	10	2.014451
1,3-Dichlorobenzene	0.4	1.796368	0.5	1.774798	1	1.747895	2	1.591776	5	1.736705	10	1.741841
1,4-Dichlorobenzene	0.4	1.912262	0.5	1.640523	1	1.847095	2	1.657456	5	1.771126	10	1.721234
trans-1,4-Dichloro-2-butene	0.4	0.1781692	0.5	0.1692916	1	0.1630248	2	0.1620981	5	0.1872946	10	0.2057365
Dichlorodifluoromethane (Freon	0.4	0.7386254	0.5	0.6589491	1	0.6807728	2	0.5607948	5	0.7669342	10	0.5947683
1,1-Dichloroethane	0.4	1.114153	0.5	1.0033	1	1.103085	2	0.9944951	5	1.230178	10	1.102254
1,2-Dichloroethane	0.4	0.5656319	0.5	0.6275147	1	0.6836168	2	0.6414515	5	0.6223722	10	0.7705025
1,1-Dichloroethylene	0.4	0.8458238	0.5	0.8358076	1	0.9867381	2	0.8902491	5	1.170174	10	0.9508327
cis-1,2-Dichloroethylene	0.4	1.004513	0.5	0.9691401	1	1.098556	2	0.9251518	5	0.95463	10	1.005602
trans-1,2-Dichloroethylene	0.4	0.8458238	0.5	0.8302979	1	0.9633882	2	0.9091915	5	1.130531	10	0.9440044
Dichlorofluoromethane (Freon 2	0.4	1.106828	0.5	1.109635	1	1.207959	2	1.077741	5	1.467894	10	1.172882
1,2-Dichloropropane	0.4	0.3923159	0.5	0.4177381	1	0.4219131	2	0.385334	5	0.4179806	10	0.3672447
1,3-Dichloropropane	0.4	0.5201051	0.5	0.5415556	1	0.5946545	2	0.5330745	5	0.6155933	10	0.5524675
2,2-Dichloropropane	0.4	0.5395428	0.5	0.6304828	1	0.5213488	2	0.5024136	5	0.5495301	10	0.5898999
1,1-Dichloropropene	0.4	0.8629134	0.5	0.792649	1	0.7477027	2	0.7163238	5	0.8050607	10	0.7427891
cis-1,3-Dichloropropene	0.4	0.4989115	0.5	0.4297957	1	0.4878225	2	0.4549792	5	0.5848233	10	0.5023743
trans-1,3-Dichloropropene	0.4	0.3849374	0.5	0.3575797	1	0.3402225	2	0.3329498	5	0.4158092	10	0.3951977
Diethyl Ether	0.4	0.496042	0.5	0.4040379	1	0.5110829	2	0.4482326	5	0.5587803	10	0.4701855
Difluorochloromethane (Freon 2	0.4	0.7823482	0.5	0.8936584	1	0.8127204	2	0.7223719	5	1.011869	10	0.7284256
Diisopropyl Ether (DIPE)	0.4	1.967966	0.5	1.89604	1	2.056409	2	1.913347	5	2.143794	10	2.120368

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane							20	3.196582E-03	50	3.129956E-03	100	2.883196E-03
Ethyl Acetate	0.4	0.8074277	0.5	0.781997	1	0.4441529	2	0.4914514	5	0.43148	10	0.5309331
Ethylbenzene	0.4	3.725086	0.5	3.6431	1	3.853233	2	3.627565	5	3.979666	10	3.741184
Hexachlorobutadiene			0.5	0.2098054	1	0.273326	2	0.2986123	5	0.4582088	10	0.4050887
2-Hexanone (MBK)			5	0.1653449	10	0.2025554	20	0.1711961	50	0.2255704	100	0.2051464
Iodomethane	4	0.2550788	5	0.3616323	10	0.4641313	20	0.5443557	50	0.9388631	100	0.852968
Isopropylbenzene (Cumene)	0.4	2.804929	0.5	2.811351	1	2.875531	2	2.650841	5	3.135533	10	2.976234
p-Isopropyltoluene (p-Cymene)	0.4	2.269849	0.5	2.552166	1	2.596031	2	2.572897	5	2.783985	10	2.688827
Methyl Acetate	0.4	1.136791	0.5	1.224235	1	1.12865	2	1.071105	5	1.378108	10	1.144853
Methyl tert-Butyl Ether (MTBE)	0.4	1.490124	0.5	1.586951	1	1.6502	2	1.501739	5	1.979052	10	1.66911
Methyl Cyclohexane	0.4	0.5417696	0.5	0.5445376	1	0.5183017	2	0.4883885	5	0.5453855	10	0.4910804
Methylene Chloride							2	1.222769	5	1.324246	10	0.9459196
4-Methyl-2-pentanone (MIBK)	4	0.2962542	5	0.3052263	10	0.3156922	20	0.3061081	50	0.3561865	100	0.3112061
Naphthalene							2	0.1697205	5	0.7465285	10	1.081126
n-Propylbenzene	0.4	3.514642	0.5	3.51516	1	3.718995	2	3.382764	5	4.377785	10	3.981043
Styrene	0.4	2.193029	0.5	1.926317	1	2.330375	2	2.180467	5	2.496233	10	2.44184
1,1,1,2-Tetrachloroethane	0.4	0.776238	0.5	0.6804968	1	0.7299575	2	0.7027007	5	0.8311335	10	0.7424871
1,1,2,2-Tetrachloroethane	0.4	0.9488085	0.5	0.9743981	1	0.848982	2	0.7104886	5	0.9468581	10	0.8957271
Tetrachloroethylene	0.4	0.4403546	0.5	0.4760814	1	0.4775338	2	0.3874991	5	0.4548587	10	0.4053059
Tetrahydrofuran					1	0.138087	2	0.1680872	5	0.1343481	10	0.1475287
Toluene	0.4	1.651526	0.5	1.596273	1	1.878573	2	1.556883	5	2.092463	10	1.595684
1,2,3-Trichlorobenzene							2	0.1600729	5	0.4438378	10	0.6237953
1,2,4-Trichlorobenzene					1	7.816251E-02	2	0.2536159	5	0.665497	10	0.7236138
1,3,5-Trichlorobenzene	0.4	0.3069742	0.5	0.3235666	1	0.6123539	2	0.8168038	5	1.024979	10	1.292162
1,1,1-Trichloroethane	0.4	0.7619294	0.5	0.7673048	1	0.7992337	2	0.7668927	5	0.8752692	10	0.8379735
1,1,2-Trichloroethane	0.4	0.3584062	0.5	0.4017909	1	0.3707791	2	0.327988	5	0.4571183	10	0.3390347

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4828986	0.5	0.3549866	1	0.4349093	2	0.3850032	5	0.4684165	10	0.4081999
Trichlorofluoromethane (Freon 1	0.4	0.891544	0.5	0.8909036	1	0.8927343	2	0.8409401	5	1.121134	10	0.922392
1,2,3-Trichloropropane	0.4	0.6428581	0.5	0.7129675	1	0.6283839	2	0.6348153	5	0.6911527	10	0.659314
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.4802841	0.5	0.4464619	1	0.5480201	2	0.4935515	5	0.6326596	10	0.5259573
1,2,4-Trimethylbenzene	0.4	2.811546	0.5	2.773161	1	2.952051	2	2.99114	5	2.820034	10	2.853383
1,3,5-Trimethylbenzene	0.4	2.687687	0.5	2.479983	1	2.71892	2	2.539054	5	3.095009	10	2.867044
Vinyl Acetate	4	0.8337057	5	0.8375339	10	0.9012993	20	0.8889303	50	1.084857	100	1.089256
Vinyl Chloride	0.4	0.7874528	0.5	0.7763038	1	0.8165449	2	0.7121237	5	0.941758	10	0.6613329
m+p Xylene	0.8	2.911139	1	2.860057	2	2.891267	4	2.837578	10	3.264075	20	3.275482
o-Xylene	0.4	2.916573	0.5	2.683688	1	3.090014	2	2.768142	5	3.100238	10	3.025641
1,2-Dichloroethane-d4	25	0.5848671	25	0.5736273	25	0.5535758	25	0.5732572	25	0.5637676	25	0.5530933
Toluene-d8	25	1.16541	25	1.183067	25	1.245431	25	1.135472	25	1.241726	25	1.148661
4-Bromofluorobenzene	25	0.8989422	25	0.8792618	25	0.9286837	25	0.8140522	25	0.9974691	25	0.9579516

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene												
Ethyl Methacrylate	20	0.4365997	50	0.5028054	100	0.5207257						
Acetone	200	0.1857258	500	0.1795072								
Acrolein	200	0.0505898	500	4.917894E-02	1000	5.503758E-02						
Acrylonitrile	20	0.3187789	50	0.2683178	100	0.2889643						
tert-Amyl Methyl Ether (TAME)	20	1.3252	50	1.344232	100	1.500752	200	1.167222				
Benzene	20	2.129681	50	2.211424	100	2.21074	200	1.788023				
Bromobenzene	20	1.095612	50	1.198263	100	1.723847						
Bromochloromethane	20	0.5030887	50	0.4830379	100	0.4721613	200	0.4352615				
Bromodichloromethane	20	0.605502	50	0.6751782	100	0.6487815	200	0.4868702				
Bromoform	20	0.4875301										
Bromomethane	20	0.5552633	50	0.6211301	100	0.6864128						
2-Butanone (MEK)	200	0.2104967	500	0.1973787	1000	0.2289904	2000	0.1944682				
tert-Butyl Alcohol (TBA)												
n-Butylbenzene	20	2.411004	50	2.416923	100	2.200866	200	1.867141				
sec-Butylbenzene	20	4.152309	50	3.259998	100	3.393057	200	2.493507				
tert-Butylbenzene	20	2.596993	50	2.397583	100	2.282169	200	1.830731				
tert-Butyl Ethyl Ether (TBEE)	20	1.799295	50	1.650319	100	1.755201	200	1.608954				
Carbon Disulfide	200	2.208304	500	2.044101								
Carbon Tetrachloride	20	0.7498092	50	0.7610584	100	0.8117846	200	0.6451614				
Chlorobenzene	20	2.147495	50	2.382677	100	2.420243	200	1.799061				
Chlorodibromomethane												
Chloroethane	20	0.4893615	50	0.5056893	100	0.5321492						
2-Chloroethyl Vinyl Ether	200	0.2355335	500	0.2526967	1000	0.2583613						
Chloroform	20	1.059309	50	1.029284	100	1.00425	200	0.8573507				
Chloromethane	20	0.7625478	50	0.7458241	100	0.9070562						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.20288	50	2.132334	100	2.907891	200	2.044111				
4-Chlorotoluene	20	2.375731	50	2.676036	100	3.466228	200	2.319853				
Cyclohexane	20	0.8902721	50	0.8583454	100	0.8774456	200	0.7943506				
1,2-Dibromo-3-chloropropane (D	20	0.1631985	50	0.1344723								
1,2-Dibromoethane (EDB)	20	0.378893	50	0.4134853	100	0.4269205	200	0.3039543				
Dibromomethane	20	0.2690068	50	0.2903415	100	0.286537	200	0.2168938				
1,2-Dichlorobenzene	20	1.853946	50	1.69704	100	1.606448	200	1.308157				
1,3-Dichlorobenzene	20	1.869582	50	1.720756	100	1.670529	200	1.344767				
1,4-Dichlorobenzene	20	1.807305	50	1.789286	100	1.78242	200	1.376928				
trans-1,4-Dichloro-2-butene	20	0.1721061										
Dichlorodifluoromethane (Freon	20	0.7768882	50	0.6869432	100	0.6755002						
1,1-Dichloroethane	20	1.48275	50	0.982545	100	1.026374						
1,2-Dichloroethane	20	0.6230718	50	0.6739395	100	0.6571987	200	0.4992612				
1,1-Dichloroethylene	20	1.334423	50	1.253588	100	1.374544						
cis-1,2-Dichloroethylene	20	0.9698448	50	0.8848888	100	0.9169575	200	0.8209079				
trans-1,2-Dichloroethylene	20	1.28639	50	1.079231	100	1.061325						
Dichlorofluoromethane (Freon 2	20	1.634012	50	1.62392	100	1.719325						
1,2-Dichloropropane	20	0.4069014	50	0.4439664	100	0.4294892	200	0.3521903				
1,3-Dichloropropane	20	0.6123387	50	0.637619	100	0.6479616	200	0.4969883				
2,2-Dichloropropane	20	0.6239932	50	0.6127571	100	0.6597573	200	0.5732735				
1,1-Dichloropropene	20	0.7920294	50	0.7592248	100	0.776682	200	0.6496683				
cis-1,3-Dichloropropene	20	0.5999248										
trans-1,3-Dichloropropene	20	0.4948547										
Diethyl Ether	20	0.6334658	50	0.5967256								
Difluorochloromethane (Freon 2	20	0.9982189	50	0.9408431	100	0.9593559						
Diisopropyl Ether (DIPE)	20	2.42175	50	1.760607	100	1.808605	200	1.594777				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.002456E-03	500	3.134451E-03	1000	3.440139E-03	2000	2.466246E-03				
Ethyl Acetate	20	0.4612126	50	0.3737248	100	0.4486124	200	0.3780754				
Ethylbenzene	20	3.179224	50	3.987535	100	4.375435	200	3.129197				
Hexachlorobutadiene	20	0.3998459	50	0.3793502	100	0.4279586						
2-Hexanone (MBK)	200	0.2303786										
Iodomethane	200	1.307929	500	1.303821								
Isopropylbenzene (Cumene)	20	2.454155	50	2.427366	100	3.327298	200	2.483363				
p-Isopropyltoluene (p-Cymene)	20	2.803705	50	2.750884	100	2.741213	200	2.101775				
Methyl Acetate	20	1.49848	50	1.428729								
Methyl tert-Butyl Ether (MTBE)	20	2.217819	50	1.949134	100	2.032323						
Methyl Cyclohexane	20	0.5302617	50	0.5838687	100	0.5745839	200	0.4732418				
Methylene Chloride	20	1.200798	50	1.080326	100	1.185522						
4-Methyl-2-pentanone (MIBK)	200	0.3363144	500	0.3714068	1000	0.3923807	2000	0.2790742				
Naphthalene	20	1.510054	50	1.830972	100	2.238494	200	1.660524				
n-Propylbenzene	20	3.145963	50	3.721013	100	4.62515	200	3.303387				
Styrene	20	2.044374	50	1.986642	100	2.765132	200	2.01988				
1,1,1,2-Tetrachloroethane	20	0.6603687	50	0.848588	100	0.9071217	200	0.6759214				
1,1,2,2-Tetrachloroethane	20	0.7368084	50	1.012062								
Tetrachloroethylene	20	0.4623519	50	0.4819185	100	0.4759365	200	0.3417671				
Tetrahydrofuran	20	0.1221871	50	0.1241049	100	0.1363181	200	0.1243058				
Toluene	20	1.77158	50	1.821754	100	1.817141	200	1.37208				
1,2,3-Trichlorobenzene	20	0.7005352	50	0.7635543	100	0.8882298						
1,2,4-Trichlorobenzene	20	0.8721403	50	0.9213869	100	0.9691781						
1,3,5-Trichlorobenzene	20	1.337953	50	1.120846	100	1.194302						
1,1,1-Trichloroethane	20	0.8926559	50	0.908418	100	0.9364687	200	0.7634756				
1,1,2-Trichloroethane	20	0.378304	50	0.3986245	100	0.4092153	200	0.3036339				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.431906	50	0.4607443	100	0.4461909	200	0.3420923				
Trichlorofluoromethane (Freon 1												
1,2,3-Trichloropropane	20	0.5629586	50	0.7568638								
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.7261588	50	0.6917626	100	0.7725343						
1,2,4-Trimethylbenzene	20	3.046245	50	3.027988	100	2.932644	200	2.317608				
1,3,5-Trimethylbenzene	20	2.524404	50	2.557343	100	3.65494	200	2.338969				
Vinyl Acetate	200	1.309281										
Vinyl Chloride	20	0.8685301	50	0.9160032	100	1.052594						
m+p Xylene	40	2.36008	100	2.895467	200	3.157614	400	2.363743				
o-Xylene	20	2.502072	50	2.418859	100	3.380775	200	2.438732				
1,2-Dichloroethane-d4	25	0.5438173	25	0.5619795	25	0.5501465	25	0.5731934				
Toluene-d8	25	1.215295	25	1.286152	25	1.214235	25	1.21729				
4-Bromofluorobenzene	25	0.6827094	25	0.7843039	25	0.9829861	25	0.9228368				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.1929601	20.3	0.9915423		0.995	*
Ethyl Methacrylate	0.4118843	21.2	0.9985879		0.995	
Acetone	0.1614669	10.5			15	
Acrolein	3.677593E-02	34.4	0.9971956		0.995	
Acrylonitrile	0.2628468	12.4			15	
tert-Amyl Methyl Ether (TAME)	1.273677	8.3			15	
Benzene	2.134214	7.0			15	
Bromobenzene	1.37381	14.9			15	
Bromochloromethane	0.5012127	7.5			15	
Bromodichloromethane	0.5645274	17.0	0.976105		0.995	*
Bromoform	0.4866712	10.0			15	
Bromomethane	0.6502824	21.5	0.9963807		0.995	
2-Butanone (MEK)	0.2092159	6.4			15	
tert-Butyl Alcohol (TBA)	4.223223E-02	11.6			15	
n-Butylbenzene	2.024433	23.1	0.9907136		0.995	*
sec-Butylbenzene	3.255788	12.3			15	
tert-Butylbenzene	2.321322	8.7			15	
tert-Butyl Ethyl Ether (TBEE)	1.753296	4.9			15	
Carbon Disulfide	1.661109	21.0	0.9961002		0.995	
Carbon Tetrachloride	0.6953856	8.3			15	
Chlorobenzene	2.236097	8.4			15	
Chlorodibromomethane	0.372674	14.8			15	
Chloroethane	0.4455245	13.0			15	
2-Chloroethyl Vinyl Ether	0.219297	11.2			15	
Chloroform	1.024886	6.2			15	
Chloromethane	0.7216897	14.4			15	
2-Chlorotoluene	2.358593	15.0			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.778829	12.5			15	
Cyclohexane	0.8927652	7.5			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1229792	19.8	0.99008		0.995	*
1,2-Dibromoethane (EDB)	0.3621682	13.9			15	
Dibromomethane	0.2645882	9.9			15	
1,2-Dichlorobenzene	1.65366	11.7			15	
1,3-Dichlorobenzene	1.699502	8.5			15	
1,4-Dichlorobenzene	1.730563	8.6			15	
trans-1,4-Dichloro-2-butene	0.1768173	8.7			15	
Dichlorodifluoromethane (Freon 12)	0.6822418	10.7			15	
1,1-Dichloroethane	1.115459	14.2			15	
1,2-Dichloroethane	0.6364561	11.3			15	
1,1-Dichloroethylene	1.071353	19.9	0.9979253		0.995	
cis-1,2-Dichloroethylene	0.9550192	7.9			15	
trans-1,2-Dichloroethylene	1.005576	14.7			15	
Dichlorofluoromethane (Freon 21)	1.346688	19.4	0.998794		0.995	
1,2-Dichloropropane	0.4035074	7.1			15	
1,3-Dichloropropane	0.5752358	9.2			15	
2,2-Dichloropropane	0.5802999	8.9			15	
1,1-Dichloropropene	0.7645043	7.5			15	
cis-1,3-Dichloropropene	0.5083759	12.4			15	
trans-1,3-Dichloropropene	0.388793	14.3			15	
Diethyl Ether	0.5148191	15.0			15	
Difluorochloromethane (Freon 22)	0.8722013	13.0			15	
Diisopropyl Ether (DIPE)	1.968366	11.8			15	
1,4-Dioxane	3.036147E-03	10.0			15	
Ethyl Acetate	0.5149067	30.1	0.9929144		0.995	*

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.724122	10.0			15	
Hexachlorobutadiene	0.3565245	24.2	0.9970728		0.995	
2-Hexanone (MBK)	0.200032	13.5			15	
Iodomethane	0.7535974	54.6	0.9959532		0.995	
Isopropylbenzene (Cumene)	2.79466	10.7			15	
p-Isopropyltoluene (p-Cymene)	2.586133	9.0			15	
Methyl Acetate	1.251369	12.9			15	
Methyl tert-Butyl Ether (MTBE)	1.786272	14.7			15	
Methyl Cyclohexane	0.5291419	6.9			15	
Methylene Chloride	1.15993	11.3			15	
4-Methyl-2-pentanone (MIBK)	0.3269849	11.0			15	
Naphthalene	1.319631	53.3	0.9725041		0.995	*
n-Propylbenzene	3.72859	12.7			15	
Styrene	2.238429	12.0			15	
1,1,1,2-Tetrachloroethane	0.7555013	11.0			15	
1,1,2,2-Tetrachloroethane	0.8842666	12.5			15	
Tetrachloroethylene	0.4403607	10.7			15	
Tetrahydrofuran	0.1368709	11.2			15	
Toluene	1.715396	11.8			15	
1,2,3-Trichlorobenzene	0.5966709	43.6	0.9962805		0.995	
1,2,4-Trichlorobenzene	0.6405135	53.9	0.9995467		0.995	
1,3,5-Trichlorobenzene	0.8922156	44.7	0.9981785		0.995	
1,1,1-Trichloroethane	0.8309621	8.2			15	
1,1,2-Trichloroethane	0.3744895	12.0			15	
Trichloroethylene	0.4215348	11.4			15	
Trichlorofluoromethane (Freon 11)	0.926608	10.7			15	
1,2,3-Trichloropropane	0.6611642	8.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5908211	20.0	0.9973037		0.995	
1,2,4-Trimethylbenzene	2.85258	7.4			15	
1,3,5-Trimethylbenzene	2.746335	14.0			15	
Vinyl Acetate	0.9921233	17.8	0.9935081		0.995	*
Vinyl Chloride	0.8369604	14.5			15	
m+p Xylene	2.88165	11.1			15	
o-Xylene	2.832473	11.4			15	
1,2-Dichloroethane-d4	0.5631325	2.3			15	
Toluene-d8	1.205274	3.9			15	
4-Bromofluorobenzene	0.8849197	11.1			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001555	Instrument:	GCMSVOA3
Calibration:	1100098		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1110119	0.4ppb 8260 Calibration Standard	S001555-CAL1	VC341005.D	12/07/11 13:12
1110120	0.5ppb 8260 Calibration Standard	S001555-CAL2	VC341006.D	12/07/11 13:42
1110121	1ppb 8260 Calibration Standard	S001555-CAL3	VC341007.D	12/07/11 14:12
1110122	2ppb 8260 Calibration Standard	S001555-CAL4	VC341008.D	12/07/11 14:43
1110123	5ppb 8260 Calibration Standard	S001555-CAL5	VC341009.D	12/07/11 15:13
1110125	10ppb 8260 Calibration Standard	S001555-CAL6	VC341010.D	12/07/11 15:43
1110126	20ppb 8260 Calibration Standard	S001555-CAL7	VC341011.D	12/07/11 16:13
1110127	50ppb 8260 Calibration Standard	S001555-CAL8	VC341012.D	12/07/11 16:44
1110128	100ppb 8260 Calibration Standard	S001555-CAL9	VC341013.D	12/07/11 17:14
1110129	200ppb 8260 Calibration Standard	S001555-CALA	VC341014.D	12/07/11 17:44

Y:\1\DATA\120711\

Date	Filename	Lab ID	Sample Info
7 Dec 2011	11:10 am	VC341001.D	CLEAN UP
7 Dec 2011	11:41 am	VC341002.D	CLEAN UP
7 Dec 2011	12:11 pm	VC341003.D	CLEAN UP
7 Dec 2011	12:41 pm	VC341004.D	BFB
7 Dec 2011	1:12 pm	VC341005.D	8260 STD 0.4 PPB
7 Dec 2011	1:42 pm	VC341006.D	8260 STD 0.5 PPB
7 Dec 2011	2:12 pm	VC341007.D	8260 STD 1.0 PPB
7 Dec 2011	2:43 pm	VC341008.D	8260 STD 2.0 PPB
7 Dec 2011	3:13 pm	VC341009.D	8260 STD 5.0 PPB
7 Dec 2011	3:43 pm	VC341010.D	8260 STD 10 PPB
7 Dec 2011	4:13 pm	VC341011.D	8260 STD 20 PPB
7 Dec 2011	4:44 pm	VC341012.D	8260 STD 50 PPB
7 Dec 2011	5:14 pm	VC341013.D	8260 STD 100 PPB
7 Dec 2011	5:44 pm	VC341014.D	8260 STD 200 PPB
7 Dec 2011	6:15 pm	VC341015.D	CLEAN UP
7 Dec 2011	6:45 pm	VC341016.D	CLEAN UP
7 Dec 2011	7:15 pm	VC341017.D	B042284-BS1
7 Dec 2011	7:45 pm	VC341018.D	B042284-BSD1
7 Dec 2011	8:16 pm	VC341019.D	CLEAN UP
7 Dec 2011	8:46 pm	VC341020.D	B042284-BLK1
7 Dec 2011	9:16 pm	VC341021.D	11L0095-01 @ TB
7 Dec 2011	9:47 pm	VC341022.D	11L0095-02
7 Dec 2011	10:17 pm	VC341023.D	11L0095-03
7 Dec 2011	10:47 pm	VC341024.D	11L0095-04
7 Dec 2011	11:18 pm	VC341025.D	11L0095-05
7 Dec 2011	11:48 pm	VC341026.D	11L0095-06
8 Dec 2011	12:18 am	VC341027.D	CLEAN UP
8 Dec 2011	12:49 am	VC341028.D	CLEAN UP
8 Dec 2011	1:19 am	VC341029.D	11L0150-01 TB LOT CHECK
8 Dec 2011	1:50 am	VC341030.D	BFB
8 Dec 2011	2:20 am	VC341031.D	8260STD 10PPB
8 Dec 2011	2:51 am	VC341032.D	B0-BS1 RCP
8 Dec 2011	3:21 am	VC341033.D	B0-BS1
8 Dec 2011	3:52 am	VC341034.D	B0-BSD1

Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC341005.D 0.5 =VC341006.D 1.0 =VC341007.D 2.0 =VC341008.D 5.0 =VC341009.D 10 =VC341014.D 20 =VC341011.D
50 =VC341012.D 100 =VC341013.D 200 =VC341014.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.585	0.574	0.554	0.573	0.564	0.553	0.544	0.562	0.550	0.573	0.563	2.31
3)		DICHLORODIFLUO...	0.739	0.659	0.681	0.561	0.767	0.595	0.777	0.687	0.676		0.682	10.66
4)		DIFLUOROCHLORO...	0.782	0.894	0.813	0.722	1.012	0.728	0.998	0.941	0.959		0.872	13.00
5)	P	CHLOROMETHANE	0.680	0.703	0.754	0.609	0.786	0.548	0.763	0.746	0.907		0.722	14.44
6)	C	VINYL CHLORIDE	0.787	0.776	0.817	0.712	0.942	0.661	0.869	0.916	1.053		0.837	14.49#
7)		BROMOMETHANE	0.655	0.949	0.724	0.605	0.623	0.433	0.555	0.621	0.686		0.650	21.49
8)		CHLOROETHANE	0.435	0.410	0.448	0.378	0.455	0.357	0.489	0.506	0.532		0.446	13.03
9)		FLUORODICHLORO...	1.107	1.110	1.208	1.078	1.468	1.173	1.634	1.624	1.719		1.347	19.44
10)		TRICHLOROFLUOR...	0.892	0.891	0.893	0.841	1.121	0.922					0.927	10.67
11)		ETHANOL					0.007	0.004	0.006				0.006	22.92
12)		DI ETHYL ETHER	0.496	0.404	0.511	0.448	0.559	0.470	0.633	0.597			0.515	15.01
13)		ACROLEIN	0.022	0.025	0.024	0.029	0.041	0.035	0.051	0.049	0.055		0.037	34.39
14)		ACETONE	0.155	0.168	0.160	0.141	0.166	0.138	0.186	0.180			0.161	10.46
15)	C	1,1-DICHLOROET...	0.846	0.836	0.987	0.890	1.170	0.951	1.334	1.254	1.375		1.071	19.94#
16)		1,1,2-TRICL-1,...	0.480	0.446	0.548	0.494	0.633	0.526	0.726	0.692	0.773		0.591	20.01
17)		IODOMETHANE	0.255	0.362	0.464	0.544	0.939	0.853	1.308	1.304			0.754	54.57
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	1.137	1.224	1.129	1.071	1.378	1.145	1.498	1.429			1.251	12.86
21)		T-BUTYL ALCOHOL	0.044	0.044	0.034	0.042	0.049	0.040					0.042	11.64
22)		ACRYLONITRILE	0.232	0.259	0.244	0.229	0.295	0.229	0.319	0.268	0.289		0.263	12.38
23)		METHYLENE CHLO...			1.223	1.324	0.946	1.201	1.080	1.186			1.160	11.27
24)		CARBON DISULFIDE	1.344	1.334	1.501	1.377	1.944	1.535	2.208	2.044			1.661	21.04
25)		METHYL TERT-BU...	1.490	1.587	1.650	1.502	1.979	1.669	2.218	1.949	2.032		1.786	14.69
26)		TRANS 1,2-DICH...	0.846	0.830	0.963	0.909	1.131	0.944	1.286	1.079	1.061		1.006	14.67
27)	P	1,1-DICHLOROET...	1.114	1.003	1.103	0.994	1.230	1.102	1.483	0.983	1.026		1.115	14.22
28)		VINYL ACETATE	0.834	0.838	0.901	0.889	1.085	1.089	1.309				0.992	17.77
29)		DI ISOPROYL ETHER	1.968	1.896	2.056	1.913	2.144	2.120	2.422	1.761	1.809	1.595	1.968	11.78
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.205	0.208	0.216	0.206	0.194	0.232	0.210	0.197	0.229	0.194	0.209	6.37
32)		T-BUTYL ETHYL ...	1.841	1.782	1.772	1.688	1.747	1.890	1.799	1.650	1.755	1.609	1.753	4.86
33)		CIS-1,2-DICHLO...	1.005	0.969	1.099	0.925	0.955	1.006	0.970	0.885	0.917	0.821	0.955	7.90
34)		2,2-DICHLOROPR...	0.540	0.630	0.521	0.502	0.550	0.590	0.624	0.613	0.660	0.573	0.580	8.91
35)		ETHYL ACETATE	0.807	0.782	0.444	0.491	0.431	0.531	0.461	0.374	0.449	0.378	0.515	30.06
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.499	0.514	0.577	0.500	0.492	0.536	0.503	0.483	0.472	0.435	0.501	7.51
39)		TETRAHYDROFURAN			0.138	0.168	0.134	0.148	0.122	0.124	0.136	0.124	0.137	11.16
40)	C	CHLOROFORM	1.052	1.084	1.048	1.010	1.042	1.063	1.059	1.029	1.004	0.857	1.025	6.20#
41)		1,1,1-TRICHLOR...	0.762	0.767	0.799	0.767	0.875	0.838	0.893	0.908	0.936	0.763	0.831	8.17
42)		CYCLOHEXANE					0.970	0.966	0.890	0.858	0.877	0.794	0.893	7.51
43)		CARBON TETRACH...	0.659	0.668	0.678	0.643	0.655	0.683	0.750	0.761	0.812	0.645	0.695	8.33

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44)		1,1-DICHLOROPR...	0.863	0.793	0.748	0.716	0.805	0.743	0.792	0.759	0.777	0.650	0.765	7.47
45)		BENZENE	2.299	2.284	2.138	2.042	2.188	2.050	2.130	2.211	2.211	1.788	2.134	6.98
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.296	1.316	1.237	1.165	1.221	1.164	1.325	1.344	1.501	1.167	1.274	8.31
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.165	1.183	1.245	1.135	1.242	1.149	1.215	1.286	1.214	1.217	1.205	3.91
50)		1,2-DICHLOROET...	0.566	0.628	0.684	0.641	0.622	0.771	0.623	0.674	0.657	0.499	0.636	11.28
51)		TRICHLOROETHENE	0.483	0.355	0.435	0.385	0.468	0.408	0.432	0.461	0.446	0.342	0.422	11.36
52)		METHYLCYCLOHEXANE	0.542	0.545	0.518	0.488	0.545	0.491	0.530	0.584	0.575	0.473	0.529	6.92
53)	C	1,2-DICHLOROPR...	0.392	0.418	0.422	0.385	0.418	0.367	0.407	0.444	0.429	0.352	0.404	7.14#
54)		DIBROMOMETHANE	0.283	0.291	0.269	0.225	0.265	0.250	0.269	0.290	0.287	0.217	0.265	9.93
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE				0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	10.03
57)		BROMODICHLOROM...	0.466	0.461	0.550	0.500	0.735	0.517	0.606	0.675	0.649		0.573	17.04
58)		2-CHLOROETHYLV...	0.199	0.187	0.208	0.203	0.220	0.211	0.236	0.253	0.258	0.196	0.217	11.23
59)		MIBK	0.296	0.305	0.316	0.306	0.356	0.311	0.336	0.371	0.392	0.279	0.327	11.03
60)		CIS-1,3-DICHLO...	0.499	0.430	0.488	0.455	0.585	0.502	0.600				0.508	12.39
61)	C	TOLUENE	1.652	1.596	1.879	1.557	2.092	1.596	1.772	1.822	1.817	1.372	1.715	11.81#
62)		TRANS-1,3,-DIC...	0.385	0.358	0.340	0.333	0.416	0.395	0.495				0.389	14.28
63)		ETHYL METHACRY...	0.312	0.318	0.382	0.333	0.526	0.374	0.437	0.503	0.521		0.412	21.20
64)		1,1,2-TRICHLOR...	0.358	0.402	0.371	0.328	0.457	0.339	0.378	0.399	0.409	0.304	0.374	11.97
65)		2-HEXANONE		0.165	0.203	0.171	0.226	0.205	0.230				0.200	13.49
66)		TETRACHLOROETHENE	0.440	0.476	0.478	0.387	0.455	0.405	0.462	0.482	0.476	0.342	0.440	10.73
67)		1,3-DICHLOROPR...	0.520	0.542	0.595	0.533	0.616	0.552	0.612	0.638	0.648	0.497	0.575	9.19
68)		DIBROMOCHLOROM...	0.303	0.317	0.420	0.361	0.438	0.398					0.373	14.80
69)		1,2-DIBROMOETHANE	0.342	0.310	0.389	0.291	0.418	0.349	0.379	0.413	0.427	0.304	0.362	13.87
70)		CHLOROBENZENE-D5 ...	----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.899	0.879	0.929	0.814	0.997	0.958	0.683	0.784	0.983	0.923	0.885	11.13
72)	T	CHLOROBENZENE	2.405	2.322	2.321	2.113	2.272	2.178	2.147	2.383	2.420	1.799	2.236	8.40
73)		1,1,1,2-TETRAC...	0.776	0.680	0.730	0.703	0.831	0.742	0.660	0.849	0.907	0.676	0.756	11.02
74)	C	ETHYLBENZENE	3.725	3.643	3.853	3.628	3.980	3.741	3.179	3.988	4.375	3.129	3.724	9.98#
75)		M/P-XYLENES	2.911	2.860	2.891	2.838	3.264	3.275	2.360	2.895	3.158	2.364	2.882	11.10
76)		0-XYLENE	2.917	2.684	3.090	2.768	3.100	3.026	2.502	2.419	3.381	2.439	2.832	11.44
77)		STYRENE	2.193	1.926	2.330	2.180	2.496	2.442	2.044	1.987	2.765	2.020	2.238	11.96
78)	P	BROMOFORM	0.453	0.426	0.463	0.473	0.552	0.553	0.488				0.487	10.01
79)		ISOPROPYLBENZENE	2.805	2.811	2.876	2.651	3.136	2.976	2.454	2.427	3.327	2.483	2.795	10.72
80)		CIS-1,4-DICHLO...	0.174	0.162	0.184	0.158	0.254	0.227					0.193	20.26
81)	P	1,1,2,2-TETRAC...	0.949	0.974	0.849	0.710	0.947	0.896	0.737	1.012			0.884	12.52
82)		1,4-DICHLORO-2...	0.178	0.169	0.163	0.162	0.187	0.206	0.172				0.177	8.74
83)		BROMOBENZENE		1.373	1.383	1.257	1.597	1.362	1.096	1.198	1.724		1.374	14.93
84)		1,2,3-TRICHLOR...	0.643	0.713	0.628	0.635	0.691	0.659	0.563	0.757			0.661	8.95
85)		N-PROPYLBENZENE	3.515	3.515	3.719	3.383	4.378	3.981	3.146	3.721	4.625	3.303	3.729	12.71
86)		2-CHLOROT0LUENE						2.506	2.203	2.132	2.908	2.044	2.359	14.96
87)		1,3,5-TRIMETHY...	2.688	2.480	2.719	2.539	3.095	2.867	2.524	2.557	3.655	2.339	2.746	14.00
88)		4-CHLOROTOLUENE	2.907	2.813	2.772	2.479	3.123	2.857	2.376	2.676	3.466	2.320	2.779	12.51
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.341	2.425	2.318	2.291	2.478	2.253	2.597	2.398	2.282	1.831	2.321	8.68
91)		1,2,4-TRIMETHY...	2.812	2.773	2.952	2.991	2.820	2.853	3.046	3.028	2.933	2.318	2.853	7.38
92)		SEC-BUTYLBENZENE	3.251	3.153	3.204	3.140	3.312	3.199	4.152	3.260	3.393	2.494	3.256	12.27
93)		1,3-DICHLOROBE...	1.796	1.775	1.748	1.592	1.737	1.742	1.870	1.721	1.671	1.345	1.700	8.51

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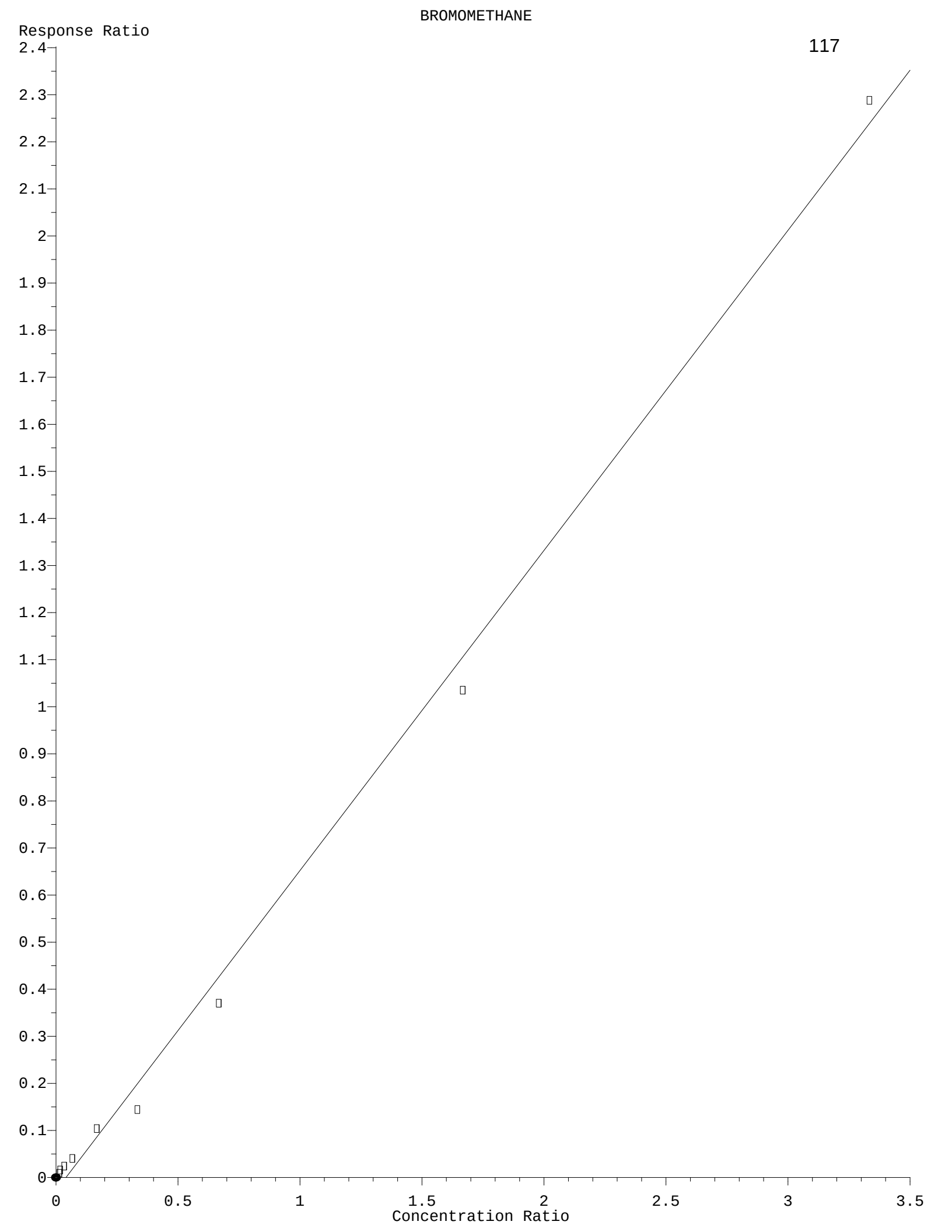
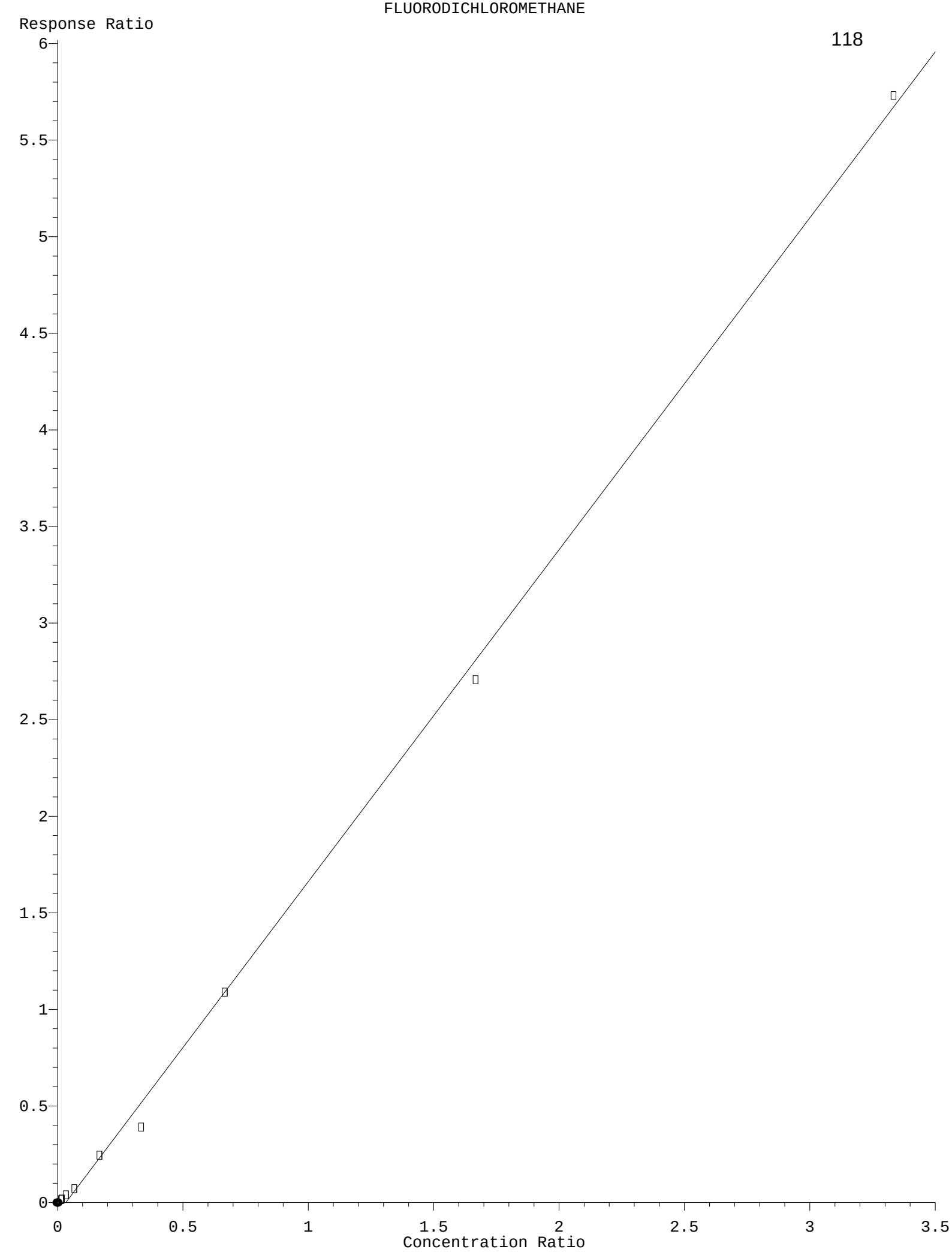
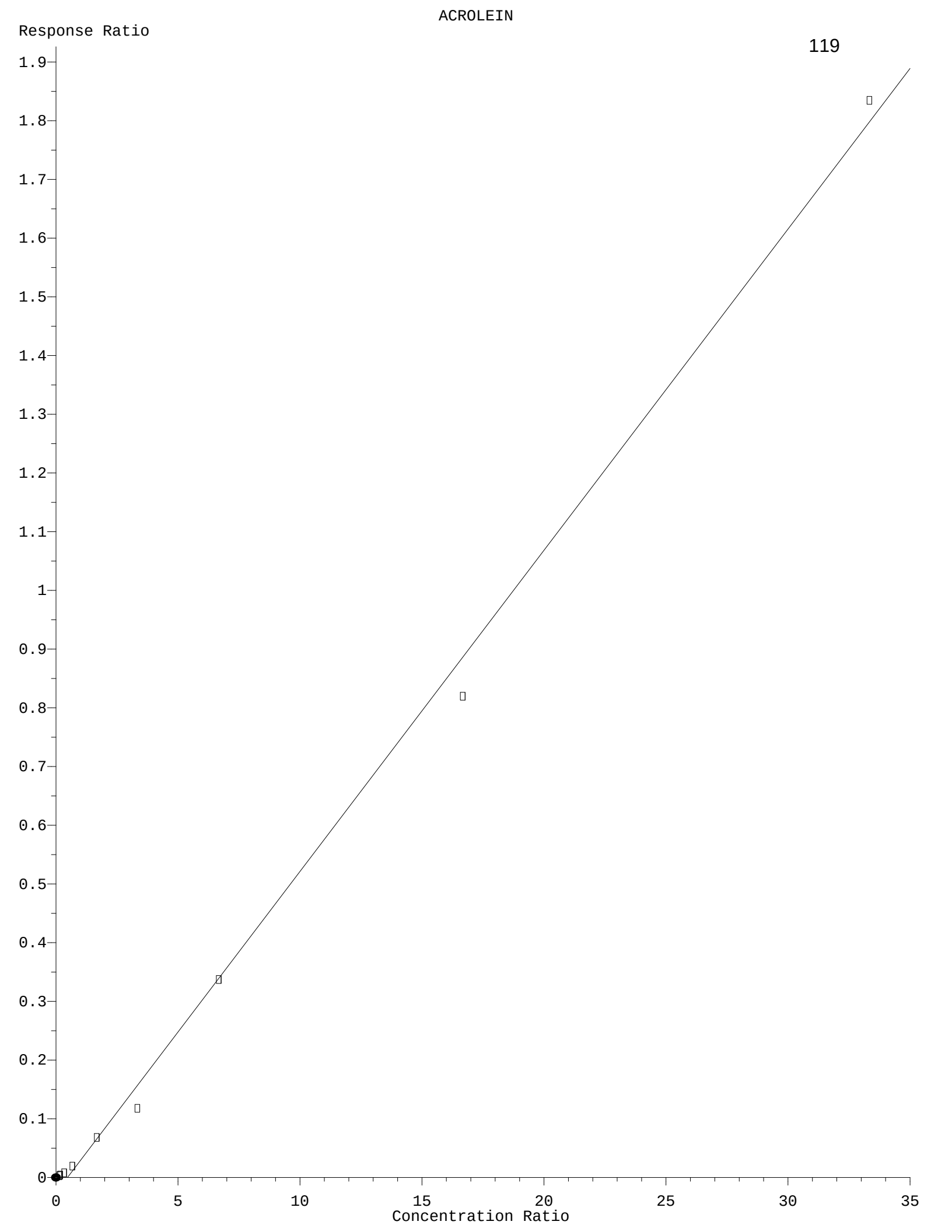
94)	P-ISOPROPYLTOL...	2.270	2.552	2.596	2.573	2.784	2.689	2.804	2.751	2.741	2.102	2.586	8.97
95)	1,4-DICHLOROBE...	1.912	1.641	1.847	1.657	1.771	1.721	1.807	1.789	1.782	1.377	1.731	8.59
96)	N-BUTYLBENZENE	1.291	1.431	1.734	1.813	2.371	2.709	2.411	2.417	2.201	1.867	2.024	23.09
97)	1,2-DICHLOROBE...	1.583	1.468	1.714	1.640	1.651	2.014	1.854	1.697	1.606	1.308	1.654	11.70
98)	1,2-DIBROMO-3-...			0.113	0.091	0.114	0.123	0.163	0.134			0.123	19.85
99)	1,3,5-TRICHLOR...	0.307	0.324	0.612	0.817	1.025	1.292	1.338	1.121	1.194		0.892	44.65
100)	1,2,4-TRICHLOR...			0.078	0.254	0.665	0.724	0.872	0.921	0.969		0.641	53.86
101)	HEXACHLOROBUTA...		0.210	0.273	0.299	0.458	0.405	0.400	0.379	0.428		0.357	24.18
102)	NAPHTHALENE				0.170	0.747	1.081	1.510	1.831	2.238		1.263	59.58
103)	1,2,3-TRICHLOR...				0.160	0.444	0.624	0.701	0.764	0.888		0.597	43.60

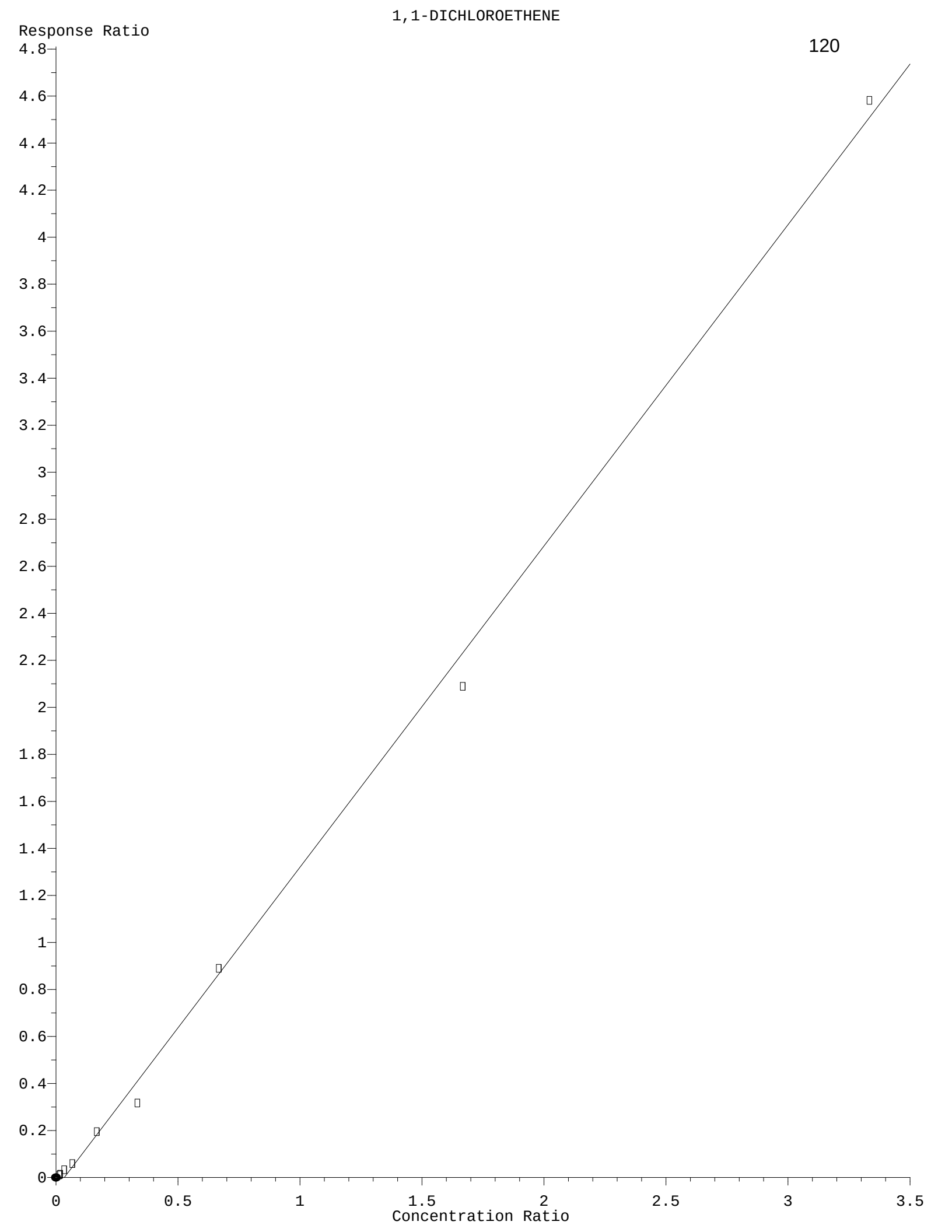
(#) = Out of Range

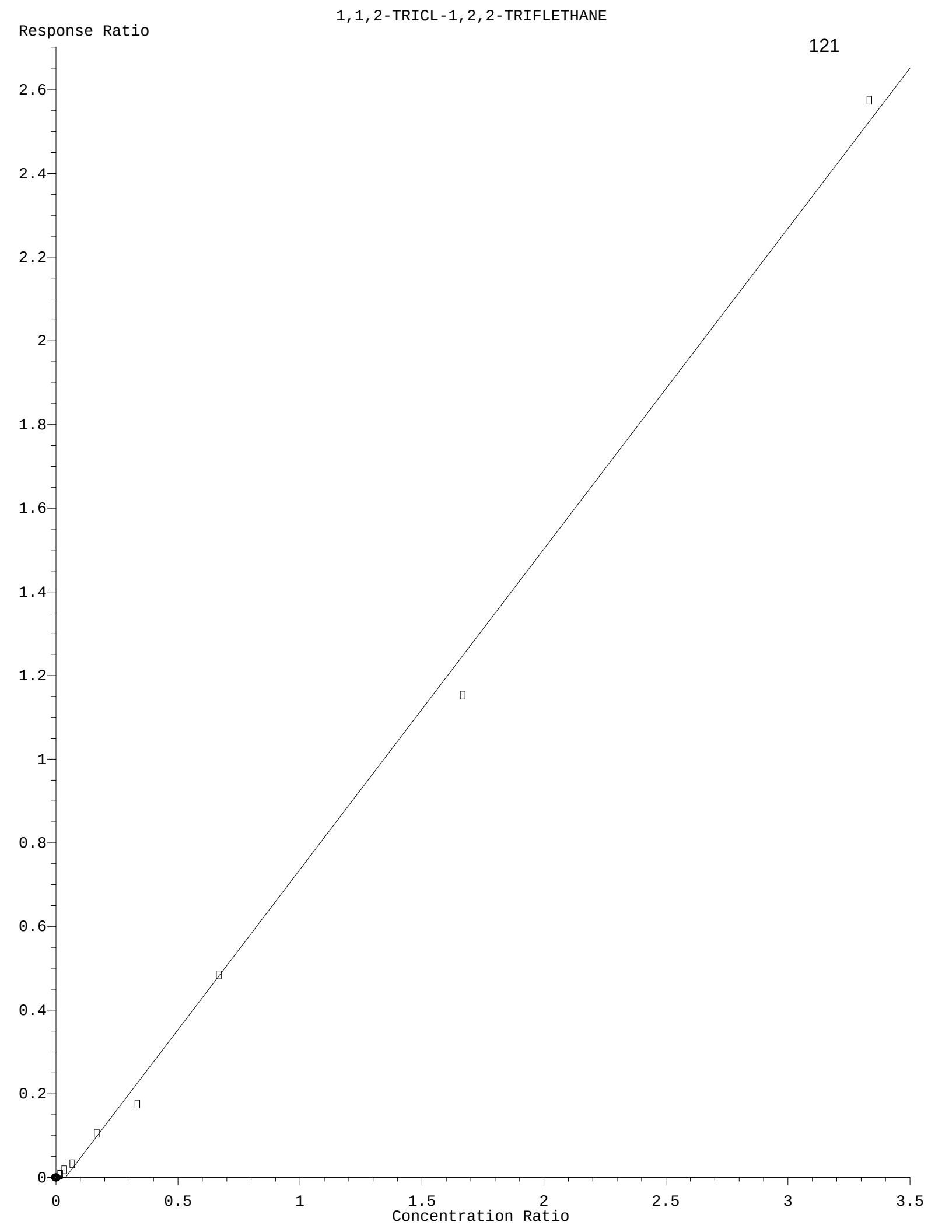

BROMOMETHANE
Response Ratio
117
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

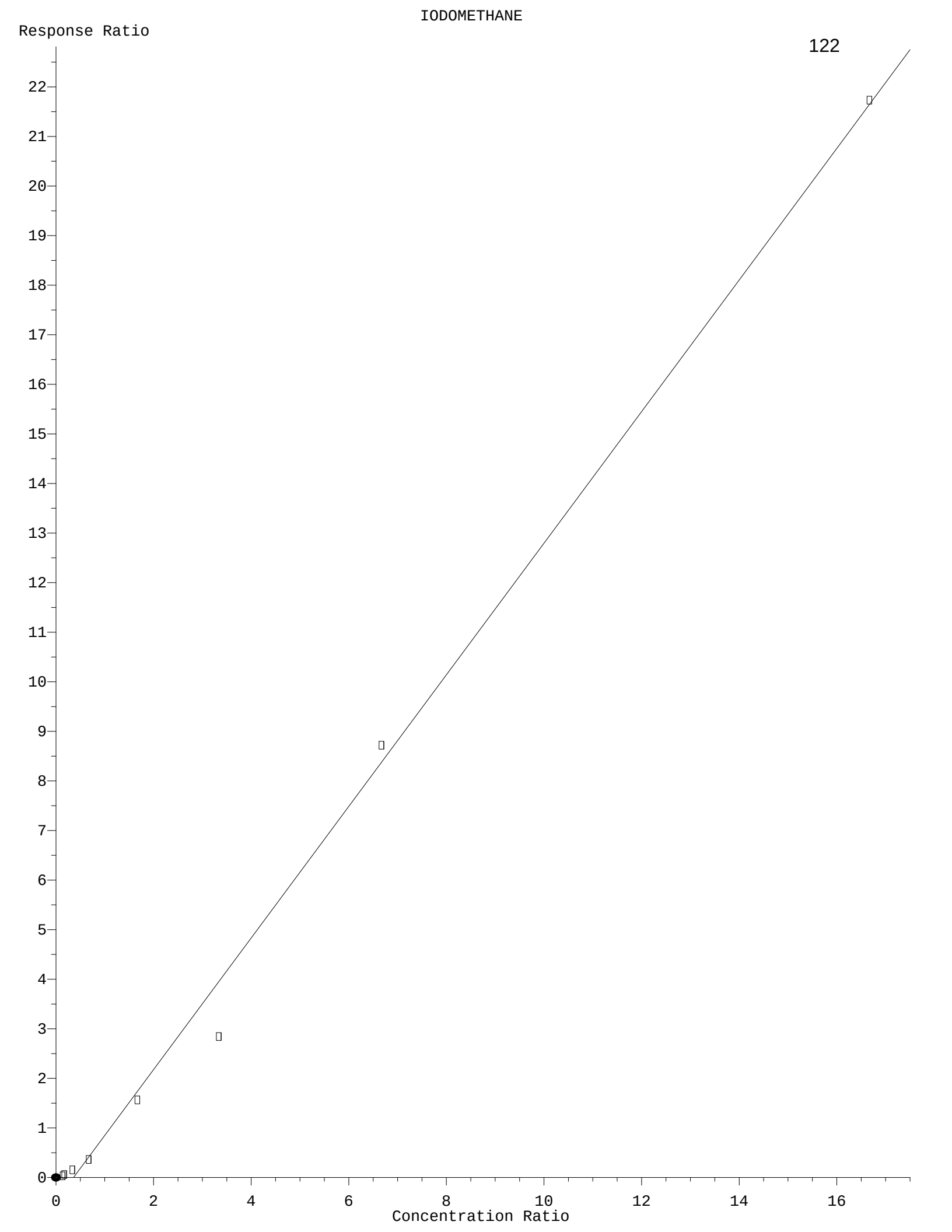
FLUORODICHLOROMETHANE

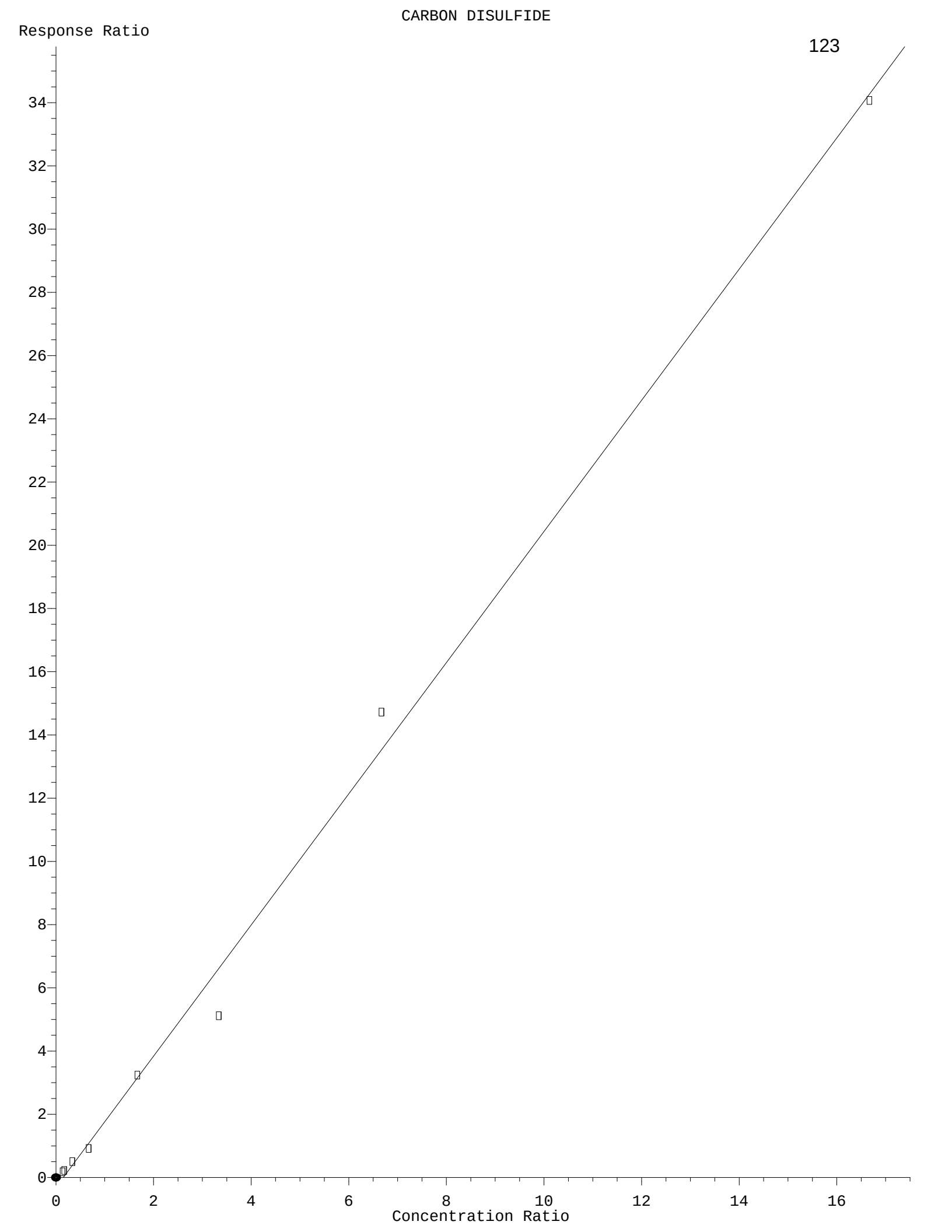


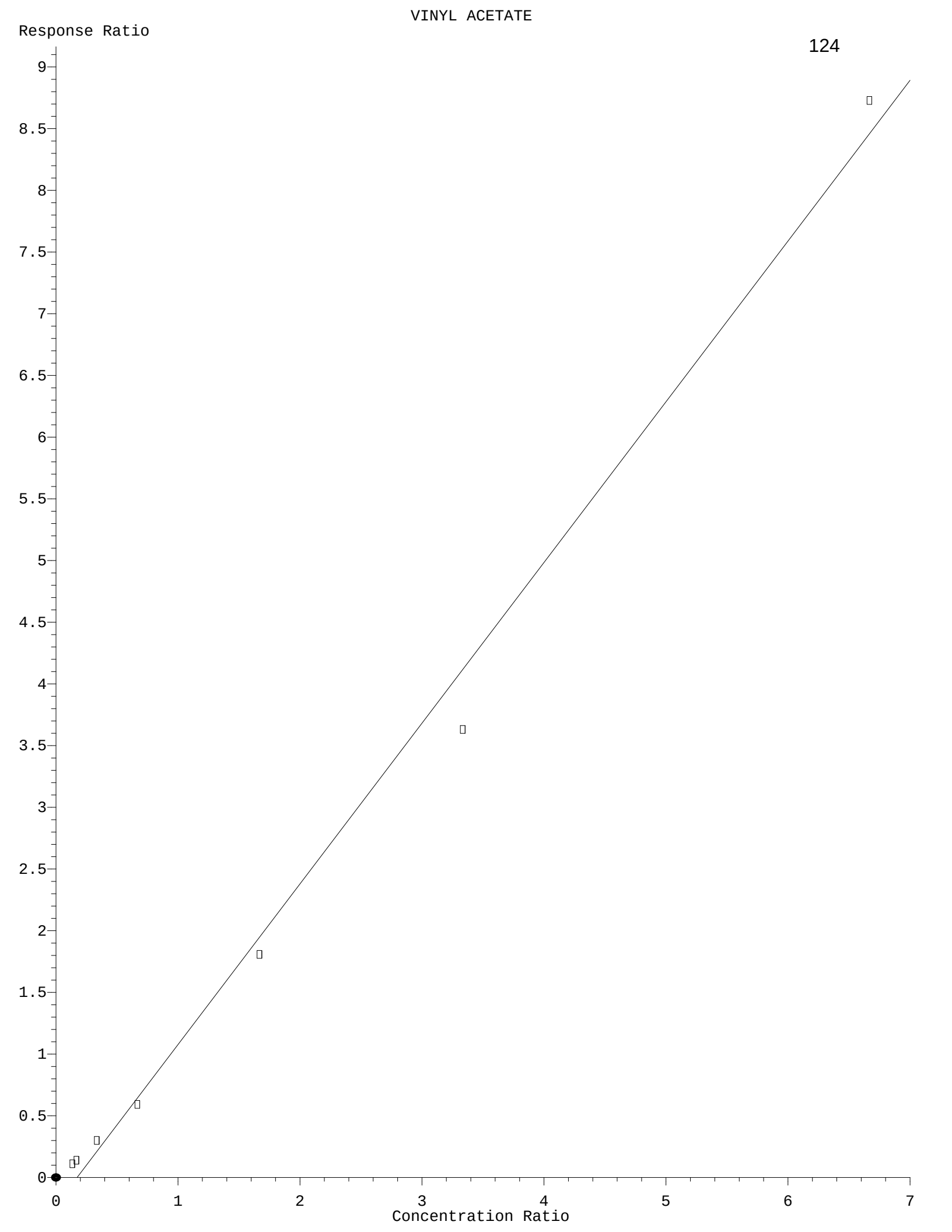

ACROLEIN
Response Ratio
119
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
20
25
30
35
Concentration Ratio

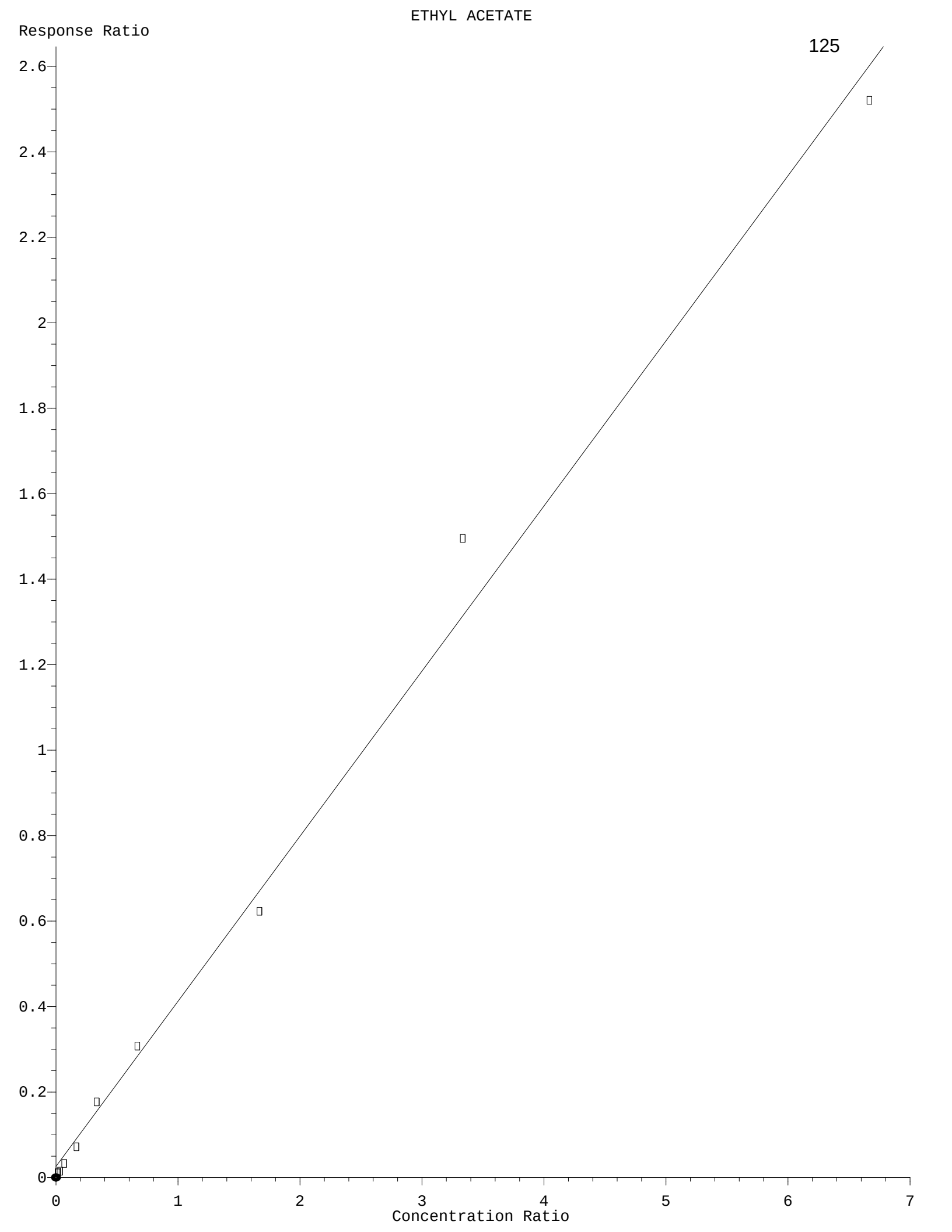

1,1-DICHLOROETHENE
Response Ratio
120
4.8
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

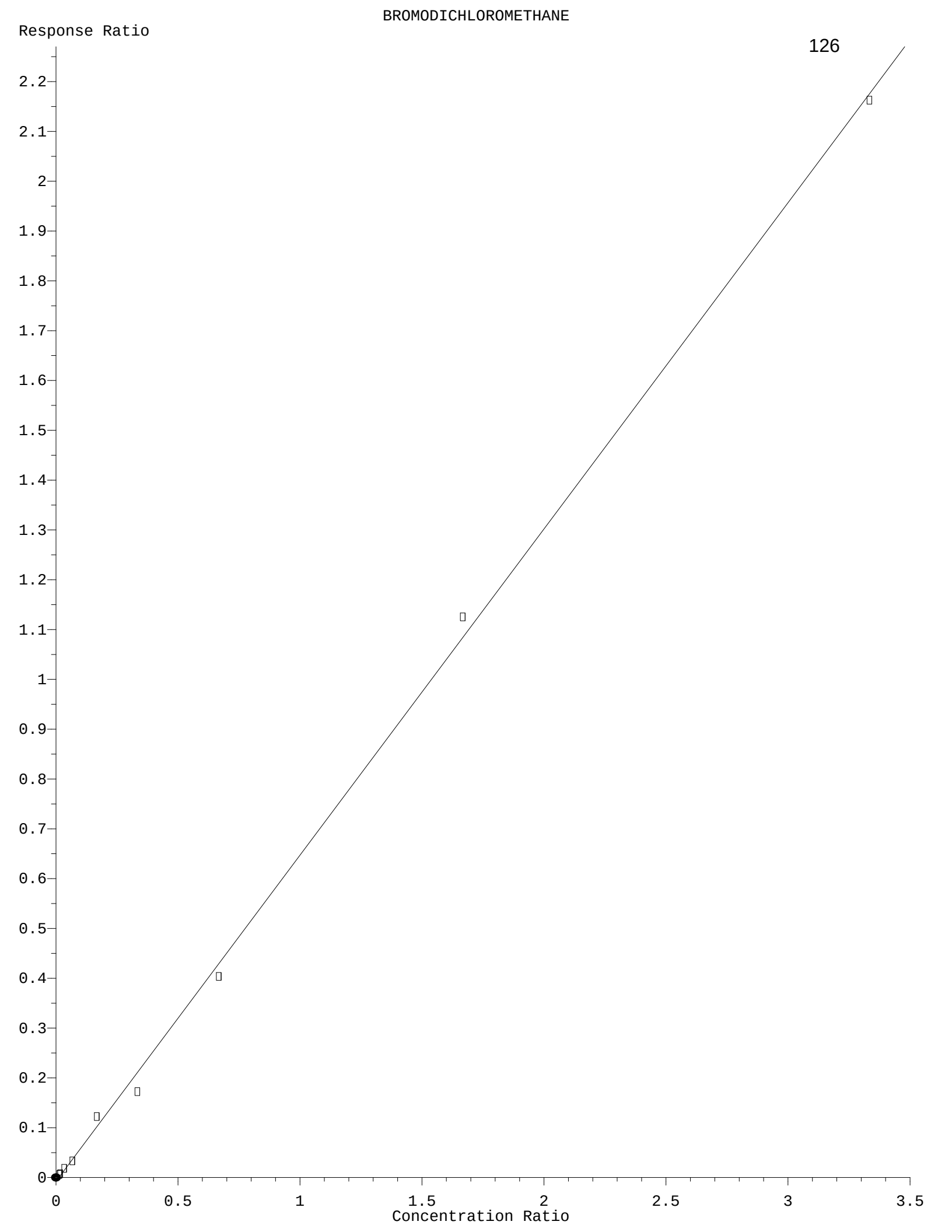

1,1,2-TRICL-1,2,2-TRIFLETHANE
Response Ratio
121
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

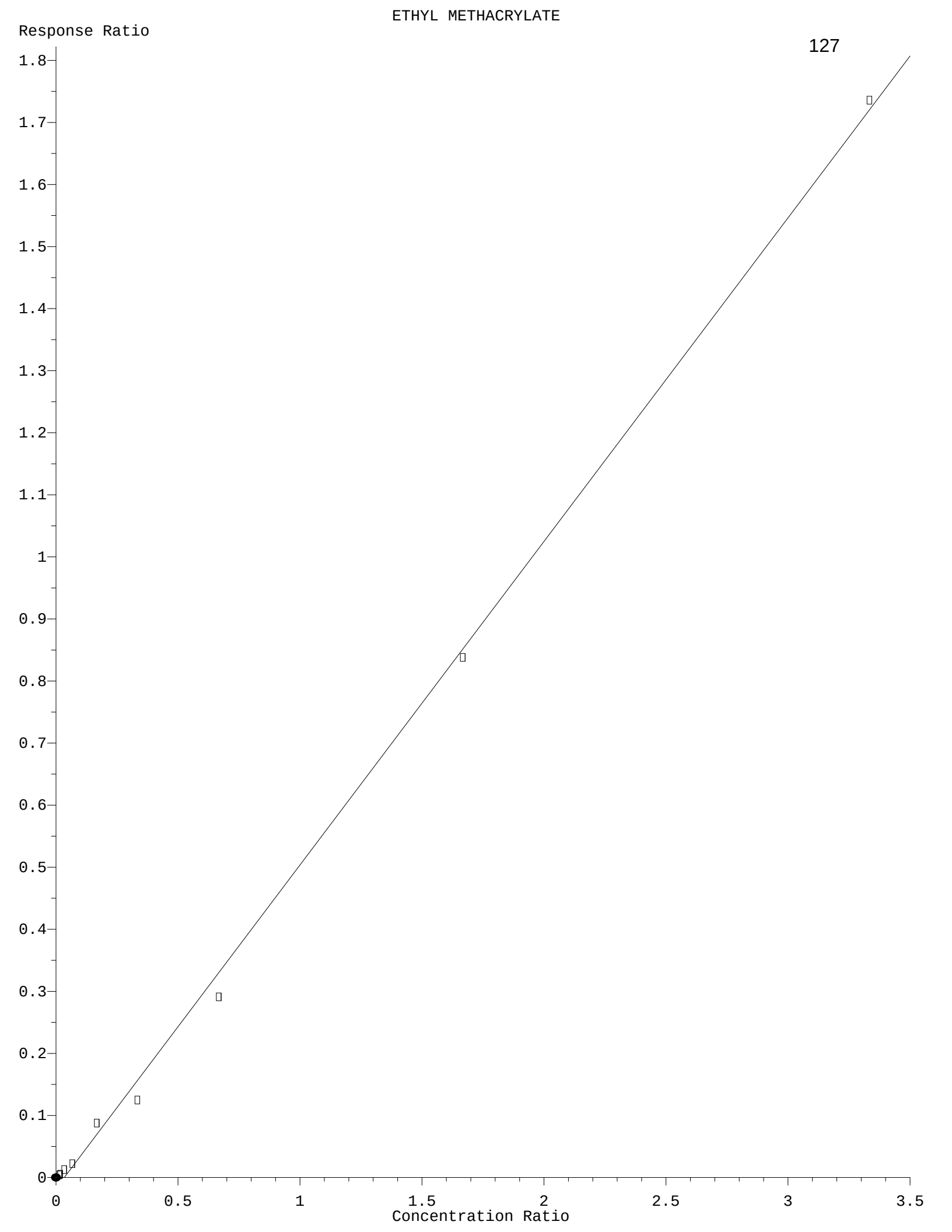

IODOMETHANE
Response Ratio
122
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

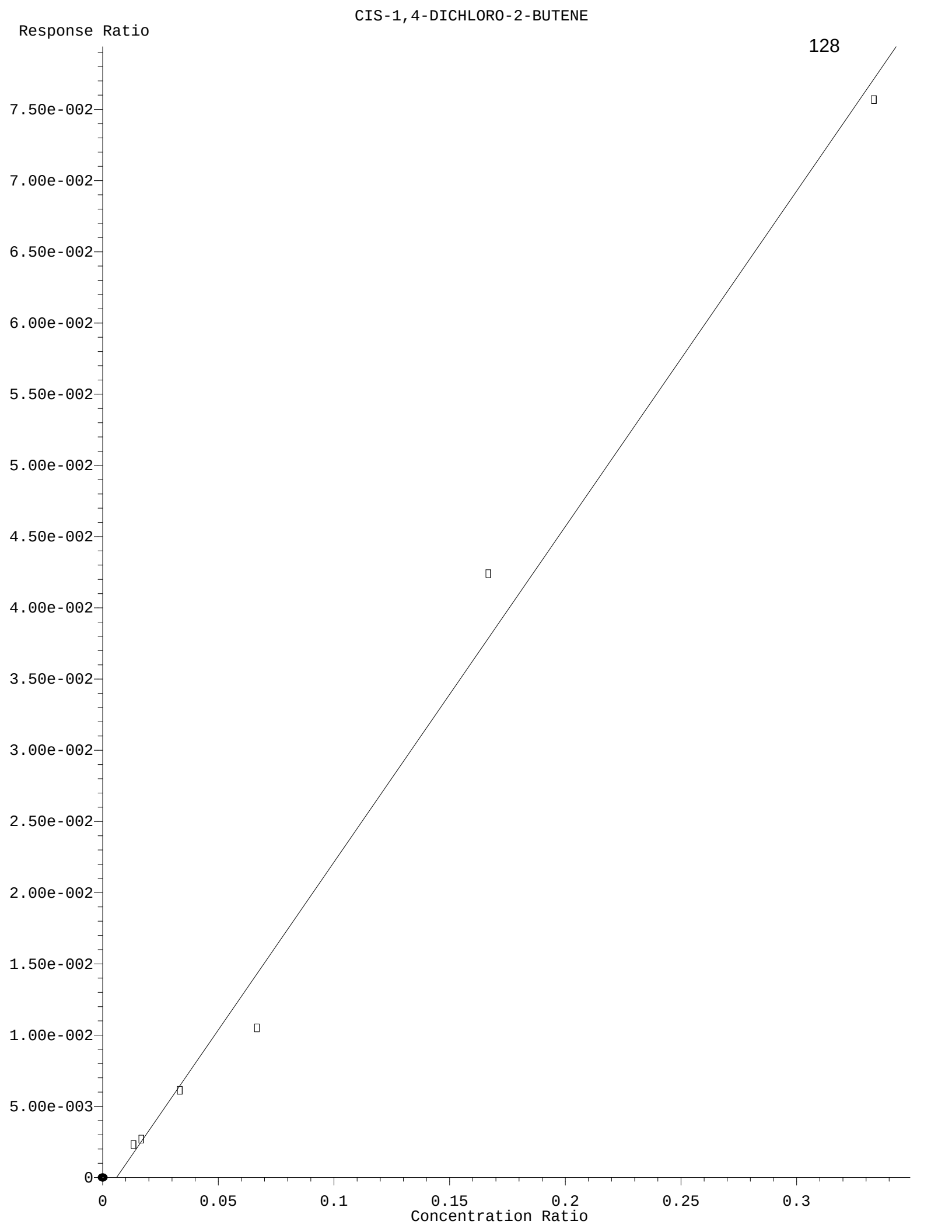

CARBON DISULFIDE
Response Ratio
123
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

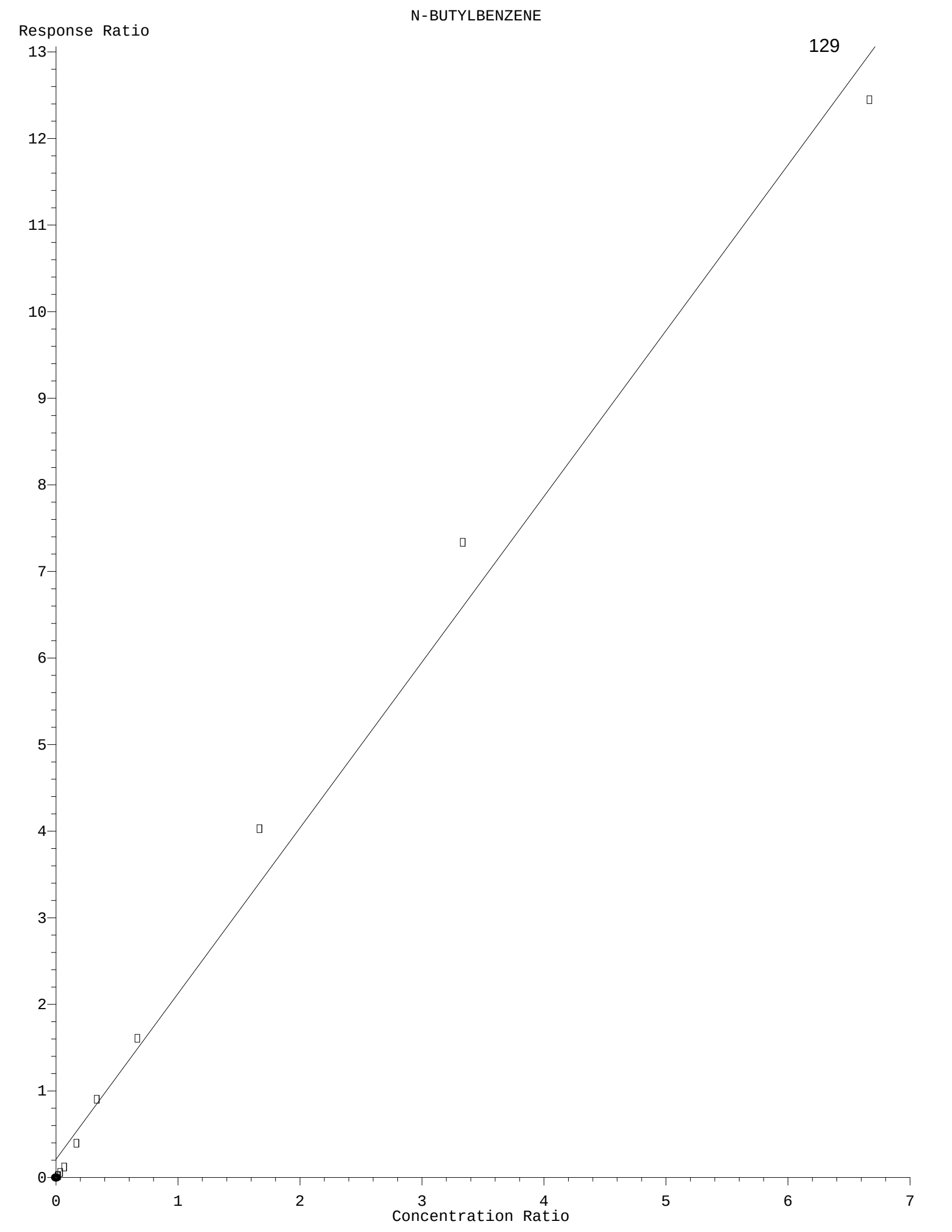

VINYL ACETATE
Response Ratio
124
9
8.5
8
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
7
Concentration Ratio

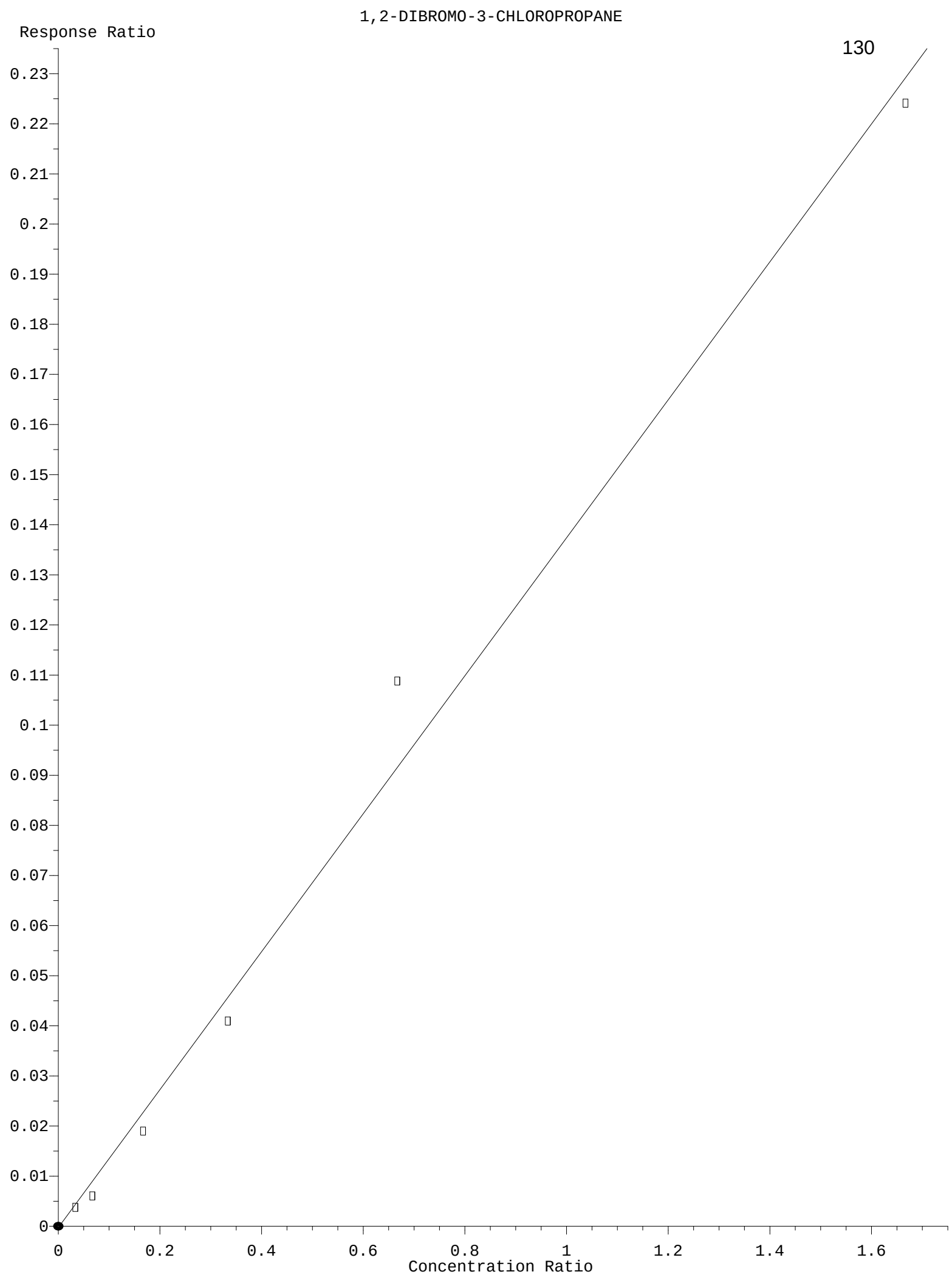

ETHYL ACETATE
Response Ratio
125
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
4
5
6
7
Concentration Ratio

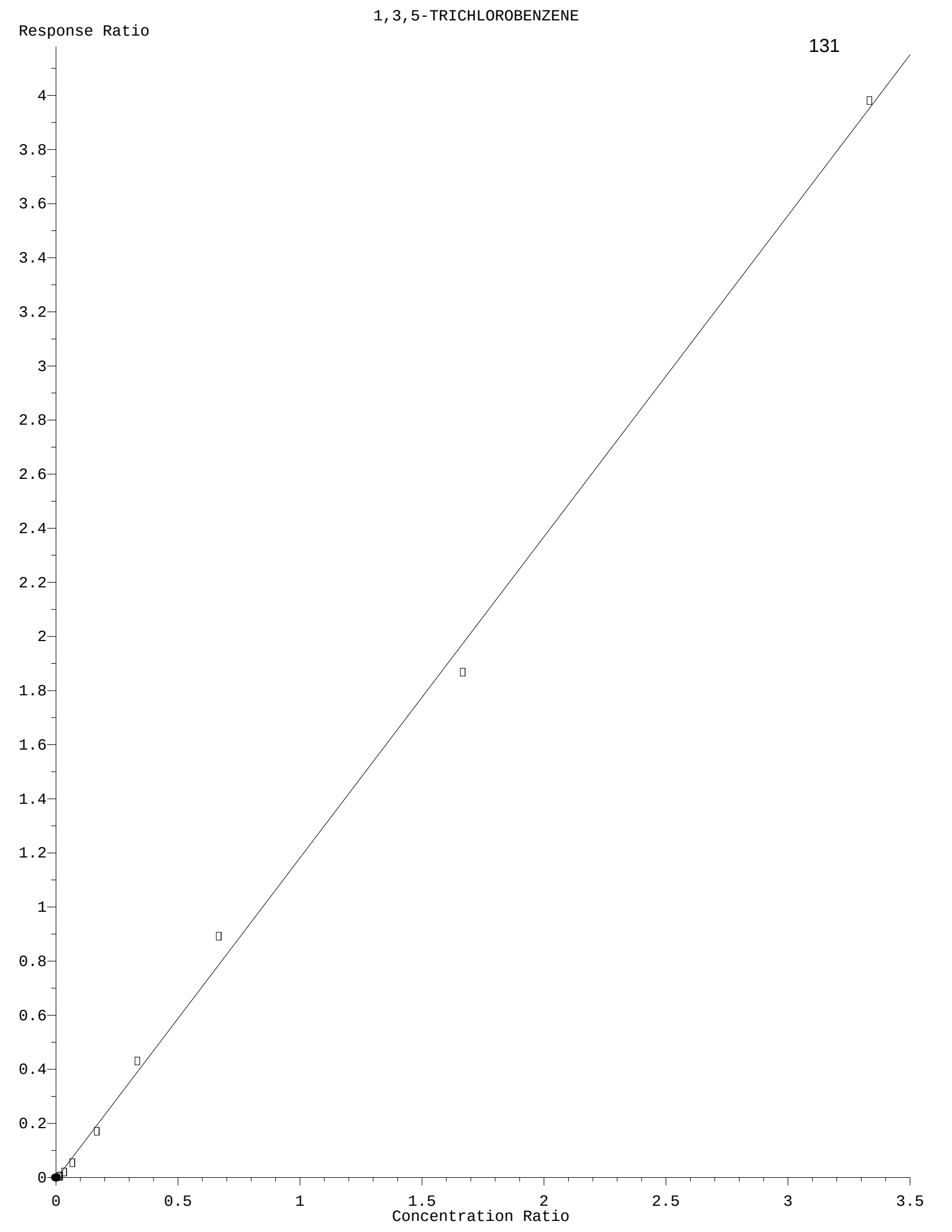

BROMODICHLOROMETHANE
Response Ratio
126
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

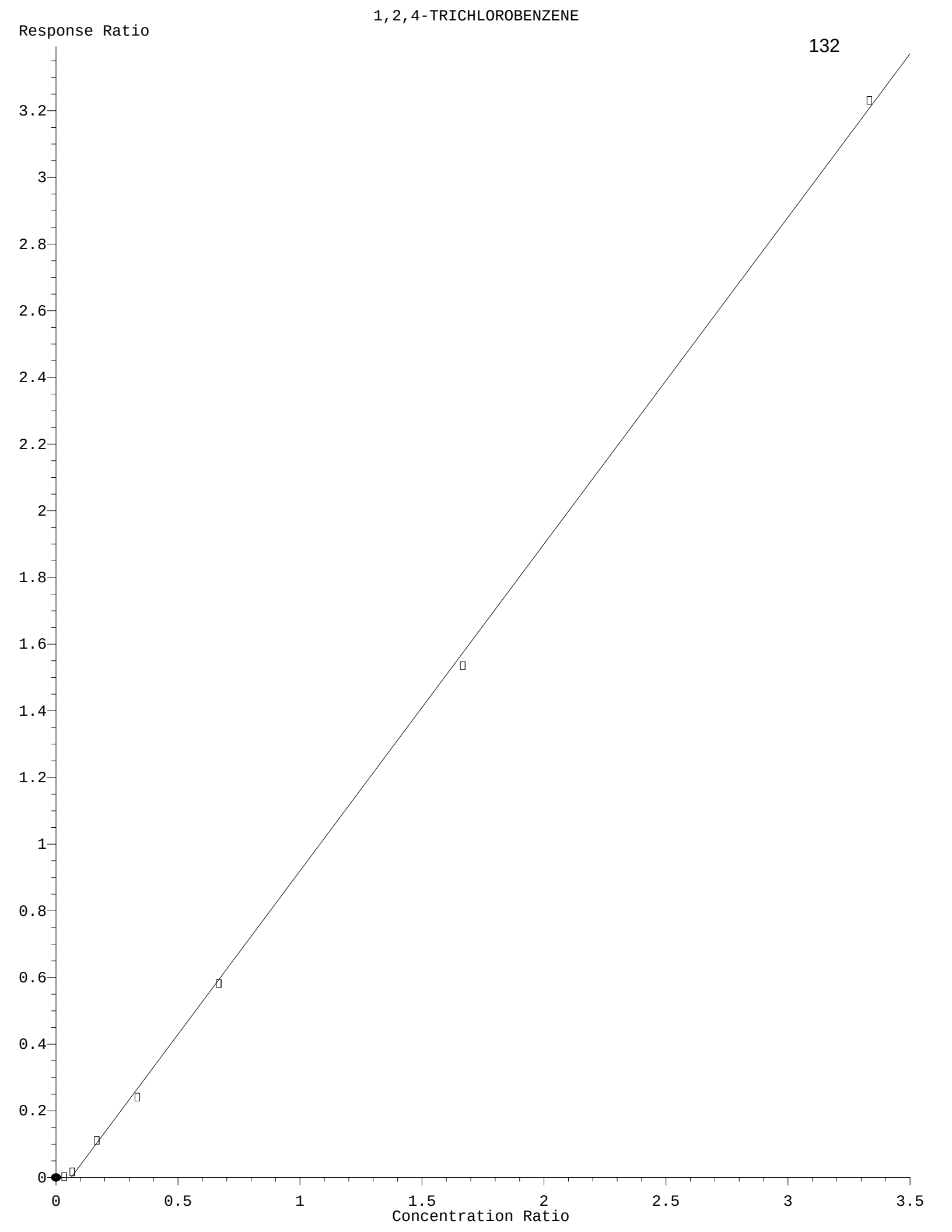

ETHYL METHACRYLATE
Response Ratio
127
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

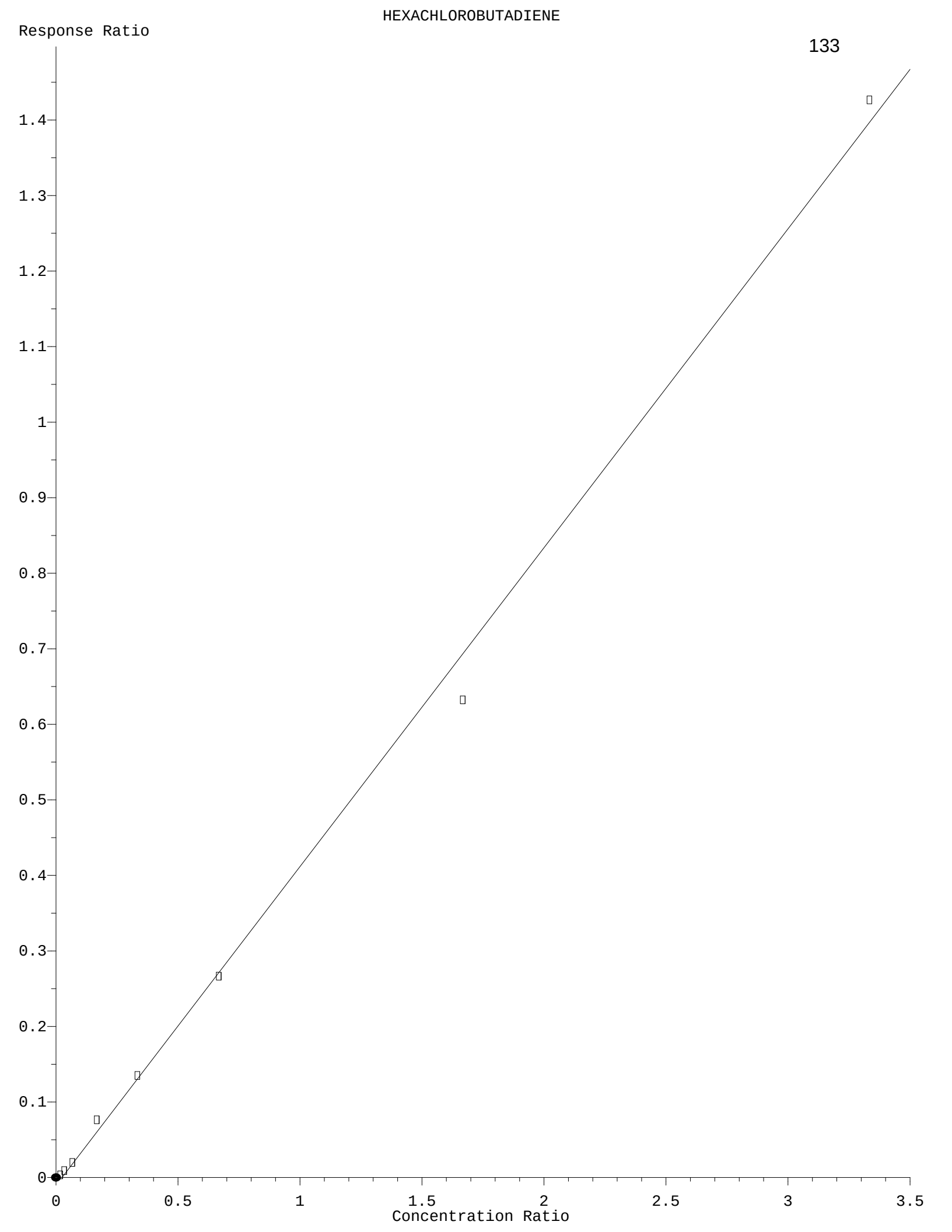

CIS-1,4-DICHLORO-2-BUTENE
Response Ratio
128
7.50e-002
7.00e-002
6.50e-002
6.00e-002
5.50e-002
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration Ratio

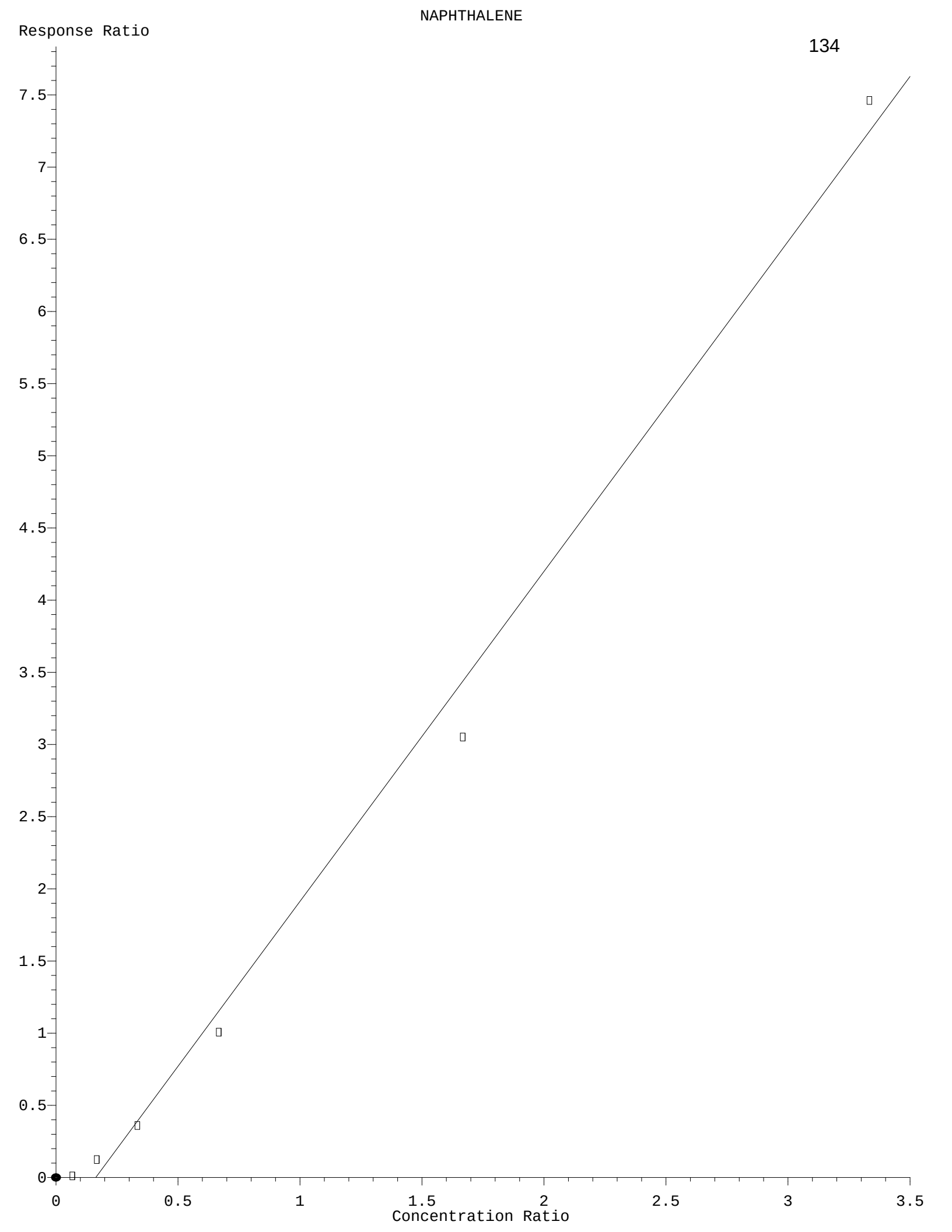

N-BUTYLBENZENE
Response Ratio
129
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
1
2
3
4
5
6
7
Concentration Ratio

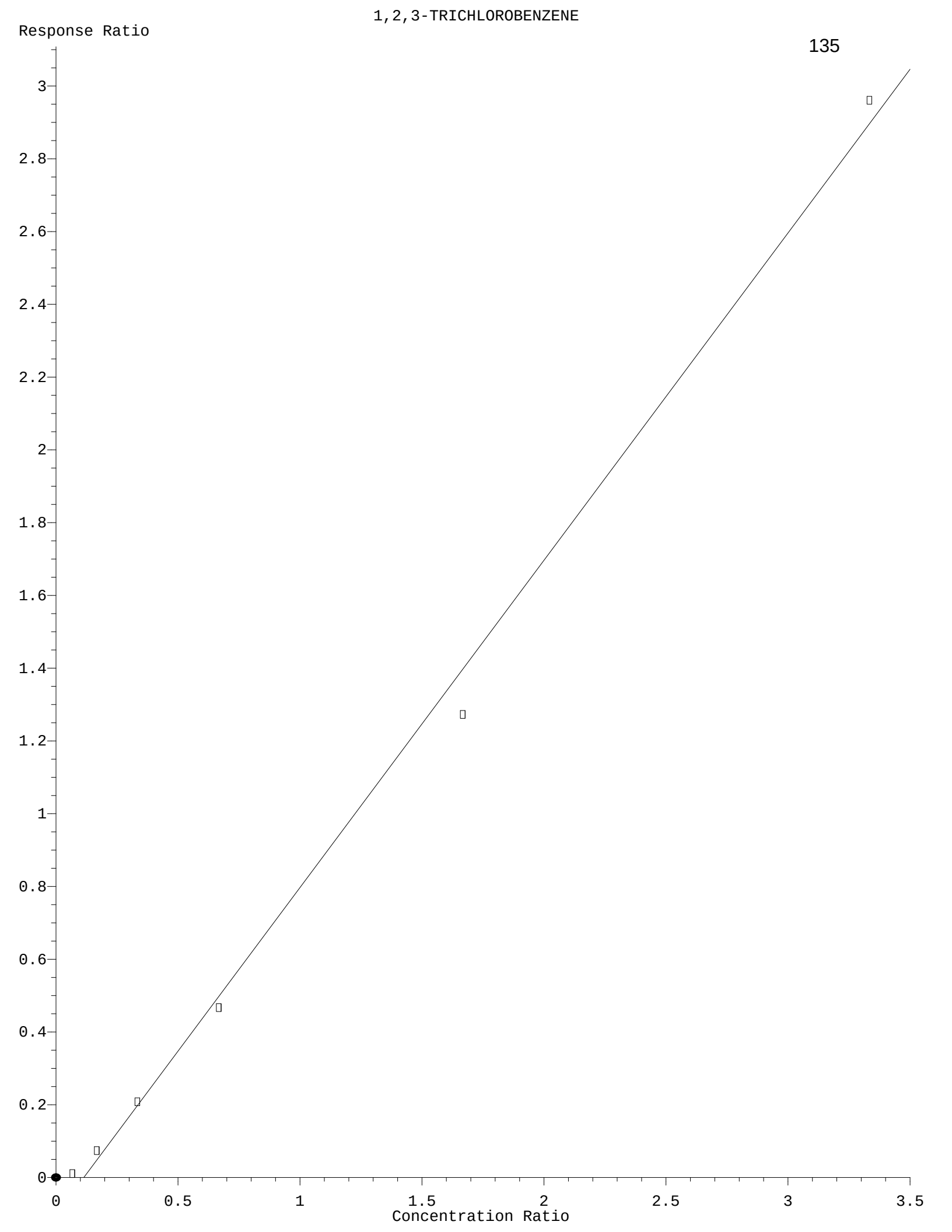

1,2-DIBROMO-3-CHLOROPROPANE
Response Ratio
130
0.23
0.22
0.21
0.2
0.19
0.18
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Concentration Ratio


1,3,5-TRICHLOROBENZENE
Response Ratio
131
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,4-TRICHLOROBENZENE
Response Ratio
132
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


HEXACHLOROBUTADIENE
Response Ratio
133
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

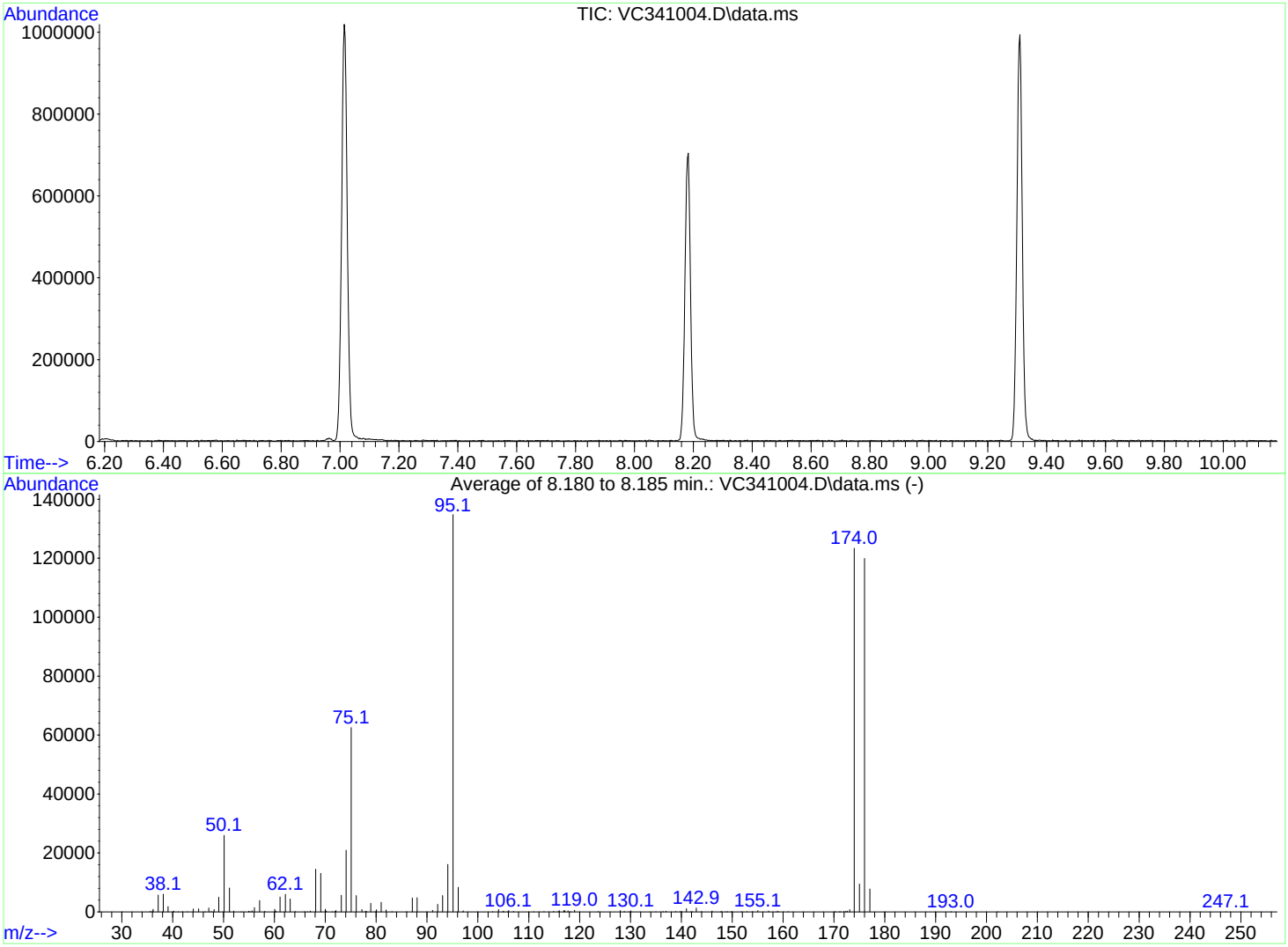

NAPHTHALENE
Response Ratio
134
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,3-TRICHLOROBENZENE
Response Ratio
135
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

Data Path : Y:\1\DATA\120711\
Data File : VC341004.D
Acq On : 7 Dec 2011 12:41 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2647, 2648, 2649; Background Corrected with Scan 2631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	25928	PASS
75	95	30	60	46.4	62565	PASS
95	95	100	100	100.0	134773	PASS
96	95	5	9	6.2	8351	PASS
173	174	0.00	2	0.6	763	PASS
174	95	50	100	91.5	123368	PASS
175	174	5	9	7.7	9444	PASS
176	174	95	101	97.2	119901	PASS
177	176	5	9	6.5	7799	PASS

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	337925	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	477740	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	227733	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	204496	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	164701	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
49) TOLUENE SS	5.606	98	463969	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	170599	21.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	3328	0.41	UG/L		93
4) DIFLUOROCHLOROMETHANE	0.874	51	3525	0.31	UG/L		95
5) CHLOROMETHANE	0.952	50	3064	0.29	UG/L		96
6) VINYL CHLORIDE	0.999	62	3548	0.33	UG/L		92
7) BROMOMETHANE	1.147	94	2951	Below Cal			83
8) CHLOROETHANE	1.192	64	1961	0.31	UG/L	#	83
9) FLUORODICHLOROMETHANE	1.281	67	4987	0.31	UG/L	#	87
10) TRICHLOROFLUOROMETHANE	1.312	101	4017	0.32	UG/L		96
11) ETHANOL	1.454	45	1595	Below Cal		#	62
12) DI ETHYL ETHER	1.451	59	2235	0.35	UG/L		90
13) ACROLEIN	1.512	56	998m	1.81	UG/L		
14) ACETONE	1.602	43	7002	2.98	UG/L		100
15) 1,1-DICHLOROETHENE	1.568	61	3811	0.29	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2164	0.30	UG/L	#	53
17) IODOMETHANE	1.655	142	11493	Below Cal		#	100
20) METHYL ACETATE	1.788	43	5122	0.28	UG/L	#	86
21) T-BUTYL ALCOHOL	1.933	59	1990m	3.26	UG/L		
22) ACRYLONITRILE	2.014	53	1047m	0.31	UG/L		
23) METHYLENE CHLORIDE	1.850	49	11571	Below Cal		#	81
24) CARBON DISULFIDE	1.694	76	60558	2.77	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	6714	0.31	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.020	61	3811	0.31	UG/L		90
27) 1,1-DICHLOROETHANE	2.329	63	5020	Below Cal		#	78
28) VINYL ACETATE	2.377	43	37564	2.69	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	8867m	0.34	UG/L		
31) 2-BUTANONE	2.868	43	9243m	3.17	UG/L		
32) T-BUTYL ETHYL ETHER	2.711	59	8294m	0.37	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.837	61	4526m	0.40	UG/L		
34) 2,2-DICHLOROPROPANE	2.826	77	2431m	0.33	UG/L		
35) ETHYL ACETATE	2.943	43	3638	0.01	UG/L	#	71
38) BROMOCHLOROMETHANE	3.082	49	2248	0.35	UG/L	#	70
40) CHLOROFORM	3.183	83	4739m	0.40	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.342	97	3433	0.35	UG/L	#	56
42) CYCLOHEXANE	3.406	56	9850	0.90	UG/L	#	68
43) CARBON TETRACHLORIDE	3.515	117	2970m	0.37	UG/L		
44) 1,1-DICHLOROPROPENE	3.520	75	3888	Below Cal		#	60
45) BENZENE	3.721	78	10358	0.45	UG/L	#	1
47) T-AMYLMETHYL ETHER	3.869	73	5840m	0.40	UG/L		
50) 1,2-DICHLOROETHANE	3.752	62	3603	0.33	UG/L	#	79
51) TRICHLOROETHENE	4.387	95	3076	0.46	UG/L	#	50
52) METHYLCYCLOHEXANE	4.566	83	3451m	0.42	UG/L		
53) 1,2-DICHLOROPROPANE	4.608	63	2499	0.38	UG/L	#	70
54) DIBROMOMETHANE	4.722	93	1800	0.43	UG/L		92
57) BROMODICHLOROMETHANE	4.909	83	2966	0.34	UG/L	#	87
58) 2-CHLOROETHYLVINYLETHER	5.241	63	12658	3.51	UG/L		92

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

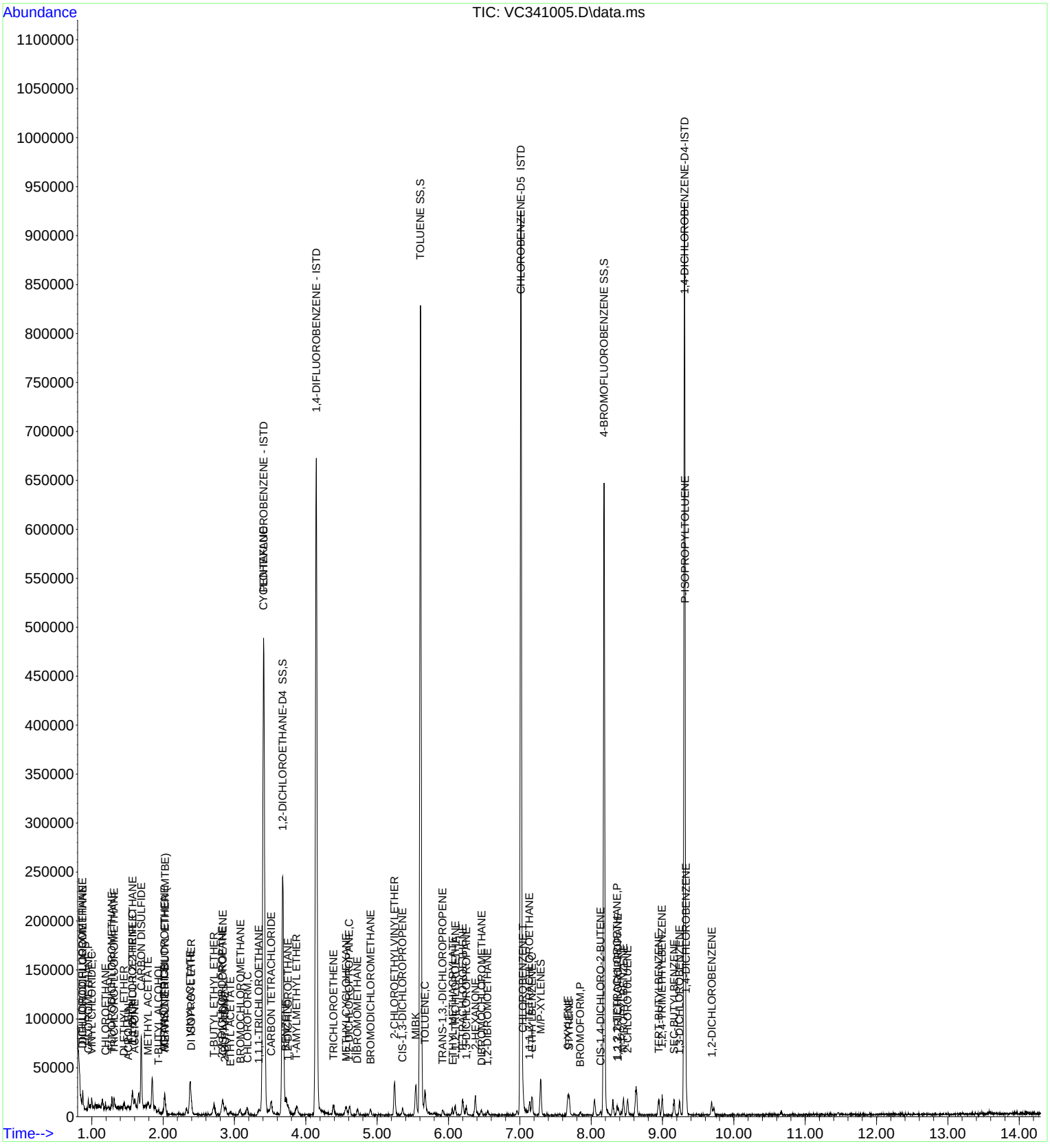
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	18871	3.15 UG/L #	92
60) CIS-1,3-DICHLOROPROPENE	5.355	75	3178	0.36 UG/L	97
61) TOLUENE	5.667	91	10520	0.42 UG/L	93
62) TRANS-1,3,-DICHLOROPRO...	5.916	75	2452	0.38 UG/L #	53
63) ETHYL METHACRYLATE	6.061	69	1988m	0.32 UG/L	
64) 1,1,2-TRICHLOROETHANE	6.097	97	2283m	0.42 UG/L	
65) 2-HEXANONE	6.378	43	9982	2.72 UG/L	95
66) TETRACHLOROETHENE	6.200	166	2805	0.42 UG/L	96
67) 1,3-DICHLOROPROPANE	6.250	76	3313	0.37 UG/L #	79
68) DIBROMOCHLOROMETHANE	6.465	129	1928	0.30 UG/L #	76
69) 1,2-DIBROMOETHANE	6.546	107	2180m	0.38 UG/L	
72) CHLOROBENZENE	7.042	112	7302	0.43 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.131	131	2357m	0.42 UG/L	
74) ETHYLBENZENE	7.170	91	11311	0.41 UG/L	100
75) M/P-XYLENES	7.293	91	17679	0.82 UG/L	97
76) 0-XYLENE	7.672	91	8856	0.38 UG/L	100
77) STYRENE	7.692	104	6659	0.35 UG/L #	66
78) BROMOFORM	7.845	173	1376m	0.53 UG/L	
79) ISOPROPYLBENZENE	8.049	105	8517	Below Cal	97
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	527m	0.43 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	2881	0.07 UG/L #	92
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	541m	Below Cal	
83) BROMOBENZENE	8.303	77	5062	Below Cal	85
84) 1,2,3-TRICHLOROPROPANE	8.378	75	1952m	0.56 UG/L	
85) N-PROPYLBENZENE	8.453	91	10672	0.66 UG/L	94
86) 2-CHLOROT0LUENE	8.512	91	7695	0.70 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	8161	Below Cal	96
88) 4-CHLOROTOLUENE	8.621	91	8827	Below Cal	96
90) TERT-BUTYLBENZENE	8.947	119	6382	0.40 UG/L	90
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	7666	0.38 UG/L	99
92) SEC-BUTYLBENZENE	9.162	105	8864	0.41 UG/L	95
93) 1,3-DICHLOROBENZENE	9.237	146	4898	0.42 UG/L	93
94) P-ISOPROPYLTOLUENE	9.318	119	6189	0.35 UG/L #	88
95) 1,4-DICHLOROBENZENE	9.329	146	5214	0.43 UG/L #	78
96) N-BUTYLBENZENE	9.716	91	3519	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.691	146	4317	0.40 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.667	180	837m	Below Cal	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	326702	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	462778	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	216195	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	193036	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	156171	24.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.36%				
49) TOLUENE SS	5.609	98	456248	25.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	158410	21.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	3588	0.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	4866	0.45	UG/L		94
5) CHLOROMETHANE	0.954	50	3827	0.37	UG/L		93
6) VINYL CHLORIDE	1.002	62	4227	0.41	UG/L		94
7) BROMOMETHANE	1.152	94	5170	Below Cal		#	74
8) CHLOROETHANE	1.192	64	2231	0.37	UG/L		90
9) FLUORODICHLOROMETHANE	1.281	67	6042	0.39	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.311	101	4851	0.40	UG/L		92
12) DI ETHYL ETHER	1.451	59	2200	0.36	UG/L	#	65
13) ACROLEIN	1.521	56	1339	2.52	UG/L		99
14) ACETONE	1.601	43	9121	4.02	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	4551m	0.36	UG/L		
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2431	0.35	UG/L		84
17) IODOMETHANE	1.657	142	19691	0.01	UG/L	#	100
20) METHYL ACETATE	1.786	43	6666	0.37	UG/L	#	77
21) T-BUTYL ALCOHOL	1.925	59	2406m	4.08	UG/L		
22) ACRYLONITRILE	2.006	53	1412	0.44	UG/L	#	8
23) METHYLENE CHLORIDE	1.847	49	14713	Below Cal		#	85
24) CARBON DISULFIDE	1.693	76	72655	3.44	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.031	73	8641m	0.41	UG/L		
26) TRANS 1,2-DICHLOROETHENE	2.023	61	4521	0.38	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	5463	Below Cal		#	87
28) VINYL ACETATE	2.377	43	45604	3.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	10324	0.41	UG/L	#	84
31) 2-BUTANONE	2.876	43	11311m	4.02	UG/L		
32) T-BUTYL ETHYL ETHER	2.703	59	9702	0.45	UG/L	#	50
33) CIS-1,2-DICHLOROETHENE	2.842	61	5277	0.48	UG/L		90
34) 2,2-DICHLOROPROPANE	2.834	77	3433m	0.48	UG/L		
35) ETHYL ACETATE	2.951	43	4258m	0.14	UG/L		
38) BROMOCHLOROMETHANE	3.085	49	2799m	0.45	UG/L		
39) TETRAHYDROFURAN	3.144	42	1061m	0.54	UG/L		
40) CHLOROFORM	3.174	83	5900m	0.51	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.344	97	4178	0.44	UG/L	#	69
42) CYCLOHEXANE	3.411	56	10871	1.03	UG/L	#	66
43) CARBON TETRACHLORIDE	3.501	117	3639m	0.47	UG/L		
44) 1,1-DICHLOROPROPENE	3.514	75	4316	Below Cal		#	81
45) BENZENE	3.724	78	12439	0.56	UG/L	#	86
47) T-AMYLMETHYL ETHER	3.874	73	7168m	0.50	UG/L		
50) 1,2-DICHLOROETHANE	3.754	62	4840	0.45	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	2738	0.42	UG/L	#	79
52) METHYLCYCLOHEXANE	4.563	83	4200m	0.53	UG/L		
53) 1,2-DICHLOROPROPANE	4.619	63	3222	0.51	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	2243m	0.56	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	3556	0.42	UG/L	#	96
58) 2-CHLOROETHYLVINYLETHER	5.243	63	14408	4.13	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

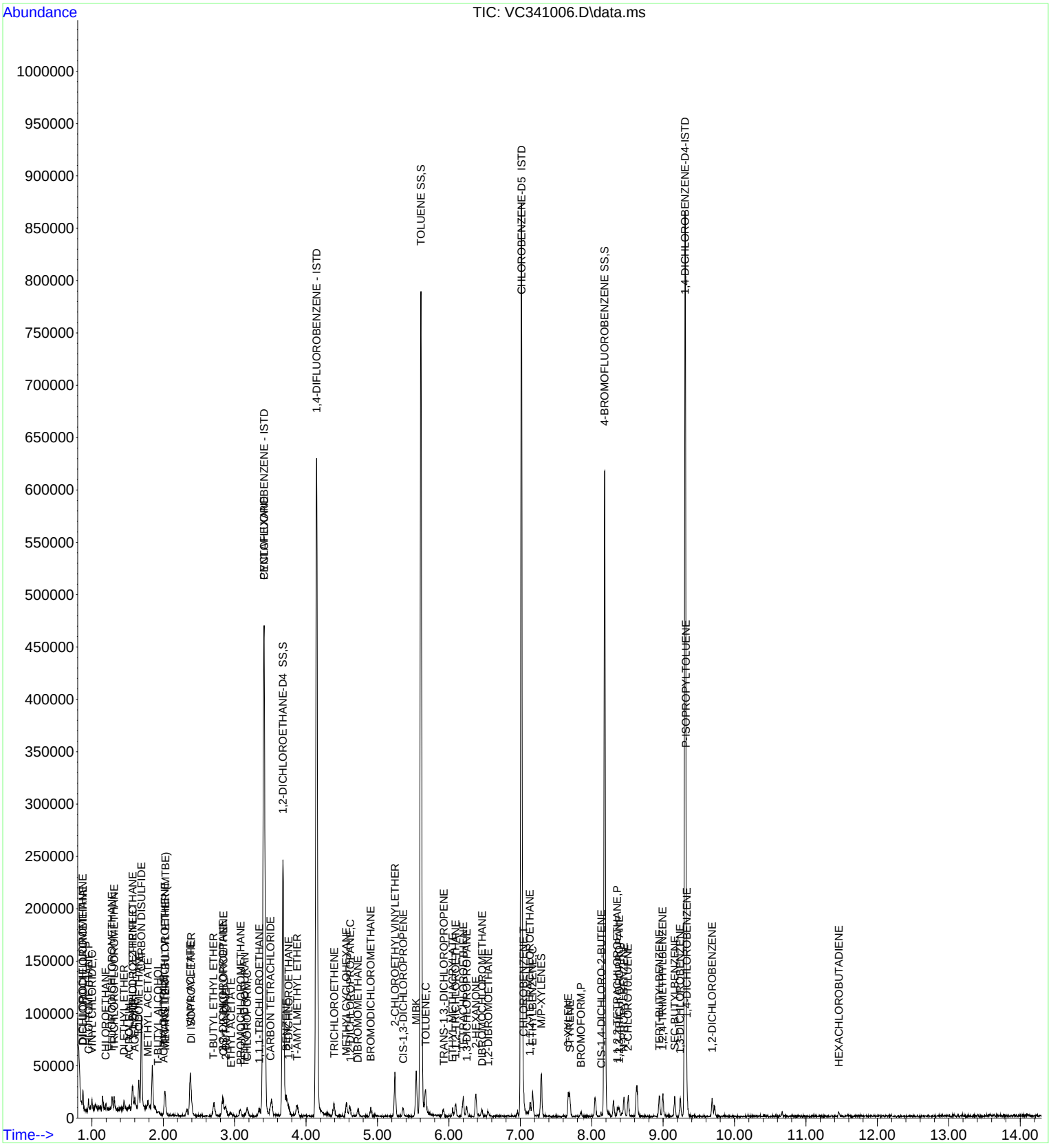
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	23542	4.06 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.361	75	3315	0.39 UG/L #	54
61) TOLUENE	5.676	91	12312	0.51 UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	5.929	75	2758	0.44 UG/L #	53
63) ETHYL METHACRYLATE	6.052	69	2456	0.40 UG/L #	66
64) 1,1,2-TRICHLOROETHANE	6.094	97	3099	0.59 UG/L	96
65) 2-HEXANONE	6.378	43	12753	3.59 UG/L	99
66) TETRACHLOROETHENE	6.203	166	3672	0.57 UG/L #	65
67) 1,3-DICHLOROPROPANE	6.250	76	4177	0.49 UG/L	96
68) DIBROMOCHLOROMETHANE	6.465	129	2445	0.39 UG/L	94
69) 1,2-DIBROMOETHANE	6.551	107	2390	0.44 UG/L #	54
72) CHLOROBENZENE	7.045	112	8368	0.52 UG/L #	83
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	2452	0.46 UG/L #	90
74) ETHYLBENZENE	7.173	91	13127	0.50 UG/L	98
75) M/P-XYLENES	7.296	91	20611	1.00 UG/L #	60
76) 0-XYLENE	7.670	91	9670	0.44 UG/L	100
77) STYRENE	7.695	104	6941	0.39 UG/L	97
78) BROMOFORM	7.851	173	1534m	0.57 UG/L	
79) ISOPROPYLBENZENE	8.049	105	10130	Below Cal #	80
80) CIS-1,4-DICHLORO-2-BUTENE	8.135	53	582m	0.46 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.356	83	3511	0.17 UG/L #	94
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	610m	Below Cal	
83) BROMOBENZENE	8.305	77	4946	Below Cal	95
84) 1,2,3-TRICHLOROPROPANE	8.386	75	2569	0.64 UG/L #	74
85) N-PROPYLBENZENE	8.450	91	12666	0.72 UG/L	100
86) 2-CHLOROT0LUENE	8.509	91	8760	0.75 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	8936	Below Cal	97
88) 4-CHLOROTOLUENE	8.623	91	10136	Below Cal #	88
90) TERT-BUTYLBENZENE	8.950	119	7801	0.51 UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	8922	0.46 UG/L	98
92) SEC-BUTYLBENZENE	9.161	105	10145	0.49 UG/L	98
93) 1,3-DICHLOROBENZENE	9.237	146	5710	0.51 UG/L	95
94) P-ISOPROPYLTOLUENE	9.320	119	8211	0.50 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	5278	0.46 UG/L	97
96) N-BUTYLBENZENE	9.722	91	4605	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.686	146	4724	0.46 UG/L #	92
99) 1,3,5-TRICHLOROBENZENE	10.667	180	1041	Below Cal	99
101) HEXACHLOROBUTADIENE	11.462	225	675	0.30 UG/L #	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	298073	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	387805	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	201135	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	185383	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	137505	23.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.96%				
49) TOLUENE SS	5.606	98	402487	26.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.32%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	155659	22.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.96%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	6764	0.94	UG/L		89
4) DIFLUOROCHLOROMETHANE	0.876	51	8075	0.81	UG/L		95
5) CHLOROMETHANE	0.949	50	7491	0.80	UG/L		99
6) VINYL CHLORIDE	1.002	62	8113	0.87	UG/L		94
7) BROMOMETHANE	1.147	94	7196	0.45	UG/L		98
8) CHLOROETHANE	1.197	64	4449	0.80	UG/L		94
9) FLUORODICHLOROMETHANE	1.284	67	12002	0.85	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.309	101	8870	0.79	UG/L		92
12) DI ETHYL ETHER	1.451	59	5078	0.91	UG/L	#	85
13) ACROLEIN	1.515	56	2388	4.92	UG/L		98
14) ACETONE	1.599	43	15854	7.65	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	9804	0.85	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	5445	0.85	UG/L		99
17) IODOMETHANE	1.657	142	46115	2.90	UG/L	#	100
20) METHYL ACETATE	1.786	43	11214	0.69	UG/L	#	88
21) T-BUTYL ALCOHOL	1.931	59	3387	6.29	UG/L	#	95
22) ACRYLONITRILE	2.006	53	2426	0.82	UG/L	#	74
23) METHYLENE CHLORIDE	1.847	49	19699	Below Cal		#	85
24) CARBON DISULFIDE	1.694	76	149182	7.74	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	16396	0.85	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.023	61	9572	0.89	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	10960	Below Cal		#	92
28) VINYL ACETATE	2.377	43	89551	7.28	UG/L	#	100
29) DI ISOPROYL ETHER	2.385	45	20432m	0.90	UG/L		
31) 2-BUTANONE	2.870	43	21416	8.34	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	17604	0.89	UG/L	#	81
33) CIS-1,2-DICHLOROETHENE	2.837	61	10915	1.10	UG/L	#	84
34) 2,2-DICHLOROPROPANE	2.829	77	5180	0.79	UG/L	#	77
35) ETHYL ACETATE	2.943	43	4413	0.24	UG/L	#	71
38) BROMOCHLOROMETHANE	3.074	49	5734	1.00	UG/L	#	85
39) TETRAHYDROFURAN	3.141	42	1372m	0.77	UG/L		
40) CHLOROFORM	3.174	83	10412	0.98	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.336	97	7941	0.92	UG/L		94
42) CYCLOHEXANE	3.397	56	14905	1.54	UG/L	#	73
43) CARBON TETRACHLORIDE	3.503	117	6737	0.95	UG/L		89
44) 1,1-DICHLOROPROPENE	3.517	75	7429m	Below Cal			
45) BENZENE	3.724	78	21243	1.04	UG/L		95
47) T-AMYLMETHYL ETHER	3.869	73	12287	0.95	UG/L	#	74
50) 1,2-DICHLOROETHANE	3.754	62	8837	0.99	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	5622	1.03	UG/L		91
52) METHYLCYCLOHEXANE	4.560	83	6700	1.02	UG/L		96
53) 1,2-DICHLOROPROPANE	4.610	63	5454	1.03	UG/L	#	91
54) DIBROMOMETHANE	4.725	93	3481	1.03	UG/L		91
57) BROMODICHLOROMETHANE	4.903	83	7113	1.00	UG/L	#	94
58) 2-CHLOROETHYLVINYLETHER	5.243	63	26911	9.20	UG/L		93

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

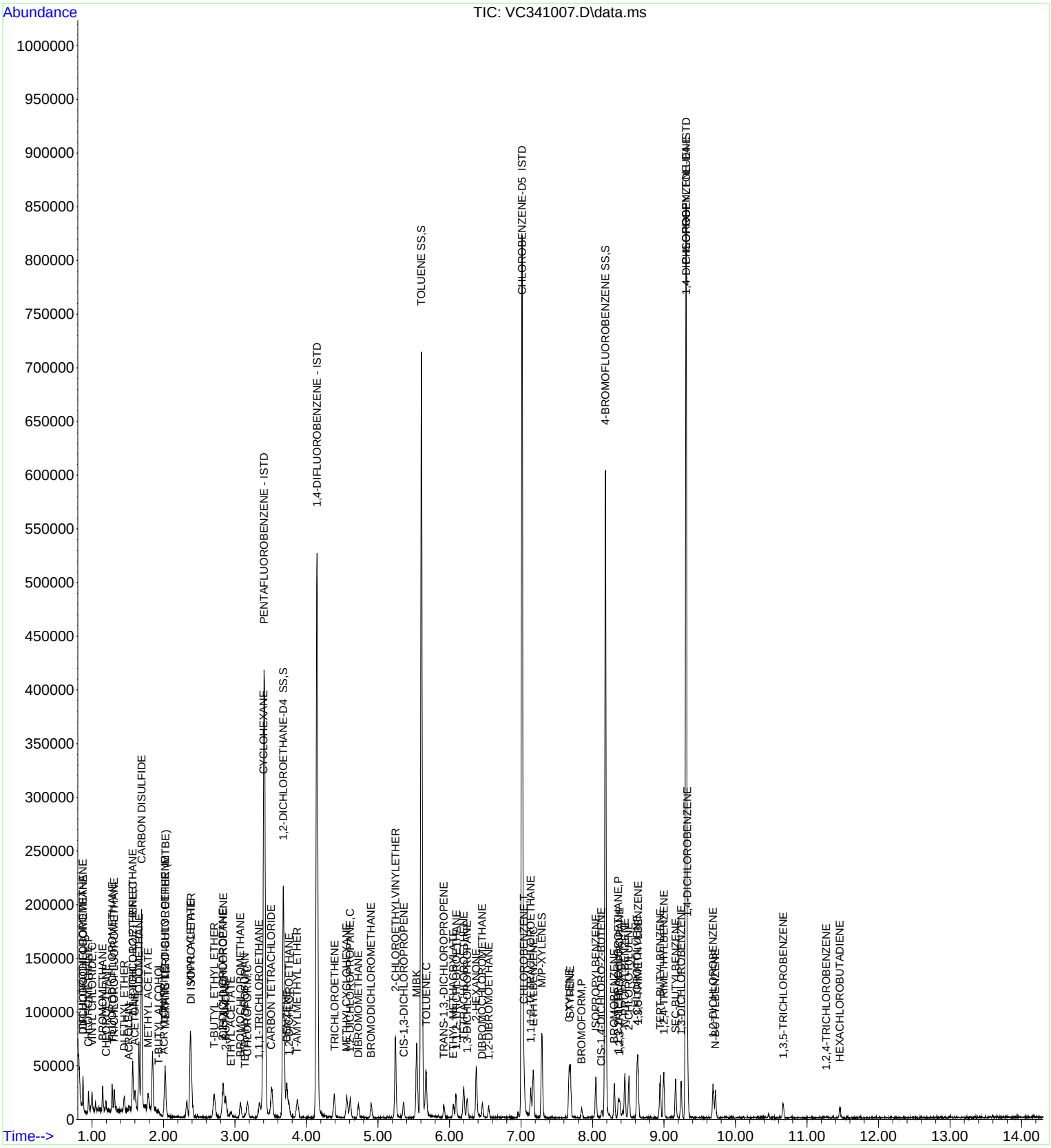
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59)	MIBK	5.539	43	40809	8.40	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	6306	0.88	UG/L	#	88
61)	TOLUENE	5.676	91	24284	1.20	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	4398	0.84	UG/L	#	88
63)	ETHYL METHACRYLATE	6.052	69	4943	0.97	UG/L		90
64)	1,1,2-TRICHLOROETHANE	6.094	97	4793	1.10	UG/L		95
65)	2-HEXANONE	6.373	43	26184	8.79	UG/L		96
66)	TETRACHLOROETHENE	6.200	166	6173	1.14	UG/L		96
67)	1,3-DICHLOROPROPANE	6.247	76	7687	1.07	UG/L		92
68)	DIBROMOCHLOROMETHANE	6.457	129	5427	1.04	UG/L		99
69)	1,2-DIBROMOETHANE	6.549	107	5031	1.09	UG/L		99
72)	CHLOROBENZENE	7.039	112	15564	1.04	UG/L		93
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	4894	0.98	UG/L	#	87
74)	ETHYLBENZENE	7.173	91	25834	1.06	UG/L		99
75)	M/P-XYLENES	7.290	91	38769	2.03	UG/L		99
76)	0-XYLENE	7.672	91	20717	1.00	UG/L		100
77)	STYRENE	7.689	104	15624	0.94	UG/L		100
78)	BROMOFORM	7.845	173	3103	0.90	UG/L	#	92
79)	ISOPROPYLBENZENE	8.046	105	19279	0.19	UG/L		97
80)	CIS-1,4-DICHLORO-2-BUTENE	8.121	53	1231m	0.71	UG/L		
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	5692	0.51	UG/L	#	94
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	1093	Below Cal		#	28
83)	BROMOBENZENE	8.303	77	9273	0.23	UG/L		99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	4213	0.88	UG/L	#	82
85)	N-PROPYLBENZENE	8.453	91	24934	1.02	UG/L		95
86)	2-CHLOROT0LUENE	8.509	91	17492	1.10	UG/L		98
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	18229	0.33	UG/L		94
88)	4-CHLOROTOLUENE	8.620	91	18587	0.04	UG/L		92
90)	TERT-BUTYLBENZENE	8.947	119	14325	0.98	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	9.000	105	18242	0.99	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	19799	1.00	UG/L		98
93)	1,3-DICHLOROBENZENE	9.240	146	10801	1.01	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.312	119	16042	1.01	UG/L	#	94
95)	1,4-DICHLOROBENZENE	9.326	146	11414	1.05	UG/L	#	92
96)	N-BUTYLBENZENE	9.716	91	10714	0.40	UG/L		94
97)	1,2-DICHLOROBENZENE	9.686	146	10590	1.07	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.469	75	697	Below Cal		#	1
99)	1,3,5-TRICHLOROBENZENE	10.667	180	3784	0.28	UG/L		91
100)	1,2,4-TRICHLOROBENZENE	11.270	180	483m	1.66	UG/L		
101)	HEXACHLOROBUTADIENE	11.459	225	1689	0.79	UG/L	#	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341007.D
Acq On : 7 Dec 2011 2:12 pm
Sample : 8260 STD 1.0 PPB
Misc :
Quant Time: Dec 08 07:12:06 2011

Vial: 7
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	357136	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	498814	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	217646	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	194349	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	170609	24.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%				
49) TOLUENE SS	5.606	98	471991	24.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	147646	19.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	13352	1.55	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	17199	1.44	UG/L	#	92
5) CHLOROMETHANE	0.952	50	14491	1.30	UG/L		96
6) VINYL CHLORIDE	1.002	62	16955	1.51	UG/L		97
7) BROMOMETHANE	1.147	94	14411	1.52	UG/L		95
8) CHLOROETHANE	1.195	64	8989	1.35	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	25660	1.52	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.309	101	20022	1.49	UG/L		99
11) ETHANOL	1.404	45	1637m	Below Cal			
12) DI ETHYL ETHER	1.448	59	10672	1.59	UG/L	#	86
13) ACROLEIN	1.515	56	6943	11.94	UG/L		99
14) ACETONE	1.604	43	33500	13.50	UG/L		100
15) 1,1-DICHLOROETHENE	1.571	61	21196	1.53	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	11751m	1.53	UG/L		
17) IODOMETHANE	1.657	142	129606	9.29	UG/L	#	100
20) METHYL ACETATE	1.786	43	25502	1.30	UG/L		95
21) T-BUTYL ALCOHOL	1.922	59	9981m	15.48	UG/L		
22) ACRYLONITRILE	2.000	53	5456m	1.55	UG/L		
23) METHYLENE CHLORIDE	1.847	49	29113	Below Cal			88
24) CARBON DISULFIDE	1.694	76	327961	14.21	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	35755	1.56	UG/L	#	79
26) TRANS 1,2-DICHLOROETHENE	2.023	61	21647	1.67	UG/L		100
27) 1,1-DICHLOROETHANE	2.329	63	23678	0.12	UG/L		98
28) VINYL ACETATE	2.377	43	211646	14.36	UG/L	#	100
29) DI ISOPROYL ETHER	2.399	45	45555m	1.67	UG/L		
31) 2-BUTANONE	2.868	43	49094	15.96	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	40183	1.70	UG/L	#	92
33) CIS-1,2-DICHLOROETHENE	2.831	61	22027	1.85	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	11962	1.53	UG/L		95
35) ETHYL ACETATE	2.937	43	11701m	1.22	UG/L		
38) BROMOCHLOROMETHANE	3.071	49	11907	1.74	UG/L		85
39) TETRAHYDROFURAN	3.135	42	4002m	1.87	UG/L		
40) CHLOROFORM	3.180	83	24052	1.90	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	18259	1.76	UG/L	#	86
42) CYCLOHEXANE	3.395	56	26361m	2.28	UG/L		
43) CARBON TETRACHLORIDE	3.506	117	15316	1.81	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	17055	0.83	UG/L	#	90
45) BENZENE	3.724	78	48624	1.98	UG/L	#	87
47) T-AMYLMETHYL ETHER	3.877	73	27733	1.78	UG/L	#	78
50) 1,2-DICHLOROETHANE	3.760	62	21331	1.86	UG/L	#	94
51) TRICHLOROETHENE	4.396	95	12803	1.83	UG/L		96
52) METHYLCYCLOHEXANE	4.569	83	16241	1.91	UG/L		94
53) 1,2-DICHLOROPROPANE	4.611	63	12814	1.88	UG/L	#	98
54) DIBROMOMETHANE	4.725	93	7496	1.73	UG/L		92
56) 1,4-DIOXANE	4.784	88	1063m	Below Cal			

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

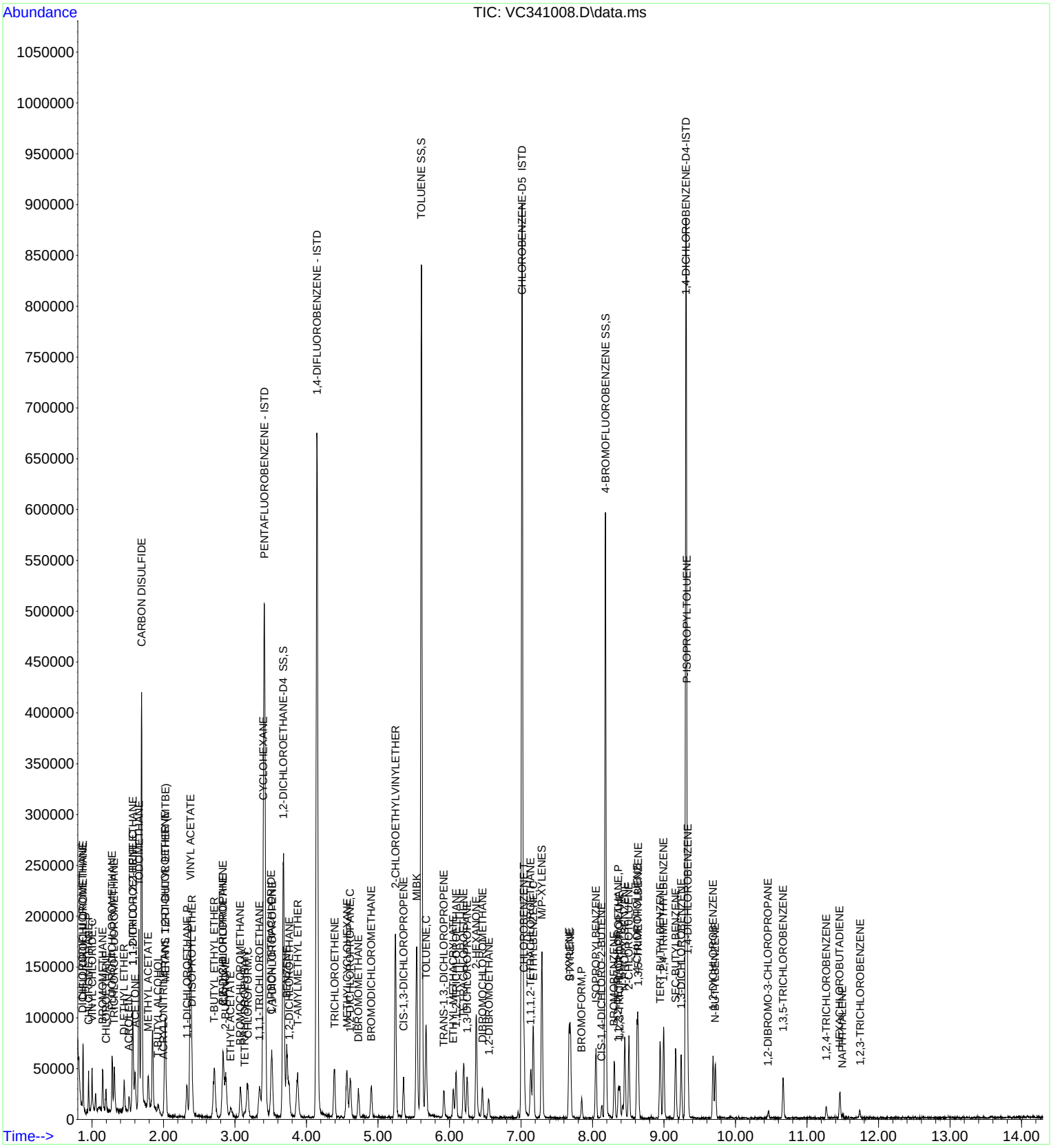
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
57) BROMODICHLOROMETHANE	4.906	83	16634	1.81 UG/L	98
58) 2-CHLOROETHYLVINYLETHER	5.244	63	67362	17.91 UG/L	93
59) MIBK	5.542	43	101794	16.29 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.358	75	15130	1.64 UG/L	96
61) TOLUENE	5.673	91	51773	1.98 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	11072	1.64 UG/L #	76
63) ETHYL METHACRYLATE	6.052	69	11079	1.69 UG/L #	84
64) 1,1,2-TRICHLOROETHANE	6.091	97	10907	1.94 UG/L	96
65) 2-HEXANONE	6.373	43	56930	14.85 UG/L	96
66) TETRACHLOROETHENE	6.197	166	12886	1.84 UG/L	94
67) 1,3-DICHLOROPROPANE	6.248	76	17727	1.91 UG/L	100
68) DIBROMOCHLOROMETHANE	6.462	129	12014	1.80 UG/L	92
69) 1,2-DIBROMOETHANE	6.551	107	9670	1.63 UG/L	92
72) CHLOROBENZENE	7.040	112	30658	1.90 UG/L #	88
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	10196	1.89 UG/L	93
74) ETHYLBENZENE	7.171	91	52635	1.99 UG/L	99
75) M/P-XYLENES	7.290	91	82345	3.98 UG/L	97
76) 0-XYLENE	7.673	91	40165	1.80 UG/L	98
77) STYRENE	7.689	104	31638	1.76 UG/L	98
78) BROMOFORM	7.848	173	6859	1.54 UG/L	98
79) ISOPROPYLBENZENE	8.049	105	38463	0.94 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.124	53	2287	1.03 UG/L #	65
81) 1,1,2,2-TETRACHLOROETHANE	8.359	83	10309	1.05 UG/L	92
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	2352	Below Cal #	61
83) BROMOBENZENE	8.300	77	18245	0.98 UG/L	95
84) 1,2,3-TRICHLOROPROPANE	8.381	75	9211	1.44 UG/L	99
85) N-PROPYLBENZENE	8.451	91	49083	1.49 UG/L	97
86) 2-CHLOROT0LUENE	8.509	91	34123	1.64 UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.640	105	36841	1.12 UG/L	96
88) 4-CHLOROTOLUENE	8.623	91	35963	0.80 UG/L	100
90) TERT-BUTYLBENZENE	8.950	119	29684	1.94 UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	38755	2.01 UG/L	100
92) SEC-BUTYLBENZENE	9.162	105	40682	1.96 UG/L	99
93) 1,3-DICHLOROBENZENE	9.240	146	20624	1.84 UG/L	97
94) P-ISOPROPYLTOLUENE	9.321	119	33336	2.00 UG/L	96
95) 1,4-DICHLOROBENZENE	9.332	146	21475	1.88 UG/L	97
96) N-BUTYLBENZENE	9.714	91	23493	1.26 UG/L	98
97) 1,2-DICHLOROBENZENE	9.686	146	21255	2.05 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.456	75	1175	0.17 UG/L	92
99) 1,3,5-TRICHLOROBENZENE	10.665	180	10583	1.31 UG/L	97
100) 1,2,4-TRICHLOROBENZENE	11.270	180	3286	2.14 UG/L	95
101) HEXACHLOROBUTADIENE	11.457	225	3869	1.72 UG/L	89
102) NAPHTHALENE	11.496	128	2199m	1.47 UG/L	
103) 1,2,3-TRICHLOROBENZENE	11.744	180	2074m	1.11 UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	245184	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	339877	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	165237	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	173266	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	115189	23.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%				
49) TOLUENE SS	5.606	98	351695	26.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.00%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	137349	23.89	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	31340	5.30	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.877	51	41349	5.05	UG/L		99
5) CHLOROMETHANE	0.952	50	32134	4.18	UG/L		97
6) VINYL CHLORIDE	0.999	62	38484	4.99	UG/L		98
7) BROMOMETHANE	1.150	94	25452	5.70	UG/L		97
8) CHLOROETHANE	1.192	64	18595	4.07	UG/L		94
9) FLUORODICHLOROMETHANE	1.281	67	59984	5.19	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	45814	4.98	UG/L		97
11) ETHANOL	1.392	45	2740m	Below Cal			
12) DI ETHYL ETHER	1.451	59	22834	4.95	UG/L		94
13) ACROLEIN	1.515	56	16714	41.88	UG/L		98
14) ACETONE	1.602	43	67635	39.69	UG/L		99
15) 1,1-DICHLOROETHENE	1.568	61	47818	5.02	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	25853	4.91	UG/L		95
17) IODOMETHANE	1.657	142	383657	46.13	UG/L	#	100
20) METHYL ACETATE	1.786	43	56315	4.18	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	19934	45.03	UG/L	#	83
22) ACRYLONITRILE	2.012	53	12074	4.99	UG/L		87
23) METHYLENE CHLORIDE	1.847	49	54114	3.38	UG/L		91
24) CARBON DISULFIDE	1.694	76	794414	50.13	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	80872	5.12	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	46198	5.21	UG/L		94
27) 1,1-DICHLOROETHANE	2.324	63	50270	4.39	UG/L		99
28) VINYL ACETATE	2.377	43	443316	43.81	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	87604	4.67	UG/L		91
31) 2-BUTANONE	2.868	43	79182	37.49	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	71395	4.41	UG/L	#	87
33) CIS-1,2-DICHLOROETHENE	2.837	61	39010	4.76	UG/L		96
34) 2,2-DICHLOROPROPANE	2.829	77	22456	4.17	UG/L	#	75
35) ETHYL ACETATE	2.943	43	17632	3.37	UG/L	#	88
38) BROMOCHLOROMETHANE	3.077	49	20111	4.28	UG/L	#	84
39) TETRAHYDROFURAN	3.138	42	5490	3.73	UG/L	#	86
40) CHLOROFORM	3.180	83	42568	4.89	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.345	97	35767	5.01	UG/L	#	79
42) CYCLOHEXANE	3.392	56	39646	4.99	UG/L		90
43) CARBON TETRACHLORIDE	3.503	117	26753	4.61	UG/L		94
44) 1,1-DICHLOROPROPENE	3.520	75	32898	4.47	UG/L		98
45) BENZENE	3.724	78	89421	5.32	UG/L		96
47) T-AMYLMETHYL ETHER	3.872	73	49915	4.68	UG/L	#	87
50) 1,2-DICHLOROETHANE	3.749	62	35255	4.51	UG/L		98
51) TRICHLOROETHENE	4.390	95	26534	5.57	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	30894	5.34	UG/L		90
53) 1,2-DICHLOROPROPANE	4.611	63	23677	5.10	UG/L	#	95
54) DIBROMOMETHANE	4.725	93	14988	5.07	UG/L		96
56) 1,4-DIOXANE	4.778	88	1773m	4.14	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) BROMODICHLOROMETHANE	4.906	83	41613	6.65	UG/L		96
58) 2-CHLOROETHYLVINYLETHER	5.244	63	124715	48.66	UG/L		96
59) MIBK	5.542	43	201766	47.39	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	5.350	75	33128	5.28	UG/L		98
61) TOLUENE	5.670	91	118530	6.66	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	23554	5.13	UG/L		91
63) ETHYL METHACRYLATE	6.052	69	29817	6.66	UG/L		85
64) 1,1,2-TRICHLOROETHANE	6.091	97	25894	6.75	UG/L		94
65) 2-HEXANONE	6.376	43	127777	48.92	UG/L		94
66) TETRACHLOROETHENE	6.197	166	25766	5.41	UG/L		97
67) 1,3-DICHLOROPROPANE	6.247	76	34871	5.52	UG/L		95
68) DIBROMOCHLOROMETHANE	6.462	129	24794	5.44	UG/L		97
69) 1,2-DIBROMOETHANE	6.546	107	23662	5.87	UG/L		96
72) CHLOROBENZENE	7.045	112	62560	5.11	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	22889	5.60	UG/L		96
74) ETHYLBENZENE	7.173	91	109598	5.45	UG/L		99
75) M/P-XYLENES	7.290	91	179782	11.44	UG/L		100
76) 0-XYLENE	7.673	91	85379	5.03	UG/L		99
77) STYRENE	7.692	104	68745	5.03	UG/L		98
78) BROMOFORM	7.845	173	15202	3.93	UG/L		98
79) ISOPROPYLBENZENE	8.049	105	86351	4.19	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	7006	3.38	UG/L	#	78
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	26076	4.17	UG/L		93
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	5158	1.54	UG/L		91
83) BROMOBENZENE	8.300	77	43989	4.60	UG/L		98
84) 1,2,3-TRICHLOROPROPANE	8.381	75	19034	3.34	UG/L		97
85) N-PROPYLBENZENE	8.451	91	120562	3.83	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	95962	4.88	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	85235	4.59	UG/L		98
88) 4-CHLOROTOLUENE	8.623	91	85995	4.52	UG/L		98
90) TERT-BUTYLBENZENE	8.944	119	71551	5.25	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	81436	4.73	UG/L		98
92) SEC-BUTYLBENZENE	9.162	105	95653	5.18	UG/L		99
93) 1,3-DICHLOROBENZENE	9.237	146	50152	5.03	UG/L		100
94) P-ISOPROPYLTOLUENE	9.315	119	80395	5.41	UG/L		99
95) 1,4-DICHLOROBENZENE	9.329	146	51146	5.02	UG/L		95
96) N-BUTYLBENZENE	9.719	91	68458	5.01	UG/L		98
97) 1,2-DICHLOROBENZENE	9.686	146	47669	5.16	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	3289	3.17	UG/L		96
99) 1,3,5-TRICHLOROBENZENE	10.668	180	29599	4.82	UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.267	180	19218	5.32	UG/L		99
101) HEXACHLOROBUTADIENE	11.459	225	13232	6.61	UG/L		98
102) NAPHTHALENE	11.499	128	21558	3.28	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	12817	3.59	UG/L		94

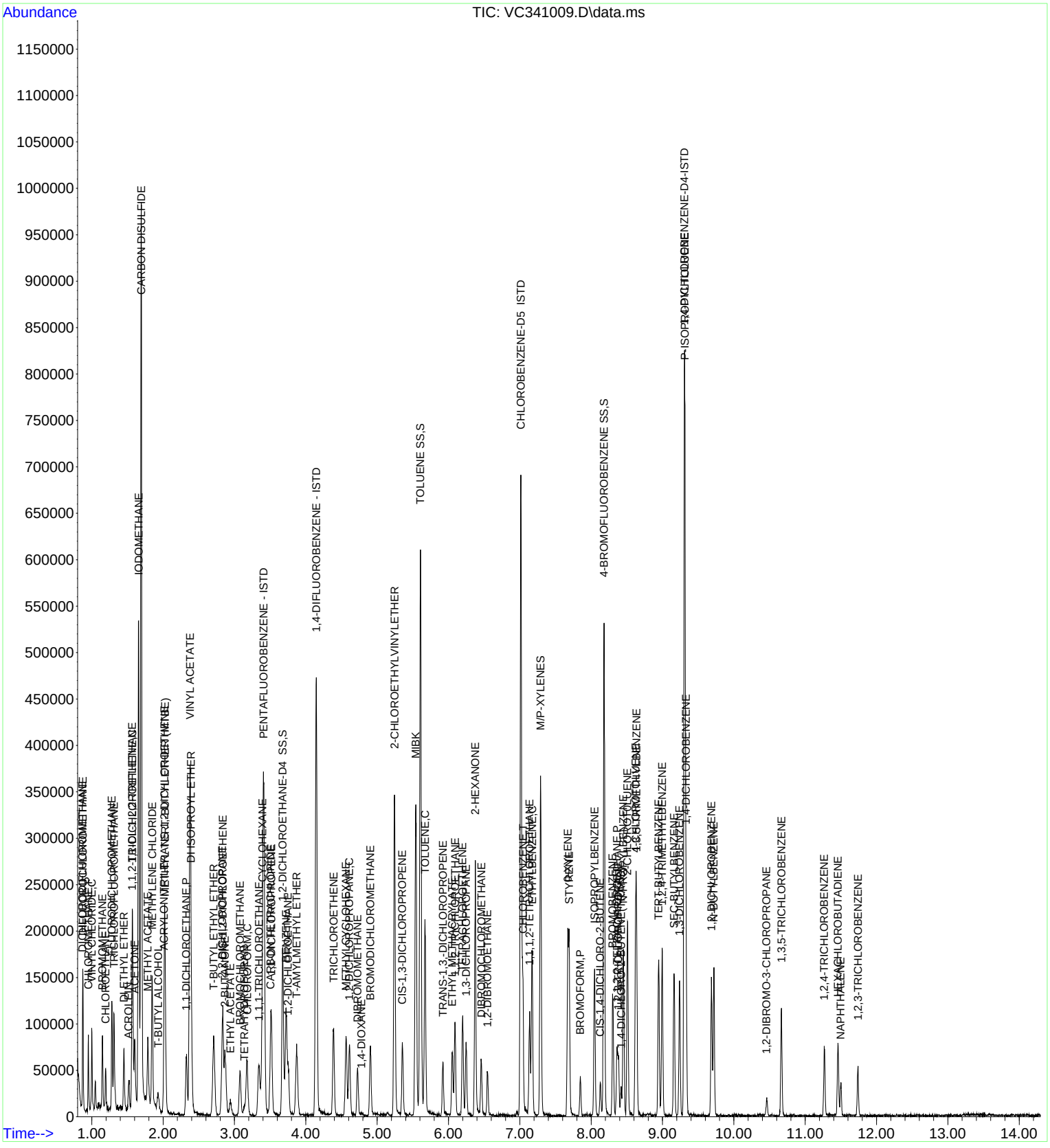
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D
Acq On : 7 Dec 2011 3:13 pm
Sample : 8260 STD 5.0 PPB
Misc :
Quant Time: Dec 08 07:16:35 2011

Vial: 9
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	335223	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	361786	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	168011	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	169748	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	154508	23.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%				
49) TOLUENE SS	5.609	98	346308	24.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	134122	22.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.76%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66460	8.22	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	81395	7.28	UG/L		98
5) CHLOROMETHANE	0.952	50	61230	5.83	UG/L		98
6) VINYL CHLORIDE	1.002	62	73898	7.01	UG/L		99
7) BROMOMETHANE	1.150	94	48375	8.37	UG/L		95
8) CHLOROETHANE	1.194	64	39913	6.38	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	131059	8.29	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	103069	8.20	UG/L		96
11) ETHANOL	1.401	45	4682m	15.22	UG/L		
12) DI ETHYL ETHER	1.451	59	52539	8.33	UG/L		94
13) ACROLEIN	1.518	56	39488	72.38	UG/L		98
14) ACETONE	1.602	43	153987	66.09	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	106247	8.16	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	58771	8.16	UG/L		99
17) IODOMETHANE	1.657	142	953115	85.31	UG/L	#	100
20) METHYL ACETATE	1.786	43	127927	6.95	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	44974	74.31	UG/L	#	96
22) ACRYLONITRILE	2.011	53	25597	7.73	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	105698	6.61	UG/L		88
24) CARBON DISULFIDE	1.694	76	1715357	79.17	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	186508	8.64	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	105484	8.69	UG/L		96
27) 1,1-DICHLOROETHANE	2.324	63	123167	9.40	UG/L		98
28) VINYL ACETATE	2.377	43	1217146	87.98	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	236932	9.23	UG/L		96
31) 2-BUTANONE	2.870	43	259731	89.94	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	211185	9.53	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	112367	10.03	UG/L		95
34) 2,2-DICHLOROPROPANE	2.831	77	65916	8.96	UG/L		95
35) ETHYL ACETATE	2.940	43	59327	9.15	UG/L	#	83
38) BROMOCHLOROMETHANE	3.080	49	59921	9.32	UG/L		87
39) TETRAHYDROFURAN	3.138	42	16485	8.19	UG/L	#	89
40) CHLOROFORM	3.174	83	118835	9.99	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.339	97	93636	9.60	UG/L		99
42) CYCLOHEXANE	3.389	56	107940	9.94	UG/L		93
43) CARBON TETRACHLORIDE	3.506	117	76267	9.60	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	83000	9.26	UG/L		98
45) BENZENE	3.724	78	229112	9.96	UG/L		97
47) T-AMYLMETHYL ETHER	3.872	73	130050	8.91	UG/L		95
50) 1,2-DICHLOROETHANE	3.757	62	92919	11.16	UG/L		99
51) TRICHLOROETHENE	4.387	95	49227	9.71	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	59222	9.62	UG/L		92
53) 1,2-DICHLOROPROPANE	4.613	63	44288	8.96	UG/L		98
54) DIBROMOMETHANE	4.722	93	30200	9.59	UG/L		97
56) 1,4-DIOXANE	4.778	88	3477m	56.19	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

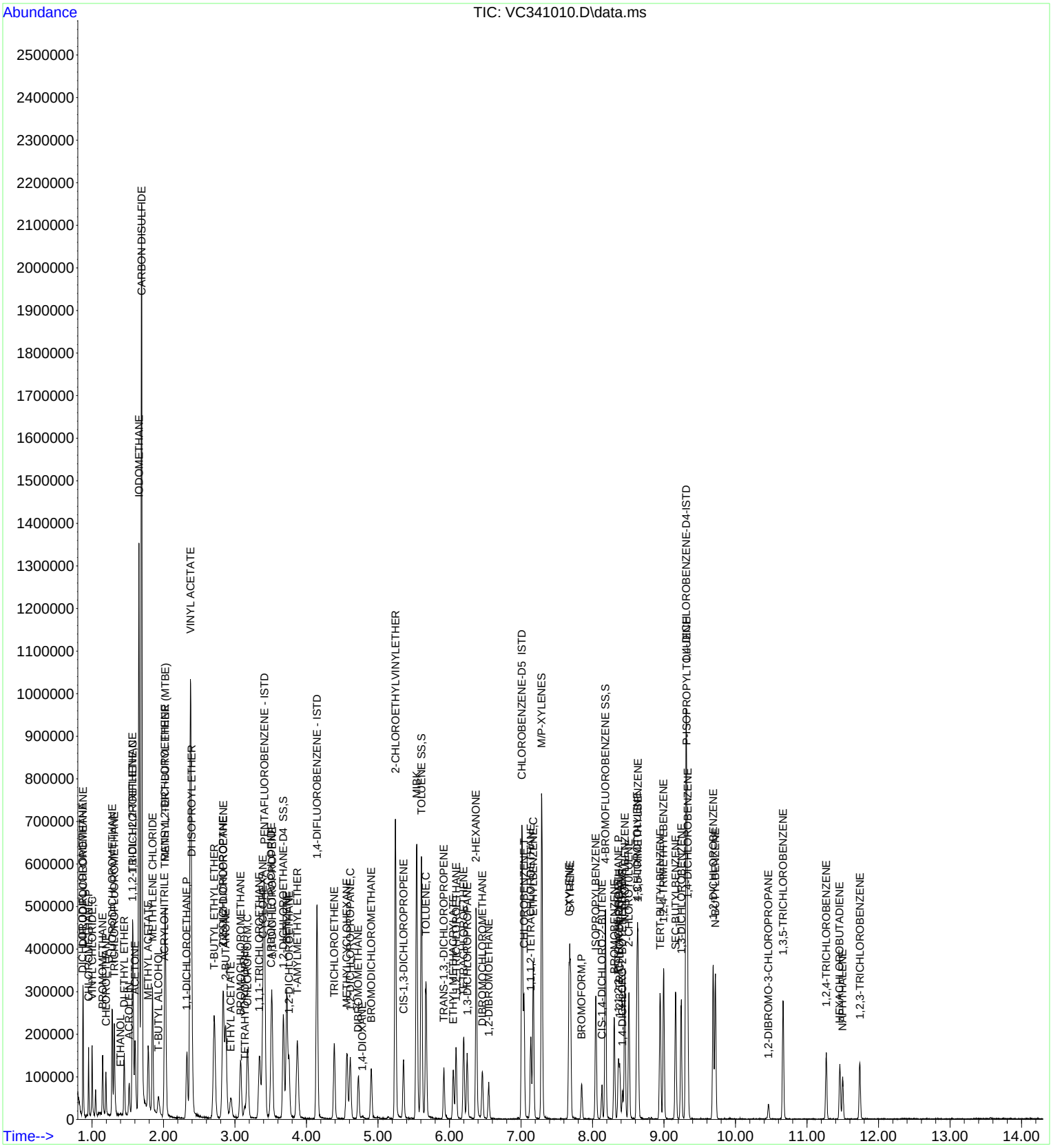
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	62372	9.37	UG/L	98
58)	2-CHLOROETHYLVINYLETHER	5.244	63	254036	93.12	UG/L	94
59)	MIBK	5.542	43	375300	82.81	UG/L	97
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	60584	9.08	UG/L	100
61)	TOLUENE	5.670	91	192432	10.17	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	47659	9.75	UG/L	99
63)	ETHYL METHACRYLATE	6.052	69	45150	9.48	UG/L	91
64)	1,1,2-TRICHLOROETHANE	6.091	97	40886	10.02	UG/L	99
65)	2-HEXANONE	6.370	43	247397	88.98	UG/L	96
66)	TETRACHLOROETHENE	6.194	166	48878	9.65	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	66625	9.90	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.459	129	47945	9.88	UG/L	100
69)	1,2-DIBROMOETHANE	6.549	107	42043	9.79	UG/L	100
72)	CHLOROBENZENE	7.042	112	121996	9.79	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	41582	10.01	UG/L	96
74)	ETHYLBENZENE	7.170	91	209520	10.25	UG/L	98
75)	M/P-XYLENES	7.288	91	366878	22.96	UG/L	98
76)	0-XYLENE	7.672	91	169447	9.82	UG/L	98
77)	STYRENE	7.689	104	136752	9.83	UG/L	99
78)	BROMOFORM	7.845	173	30955	7.59	UG/L	96
79)	ISOPROPYLBENZENE	8.046	105	166680	8.59	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	12716	5.83	UG/L	84
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	50164	8.15	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.417	53	11522	5.70	UG/L	97
83)	BROMOBENZENE	8.305	77	76292	8.32	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	36924	6.08	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	222953	6.60	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	140331	6.82	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	160565	8.99	UG/L	98
88)	4-CHLOROTOLUENE	8.623	91	159999	9.05	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	127506	9.55	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	161452	9.56	UG/L	99
92)	SEC-BUTYLBENZENE	9.164	105	180983	10.00	UG/L	96
93)	1,3-DICHLOROBENZENE	9.242	146	98558	10.09	UG/L	98
94)	P-ISOPROPYLTOLUENE	9.318	119	152141	10.46	UG/L	100
95)	1,4-DICHLOROBENZENE	9.332	146	97392	9.76	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	153271	11.96	UG/L	98
97)	1,2-DICHLOROBENZENE	9.689	146	113983	12.58	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	6950	8.26	UG/L	94
99)	1,3,5-TRICHLOROBENZENE	10.665	180	73114	12.65	UG/L	93
100)	1,2,4-TRICHLOROBENZENE	11.270	180	40944	9.73	UG/L	99
101)	HEXACHLOROBUTADIENE	11.457	225	22921	11.69	UG/L	98
102)	NAPHTHALENE	11.498	128	61173	7.05	UG/L	98
103)	1,2,3-TRICHLOROBENZENE	11.741	180	35296	8.83	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	239743	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	331079	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	231398	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	178430	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	108647	23.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.32%				
49) TOLUENE SS	5.609	98	335299	25.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	131648	16.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 65.40%#				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	124169	21.47	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	159544	19.95	UG/L		98
5) CHLOROMETHANE	0.952	50	121877	16.23	UG/L		99
6) VINYL CHLORIDE	0.999	62	138816	18.42	UG/L		100
7) BROMOMETHANE	1.147	94	88747	23.26	UG/L		99
8) CHLOROETHANE	1.192	64	78214	17.49	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	261162	23.10	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.309	101	206701	22.98	UG/L		97
11) ETHANOL	1.403	45	8977	257.16	UG/L	#	62
12) DI ETHYL ETHER	1.448	59	101246	22.44	UG/L		94
13) ACROLEIN	1.518	56	80857	207.22	UG/L		100
14) ACETONE	1.601	43	296843	178.15	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	213279	22.91	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	116061	22.53	UG/L		99
17) IODOMETHANE	1.654	142	2090446	265.44	UG/L	#	100
20) METHYL ACETATE	1.786	43	239500	18.20	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	89996	207.93	UG/L	#	95
22) ACRYLONITRILE	2.006	53	50950	21.52	UG/L		95
23) METHYLENE CHLORIDE	1.844	49	191922	23.16	UG/L		88
24) CARBON DISULFIDE	1.691	76	3529503	227.78	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	354471	22.97	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	205602	23.70	UG/L		95
27) 1,1-DICHLOROETHANE	2.324	63	236986	28.53	UG/L		100
28) VINYL ACETATE	2.377	43	2092607	211.50	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	387065	21.09	UG/L		92
31) 2-BUTANONE	2.868	43	336434	162.89	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	287579	18.15	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	155009	19.35	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	99732	18.95	UG/L		96
35) ETHYL ACETATE	2.940	43	73715	16.32	UG/L	#	89
38) BROMOCHLOROMETHANE	3.079	49	80408	17.49	UG/L	#	82
39) TETRAHYDROFURAN	3.132	42	19529	13.57	UG/L	#	81
40) CHLOROFORM	3.171	83	169308	19.89	UG/L		97
41) 1,1,1-TRICHLOROETHANE	3.342	97	142672	20.45	UG/L		99
42) CYCLOHEXANE	3.392	56	142291	18.32	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	119841	21.10	UG/L		100
44) 1,1-DICHLOROPROPENE	3.514	75	126589	21.09	UG/L		98
45) BENZENE	3.724	78	340384	20.70	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	211805	20.29	UG/L		98
50) 1,2-DICHLOROETHANE	3.754	62	137524	18.05	UG/L		98
51) TRICHLOROETHENE	4.387	95	95330	20.55	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	117039	20.78	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	89811	19.86	UG/L		99
54) DIBROMOMETHANE	4.725	93	59375	20.61	UG/L		94
56) 1,4-DIOXANE	4.783	88	6627m	179.43	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

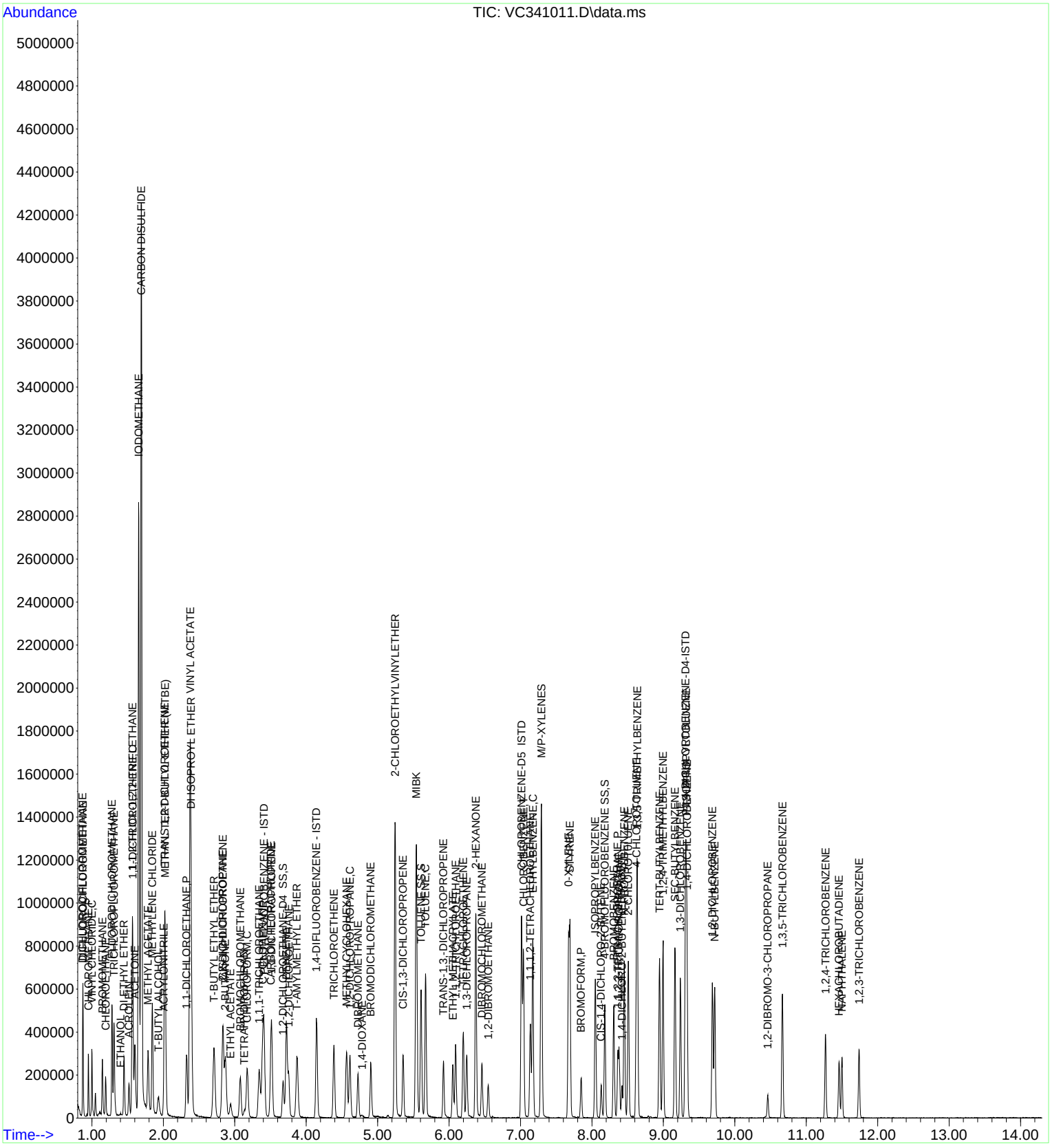
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	133646	21.93	UG/L	100
58)	2-CHLOROETHYLVINYLETHER	5.243	63	519868	208.24	UG/L	94
59)	MIBK	5.542	43	742311	178.99	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	132415	21.67	UG/L	99
61)	TOLUENE	5.670	91	391022	22.57	UG/L	98
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	109224	24.42	UG/L	100
63)	ETHYL METHACRYLATE	6.055	69	96366	22.11	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	83499	22.35	UG/L	96
65)	2-HEXANONE	6.376	43	508490	199.84	UG/L	93
66)	TETRACHLOROETHENE	6.200	166	102050	22.01	UG/L	98
67)	1,3-DICHLOROPROPANE	6.247	76	135155	21.95	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.459	129	105222	23.69	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	83629	21.28	UG/L	100
72)	CHLOROBENZENE	7.042	112	331284	19.30	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	101872	17.80	UG/L	99
74)	ETHYLBENZENE	7.173	91	490444	17.43	UG/L	100
75)	M/P-XYLENES	7.293	91	728157	33.09	UG/L	99
76)	0-XYLENE	7.672	91	385983	16.24	UG/L	100
77)	STYRENE	7.692	104	315376	16.46	UG/L	99
78)	BROMOFORM	7.848	173	75209	13.16	UG/L	99
79)	ISOPROPYLBENZENE	8.046	105	378591	14.62	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	28515	9.32	UG/L	90
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	113664	13.59	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.422	53	26550	10.83	UG/L	99
83)	BROMOBENZENE	8.305	77	169015	13.79	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.378	75	86845	10.15	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	485313	10.17	UG/L	100
86)	2-CHLOROT0LUENE	8.509	91	339828	11.66	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	389428	16.27	UG/L	99
88)	4-CHLOROTOLUENE	8.623	91	366493	15.67	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	308921	22.01	UG/L	98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	362361	20.42	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	493931	25.95	UG/L	99
93)	1,3-DICHLOROBENZENE	9.237	146	222393	21.66	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.320	119	333510	21.81	UG/L	99
95)	1,4-DICHLOROBENZENE	9.332	146	214985	20.49	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	286797	21.60	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	220533	23.16	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	19413	24.00	UG/L	95
99)	1,3,5-TRICHLOROBENZENE	10.667	180	159154	26.56	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.272	180	103744	21.23	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	47563	23.07	UG/L	95
102)	NAPHTHALENE	11.501	128	179626	17.38	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	83331	18.97	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	253600	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	340519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	235626	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	259954	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	118765	23.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%				
49) TOLUENE SS	5.609	98	364966	27.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.76%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	154002	18.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	290348	47.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	397663	47.00	UG/L		97
5) CHLOROMETHANE	0.952	50	315235	39.68	UG/L		97
6) VINYL CHLORIDE	1.002	62	387164	48.56	UG/L		99
7) BROMOMETHANE	1.150	94	262531	67.11	UG/L		97
8) CHLOROETHANE	1.194	64	213738	45.18	UG/L		98
9) FLUORODICHLOROMETHANE	1.284	67	686377	57.39	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	518573	54.50	UG/L		99
12) DI ETHYL ETHER	1.451	59	252216	52.83	UG/L		93
13) ACROLEIN	1.518	56	207863	503.60	UG/L		98
14) ACETONE	1.601	43	758717	430.45	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	529850	53.80	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	292385	53.65	UG/L		99
17) IODOMETHANE	1.657	142	5510817	664.27	UG/L	#	100
20) METHYL ACETATE	1.788	43	603876	43.38	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	225737	493.05	UG/L	#	99
22) ACRYLONITRILE	2.009	53	113409	45.28	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	456618	57.27	UG/L		88
24) CARBON DISULFIDE	1.693	76	8639732	527.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	823834	50.47	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.023	61	456155	49.70	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	415289	48.53	UG/L		99
28) VINYL ACETATE	2.380	43	4133132	394.92	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	744150	38.34	UG/L	#	90
31) 2-BUTANONE	2.870	43	834254	381.85	UG/L		94
32) T-BUTYL ETHYL ETHER	2.709	59	697535	41.61	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	374013	44.15	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	258992	46.52	UG/L		100
35) ETHYL ACETATE	2.946	43	157961	33.64	UG/L	#	97
38) BROMOCHLOROMETHANE	3.082	49	204164	41.98	UG/L	#	83
39) TETRAHYDROFURAN	3.132	42	52455	34.45	UG/L	#	86
40) CHLOROFORM	3.177	83	435044	48.32	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	383958	52.03	UG/L		98
42) CYCLOHEXANE	3.395	56	362794	44.15	UG/L		91
43) CARBON TETRACHLORIDE	3.509	117	321674	53.55	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	320899	52.21	UG/L		99
45) BENZENE	3.724	78	934695	53.73	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	568162	51.46	UG/L		99
50) 1,2-DICHLOROETHANE	3.754	62	382482	48.81	UG/L		100
51) TRICHLOROETHENE	4.390	95	261487	54.81	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	331364	57.20	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	251965	54.17	UG/L		98
54) DIBROMOMETHANE	4.728	93	164778	55.61	UG/L		97
56) 1,4-DIOXANE	4.783	88	17789m	561.09	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	383185	61.14	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.246	63	1434134	558.53	UG/L	93
59)	MIBK	5.545	43	2107851	494.16	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	380341	60.53	UG/L	99
61)	TOLUENE	5.673	91	1033903	58.03	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	303524	65.97	UG/L	98
63)	ETHYL METHACRYLATE	6.052	69	285358	63.64	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	226232	58.89	UG/L	99
65)	2-HEXANONE	6.373	43	1457360	556.88	UG/L	95
66)	TETRACHLOROETHENE	6.200	166	273504	57.34	UG/L	99
67)	1,3-DICHLOROPROPANE	6.247	76	361869	57.15	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.462	129	304358	66.64	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	234666	58.06	UG/L	99
72)	CHLOROBENZENE	7.042	112	935701	53.55	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	333249	57.18	UG/L	98
74)	ETHYLBENZENE	7.173	91	1565945	54.65	UG/L	99
75)	M/P-XYLENES	7.293	91	2274158	101.49	UG/L	100
76)	0-XYLENE	7.672	91	949910	39.24	UG/L	100
77)	STYRENE	7.692	104	780174	40.00	UG/L	100
78)	BROMOFORM	7.848	173	197931	33.57	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	953251	37.20	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	108621	34.16	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	397447	47.38	UG/L	98
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	104720	47.54	UG/L	96
83)	BROMOBENZENE	8.305	77	470570	38.89	UG/L	100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	297228	33.31	UG/L	98
85)	N-PROPYLBENZENE	8.450	91	1461279	29.20	UG/L	100
86)	2-CHLOROT0LUENE	8.512	91	837389	27.61	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1004294	42.08	UG/L	99
88)	4-CHLOROTOLUENE	8.620	91	1050906	45.81	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	1038769	50.80	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1311896	50.75	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	1412416	50.94	UG/L	99
93)	1,3-DICHLOROBENZENE	9.240	146	745529	49.83	UG/L	98
94)	P-ISOPROPYLTOLUENE	9.318	119	1191839	53.50	UG/L	99
95)	1,4-DICHLOROBENZENE	9.329	146	775220	50.71	UG/L	99
96)	N-BUTYLBENZENE	9.719	91	1047148	54.71	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	735254	53.00	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	58261	50.76	UG/L	97
99)	1,3,5-TRICHLOROBENZENE	10.665	180	485614	55.99	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	399197	53.50	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	164356	54.72	UG/L	100
102)	NAPHTHALENE	11.498	128	793281	50.05	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	330815	50.49	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

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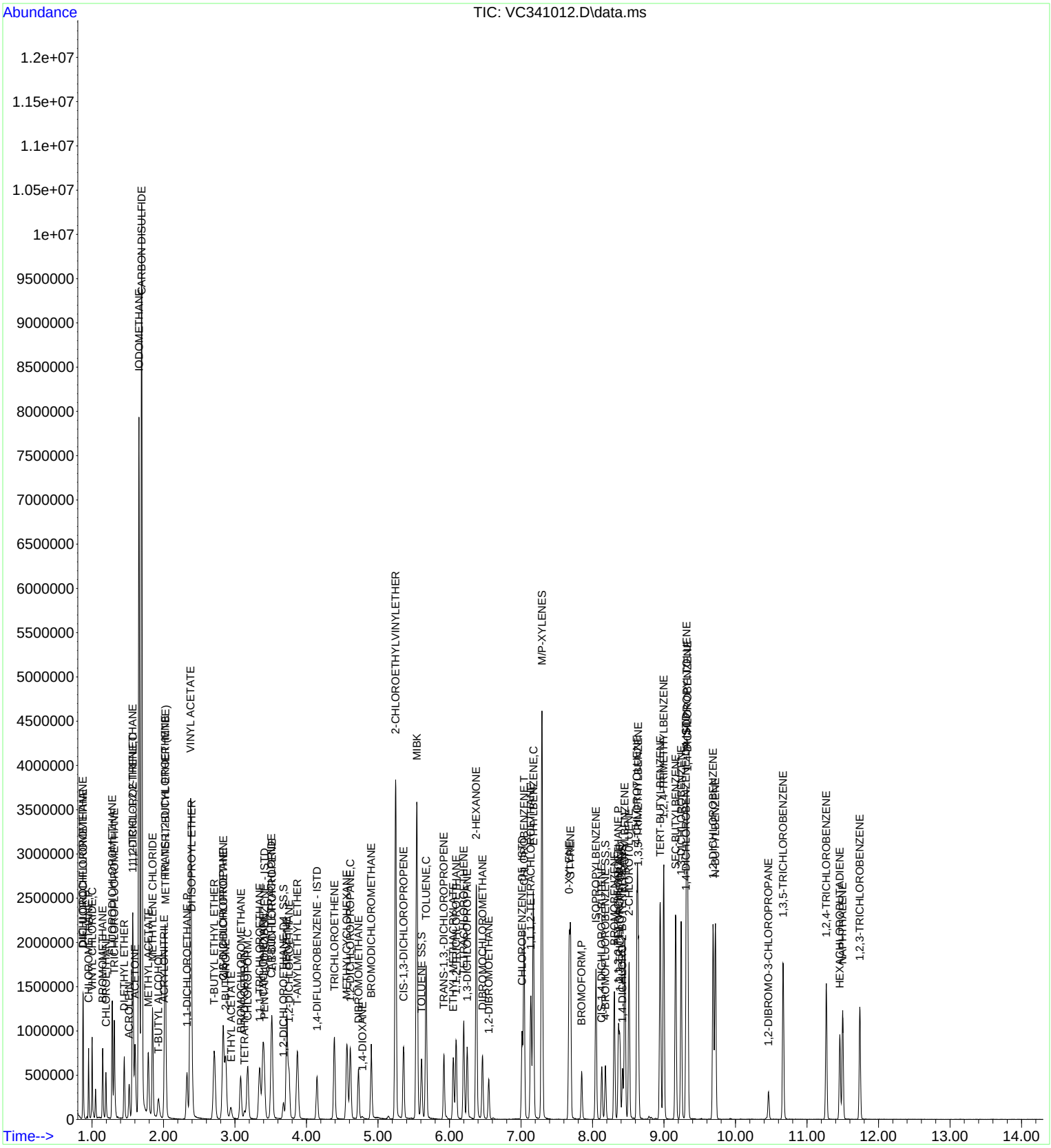
Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	231667	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	330039	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	163361	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	204134	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	106209	23.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.36%				
49) TOLUENE SS	5.612	98	333954	25.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	133818	23.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	521637	93.35	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.876	51	740837	95.85	UG/L		97
5) CHLOROMETHANE	0.952	50	700450	96.51	UG/L		99
6) VINYL CHLORIDE	0.999	62	812838	111.60	UG/L		100
7) BROMOMETHANE	1.147	94	530064	149.71	UG/L		98
8) CHLOROETHANE	1.192	64	410938	95.08	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	1327703	121.52	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.309	101	1027601	118.23	UG/L		98
12) DI ETHYL ETHER	1.448	59	535147	122.72	UG/L		93
13) ACROLEIN	1.521	56	425013	1127.19	UG/L		99
14) ACETONE	1.601	43	1729817	1074.31	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	1061455	117.99	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	596569	119.82	UG/L		100
17) IODOMETHANE	1.654	142	11051088	1460.39	UG/L	#	100
20) METHYL ACETATE	1.788	43	1334332	104.94	UG/L		96
21) T-BUTYL ALCOHOL	1.933	59	603470	1442.88	UG/L	#	99
22) ACRYLONITRILE	2.011	53	223145	97.53	UG/L		97
23) METHYLENE CHLORIDE	1.847	49	915488	130.64	UG/L		87
24) CARBON DISULFIDE	1.688	76	13103071m	875.11	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.028	73	1569407	105.25	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	819580	97.75	UG/L		93
27) 1,1-DICHLOROETHANE	2.326	63	792590	103.49	UG/L		99
28) VINYL ACETATE	2.380	43	8177945	855.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.396	45	1396647	78.76	UG/L	#	89
31) 2-BUTANONE	2.870	43	1768317	886.01	UG/L		93
32) T-BUTYL ETHYL ETHER	2.709	59	1355407	88.51	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	708096	91.50	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	509480	100.17	UG/L		100
35) ETHYL ACETATE	2.946	43	346429	81.58	UG/L	#	98
38) BROMOCHLOROMETHANE	3.079	49	364614	82.06	UG/L	#	80
39) TETRAHYDROFURAN	3.132	42	105268	75.68	UG/L	#	81
40) CHLOROFORM	3.174	83	775505	94.29	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	723163	107.27	UG/L		98
42) CYCLOHEXANE	3.392	56	677584	90.26	UG/L		93
43) CARBON TETRACHLORIDE	3.509	117	626879	114.23	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	599772	108.07	UG/L		98
45) BENZENE	3.724	78	1707185	107.42	UG/L		96
47) T-AMYLMETHYL ETHER	3.871	73	1158916	114.89	UG/L		100
50) 1,2-DICHLOROETHANE	3.754	62	723004	95.20	UG/L		99
51) TRICHLOROETHENE	4.393	95	490868	106.15	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	632117	112.59	UG/L		91
53) 1,2-DICHLOROPROPANE	4.613	63	472494	104.80	UG/L		98
54) DIBROMOMETHANE	4.725	93	315228	109.77	UG/L		97
56) 1,4-DIOXANE	4.781	88	37846	1300.52	UG/L		96
57) BROMODICHLOROMETHANE	4.906	83	713744	117.51	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

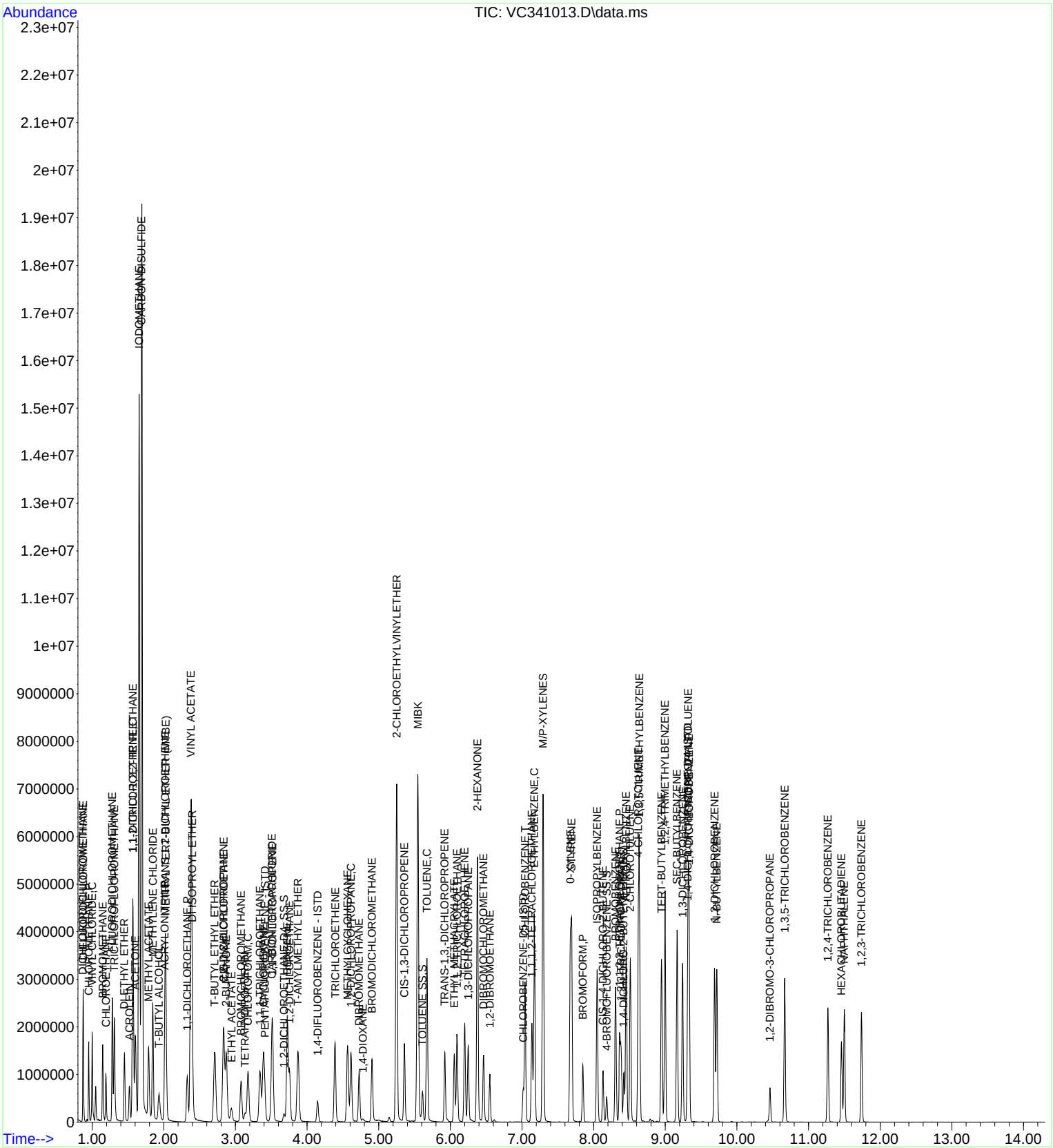
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.252	63	2842310	1142.11	UG/L		93
59)	MIBK	5.547	43	4316698	1044.14	UG/L	#	95
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	725202	119.08	UG/L		98
61)	TOLUENE	5.673	91	1999091	115.76	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	616216	138.18	UG/L		97
63)	ETHYL METHACRYLATE	6.055	69	572866	131.82	UG/L		89
64)	1,1,2-TRICHLOROETHANE	6.091	97	450190	120.90	UG/L		98
65)	2-HEXANONE	6.378	43	3054037	1204.06	UG/L		94
66)	TETRACHLOROETHENE	6.200	166	523592	113.26	UG/L		99
67)	1,3-DICHLOROPROPANE	6.250	76	712842	116.15	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.462	129	593235	134.01	UG/L		99
69)	1,2-DIBROMOETHANE	6.551	107	469668	119.90	UG/L		100
72)	CHLOROBENZENE	7.042	112	1317911	108.78	UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	493961	122.26	UG/L		100
74)	ETHYLBENZENE	7.170	91	2382585	119.93	UG/L		100
75)	M/P-XYLENES	7.293	91	3438873	221.36	UG/L		99
76)	0-XYLENE	7.675	91	1840956	109.70	UG/L		100
77)	STYRENE	7.692	104	1505716	111.34	UG/L		99
78)	BROMOFORM	7.851	173	440051	107.01	UG/L		100
79)	ISOPROPYLBENZENE	8.049	105	1811836	103.23	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	184459	83.30	UG/L		97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	706165	121.88	UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	179975	120.72	UG/L		99
83)	BROMOBENZENE	8.305	77	938698	113.17	UG/L		100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	504826	81.13	UG/L		99
85)	N-PROPYLBENZENE	8.453	91	2518564	71.92	UG/L		99
86)	2-CHLOROT0LUENE	8.512	91	1583453	74.54	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1990249	121.34	UG/L		100
88)	4-CHLOROTOLUENE	8.623	91	1887488	120.17	UG/L		100
90)	TERT-BUTYLBENZENE	8.947	119	1552894	96.70	UG/L		99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1995508	98.30	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	2308794	106.04	UG/L		100
93)	1,3-DICHLOROBENZENE	9.242	146	1136706	96.76	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.320	119	1865249	106.63	UG/L		99
95)	1,4-DICHLOROBENZENE	9.334	146	1212842	101.02	UG/L		99
96)	N-BUTYLBENZENE	9.719	91	1497572	99.95	UG/L		100
97)	1,2-DICHLOROBENZENE	9.689	146	1093102	100.35	UG/L		100
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	137734	155.30	UG/L		98
99)	1,3,5-TRICHLOROBENZENE	10.667	180	812659	119.71	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.270	180	659474	110.81	UG/L		100
101)	HEXACHLOROBUTADIENE	11.459	225	291203	123.47	UG/L		99
102)	NAPHTHALENE	11.498	128	1523176	120.52	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	604393	116.55	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341013.D
Acq On : 7 Dec 2011 5:14 pm
Sample : 8260 STD 100 PPB
Misc :
Quant Time: Dec 08 07:29:22 2011

Vial: 13
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	383883	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	553491	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	270248	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	275794	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	183366	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
49) TOLUENE SS	5.614	98	561466	25.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	207829	22.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.40%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	831850	89.83	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.876	51	1207046	94.24	UG/L	97
5) CHLOROMETHANE	0.952	50	1044846	86.88	UG/L	100
6) VINYL CHLORIDE	1.002	62	1296771	107.44	UG/L	100
7) BROMOMETHANE	1.144	94	882095	150.36	UG/L	100
8) CHLOROETHANE	1.192	64	674969	94.25	UG/L	100
9) FLUORODICHLOROMETHANE	1.281	67	2245306	124.02	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.309	101	1785240	123.95	UG/L	100
12) DI ETHYL ETHER	1.451	59	901358	124.74	UG/L	94
13) ACROLEIN	1.521	56	797073	1275.73	UG/L	100
14) ACETONE	1.604	43	2773958	1039.67	UG/L	94
15) 1,1-DICHLOROETHENE	1.568	61	1836803	123.21	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	1059864	128.47	UG/L	100
17) IODOMETHANE	1.649	142	14271852m	1137.77	UG/L	
20) METHYL ACETATE	1.788	43	2193693	104.12	UG/L	95
21) T-BUTYL ALCOHOL	1.931	59	922264	1330.75	UG/L	98
22) ACRYLONITRILE	2.009	53	482980	127.39	UG/L	98
23) METHYLENE CHLORIDE	1.847	49	1598729	137.90	UG/L	89
24) CARBON DISULFIDE	1.685	76	15695199m	632.59	UG/L	
25) METHYL TERT-BUTYL ETHE...	2.028	73	3409299	137.98	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	1845481	132.83	UG/L	95
27) 1,1-DICHLOROETHANE	2.327	63	2260716	179.53	UG/L	99
28) VINYL ACETATE	2.374	43	18972095m	1197.55	UG/L	
29) DI ISOPROYL ETHER	2.396	45	4081386	138.90	UG/L	92
31) 2-BUTANONE	2.873	43	4976870	1504.87	UG/L	94
32) T-BUTYL ETHYL ETHER	2.711	59	4117667	162.28	UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.837	61	2100884	163.82	UG/L	96
34) 2,2-DICHLOROPROPANE	2.834	77	1467133	174.07	UG/L	98
35) ETHYL ACETATE	2.943	43	967578	137.90	UG/L	95
38) BROMOCHLOROMETHANE	3.077	49	1113930	151.30	UG/L	90
39) TETRAHYDROFURAN	3.135	42	318126	138.02	UG/L	90
40) CHLOROFORM	3.177	83	2194149	160.99	UG/L	99
41) 1,1,1-TRICHLOROETHANE	3.347	97	1953902	174.90	UG/L	98
42) CYCLOHEXANE	3.392	56	2032918	163.43	UG/L	94
43) CARBON TETRACHLORIDE	3.509	117	1651110	181.57	UG/L	99
44) 1,1-DICHLOROPROPENE	3.520	75	1662644	181.59	UG/L	99
45) BENZENE	3.726	78	4575944	173.76	UG/L	97
47) T-AMYLMETHYL ETHER	3.874	73	2987177	178.72	UG/L	100
50) 1,2-DICHLOROETHANE	3.757	62	1842244	144.65	UG/L	98
51) TRICHLOROETHENE	4.390	95	1262300	162.77	UG/L	99
52) METHYLCYCLOHEXANE	4.569	83	1746234	185.46	UG/L	93
53) 1,2-DICHLOROPROPANE	4.613	63	1299561	171.87	UG/L	97
54) DIBROMOMETHANE	4.725	93	800325	166.18	UG/L	99
56) 1,4-DIOXANE	4.778	88	91003	1889.69	UG/L	91
57) BROMODICHLOROMETHANE	4.906	83	1796522	176.37	UG/L	99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

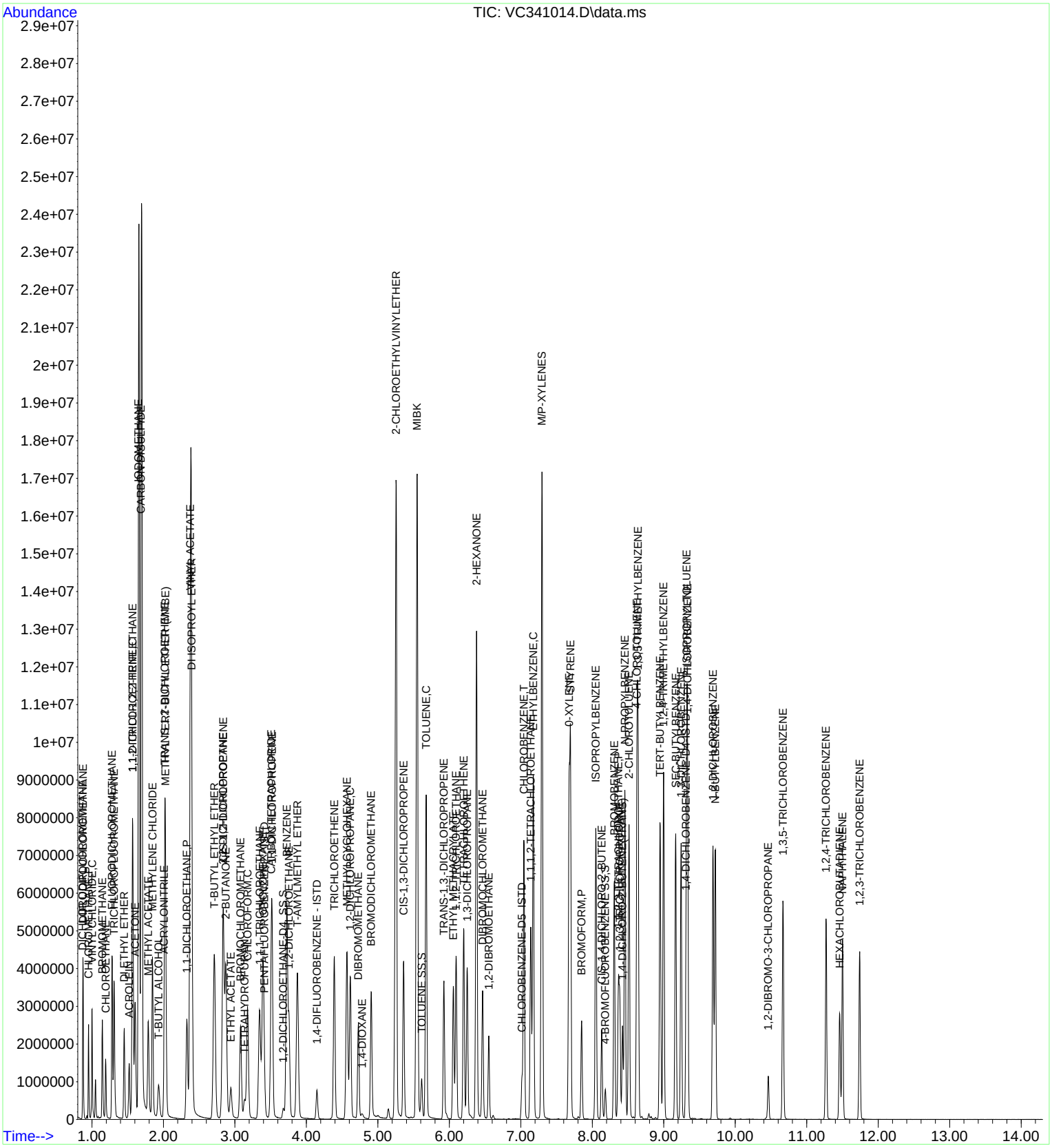
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.255	63	7241807	1735.15	UG/L	91
59)	MIBK	5.547	43	10297668	1485.25	UG/L	95
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	1895197	185.56	UG/L	100
61)	TOLUENE	5.676	91	5062894	174.81	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	1595003	213.27	UG/L	98
63)	ETHYL METHACRYLATE	6.055	69	1443636	198.09	UG/L	89
64)	1,1,2-TRICHLOROETHANE	6.094	97	1120391	179.42	UG/L	98
65)	2-HEXANONE	6.381	43	7172270	1686.10	UG/L	92
66)	TETRACHLOROETHENE	6.203	166	1261100	162.67	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	1833857	178.17	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.465	129	1458168	196.41	UG/L	100
69)	1,2-DIBROMOETHANE	6.551	107	1121573	170.73	UG/L	100
72)	CHLOROBENZENE	7.042	112	3241284	161.72	UG/L	100
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	1217776	182.19	UG/L	99
74)	ETHYLBENZENE	7.176	91	5637728	171.54	UG/L	100
75)	M/P-XYLENES	7.296	91	8517290	331.42	UG/L	99
76)	0-XYLENE	7.675	91	4393749	158.26	UG/L	100
77)	STYRENE	7.695	104	3639123	162.66	UG/L	98
78)	BROMOFORM	7.851	173	1004037	147.48	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	4474159	154.44	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	424284	115.72	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.367	83	1402609	146.39	UG/L	100
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	411165	167.45	UG/L	97
83)	BROMOBENZENE	8.308	77	2066917	150.86	UG/L	98
84)	1,2,3-TRICHLOROPROPANE	8.386	75	1064064	103.27	UG/L	99
85)	N-PROPYLBENZENE	8.456	91	5951559	102.54	UG/L	99
86)	2-CHLOROT0LUENE	8.515	91	3682779	104.62	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	4214011	155.46	UG/L	100
88)	4-CHLOROTOLUENE	8.623	91	4179571	161.16	UG/L	100
90)	TERT-BUTYLBENZENE	8.947	119	3366030	155.15	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	4261215	155.37	UG/L	99
92)	SEC-BUTYLBENZENE	9.167	105	4584629	155.85	UG/L	99
93)	1,3-DICHLOROBENZENE	9.242	146	2472524	155.78	UG/L	100
94)	P-ISOPROPYLTOLUENE	9.320	119	3864379	163.52	UG/L	100
95)	1,4-DICHLOROBENZENE	9.334	146	2531656	156.08	UG/L	99
96)	N-BUTYLBENZENE	9.722	91	3432975	169.87	UG/L	99
97)	1,2-DICHLOROBENZENE	9.689	146	2405212	163.43	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	225384	188.36	UG/L	96
99)	1,3,5-TRICHLOROBENZENE	10.667	180	1605607	175.21	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	1403401	173.64	UG/L	100
101)	HEXACHLOROBUTADIENE	11.462	225	512621	160.87	UG/L	99
102)	NAPHTHALENE	11.501	128	3053083	178.18	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	1181827	168.38	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341014.D
Acq On : 7 Dec 2011 5:44 pm
Sample : 8260 STD 200 PPB
Misc :
Quant Time: Dec 08 07:32:03 2011

Vial: 14
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC346002.D	Calibration Date:	12/07/11 00:00
Sequence:	S001575	Injection Date:	12/12/11
Lab Sample ID:	S001575-CCV1	Injection Time:	07:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	89.1	0.1614669	0.1438574		-10.9	20	
Acrylonitrile	A	10.0	8.60	0.2628468	0.2259393		-14.0	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.5	1.273677	1.332872		4.6	20	
Benzene	A	10.0	10.9	2.134214	2.332454		9.3	20	
Bromobenzene	A	10.0	10.4	1.37381	1.428814		4.0	20	
Bromochloromethane	A	10.0	12.4	0.5012127	0.6235457		24.4	20	*
Bromodichloromethane	L	10.0	9.78	0.5645274	0.6161684		-2.2	20	
Bromoform	A	10.0	10.6	0.4866712	0.5148222		5.8	20	
Bromomethane	L	10.0	11.1	0.6502824	0.6704055		10.9	20	
2-Butanone (MEK)	A	100	107	0.2092159	0.2238717		7.0	20	
tert-Butyl Alcohol (TBA)	A	100	84.8	4.223223E-02	0.0358273		-15.2	20	
n-Butylbenzene	L	10.0	8.79	2.024433	2.315682		-12.1	20	
sec-Butylbenzene	A	10.0	10.4	3.255788	3.373315		3.6	20	
tert-Butylbenzene	A	10.0	10.5	2.321322	2.428114		4.6	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.2	1.753296	1.971322		12.4	20	
Carbon Disulfide	L	100	86.8	1.661109	1.706325		-13.2	20	
Carbon Tetrachloride	A	10.0	10.9	0.6953856	0.7583268		9.1	20	
Chlorobenzene	A	10.0	10.4	2.236097	2.313509		3.5	20	
Chlorodibromomethane	A	10.0	11.6	0.372674	0.4315892		15.8	20	
Chloroethane	A	10.0	9.60	0.4455245	0.4275802		-4.0	20	
Chloroform	A	10.0	11.8	1.024886	1.208205		17.9	20	
Chloromethane	A	10.0	10.6	0.7216897	0.764625		5.9	20	
2-Chlorotoluene	A	10.0	10.5	2.358593	2.477831		5.1	20	
4-Chlorotoluene	A	10.0	10.2	2.778829	2.82878		1.8	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC346002.D	Calibration Date:	12/07/11 00:00
Sequence:	S001575	Injection Date:	12/12/11
Lab Sample ID:	S001575-CCV1	Injection Time:	07:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	7.91	0.1229792	0.1081791		-20.9	20	*
1,2-Dibromoethane (EDB)	A	10.0	9.62	0.3621682	0.3482401		-3.8	20	
Dibromomethane	A	10.0	10.1	0.2645882	0.2683275		1.4	20	
1,2-Dichlorobenzene	A	10.0	10.1	1.65366	1.677015		1.4	20	
1,3-Dichlorobenzene	A	10.0	10.4	1.699502	1.776012		4.5	20	
1,4-Dichlorobenzene	A	10.0	10.2	1.730563	1.756192		1.5	20	
trans-1,4-Dichloro-2-butene	A	10.0	10.9	0.1768173	0.1923101		8.8	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.4	0.6822418	0.7080459		3.8	20	
1,1-Dichloroethane	A	10.0	10.8	1.115459	1.203284		7.9	20	
1,2-Dichloroethane	A	10.0	10.6	0.6364561	0.6751065		6.1	20	
1,1-Dichloroethylene	L	10.0	8.77	1.071353	1.061056		-12.3	20	
cis-1,2-Dichloroethylene	A	10.0	11.3	0.9550192	1.079968		13.1	20	
trans-1,2-Dichloroethylene	A	10.0	9.79	1.005576	0.9845204		-2.1	20	
1,2-Dichloropropane	A	10.0	10.9	0.4035074	0.4390547		8.8	20	
1,3-Dichloropropane	A	10.0	10.5	0.5752358	0.6055283		5.3	20	
2,2-Dichloropropane	A	10.0	10.8	0.5802999	0.6292825		8.4	20	
1,1-Dichloropropene	A	10.0	11.3	0.7645043	0.8658885		13.3	20	
cis-1,3-Dichloropropene	A	10.0	11.2	0.5083759	0.5704711		12.2	20	
trans-1,3-Dichloropropene	A	10.0	11.2	0.388793	0.4368032		12.3	20	
Diethyl Ether	A	10.0	9.62	0.5148191	0.4954225		-3.8	20	
Diisopropyl Ether (DIPE)	A	10.0	11.5	1.968366	2.256875		14.7	20	
1,4-Dioxane	A	100	117	3.036147E-03	0.0035419		16.7	20	
Ethylbenzene	A	10.0	10.4	3.724122	3.89006		4.5	20	
Hexachlorobutadiene	L	10.0	9.37	0.3565245	0.3644361		-6.3	20	
2-Hexanone (MBK)	A	100	100	0.200032	0.2008711		0.4	20	

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CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC346002.D	Calibration Date:	12/07/11 00:00
Sequence:	S001575	Injection Date:	12/12/11
Lab Sample ID:	S001575-CCV1	Injection Time:	07:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.9	2.79466	3.036591		8.7	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.6	2.586133	2.742864		6.1	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.41	1.786272	1.680022		-5.9	20	
Methylene Chloride	A	10.0	9.83	1.15993	1.140758		-1.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	99.1	0.3269849	0.3241833		-0.9	20	
Naphthalene	L	10.0	8.24	1.319631	0.7671133		-17.6	20	
n-Propylbenzene	A	10.0	10.4	3.72859	3.880268		4.1	20	
Styrene	A	10.0	10.7	2.238429	2.393549		6.9	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.2	0.7555013	0.7717378		2.1	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.42	0.8842666	0.8327622		-5.8	20	
Tetrachloroethylene	A	10.0	9.43	0.4403607	0.4150678		-5.7	20	
Tetrahydrofuran	A	10.0	10.2	0.1368709	0.1393513		1.8	20	
Toluene	A	10.0	9.85	1.715396	1.690158		-1.5	20	
1,2,3-Trichlorobenzene	L	10.0	8.20	0.5966709	0.4301941		-18.0	20	
1,2,4-Trichlorobenzene	L	10.0	7.66	0.6405135	0.5683981		-23.4	20	*
1,3,5-Trichlorobenzene	L	10.0	8.51	0.8922156	0.9945274		-14.9	20	
1,1,1-Trichloroethane	A	10.0	11.8	0.8309621	0.9768537		17.6	20	
1,1,2-Trichloroethane	A	10.0	9.29	0.3744895	0.3479469		-7.1	20	
Trichloroethylene	A	10.0	10.4	0.4215348	0.437932		3.9	20	
Trichlorofluoromethane (Freon 11)	A	10.0	11.0	0.926608	1.015398		9.6	20	
1,2,3-Trichloropropane	A	10.0	9.85	0.6611642	0.6510501		-1.5	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	L	10.0	8.83	0.5908211	0.5874579		-11.7	20	
1,2,4-Trimethylbenzene	A	10.0	11.3	2.85258	3.21963		12.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC346002.D	Calibration Date:	12/07/11 00:00
Sequence:	S001575	Injection Date:	12/12/11
Lab Sample ID:	S001575-CCV1	Injection Time:	07:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.6	2.746335	2.909811		6.0	20
Vinyl Chloride	A	10.0	9.99	0.8369604	0.8358182		-0.1	20
m+p Xylene	A	20.0	20.7	2.88165	2.987618		3.7	20
o-Xylene	A	10.0	10.8	2.832473	3.051232		7.7	20
1,2-Dichloroethane-d4	A	25.0	26.3	0.5631325	0.5930017		5.3	
Toluene-d8	A	25.0	24.4	1.205274	1.178421		-2.2	
4-Bromofluorobenzene	A	25.0	24.7	0.8849197	0.8754792		-1.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346002.D Vial: 2
Acq On : 12 Dec 2011 7:43 am Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 12 22:25:21 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	341999	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	481013	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	227024	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	208127	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	169005	26.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.32%				
49) TOLUENE SS	5.606	98	472363	24.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.76%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	165629	24.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	80717	10.38	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	108671	10.93	UG/L		98
5) CHLOROMETHANE	0.952	50	87167	10.59	UG/L		98
6) VINYL CHLORIDE	1.002	62	95283	9.99	UG/L		100
7) BROMOMETHANE	1.150	94	76426	11.09	UG/L		99
8) CHLOROETHANE	1.194	64	48744	9.60	UG/L		96
9) FLUORODICHLOROMETHANE	1.284	67	151734	8.74	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.311	101	115755	10.96	UG/L		99
11) ETHANOL	1.395	45	6042m	96.29	UG/L		
12) DI ETHYL ETHER	1.451	59	56478	9.62	UG/L		99
13) ACROLEIN	1.518	56	40135	78.55	UG/L		100
14) ACETONE	1.599	43	163997	89.09	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	120960	8.77	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	66970	8.83	UG/L		94
17) IODOMETHANE	1.657	142	1066674	81.42	UG/L	#	100
20) METHYL ACETATE	1.786	43	177782	12.46	UG/L		98
21) T-BUTYL ALCOHOL	1.922	59	40843	84.83	UG/L	#	91
22) ACRYLONITRILE	2.003	53	25757	8.60	UG/L		95
23) METHYLENE CHLORIDE	1.847	49	130046	9.83	UG/L		95
24) CARBON DISULFIDE	1.694	76	1945205	86.78	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	191522	9.41	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	112235	9.79	UG/L		99
27) 1,1-DICHLOROETHANE	2.327	63	137174	10.79	UG/L		99
28) VINYL ACETATE	2.374	43	1020371	73.91	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	257283	11.47	UG/L		92
31) 2-BUTANONE	2.868	43	255213	107.01	UG/L		96
32) T-BUTYL ETHYL ETHER	2.706	59	224730	11.24	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.834	61	123116	11.31	UG/L		99
34) 2,2-DICHLOROPROPANE	2.828	77	71738	10.84	UG/L		99
35) ETHYL ACETATE	2.940	43	50632	9.50	UG/L		97
38) BROMOCHLOROMETHANE	3.074	49	71084	12.44	UG/L		96
39) TETRAHYDROFURAN	3.132	42	15886	10.18	UG/L		92
40) CHLOROFORM	3.174	83	137735	11.79	UG/L		97
41) 1,1,1-TRICHLOROETHANE	3.342	97	111361	11.76	UG/L		99
42) CYCLOHEXANE	3.386	56	120702	11.86	UG/L		99
43) CARBON TETRACHLORIDE	3.506	117	86449	10.91	UG/L		95
44) 1,1-DICHLOROPROPENE	3.514	75	98711	11.33	UG/L		95
45) BENZENE	3.721	78	265899	10.93	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	151947	10.46	UG/L	#	92
50) 1,2-DICHLOROETHANE	3.752	62	108245	10.61	UG/L		100
51) TRICHLOROETHENE	4.387	95	70217	10.39	UG/L		99
52) METHYLCYCLOHEXANE	4.563	83	88618	10.45	UG/L		96
53) 1,2-DICHLOROPROPANE	4.613	63	70397	10.88	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	43023	10.14	UG/L		99
56) 1,4-DIOXANE	4.772	88	5679m	116.66	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346002.D Vial: 2
Acq On : 12 Dec 2011 7:43 am Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 12 22:25:21 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

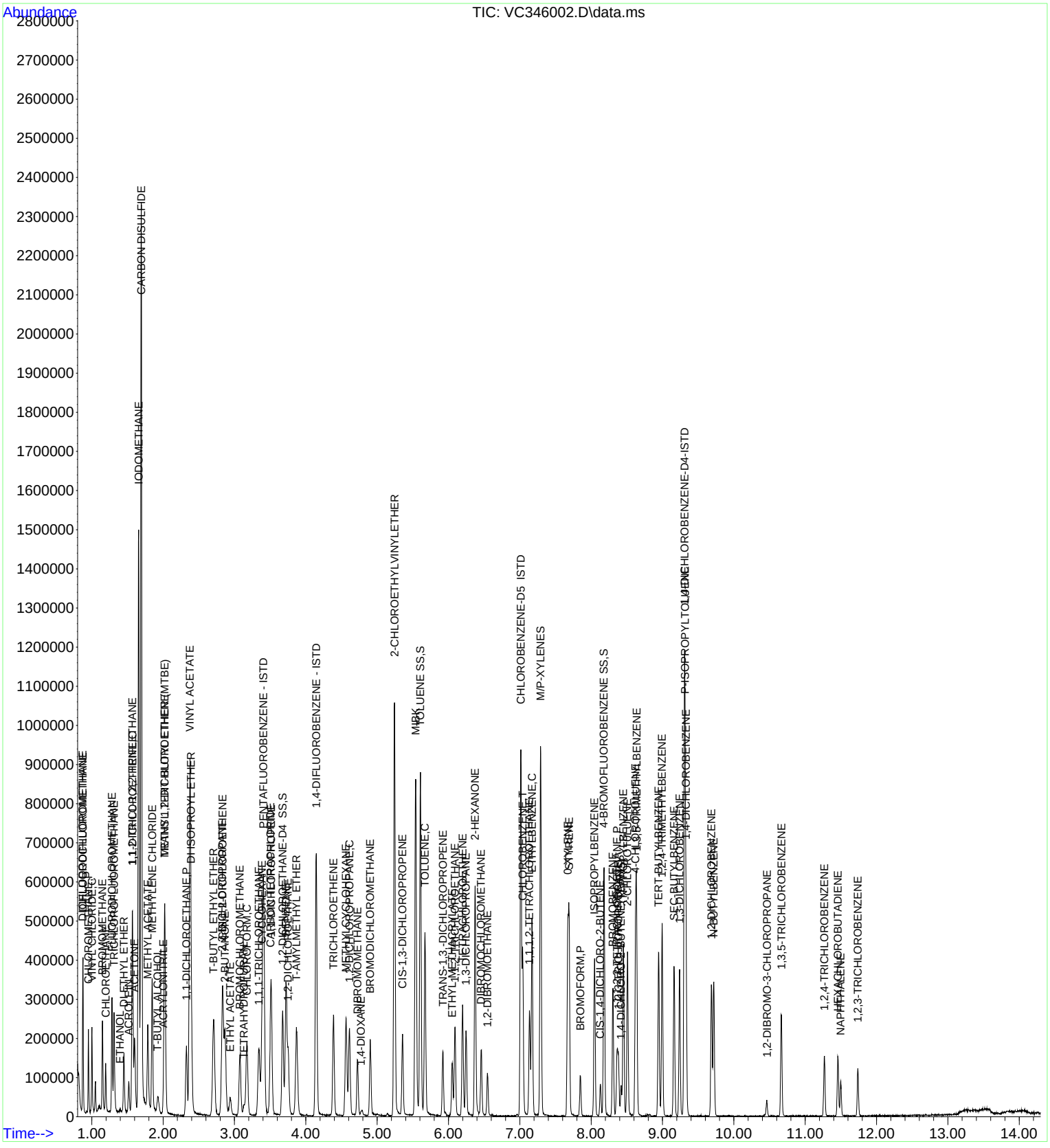
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	98795	9.78	UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.243	63	384700	110.57	UG/L		92
59)	MIBK	5.542	43	519788	99.14	UG/L		96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	91468	11.22	UG/L		100
61)	TOLUENE	5.670	91	270996	9.85	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	70036	11.23	UG/L		97
63)	ETHYL METHACRYLATE	6.052	69	55645	7.68	UG/L		96
64)	1,1,2-TRICHLOROETHANE	6.088	97	55789	9.29	UG/L		97
65)	2-HEXANONE	6.373	43	322072	100.42	UG/L		95
66)	TETRACHLOROETHENE	6.200	166	66551	9.43	UG/L		98
67)	1,3-DICHLOROPROPANE	6.245	76	97089	10.53	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.456	129	69200	11.58	UG/L		98
69)	1,2-DIBROMOETHANE	6.546	107	55836	9.62	UG/L		97
72)	CHLOROBENZENE	7.039	112	175074	10.35	UG/L		96
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	58401	10.21	UG/L		99
74)	ETHYLBENZENE	7.170	91	294379	10.45	UG/L		100
75)	M/P-XYLENES	7.290	91	452174	20.74	UG/L		100
76)	0-XYLENE	7.672	91	230901	10.77	UG/L		99
77)	STYRENE	7.692	104	181131	10.69	UG/L		94
78)	BROMOFORM	7.851	173	38959	10.58	UG/L		99
79)	ISOPROPYLBENZENE	8.046	105	229793	10.87	UG/L		97
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	15413	8.81	UG/L	#	82
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	63019	9.42	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	14553	10.88	UG/L		89
83)	BROMOBENZENE	8.303	77	108125	10.40	UG/L		96
84)	1,2,3-TRICHLOROPROPANE	8.383	75	49268	9.85	UG/L		98
85)	N-PROPYLBENZENE	8.450	91	293638	10.41	UG/L		98
86)	2-CHLOROT0LUENE	8.509	91	187509	10.51	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	220199	10.60	UG/L		95
88)	4-CHLOROTOLUENE	8.620	91	214067	10.18	UG/L		98
90)	TERT-BUTYLBENZENE	8.944	119	168452	10.46	UG/L		96
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	223364	11.29	UG/L		96
92)	SEC-BUTYLBENZENE	9.161	105	234026	10.36	UG/L		100
93)	1,3-DICHLOROBENZENE	9.240	146	123212	10.45	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.318	119	190288	10.61	UG/L		98
95)	1,4-DICHLOROBENZENE	9.329	146	121837	10.15	UG/L		97
96)	N-BUTYLBENZENE	9.716	91	160652	8.79	UG/L		99
97)	1,2-DICHLOROBENZENE	9.686	146	116344	10.14	UG/L		98
98)	1,2-DIBROMO-3-CHLOROPR...	10.467	75	7505	7.91	UG/L		94
99)	1,3,5-TRICHLOROBENZENE	10.667	180	68996	8.51	UG/L		97
100)	1,2,4-TRICHLOROBENZENE	11.270	180	39433	7.66	UG/L		99
101)	HEXACHLOROBUTADIENE	11.459	225	25283	9.37	UG/L		98
102)	NAPHTHALENE	11.498	128	53219	8.24	UG/L	#	98
103)	1,2,3-TRICHLOROBENZENE	11.738	180	29845	8.20	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346002.D Vial: 2
Acq On : 12 Dec 2011 7:43 am Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 12 22:25:21 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001575	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001575-CCV1)			*Lab File ID: VC346002.D*			*Analyzed: 12/12/11 07:43*			
Pentafluorobenzene	341999	3.41	335223	3.411	102	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	481013	4.15	361786	4.148	133	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	227024	7.01	168011	7.012	135	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	208127	9.31	169748	9.309	123	50 - 200	0.0010	+/-0.50	
LCS (B042460-BS1)			*Lab File ID: VC346004.D*			*Analyzed: 12/12/11 08:43*			
Pentafluorobenzene	317641	3.41	341999	3.41	93	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	434368	4.14	481013	4.15	90	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	192869	7.01	227024	7.01	85	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	211483	9.31	208127	9.31	102	50 - 200	0.0000	+/-0.50	
LCS Dup (B042460-BSD1)			*Lab File ID: VC346005.D*			*Analyzed: 12/12/11 09:13*			
Pentafluorobenzene	349356	3.41	341999	3.41	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	509877	4.14	481013	4.15	106	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	256609	7.01	227024	7.01	113	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	242784	9.31	208127	9.31	117	50 - 200	0.0000	+/-0.50	
Blank (B042460-BLK1)			*Lab File ID: VC346007.D*			*Analyzed: 12/12/11 10:14*			
Pentafluorobenzene	257612	3.41	341999	3.41	75	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	346062	4.14	481013	4.15	72	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	178693	7.01	227024	7.01	79	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	157120	9.31	208127	9.31	75	50 - 200	0.0000	+/-0.50	
TB-120111 (11L0105-01)			*Lab File ID: VC346011.D*			*Analyzed: 12/12/11 12:16*			
Pentafluorobenzene	253358	3.41	341999	3.41	74	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	366911	4.14	481013	4.15	76	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	199754	7.01	227024	7.01	88	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	176437	9.31	208127	9.31	85	50 - 200	0.0000	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001575	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW20-100 (11L0105-02)			*Lab File ID: VC346018.D*			*Analyzed: 12/12/11 15:48*			
Pentafluorobenzene	298739	3.41	341999	3.41	87	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	422830	4.14	481013	4.15	88	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	211802	7.01	227024	7.01	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	202753	9.31	208127	9.31	97	50 - 200	0.0000	+/-0.50	
PW20-125 (11L0105-03)			*Lab File ID: VC346019.D*			*Analyzed: 12/12/11 16:18*			
Pentafluorobenzene	291486	3.41	341999	3.41	85	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	365147	4.14	481013	4.15	76	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	180995	7.01	227024	7.01	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	170209	9.31	208127	9.31	82	50 - 200	0.0000	+/-0.50	
PW20-125D (11L0105-04)			*Lab File ID: VC346020.D*			*Analyzed: 12/12/11 16:48*			
Pentafluorobenzene	324766	3.41	341999	3.41	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	459748	4.14	481013	4.15	96	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	225278	7.01	227024	7.01	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	214356	9.31	208127	9.31	103	50 - 200	0.0000	+/-0.50	
PW20-150 (11L0105-05)			*Lab File ID: VC346021.D*			*Analyzed: 12/12/11 17:19*			
Pentafluorobenzene	294300	3.41	341999	3.41	86	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	420762	4.14	481013	4.15	87	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	204006	7.01	227024	7.01	90	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	171025	9.31	208127	9.31	82	50 - 200	0.0000	+/-0.50	
PW20-175 (11L0105-06)			*Lab File ID: VC346022.D*			*Analyzed: 12/12/11 17:49*			
Pentafluorobenzene	301806	3.41	341999	3.41	88	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	427858	4.14	481013	4.15	89	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	209983	7.01	227024	7.01	92	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	155073	9.31	208127	9.31	75	50 - 200	0.0000	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BLK1	File ID:	VC346007.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 10:14
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BLK1	File ID:	VC346007.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 10:14
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BLK1	File ID:	VC346007.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 10:14
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346007.D
Acq On : 12 Dec 2011 10:14 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

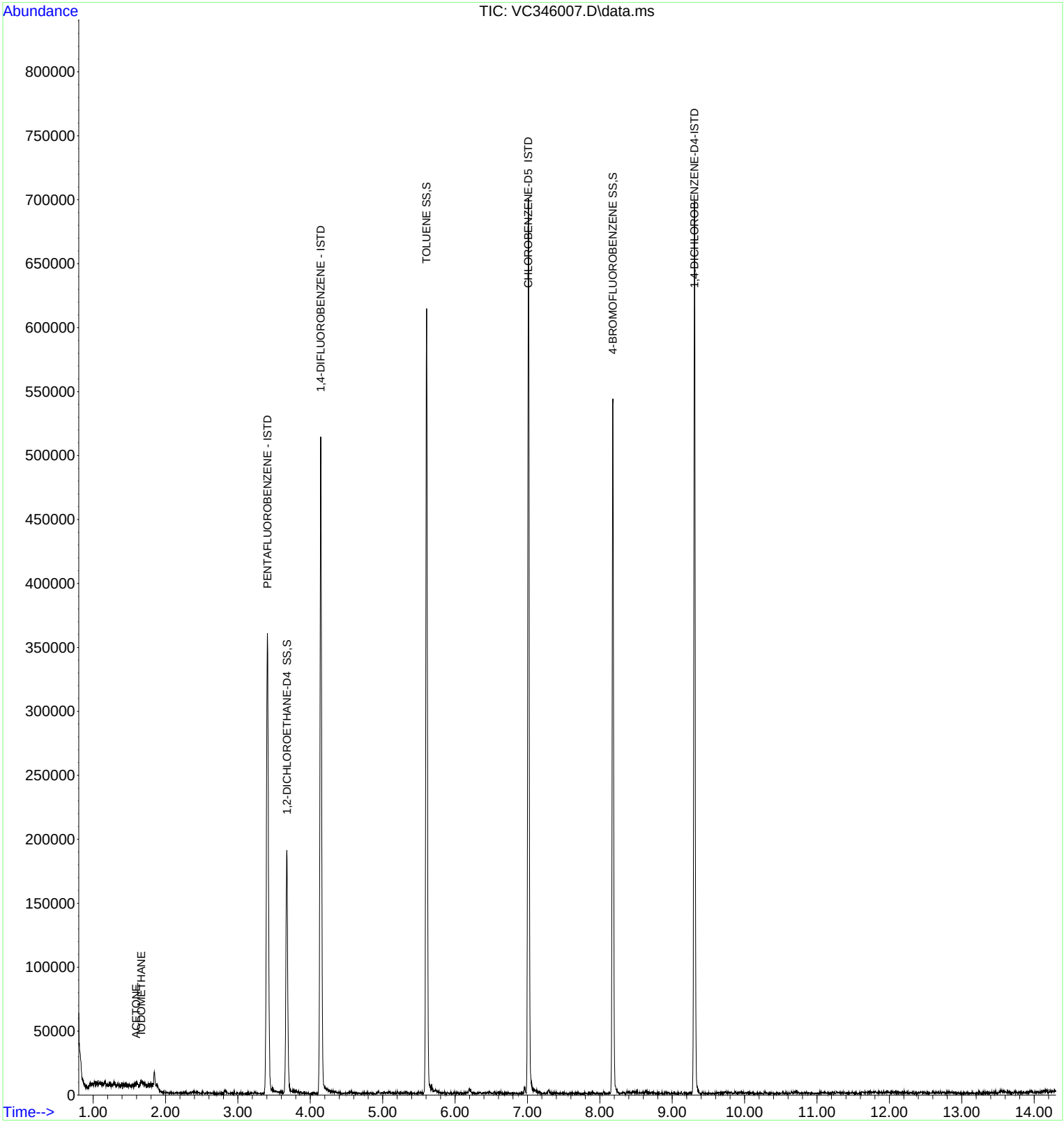
Quant Time: Dec 13 11:52:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

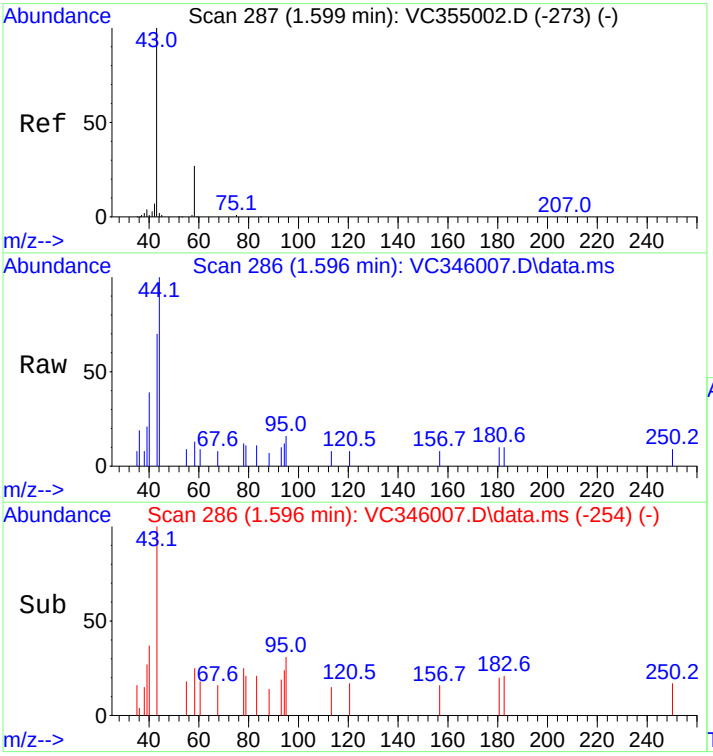
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	257612	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	346062	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.011	82	178693	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	157120	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	121574	25.14	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.56%			
49) TOLUENE SS	5.606	98	354612	25.51	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	141774	26.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.60%			
Target Compounds						Qvalue
14) ACETONE	1.596	43	1569	1.13	UG/L #	44
17) IODOMETHANE	1.666	142	5002m	11.38	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346007.D
Acq On : 12 Dec 2011 10:14 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 11:52:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

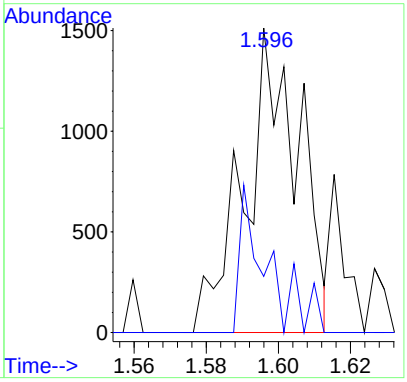


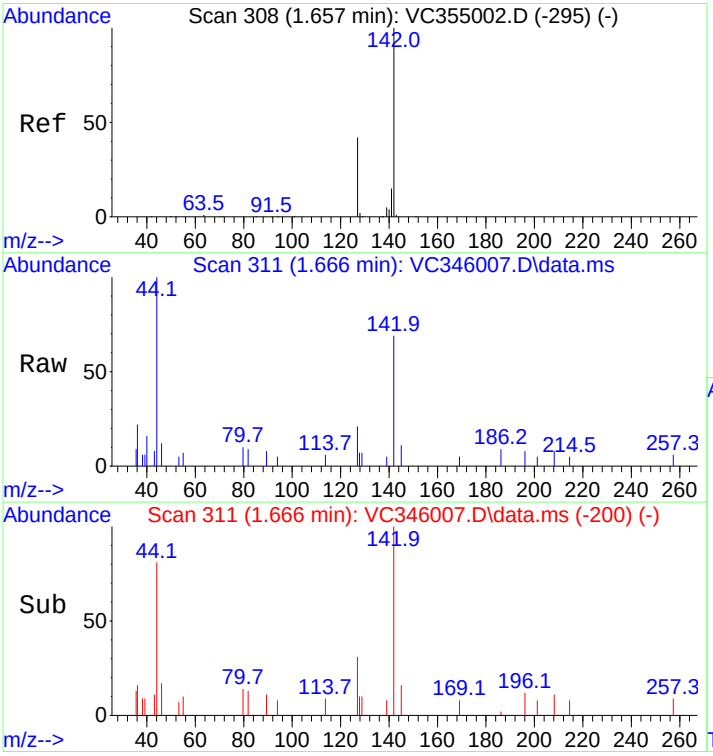


#14
ACETONE
Concen: 1.13 UG/L
RT: 1.596 min Scan# 286
Delta R.T. -0.005 min
Lab File: VC346007.D
Acq: 12 Dec 2011 10:14 am

Tgt Ion: 43 Resp: 1569

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

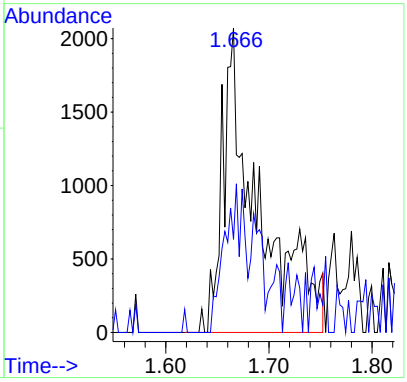




#17
IODOMETHANE
Concen: 11.38 UG/L m
RT: 1.666 min Scan# 311
Delta R.T. 0.009 min
Lab File: VC346007.D
Acq: 12 Dec 2011 10:14 am

Tgt Ion:142 Resp: 5002

Ion	Ratio	Lower	Upper
142	100		
127	25.9	0.0	0.0#



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BS1	File ID:	VC346004.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 08:43
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	135	0.54	50	
107-13-1	Acrylonitrile	9.98	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.5	0.050	1.0	
108-86-1	Bromobenzene	11.2	0.10	1.0	
74-97-5	Bromochloromethane	12.1	0.10	1.0	V-20
75-27-4	Bromodichloromethane	9.55	0.080	0.50	
75-25-2	Bromoform	13.0	0.25	1.0	
74-83-9	Bromomethane	6.40	0.38	2.0	
78-93-3	2-Butanone (MEK)	131	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	114	3.5	20	V-16
104-51-8	n-Butylbenzene	9.88	0.050	1.0	
135-98-8	sec-Butylbenzene	11.1	0.050	1.0	
98-06-6	tert-Butylbenzene	9.92	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.5	0.070	0.50	
75-15-0	Carbon Disulfide	13.4	0.050	4.0	L-02
56-23-5	Carbon Tetrachloride	10.9	0.090	5.0	
108-90-7	Chlorobenzene	10.7	0.050	1.0	
124-48-1	Chlorodibromomethane	10.1	0.12	0.50	
75-00-3	Chloroethane	9.21	0.33	2.0	
67-66-3	Chloroform	11.4	0.040	2.0	
74-87-3	Chloromethane	10.5	0.13	2.0	
95-49-8	2-Chlorotoluene	10.3	0.050	1.0	
106-43-4	4-Chlorotoluene	12.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.94	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	9.53	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BS1	File ID:	VC346004.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 08:43
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.8	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.88	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.2	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.3	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	13.0	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.83	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.5	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.1	0.090	1.0	
75-35-4	1,1-Dichloroethylene	8.61	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.9	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.9	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.77	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.7	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.9	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.3	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.0	0.12	0.50	
60-29-7	Diethyl Ether	10.8	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.9	0.030	0.50	
123-91-1	1,4-Dioxane	121	3.5	50	V-16
100-41-4	Ethylbenzene	11.0	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.69	0.26	0.50	
591-78-6	2-Hexanone (MBK)	107	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.5	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.7	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.0	0.050	1.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BS1	File ID:	VC346004.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 08:43
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.54	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	107	0.22	10	
91-20-3	Naphthalene	9.85	0.21	2.0	
103-65-1	n-Propylbenzene	10.5	0.040	1.0	
100-42-5	Styrene	11.9	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.9	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	12.5	0.18	0.50	
127-18-4	Tetrachloroethylene	9.16	0.14	1.0	
109-99-9	Tetrahydrofuran	11.9	1.0	10	
108-88-3	Toluene	9.43	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.37	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.4	0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene	7.70	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.3	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	8.50	0.080	1.0	
79-01-6	Trichloroethylene	10.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.7	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	12.8	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.47	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.50	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	12.2	0.060	1.0	
75-01-4	Vinyl Chloride	8.75	0.16	2.0	
108383/106423	m+p Xylene	22.0	0.070	2.0	
95-47-6	o-Xylene	11.8	0.050	1.0	

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346004.D
Acq On : 12 Dec 2011 8:43 am
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 22:28:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	317641	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	434368	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	192869	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	211483	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	153510	25.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.00%				
49) TOLUENE SS	5.606	98	395562	22.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.68%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	168659	29.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.60%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	70998	9.83	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	88827	9.62	UG/L		98
5) CHLOROMETHANE	0.952	50	79910	10.46	UG/L		98
6) VINYL CHLORIDE	1.002	62	77532	8.75	UG/L		98
7) BROMOMETHANE	1.150	94	37266	6.40	UG/L		100
8) CHLOROETHANE	1.195	64	43468	9.21	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	133071	8.31	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.312	101	104559	10.66	UG/L		97
12) DI ETHYL ETHER	1.451	59	59142	10.85	UG/L		99
13) ACROLEIN	1.521	56	73536	141.14	UG/L		99
14) ACETONE	1.602	43	230707	134.95	UG/L		96
15) 1,1-DICHLOROETHENE	1.568	61	110039	8.61	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	59261	8.47	UG/L		96
17) IODOMETHANE	1.655	142	122042	19.62	UG/L	#	100
20) METHYL ACETATE	1.786	43	56319	4.25	UG/L		96
21) T-BUTYL ALCOHOL	1.931	59	51030	114.12	UG/L	#	92
22) ACRYLONITRILE	2.009	53	27770	9.98	UG/L		99
23) METHYLENE CHLORIDE	1.847	49	104847	8.54	UG/L		99
24) CARBON DISULFIDE	1.694	76	193518	13.35	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	189414	10.01	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	107996	10.14	UG/L		97
27) 1,1-DICHLOROETHANE	2.327	63	124038	10.50	UG/L		99
28) VINYL ACETATE	2.377	43	1455887	110.76	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	226571	10.87	UG/L		97
31) 2-BUTANONE	2.868	43	290638	131.20	UG/L		97
32) T-BUTYL ETHYL ETHER	2.709	59	194690	10.49	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.834	61	110568	10.93	UG/L		100
34) 2,2-DICHLOROPROPANE	2.834	77	71637	11.66	UG/L		100
35) ETHYL ACETATE	2.943	43	63921	13.63	UG/L	#	84
38) BROMOCHLOROMETHANE	3.080	49	64221	12.10	UG/L		99
39) TETRAHYDROFURAN	3.135	42	17305	11.94	UG/L	#	79
40) CHLOROFORM	3.172	83	124227	11.45	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.345	97	99058	11.26	UG/L		99
42) CYCLOHEXANE	3.389	56	105668	11.18	UG/L		99
43) CARBON TETRACHLORIDE	3.503	117	79956	10.86	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	88555	10.94	UG/L		99
45) BENZENE	3.724	78	238001	10.53	UG/L		98
47) T-AMYLMETHYL ETHER	3.869	73	142110	10.54	UG/L	#	85
50) 1,2-DICHLOROETHANE	3.752	62	102027	11.07	UG/L		99
51) TRICHLOROETHENE	4.388	95	64873	10.63	UG/L		100
52) METHYLCYCLOHEXANE	4.563	83	74331	9.70	UG/L		97
53) 1,2-DICHLOROPROPANE	4.611	63	63659	10.90	UG/L		98
54) DIBROMOMETHANE	4.725	93	41520	10.84	UG/L		97

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346004.D
Acq On : 12 Dec 2011 8:43 am
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

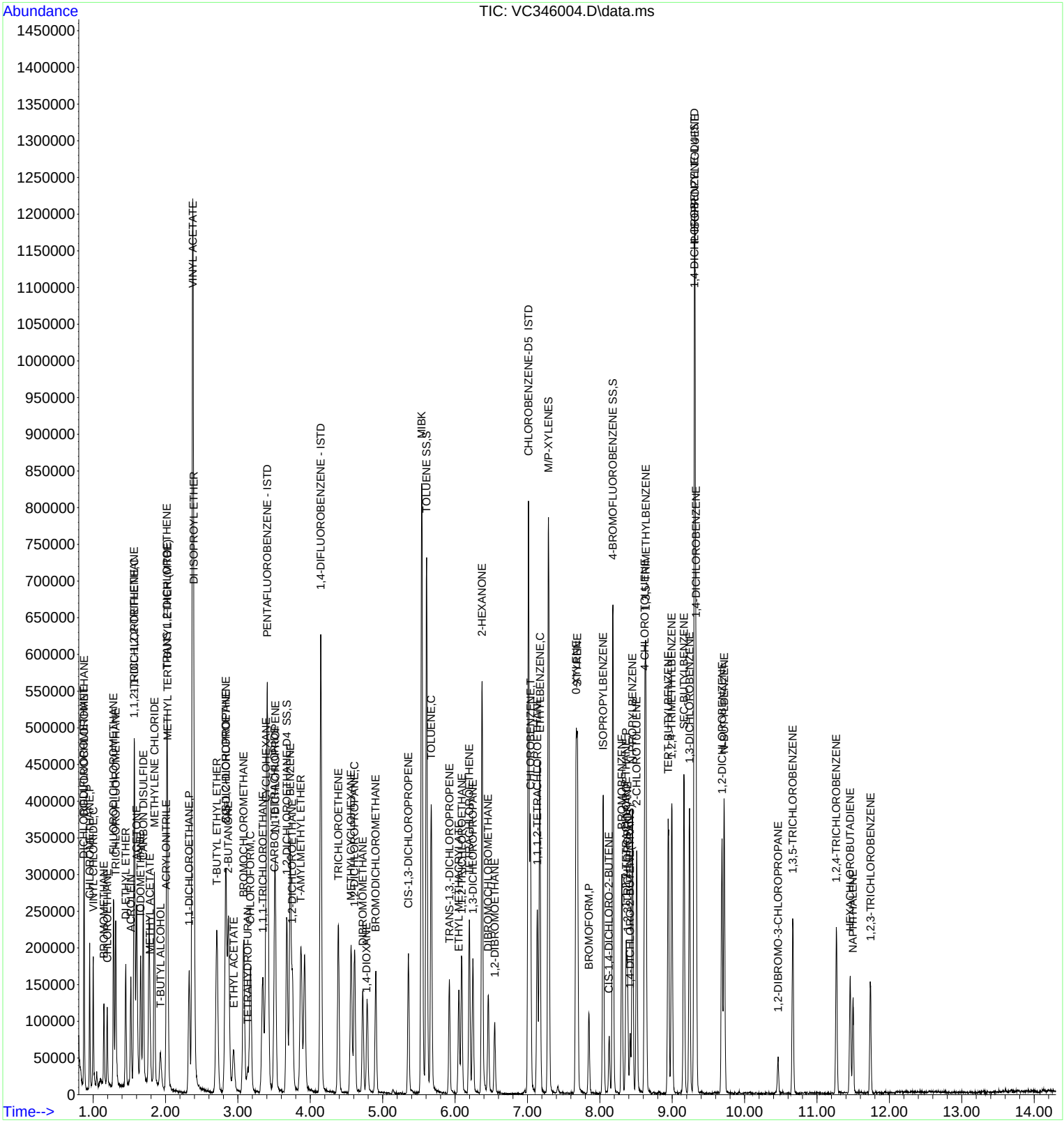
Quant Time: Dec 12 22:28:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.775	88	5332m	121.29 UG/L	
57) BROMODICHLOROMETHANE	4.903	83	87009	9.55 UG/L	98
59) MIBK	5.539	43	504467	106.55 UG/L	97
60) CIS-1,3-DICHLOROPROPENE	5.355	75	82900	11.26 UG/L #	76
61) TOLUENE	5.670	91	234288	9.43 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	62230	11.05 UG/L	99
63) ETHYL METHACRYLATE	6.050	69	53684	8.14 UG/L	96
64) 1,1,2-TRICHLOROETHANE	6.094	97	46097	8.50 UG/L	99
65) 2-HEXANONE	6.373	43	308780	106.61 UG/L	95
66) TETRACHLOROETHENE	6.197	166	58400	9.16 UG/L	98
67) 1,3-DICHLOROPROPANE	6.248	76	81371	9.77 UG/L	98
68) DIBROMOCHLOROMETHANE	6.457	129	54461	10.09 UG/L	98
69) 1,2-DIBROMOETHANE	6.549	107	49983	9.53 UG/L	98
72) CHLOROBENZENE	7.042	112	154366	10.74 UG/L	97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	53092	10.93 UG/L	100
74) ETHYLBENZENE	7.173	91	264410	11.04 UG/L	100
75) M/P-XYLENES	7.290	91	408049	22.03 UG/L	100
76) 0-XYLENE	7.673	91	215631	11.84 UG/L	99
77) STYRENE	7.689	104	170795	11.87 UG/L	97
78) BROMOFORM	7.851	173	40744	13.02 UG/L	100
79) ISOPROPYLBENZENE	8.046	105	225038	12.53 UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	14843	9.97 UG/L #	79
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	71069	12.50 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	14788	13.01 UG/L	87
83) BROMOBENZENE	8.303	77	99262	11.24 UG/L	98
84) 1,2,3-TRICHLOROPROPANE	8.384	75	54324	12.78 UG/L	99
85) N-PROPYLBENZENE	8.451	91	251822	10.51 UG/L	98
86) 2-CHLOROT0LUENE	8.509	91	155516	10.26 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	215687	12.22 UG/L	96
88) 4-CHLOROTOLUENE	8.621	91	227299	12.72 UG/L	98
90) TERT-BUTYLBENZENE	8.944	119	162386	9.92 UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	191083	9.50 UG/L	99
92) SEC-BUTYLBENZENE	9.162	105	254312	11.08 UG/L	100
93) 1,3-DICHLOROBENZENE	9.240	146	134321	11.21 UG/L	98
94) P-ISOPROPYLTOLUENE	9.315	119	195207	10.71 UG/L	97
95) 1,4-DICHLOROBENZENE	9.329	146	126167	10.34 UG/L	98
96) N-BUTYLBENZENE	9.717	91	177872	9.88 UG/L	99
97) 1,2-DICHLOROBENZENE	9.689	146	115173	9.88 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.464	75	8620	8.94 UG/L	93
99) 1,3,5-TRICHLOROBENZENE	10.665	180	63297	7.70 UG/L	96
100) 1,2,4-TRICHLOROBENZENE	11.267	180	58694	10.35 UG/L	97
101) HEXACHLOROBUTADIENE	11.459	225	26640	9.69 UG/L #	75
102) NAPHTHALENE	11.499	128	80067	9.85 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	37777	9.37 UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346004.D
Acq On : 12 Dec 2011 8:43 am
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 22:28:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BSD1	File ID:	VC346005.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 09:13
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	115	0.54	50	
107-13-1	Acrylonitrile	8.94	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.4	0.11	0.50	
71-43-2	Benzene	11.4	0.050	1.0	
108-86-1	Bromobenzene	10.6	0.10	1.0	
74-97-5	Bromochloromethane	12.8	0.10	1.0	V-20
75-27-4	Bromodichloromethane	9.20	0.080	0.50	
75-25-2	Bromoform	10.7	0.25	1.0	
74-83-9	Bromomethane	7.16	0.38	2.0	
78-93-3	2-Butanone (MEK)	118	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	90.3	3.5	20	V-16
104-51-8	n-Butylbenzene	9.17	0.050	1.0	
135-98-8	sec-Butylbenzene	10.4	0.050	1.0	
98-06-6	tert-Butylbenzene	10.8	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.6	0.070	0.50	
75-15-0	Carbon Disulfide	13.2	0.050	4.0	L-02
56-23-5	Carbon Tetrachloride	10.8	0.090	5.0	
108-90-7	Chlorobenzene	10.5	0.050	1.0	
124-48-1	Chlorodibromomethane	11.5	0.12	0.50	
75-00-3	Chloroethane	9.21	0.33	2.0	
67-66-3	Chloroform	11.7	0.040	2.0	
74-87-3	Chloromethane	10.6	0.13	2.0	
95-49-8	2-Chlorotoluene	11.2	0.050	1.0	
106-43-4	4-Chlorotoluene	11.0	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.24	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	10.3	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BSD1	File ID:	VC346005.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 09:13
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.5	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.6	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.6	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.8	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	10.7	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	8.90	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.0	0.090	1.0	
75-35-4	1,1-Dichloroethylene	8.26	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.0	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.1	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.8	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.8	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	12.0	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.8	0.12	0.50	
60-29-7	Diethyl Ether	9.81	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.2	0.030	0.50	
123-91-1	1,4-Dioxane	106	3.5	50	V-16
100-41-4	Ethylbenzene	10.8	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.95	0.26	0.50	
591-78-6	2-Hexanone (MBK)	111	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.7	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.3	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	8.96	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BSD1	File ID:	VC346005.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 09:13
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.00	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	104	0.22	10	
91-20-3	Naphthalene	9.52	0.21	2.0	
103-65-1	n-Propylbenzene	11.1	0.040	1.0	
100-42-5	Styrene	11.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.2	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.3	0.18	0.50	
127-18-4	Tetrachloroethylene	10.1	0.14	1.0	
109-99-9	Tetrahydrofuran	11.1	1.0	10	
108-88-3	Toluene	10.7	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.28	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.87	0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene	8.45	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.9	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.97	0.080	1.0	
79-01-6	Trichloroethylene	10.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.2	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.4	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.18	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.0	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.6	0.060	1.0	
75-01-4	Vinyl Chloride	8.10	0.16	2.0	
108383/106423	m+p Xylene	21.4	0.070	2.0	
95-47-6	o-Xylene	11.1	0.050	1.0	

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346005.D
Acq On : 12 Dec 2011 9:13 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 22:30:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	349356	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	509877	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	256609	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	242784	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	174437	26.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.40%				
49) TOLUENE SS	5.606	98	512629	25.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.08%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	193069	25.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	70733	8.90	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.874	51	91146	8.97	UG/L		100
5) CHLOROMETHANE	0.952	50	89289	10.62	UG/L		100
6) VINYL CHLORIDE	0.999	62	78935	8.10	UG/L		97
7) BROMOMETHANE	1.147	94	46957	7.16	UG/L		97
8) CHLOROETHANE	1.195	64	47776	9.21	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	140869	8.03	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	109479	10.15	UG/L		100
12) DI ETHYL ETHER	1.448	59	58830	9.81	UG/L		99
13) ACROLEIN	1.521	56	63757	114.27	UG/L		100
14) ACETONE	1.599	43	215655	114.69	UG/L		99
15) 1,1-DICHLOROETHENE	1.571	61	115443	8.26	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	62666	8.18	UG/L		99
17) IODOMETHANE	1.655	142	117657	18.55	UG/L	#	100
20) METHYL ACETATE	1.786	43	55117	3.78	UG/L		98
21) T-BUTYL ALCOHOL	1.928	59	44403	90.29	UG/L	#	96
22) ACRYLONITRILE	2.009	53	27350	8.94	UG/L		96
23) METHYLENE CHLORIDE	1.844	49	108107	8.00	UG/L		98
24) CARBON DISULFIDE	1.694	76	208217	13.15	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	186361	8.96	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	118545	10.12	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	140608	10.82	UG/L		100
28) VINYL ACETATE	2.374	43	1431693	99.58	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	257470	11.23	UG/L		94
31) 2-BUTANONE	2.868	43	288113	118.26	UG/L		97
32) T-BUTYL ETHYL ETHER	2.709	59	216741	10.62	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.831	61	127028	11.42	UG/L		98
34) 2,2-DICHLOROPROPANE	2.831	77	80050	11.85	UG/L		98
35) ETHYL ACETATE	2.940	43	65714	12.61	UG/L	#	93
38) BROMOCHLOROMETHANE	3.077	49	74787	12.81	UG/L		93
39) TETRAHYDROFURAN	3.135	42	17635	11.06	UG/L	#	75
40) CHLOROFORM	3.172	83	139721	11.71	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.347	97	114887	11.87	UG/L		98
42) CYCLOHEXANE	3.395	56	127298	12.24	UG/L		97
43) CARBON TETRACHLORIDE	3.504	117	87800	10.84	UG/L		97
44) 1,1-DICHLOROPROPENE	3.515	75	105408	11.84	UG/L		99
45) BENZENE	3.724	78	282128	11.35	UG/L		98
47) T-AMYLMETHYL ETHER	3.869	73	154909	10.44	UG/L	#	90
50) 1,2-DICHLOROETHANE	3.752	62	119421	11.04	UG/L		98
51) TRICHLOROETHENE	4.388	95	75079	10.48	UG/L		99
52) METHYLCYCLOHEXANE	4.563	83	90592	10.07	UG/L		97
53) 1,2-DICHLOROPROPANE	4.611	63	75135	10.96	UG/L		96
54) DIBROMOMETHANE	4.725	93	47311	10.52	UG/L		98

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346005.D
Acq On : 12 Dec 2011 9:13 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

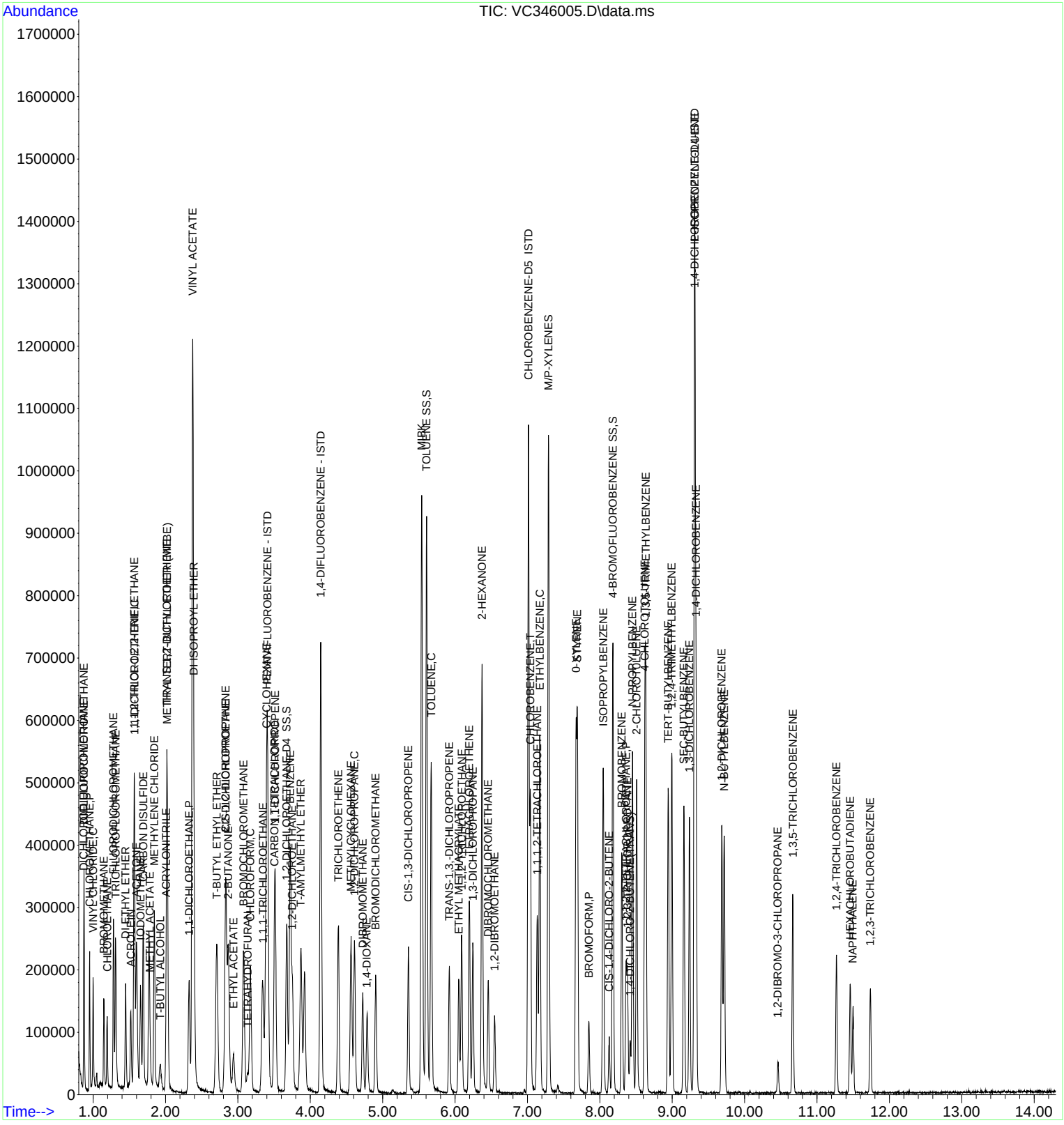
Quant Time: Dec 12 22:30:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,4-DIOXANE	4.778	88	5451m	105.64	UG/L	
57) BROMODICHLOROMETHANE	4.903	83	98304	9.20	UG/L	100
59) MIBK	5.539	43	578071	104.02	UG/L	96
60) CIS-1,3-DICHLOROPROPENE	5.355	75	103697	12.00	UG/L	100
61) TOLUENE	5.670	91	312191	10.71	UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	84391	12.77	UG/L	96
63) ETHYL METHACRYLATE	6.050	69	72317	9.19	UG/L	97
64) 1,1,2-TRICHLOROETHANE	6.091	97	63450	9.97	UG/L	98
65) 2-HEXANONE	6.373	43	376649	110.79	UG/L	97
66) TETRACHLOROETHENE	6.197	166	75411	10.08	UG/L	99
67) 1,3-DICHLOROPROPANE	6.248	76	108378	11.09	UG/L	99
68) DIBROMOCHLOROMETHANE	6.457	129	73111	11.54	UG/L	99
69) 1,2-DIBROMOETHANE	6.546	107	63301	10.28	UG/L	98
72) CHLOROBENZENE	7.040	112	201379	10.53	UG/L	97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	66050	10.22	UG/L	99
74) ETHYLBENZENE	7.171	91	342774	10.76	UG/L	99
75) M/P-XYLENES	7.290	91	528544	21.44	UG/L	99
76) 0-XYLENE	7.673	91	267934	11.06	UG/L	100
77) STYRENE	7.689	104	216366	11.30	UG/L	96
78) BROMOFORM	7.851	173	44665	10.73	UG/L	99
79) ISOPROPYLBENZENE	8.049	105	304324	12.73	UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	16585	8.40	UG/L	82
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	78069	10.32	UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.417	53	16247	10.74	UG/L	86
83) BROMOBENZENE	8.303	77	124619	10.60	UG/L	97
84) 1,2,3-TRICHLOROPROPANE	8.384	75	58686	10.38	UG/L	98
85) N-PROPYLBENZENE	8.451	91	353948	11.10	UG/L	98
86) 2-CHLOROT0LUENE	8.509	91	225848	11.19	UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	249561	10.62	UG/L	96
88) 4-CHLOROTOLUENE	8.621	91	260351	10.95	UG/L	97
90) TERT-BUTYLBENZENE	8.944	119	201986	10.75	UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	254416	11.02	UG/L	97
92) SEC-BUTYLBENZENE	9.159	105	274447	10.42	UG/L	100
93) 1,3-DICHLOROBENZENE	9.237	146	145336	10.57	UG/L	99
94) P-ISOPROPYLTOLUENE	9.315	119	236698	11.31	UG/L	97
95) 1,4-DICHLOROBENZENE	9.329	146	151829	10.84	UG/L	97
96) N-BUTYLBENZENE	9.719	91	193243	9.17	UG/L	98
97) 1,2-DICHLOROBENZENE	9.683	146	142175	10.62	UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	9116	8.24	UG/L	98
99) 1,3,5-TRICHLOROBENZENE	10.668	180	79916	8.45	UG/L	96
100) 1,2,4-TRICHLOROBENZENE	11.270	180	55590	8.87	UG/L	99
101) HEXACHLOROBUTADIENE	11.460	225	31468	9.95	UG/L	100
102) NAPHTHALENE	11.496	128	85776	9.52	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.736	180	42735	9.28	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346005.D
Acq On : 12 Dec 2011 9:13 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 22:30:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration



Data Package

con-test®
ANALYTICAL LABORATORY

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

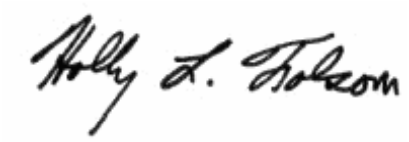
December 16, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.03
Laboratory Work Order Number: 11L0228

Enclosed are results of analyses for samples received by the laboratory on December 7, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 12/16/2011

PURCHASE ORDER NUMBER: 002699.ID25.03

PROJECT NUMBER: 002699.ID25.03

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11L0228

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-120211	11L0228-01	Trip Blank Water		SW-846 8260C	
PW20-200	11L0228-02	Waste Water		SW-846 8260C	
PW23-100	11L0228-03	Waste Water		SW-846 8260C	
PW23-150	11L0228-04	Waste Water		SW-846 8260C	
PW23-175	11L0228-05	Waste Water		SW-846 8260C	
PW23-200	11L0228-06	Waste Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Carbon Disulfide, Isopropylbenzene (Cumene)

B042817-BS1, B042817-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane, 1,2-Dibromoethane (EDB), 1,3-Dichloropropane, 1,4-Dioxane, 2-Chlorotoluene, Bromobenzene, Bromoform, Carbon Disulfide, Isopropylbenzene (Cumene), m+p Xylene, n-Propylbenzene, Tetrahydrofuran

B042744-BS1, B042817-BSD1, B042817-BS1, B042744-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane, 2-Chlorotoluene, n-Propylbenzene, trans-1,4-Dichloro-2-butene

B042817-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane (DBCP), 2-Chlorotoluene, n-Butylbenzene, n-Propylbenzene, tert-Butylbenzene, trans-1,4-Dichloro-2-butene

11L0228-03[PW23-100], 11L0228-06[PW23-200], B042817-BLK1, B042817-BS1, B042817-BSD1, 11L0228-01[TB-120211], 11L0228-02[PW20-200], 11L0228-04[PW23-150], 11L0228-05[PW23-175], B042744-BLK1, B042744-BS1, B042744-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

2,2-Dichloropropane

11L0228-01[TB-120211], 11L0228-02[PW20-200], 11L0228-04[PW23-150], 11L0228-05[PW23-175], B042744-BLK1, B042744-BS1, B042744-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

11L0228-01[TB-120211], 11L0228-02[PW20-200], 11L0228-03[PW23-100], 11L0228-04[PW23-150], 11L0228-05[PW23-175], 11L0228-06[PW23-200], B042744-BLK1, B042744-BS1, B042744-BSD1, B042817-BLK1, B042817-BS1, B042817-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Butanone (MEK), 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Bromochloromethane, Chlorodibromomethane, Tetrahydrofuran

B042744-BS1, B042744-BSD1, B042817-BS1, B042817-BSD1

Sample was poured into a new vial due to an excessive amount of sediment present.

Analyte & Samples(s) Qualified:

11L0228-05[PW23-175]

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: TB-120211 | Sampled: 12/2/2011 07:30

Sample ID: 11L0228-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 17:01	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
2-Chlorotoluene	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05	SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: TB-120211 | Sampled: 12/2/2011 07:30

Sample ID: 11L0228-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		12/14/11 17:01
Toluene-d8	98.1	70-130		12/14/11 17:01
4-Bromofluorobenzene	100	70-130		12/14/11 17:01

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW20-200 | Sampled: 12/2/2011 07:35

Sample ID: 11L0228-02

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 19:32	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
2-Chlorotoluene	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05	SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Dichlorodifluoromethane (Freon 12)	2.2	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1-Dichloroethane	5.2	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1-Dichloroethylene	1.6	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW20-200 | Sampled: 12/2/2011 07:35

Sample ID: 11L0228-02

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Methyl tert-Butyl Ether (MTBE)	1.1	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,1-Trichloroethane	1.5	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		12/14/11 19:32
Toluene-d8	102	70-130		12/14/11 19:32
4-Bromofluorobenzene	100	70-130		12/14/11 19:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-100 | Sampled: 12/5/2011 11:40

Sample ID: 11L0228-03

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
n-Butylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
tert-Butylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
2-Chlorotoluene	ND	10	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-100 | Sampled: 12/5/2011 11:40

Sample ID: 11L0228-03

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
n-Propylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		12/15/11 13:41
Toluene-d8	95.1	70-130		12/15/11 13:41
4-Bromofluorobenzene	95.1	70-130		12/15/11 13:41

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-150 | Sampled: 12/6/2011 08:40

Sample ID: 11L0228-04

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 20:02	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
2-Chlorotoluene	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05	SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1-Dichloroethane	2.1	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1-Dichloroethylene	1.3	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-150 | Sampled: 12/6/2011 08:40

Sample ID: 11L0228-04

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Methyl tert-Butyl Ether (MTBE)	3.8	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		12/14/11 20:02
Toluene-d8	98.2	70-130		12/14/11 20:02
4-Bromofluorobenzene	96.4	70-130		12/14/11 20:02

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-175 | Sampled: 12/6/2011 10:45

Sample ID: 11L0228-05

Sample Matrix: Waste Water

Sample Flags: Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 20:32	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
2-Chlorotoluene	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05	SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-175 | Sampled: 12/6/2011 10:45

Sample ID: 11L0228-05

Sample Matrix: Waste Water

Sample Flags: Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.7	70-130		12/14/11 20:32
Toluene-d8	98.7	70-130		12/14/11 20:32
4-Bromofluorobenzene	101	70-130		12/14/11 20:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-200 | Sampled: 12/6/2011 13:20

Sample ID: 11L0228-06

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
n-Butylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
tert-Butylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
2-Chlorotoluene	ND	10	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1-Dichloroethane	1.6	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1-Dichloroethylene	1.2	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-200 | Sampled: 12/6/2011 13:20

Sample ID: 11L0228-06

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Methyl tert-Butyl Ether (MTBE)	2.0	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
n-Propylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		12/15/11 14:12
Toluene-d8	99.4	70-130		12/15/11 14:12
4-Bromofluorobenzene	101	70-130		12/15/11 14:12

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11L0228-01 [TB-120211]	B042744	5	5.00	12/14/11
11L0228-02 [PW20-200]	B042744	5	5.00	12/14/11
11L0228-04 [PW23-150]	B042744	5	5.00	12/14/11
11L0228-05 [PW23-175]	B042744	5	5.00	12/14/11

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11L0228-03 [PW23-100]	B042817	5	5.00	12/15/11
11L0228-06 [PW23-200]	B042817	5	5.00	12/15/11

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B042744 - SW-846 5030B										
Blank (B042744-BLK1)				Prepared & Analyzed: 12/14/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	10	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	10	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							R-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							V-05
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042744 - SW-846 5030B												
Blank (B042744-BLK1)				Prepared & Analyzed: 12/14/11								
Methylene Chloride	ND	5.0	µg/L									
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2.0	µg/L									
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L									
1,2,4-Trichlorobenzene	ND	1.0	µg/L									
1,3,5-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*26.8*		µg/L	25.0		107		70-130				
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.4		70-130				
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100		70-130				
LCS (B042744-BS1)				Prepared & Analyzed: 12/14/11								
Acetone	126	50	µg/L	100		126		70-160				†
Acrylonitrile	9.51	5.0	µg/L	10.0		95.1		70-130				
tert-Amyl Methyl Ether (TAME)	9.03	0.50	µg/L	10.0		90.3		70-130				
Benzene	10.5	1.0	µg/L	10.0		105		70-130				
Bromobenzene	13.1	1.0	µg/L	10.0		**131**	*	70-130			L-07	
Bromochloromethane	10.6	1.0	µg/L	10.0		106		70-130			V-20	
Bromodichloromethane	8.51	0.50	µg/L	10.0		85.1		70-130				
Bromoform	11.1	1.0	µg/L	10.0		111		70-130				
Bromomethane	5.27	2.0	µg/L	10.0		52.7		40-160				†
2-Butanone (MEK)	107	20	µg/L	100		107		40-160			V-20	†
tert-Butyl Alcohol (TBA)	102	20	µg/L	100		102		40-160			V-16	†
n-Butylbenzene	8.90	1.0	µg/L	10.0		89.0		70-130				
sec-Butylbenzene	9.04	1.0	µg/L	10.0		90.4		70-130				
tert-Butylbenzene	9.24	1.0	µg/L	10.0		92.4		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.67	0.50	µg/L	10.0		96.7		70-130				
Carbon Disulfide	13.1	10	µg/L	10.0		**131**	*	70-130			L-07	
Carbon Tetrachloride	10.2	5.0	µg/L	10.0		102		70-130				
Chlorobenzene	9.93	1.0	µg/L	10.0		99.3		70-130				
Chlorodibromomethane	11.0	0.50	µg/L	10.0		110		70-130				
Chloroethane	9.15	2.0	µg/L	10.0		91.5		70-130				
Chloroform	10.8	2.0	µg/L	10.0		108		70-130				
Chloromethane	7.87	2.0	µg/L	10.0		78.7		40-160				†
2-Chlorotoluene	13.2	10	µg/L	10.0		**132**	*	70-130			L-07	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042744 - SW-846 5030B												
LCS (B042744-BS1)				Prepared & Analyzed: 12/14/11								
4-Chlorotoluene	11.8	1.0	µg/L	10.0		118		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.42	5.0	µg/L	10.0		74.2		70-130			R-05	
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110		70-130				
Dibromomethane	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichlorobenzene	8.93	1.0	µg/L	10.0		89.3		70-130				
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130				
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130				
trans-1,4-Dichloro-2-butene	11.6	2.0	µg/L	10.0		116		70-130				
Dichlorodifluoromethane (Freon 12)	6.27	2.0	µg/L	10.0		62.7		40-160				†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,2-Dichloroethane	11.3	1.0	µg/L	10.0		113		70-130				
1,1-Dichloroethylene	8.63	1.0	µg/L	10.0		86.3		70-130				
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100		70-130				
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichloropropane	9.45	1.0	µg/L	10.0		94.5		70-130				
1,3-Dichloropropane	9.84	0.50	µg/L	10.0		98.4		70-130				
2,2-Dichloropropane	10.2	1.0	µg/L	10.0		102		40-130			V-05	†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106		70-130				
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.0		107		70-130				
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.0		112		70-130				
Diethyl Ether	10.1	2.0	µg/L	10.0		101		70-130				
Diisopropyl Ether (DIPE)	11.0	0.50	µg/L	10.0		110		70-130				
1,4-Dioxane	136	50	µg/L	100		**136**	*	40-130			L-07, V-16, V-20	†
Ethylbenzene	11.9	1.0	µg/L	10.0		119		70-130				
Hexachlorobutadiene	10.1	0.50	µg/L	10.0		101		70-130				
2-Hexanone (MBK)	119	10	µg/L	100		119		70-160				†
Isopropylbenzene (Cumene)	13.6	1.0	µg/L	10.0		**136**	*	70-130			L-07	
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.0		109		70-130				
Methyl tert-Butyl Ether (MTBE)	9.63	1.0	µg/L	10.0		96.3		70-130				
Methylene Chloride	8.72	5.0	µg/L	10.0		87.2		70-130				
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100		104		70-160				†
Naphthalene	9.28	2.0	µg/L	10.0		92.8		40-130				†
n-Propylbenzene	13.6	1.0	µg/L	10.0		**136**	*	70-130			L-07	
Styrene	11.0	1.0	µg/L	10.0		110		70-130				
1,1,1,2-Tetrachloroethane	11.4	1.0	µg/L	10.0		114		70-130				
1,1,2,2-Tetrachloroethane	12.7	0.50	µg/L	10.0		127		70-130				
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109		70-130				
Tetrahydrofuran	10.3	10	µg/L	10.0		103		70-130			V-20	
Toluene	10.1	1.0	µg/L	10.0		101		70-130				
1,2,3-Trichlorobenzene	9.34	5.0	µg/L	10.0		93.4		70-130				
1,2,4-Trichlorobenzene	8.76	1.0	µg/L	10.0		87.6		70-130				
1,3,5-Trichlorobenzene	9.87	1.0	µg/L	10.0		98.7		70-130				
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0		107		70-130				
1,1,2-Trichloroethane	9.10	1.0	µg/L	10.0		91.0		70-130				
Trichloroethylene	9.99	1.0	µg/L	10.0		99.9		70-130				
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106		70-130				
1,2,3-Trichloropropane	13.4	2.0	µg/L	10.0		**134**	*	70-130			L-07	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.21	1.0	µg/L	10.0		92.1		70-130				
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.0		104		70-130				
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.0		114		70-130				
Vinyl Chloride	7.93	2.0	µg/L	10.0		79.3		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042744 - SW-846 5030B												
LCS (B042744-BS1)				Prepared & Analyzed: 12/14/11								
m+p Xylene	27.4	2.0	µg/L	20.0		**137**	*	70-130			L-07	
o-Xylene	11.7	1.0	µg/L	10.0		117		70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*24.3*		µg/L	25.0		97.0		70-130				
Surrogate: 4-Bromofluorobenzene	*28.4*		µg/L	25.0		114		70-130				
LCS Dup (B042744-BSD1)				Prepared & Analyzed: 12/14/11								
Acetone	124	50	µg/L	100		124		70-160	1.48	25		†
Acrylonitrile	9.58	5.0	µg/L	10.0		95.8		70-130	0.733	25		
tert-Amyl Methyl Ether (TAME)	10.2	0.50	µg/L	10.0		102		70-130	12.5	25		
Benzene	11.6	1.0	µg/L	10.0		116		70-130	9.69	25		
Bromobenzene	10.7	1.0	µg/L	10.0		107		70-130	19.9	25		
Bromochloromethane	12.3	1.0	µg/L	10.0		123		70-130	14.6	25	V-20	
Bromodichloromethane	9.23	0.50	µg/L	10.0		92.3		70-130	8.12	25		
Bromoform	10.8	1.0	µg/L	10.0		108		70-130	2.01	25		
Bromomethane	5.39	2.0	µg/L	10.0		53.9		40-160	2.25	25		†
2-Butanone (MEK)	128	20	µg/L	100		128		40-160	17.6	25	V-20	†
tert-Butyl Alcohol (TBA)	103	20	µg/L	100		103		40-160	0.594	25	V-16	†
n-Butylbenzene	10.1	1.0	µg/L	10.0		101		70-130	12.2	25		
sec-Butylbenzene	10.3	1.0	µg/L	10.0		103		70-130	13.2	25		
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105		70-130	13.1	25		
tert-Butyl Ethyl Ether (TBEE)	10.4	0.50	µg/L	10.0		104		70-130	6.99	25		
Carbon Disulfide	12.3	10	µg/L	10.0		123		70-130	6.06	25		
Carbon Tetrachloride	11.1	5.0	µg/L	10.0		111		70-130	8.44	25		
Chlorobenzene	10.3	1.0	µg/L	10.0		103		70-130	3.66	25		
Chlorodibromomethane	12.1	0.50	µg/L	10.0		121		70-130	9.65	25		
Chloroethane	8.38	2.0	µg/L	10.0		83.8		70-130	8.78	25		
Chloroform	12.0	2.0	µg/L	10.0		120		70-130	11.1	25		
Chloromethane	7.41	2.0	µg/L	10.0		74.1		40-160	6.02	25		†
2-Chlorotoluene	11.2	10	µg/L	10.0		112		70-130	16.2	25		
4-Chlorotoluene	11.1	1.0	µg/L	10.0		111		70-130	6.13	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.70	5.0	µg/L	10.0		97.0		70-130	**26.6**	* 25	R-05	
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115		70-130	4.25	25		
Dibromomethane	11.3	1.0	µg/L	10.0		113		70-130	7.90	25		
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	17.5	25		
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.0		107		70-130	5.77	25		
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	6.78	25		
trans-1,4-Dichloro-2-butene	10.1	2.0	µg/L	10.0		101		70-130	14.4	25		
Dichlorodifluoromethane (Freon 12)	5.51	2.0	µg/L	10.0		55.1		40-160	12.9	25		†
1,1-Dichloroethane	10.6	1.0	µg/L	10.0		106		70-130	2.14	25		
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116		70-130	2.71	25		
1,1-Dichloroethylene	8.26	1.0	µg/L	10.0		82.6		70-130	4.38	25		
cis-1,2-Dichloroethylene	11.3	1.0	µg/L	10.0		113		70-130	11.7	25		
trans-1,2-Dichloroethylene	9.98	1.0	µg/L	10.0		99.8		70-130	4.41	25		
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110		70-130	15.2	25		
1,3-Dichloropropane	11.5	0.50	µg/L	10.0		115		70-130	15.3	25		
2,2-Dichloropropane	11.2	1.0	µg/L	10.0		112		40-130	8.79	25	V-05	†
1,1-Dichloropropene	11.6	2.0	µg/L	10.0		116		70-130	8.11	25		
cis-1,3-Dichloropropene	11.7	0.50	µg/L	10.0		117		70-130	9.00	25		
trans-1,3-Dichloropropene	12.5	0.50	µg/L	10.0		125		70-130	10.5	25		
Diethyl Ether	10.2	2.0	µg/L	10.0		102		70-130	0.592	25		
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106		70-130	3.43	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042744 - SW-846 5030B												
LCS Dup (B042744-BSD1)				Prepared & Analyzed: 12/14/11								
1,4-Dioxane	128	50	µg/L	100		128		40-130	6.08	50	V-16, V-20	† ‡
Ethylbenzene	11.1	1.0	µg/L	10.0		111		70-130	6.79	25		
Hexachlorobutadiene	10.4	0.50	µg/L	10.0		104		70-130	3.13	25		
2-Hexanone (MBK)	131	10	µg/L	100		131		70-160	9.19	25		†
Isopropylbenzene (Cumene)	13.0	1.0	µg/L	10.0		130		70-130	4.42	25		
p-Isopropyltoluene (p-Cymene)	11.4	1.0	µg/L	10.0		114		70-130	5.11	25		
Methyl tert-Butyl Ether (MTBE)	9.36	1.0	µg/L	10.0		93.6		70-130	2.84	25		
Methylene Chloride	8.35	5.0	µg/L	10.0		83.5		70-130	4.34	25		
4-Methyl-2-pentanone (MIBK)	121	10	µg/L	100		121		70-160	15.3	25		†
Naphthalene	10.2	2.0	µg/L	10.0		102		40-130	9.84	25		†
n-Propylbenzene	11.3	1.0	µg/L	10.0		113		70-130	18.2	25		
Styrene	11.0	1.0	µg/L	10.0		110		70-130	0.455	25		
1,1,1,2-Tetrachloroethane	9.92	1.0	µg/L	10.0		99.2		70-130	14.1	25		
1,1,2,2-Tetrachloroethane	11.2	0.50	µg/L	10.0		112		70-130	12.6	25		
Tetrachloroethylene	10.7	1.0	µg/L	10.0		107		70-130	2.13	25		
Tetrahydrofuran	13.2	10	µg/L	10.0		**132**	*	70-130	24.1	25	L-07, V-20	
Toluene	11.1	1.0	µg/L	10.0		111		70-130	9.24	25		
1,2,3-Trichlorobenzene	10.4	5.0	µg/L	10.0		104		70-130	10.8	25		
1,2,4-Trichlorobenzene	9.86	1.0	µg/L	10.0		98.6		70-130	11.8	25		
1,3,5-Trichlorobenzene	9.23	1.0	µg/L	10.0		92.3		70-130	6.70	25		
1,1,1-Trichloroethane	11.5	1.0	µg/L	10.0		115		70-130	7.23	25		
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.0		103		70-130	12.7	25		
Trichloroethylene	10.7	1.0	µg/L	10.0		107		70-130	6.77	25		
Trichlorofluoromethane (Freon 11)	9.63	2.0	µg/L	10.0		96.3		70-130	9.87	25		
1,2,3-Trichloropropane	11.5	2.0	µg/L	10.0		115		70-130	14.8	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.39	1.0	µg/L	10.0		83.9		70-130	9.32	25		
1,2,4-Trimethylbenzene	11.3	1.0	µg/L	10.0		113		70-130	8.78	25		
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108		70-130	5.49	25		
Vinyl Chloride	7.36	2.0	µg/L	10.0		73.6		40-160	7.46	25		†
m+p Xylene	22.3	2.0	µg/L	20.0		112		70-130	20.2	25		
o-Xylene	11.6	1.0	µg/L	10.0		116		70-130	0.429	25		
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/L	25.0		106		70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103		70-130				
Batch B042817 - SW-846 5030B												
Blank (B042817-BLK1)				Prepared: 12/14/11 Analyzed: 12/15/11								
Acetone	ND	50	µg/L									
Acrylonitrile	ND	5.0	µg/L									
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L									
Benzene	ND	1.0	µg/L									
Bromobenzene	ND	1.0	µg/L									
Bromochloromethane	ND	1.0	µg/L									
Bromodichloromethane	ND	0.50	µg/L									
Bromoform	ND	1.0	µg/L									
Bromomethane	ND	2.0	µg/L									
2-Butanone (MEK)	ND	20	µg/L									
tert-Butyl Alcohol (TBA)	ND	20	µg/L								V-16	
n-Butylbenzene	ND	1.0	µg/L								R-05	
sec-Butylbenzene	ND	1.0	µg/L									
tert-Butylbenzene	ND	1.0	µg/L								R-05	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B042817 - SW-846 5030B										
Blank (B042817-BLK1)				Prepared: 12/14/11 Analyzed: 12/15/11						
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	10	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	10	µg/L							R-05
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							R-05
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							R-05
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							

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Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B042817 - SW-846 5030B											
Blank (B042817-BLK1)				Prepared: 12/14/11 Analyzed: 12/15/11							
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L							R-05	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*26.5*		µg/L	25.0		106	70-130				
Surrogate: Toluene-d8	*24.2*		µg/L	25.0		97.0	70-130				
Surrogate: 4-Bromofluorobenzene	*23.4*		µg/L	25.0		93.4	70-130				
LCS (B042817-BS1)				Prepared: 12/14/11 Analyzed: 12/15/11							
Acetone	148	50	µg/L	100		148	70-160				†
Acrylonitrile	12.0	5.0	µg/L	10.0		120	70-130				
tert-Amyl Methyl Ether (TAME)	10.0	0.50	µg/L	10.0		100	70-130				
Benzene	10.6	1.0	µg/L	10.0		106	70-130				
Bromobenzene	9.47	1.0	µg/L	10.0		94.7	70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110	70-130			V-20	
Bromodichloromethane	8.50	0.50	µg/L	10.0		85.0	70-130				
Bromoform	11.9	1.0	µg/L	10.0		119	70-130				
Bromomethane	5.65	2.0	µg/L	10.0		56.5	40-160				†
2-Butanone (MEK)	122	20	µg/L	100		122	40-160			V-20	†
tert-Butyl Alcohol (TBA)	127	20	µg/L	100		127	40-160			V-16	†
n-Butylbenzene	7.37	1.0	µg/L	10.0		73.7	70-130			R-05	
sec-Butylbenzene	8.15	1.0	µg/L	10.0		81.5	70-130				
tert-Butylbenzene	8.47	1.0	µg/L	10.0		84.7	70-130			R-05	
tert-Butyl Ethyl Ether (TBEE)	9.95	0.50	µg/L	10.0		99.5	70-130				
Carbon Disulfide	14.5	10	µg/L	10.0		**145**	* 70-130			L-02	
Carbon Tetrachloride	10.7	5.0	µg/L	10.0		107	70-130				
Chlorobenzene	9.25	1.0	µg/L	10.0		92.5	70-130				
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114	70-130			V-20	
Chloroethane	10.1	2.0	µg/L	10.0		101	70-130				
Chloroform	10.8	2.0	µg/L	10.0		108	70-130				
Chloromethane	9.34	2.0	µg/L	10.0		93.4	40-160				†
2-Chlorotoluene	10.1	10	µg/L	10.0		101	70-130			R-05	
4-Chlorotoluene	9.67	1.0	µg/L	10.0		96.7	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.44	5.0	µg/L	10.0		94.4	70-130				
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110	70-130				
Dibromomethane	10.8	1.0	µg/L	10.0		108	70-130				
1,2-Dichlorobenzene	9.60	1.0	µg/L	10.0		96.0	70-130				
1,3-Dichlorobenzene	9.42	1.0	µg/L	10.0		94.2	70-130				
1,4-Dichlorobenzene	9.44	1.0	µg/L	10.0		94.4	70-130				
trans-1,4-Dichloro-2-butene	9.89	2.0	µg/L	10.0		98.9	70-130			R-05	
Dichlorodifluoromethane (Freon 12)	6.75	2.0	µg/L	10.0		67.5	40-160				†
1,1-Dichloroethane	12.6	1.0	µg/L	10.0		126	70-130				
1,2-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,1-Dichloroethylene	9.41	1.0	µg/L	10.0		94.1	70-130				
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
trans-1,2-Dichloroethylene	11.8	1.0	µg/L	10.0		118	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042817 - SW-846 5030B												
LCS (B042817-BS1)				Prepared: 12/14/11 Analyzed: 12/15/11								
1,2-Dichloropropane	10.2	1.0	µg/L	10.0		102		70-130				
1,3-Dichloropropane	13.6	0.50	µg/L	10.0		**136**	*	70-130			L-07	
2,2-Dichloropropane	8.97	1.0	µg/L	10.0		89.7		40-130				†
1,1-Dichloropropene	11.0	2.0	µg/L	10.0		110		70-130				
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104		70-130				
trans-1,3-Dichloropropene	11.4	0.50	µg/L	10.0		114		70-130				
Diethyl Ether	11.8	2.0	µg/L	10.0		118		70-130				
Diisopropyl Ether (DIPE)	12.3	0.50	µg/L	10.0		123		70-130				
1,4-Dioxane	142	50	µg/L	100		**142**	*	40-130			L-02, V-16, V-20	†
Ethylbenzene	9.28	1.0	µg/L	10.0		92.8		70-130				
Hexachlorobutadiene	9.25	0.50	µg/L	10.0		92.5		70-130				
2-Hexanone (MBK)	138	10	µg/L	100		138		70-160			V-20	†
Isopropylbenzene (Cumene)	13.6	1.0	µg/L	10.0		**136**	*	70-130			L-02	
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.0		103		70-130				
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108		70-130				
Methylene Chloride	9.43	5.0	µg/L	10.0		94.3		70-130				
4-Methyl-2-pentanone (MIBK)	116	10	µg/L	100		116		70-160			V-20	†
Naphthalene	9.63	2.0	µg/L	10.0		96.3		40-130				†
n-Propylbenzene	10.0	1.0	µg/L	10.0		100		70-130			R-05	
Styrene	12.3	1.0	µg/L	10.0		123		70-130				
1,1,1,2-Tetrachloroethane	8.92	1.0	µg/L	10.0		89.2		70-130				
1,1,2,2-Tetrachloroethane	9.91	0.50	µg/L	10.0		99.1		70-130				
Tetrachloroethylene	12.6	1.0	µg/L	10.0		126		70-130				
Tetrahydrofuran	10.7	10	µg/L	10.0		107		70-130			V-20	
Toluene	10.4	1.0	µg/L	10.0		104		70-130				
1,2,3-Trichlorobenzene	9.84	5.0	µg/L	10.0		98.4		70-130				
1,2,4-Trichlorobenzene	8.13	1.0	µg/L	10.0		81.3		70-130				
1,3,5-Trichlorobenzene	8.08	1.0	µg/L	10.0		80.8		70-130				
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102		70-130				
Trichloroethylene	10.6	1.0	µg/L	10.0		106		70-130				
Trichlorofluoromethane (Freon 11)	11.6	2.0	µg/L	10.0		116		70-130				
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103		70-130			R-05	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.57	1.0	µg/L	10.0		95.7		70-130				
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.0		101		70-130				
1,3,5-Trimethylbenzene	9.15	1.0	µg/L	10.0		91.5		70-130				
Vinyl Chloride	8.73	2.0	µg/L	10.0		87.3		40-160				†
m+p Xylene	19.8	2.0	µg/L	20.0		99.0		70-130				
o-Xylene	12.5	1.0	µg/L	10.0		125		70-130				
Surrogate: 1,2-Dichloroethane-d4	*27.6*		µg/L	25.0		110		70-130				
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102		70-130				
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/L	25.0		115		70-130				

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B042817 - SW-846 5030B													
LCS Dup (B042817-BSD1)				Prepared: 12/14/11 Analyzed: 12/15/11									
Acetone	141	50	µg/L	100		141		70-160	4.24		25		†
Acrylonitrile	11.4	5.0	µg/L	10.0		114		70-130	5.29		25		
tert-Amyl Methyl Ether (TAME)	10.7	0.50	µg/L	10.0		107		70-130	6.84		25		
Benzene	11.5	1.0	µg/L	10.0		115		70-130	8.14		25		
Bromobenzene	11.0	1.0	µg/L	10.0		110		70-130	15.3		25		
Bromochloromethane	11.3	1.0	µg/L	10.0		113		70-130	3.41		25	V-20	
Bromodichloromethane	10.2	0.50	µg/L	10.0		102		70-130	17.9		25		
Bromoform	13.1	1.0	µg/L	10.0		**131**	*	70-130	9.70		25	L-07	
Bromomethane	6.77	2.0	µg/L	10.0		67.7		40-160	18.0		25		†
2-Butanone (MEK)	120	20	µg/L	100		120		40-160	0.868		25	V-20	†
tert-Butyl Alcohol (TBA)	118	20	µg/L	100		118		40-160	7.29		25	V-16	†
n-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130	**36.4**	*	25	R-05	
sec-Butylbenzene	9.80	1.0	µg/L	10.0		98.0		70-130	18.4		25		
tert-Butylbenzene	11.3	1.0	µg/L	10.0		113		70-130	**29.0**	*	25	R-05	
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0		106		70-130	6.42		25		
Carbon Disulfide	14.8	10	µg/L	10.0		**148**	*	70-130	1.84		25	L-02	
Carbon Tetrachloride	11.2	5.0	µg/L	10.0		112		70-130	4.94		25		
Chlorobenzene	11.0	1.0	µg/L	10.0		110		70-130	17.5		25		
Chlorodibromomethane	11.9	0.50	µg/L	10.0		119		70-130	4.19		25	V-20	
Chloroethane	10.0	2.0	µg/L	10.0		100		70-130	1.39		25		
Chloroform	11.6	2.0	µg/L	10.0		116		70-130	7.69		25		
Chloromethane	9.22	2.0	µg/L	10.0		92.2		40-160	1.29		25		†
2-Chlorotoluene	13.6	10	µg/L	10.0		**136**	*	70-130	**29.8**	*	25	L-07A, R-05	
4-Chlorotoluene	11.7	1.0	µg/L	10.0		117		70-130	18.8		25		
1,2-Dibromo-3-chloropropane (DBCP)	10.6	5.0	µg/L	10.0		106		70-130	11.1		25		
1,2-Dibromoethane (EDB)	14.0	0.50	µg/L	10.0		**140**	*	70-130	24.1		25	L-07	
Dibromomethane	11.4	1.0	µg/L	10.0		114		70-130	5.22		25		
1,2-Dichlorobenzene	12.3	1.0	µg/L	10.0		123		70-130	25.0		25		
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130	8.44		25		
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	11.7		25		
trans-1,4-Dichloro-2-butene	13.8	2.0	µg/L	10.0		**138**	*	70-130	**33.1**	*	25	L-07A, R-05	
Dichlorodifluoromethane (Freon 12)	7.31	2.0	µg/L	10.0		73.1		40-160	7.97		25		†
1,1-Dichloroethane	12.6	1.0	µg/L	10.0		126		70-130	0.556		25		
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116		70-130	12.8		25		
1,1-Dichloroethylene	9.74	1.0	µg/L	10.0		97.4		70-130	3.45		25		
cis-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109		70-130	2.60		25		
trans-1,2-Dichloroethylene	12.1	1.0	µg/L	10.0		121		70-130	2.85		25		
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105		70-130	3.09		25		
1,3-Dichloropropane	12.1	0.50	µg/L	10.0		121		70-130	11.6		25		
2,2-Dichloropropane	9.09	1.0	µg/L	10.0		90.9		40-130	1.33		25		†
1,1-Dichloropropene	11.6	2.0	µg/L	10.0		116		70-130	4.69		25		
cis-1,3-Dichloropropene	11.0	0.50	µg/L	10.0		110		70-130	5.69		25		
trans-1,3-Dichloropropene	12.5	0.50	µg/L	10.0		125		70-130	9.52		25		
Diethyl Ether	12.2	2.0	µg/L	10.0		122		70-130	3.17		25		
Diisopropyl Ether (DIPE)	12.7	0.50	µg/L	10.0		127		70-130	3.52		25		
1,4-Dioxane	138	50	µg/L	100		**138**	*	40-130	2.40		50	L-02, V-16, V-20	† ‡
Ethylbenzene	10.9	1.0	µg/L	10.0		109		70-130	16.4		25		
Hexachlorobutadiene	10.1	0.50	µg/L	10.0		101		70-130	8.49		25		
2-Hexanone (MBK)	119	10	µg/L	100		119		70-160	14.8		25	V-20	†
Isopropylbenzene (Cumene)	13.1	1.0	µg/L	10.0		**131**	*	70-130	3.60		25	L-02	
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.0		109		70-130	5.64		25		
Methyl tert-Butyl Ether (MTBE)	10.9	1.0	µg/L	10.0		109		70-130	1.29		25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B042817 - SW-846 5030B													
LCS Dup (B042817-BSD1)				Prepared: 12/14/11 Analyzed: 12/15/11									
Methylene Chloride	9.64	5.0	µg/L	10.0		96.4		70-130	2.20		25		
4-Methyl-2-pentanone (MIBK)	115	10	µg/L	100		115		70-160	0.774		25	V-20	†
Naphthalene	9.33	2.0	µg/L	10.0		93.3		40-130	3.16		25		†
n-Propylbenzene	13.9	1.0	µg/L	10.0		**139**	*	70-130	**32.7**	*	25	L-07A, R-05	
Styrene	12.3	1.0	µg/L	10.0		123		70-130	0.0814		25		
1,1,1,2-Tetrachloroethane	10.3	1.0	µg/L	10.0		103		70-130	14.6		25		
1,1,2,2-Tetrachloroethane	11.8	0.50	µg/L	10.0		118		70-130	17.0		25		
Tetrachloroethylene	11.1	1.0	µg/L	10.0		111		70-130	12.8		25		
Tetrahydrofuran	10.9	10	µg/L	10.0		109		70-130	1.66		25	V-20	
Toluene	11.2	1.0	µg/L	10.0		112		70-130	7.12		25		
1,2,3-Trichlorobenzene	9.25	5.0	µg/L	10.0		92.5		70-130	6.18		25		
1,2,4-Trichlorobenzene	8.99	1.0	µg/L	10.0		89.9		70-130	10.0		25		
1,3,5-Trichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	22.3		25		
1,1,1-Trichloroethane	11.8	1.0	µg/L	10.0		118		70-130	11.6		25		
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112		70-130	9.81		25		
Trichloroethylene	11.0	1.0	µg/L	10.0		110		70-130	4.54		25		
Trichlorofluoromethane (Freon 11)	11.9	2.0	µg/L	10.0		119		70-130	2.39		25		
1,2,3-Trichloropropane	14.5	2.0	µg/L	10.0		**145**	*	70-130	**33.5**	*	25	L-07A, R-05	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.42	1.0	µg/L	10.0		94.2		70-130	1.58		25		
1,2,4-Trimethylbenzene	11.4	1.0	µg/L	10.0		114		70-130	11.7		25		
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.0		114		70-130	21.6		25		
Vinyl Chloride	9.03	2.0	µg/L	10.0		90.3		40-160	3.38		25		†
m+p Xylene	22.6	2.0	µg/L	20.0		113		70-130	13.0		25		
o-Xylene	11.9	1.0	µg/L	10.0		119		70-130	4.85		25		
Surrogate: 1,2-Dichloroethane-d4	*25.9*		µg/L	25.0		104		70-130					
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102		70-130					
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103		70-130					

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
Z-01	Sample was poured into a new vial due to an excessive amount of sediment present.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of ____

11L0228

Company Name: Ecology + Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: Bryan Kroon / Rick Watt
Project Location: Farmingdale, NY
Sampled By: Brian Cervi

Telephone: (716) 684-8060
Project #: 002698.ID25.03
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #:
Email:
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection: Beginning Date/~~Time~~	Collection: Ending ~~Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
								H		
								V		
01	TB-120211	12/2/11	0730		X	DW	C	2		
02	PW20-200	12/2/11	0735		X	GW	L	3		
03	PW23-100	12/5/11	1140		X	GW	L	3		
04	PW23-150	12/6/11	0840		X	GW	L	3		
05	PW23-175	12/6/11	1045		X	GW	L	3		
06	PW23-200	12/6/11	1320		X	GW	L	3		

ANALYSIS REQUESTED
VOCs (8260B)
Dissolved Metals
○ Field Filtered
○ Lab to Filter

B
12/5/11

Comments: The PW23-175 samples appear to be off-gasing

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Relinquished by: (signature)	Date/Time:
	12/6/11 1715
Received by: (signature) Paula Bakelaar	Date/Time: 12:11 12/7/11
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other see SOW
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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United States

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Tracking Detail

K1825356039

Updated: 12/(

Delivered

Delivered On:
Wednesday, 12/07/2011 at 12:11 P.M.

Request Status Updates

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Office

Signed By:
PRENKOWSKI

Proof of Delivery

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To:

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Additional Information

Type:

Package

Shipment Progress

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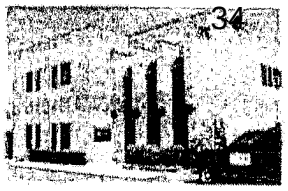

Sample Receipt Checklist

CLIENT NAME: Ecology + Environmental RECEIVED BY: DB DATE: 12/7/11

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.6

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	17	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

UPS # K1825356039

40 mL vials: # HCl 17 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-120211

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0228-01	File ID:	VC347054.D
Sampled:	12/02/11 07:30	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 17:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

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1 - FORM I
ANALYSIS DATA SHEET

TB-120211

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0228-01	File ID:	VC347054.D
Sampled:	12/02/11 07:30	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 17:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120211

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0228-01	File ID:	VC347054.D
Sampled:	12/02/11 07:30	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 17:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120211

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0228-01	File ID:	VC347054.D
Sampled:	12/02/11 07:30	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 17:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347054.D Vial: 53
Acq On : 14 Dec 2011 5:01 pm Operator:
Sample : 11L0228-01 @ TB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 06:57:37 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.406	168	251101	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	336551	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	166530	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	150898	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	122198	25.93	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%			
49) TOLUENE SS	5.606	98	331695	24.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.12%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	123156	25.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%			
Target Compounds						Qvalue
14) ACETONE	1.599	43	2870	2.12	UG/L #	44
23) METHYLENE CHLORIDE	1.847	49	7157	0.74	UG/L	95

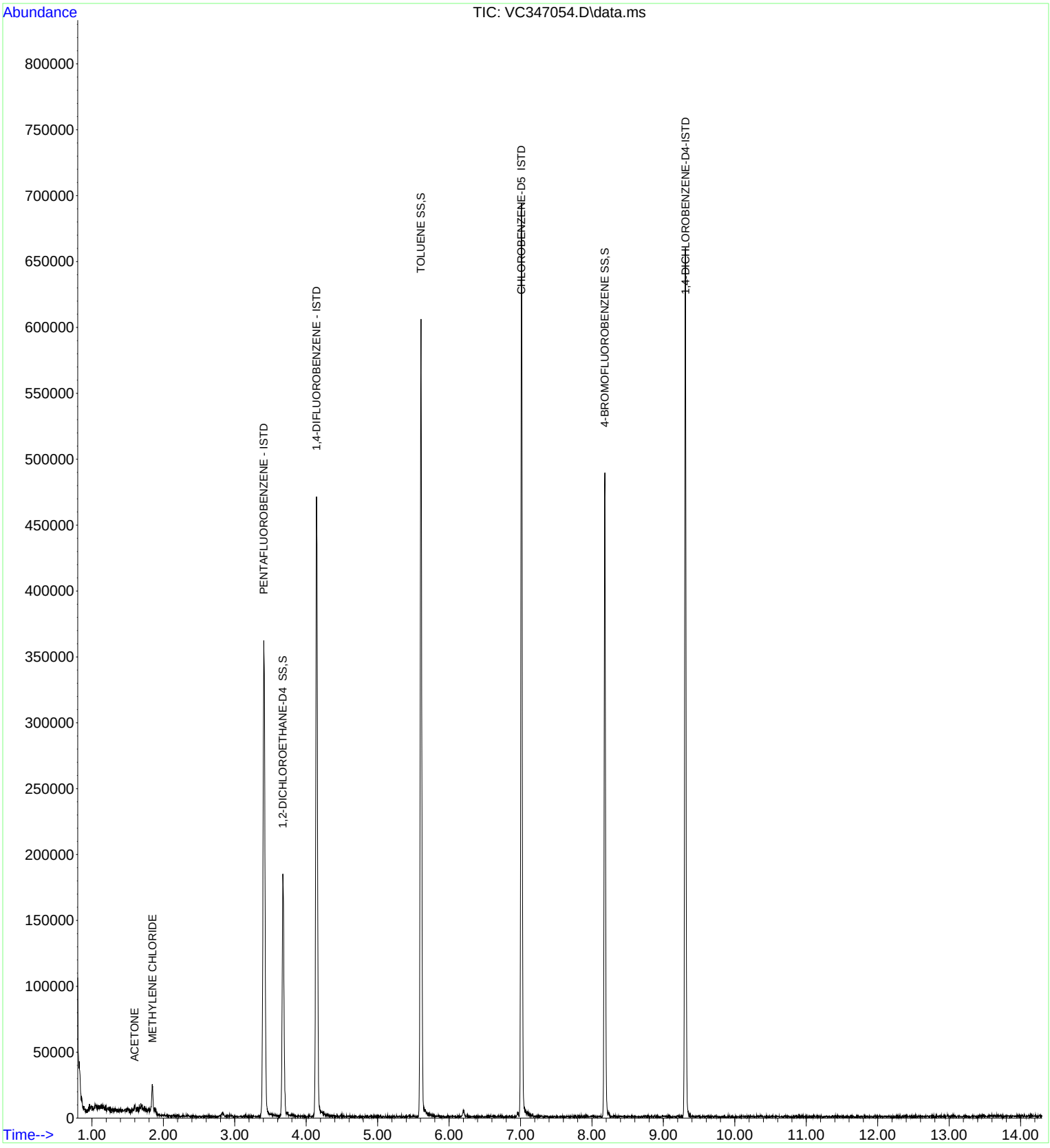
(#) = qualifier out of range (m) = manual integration (+) = signals summed

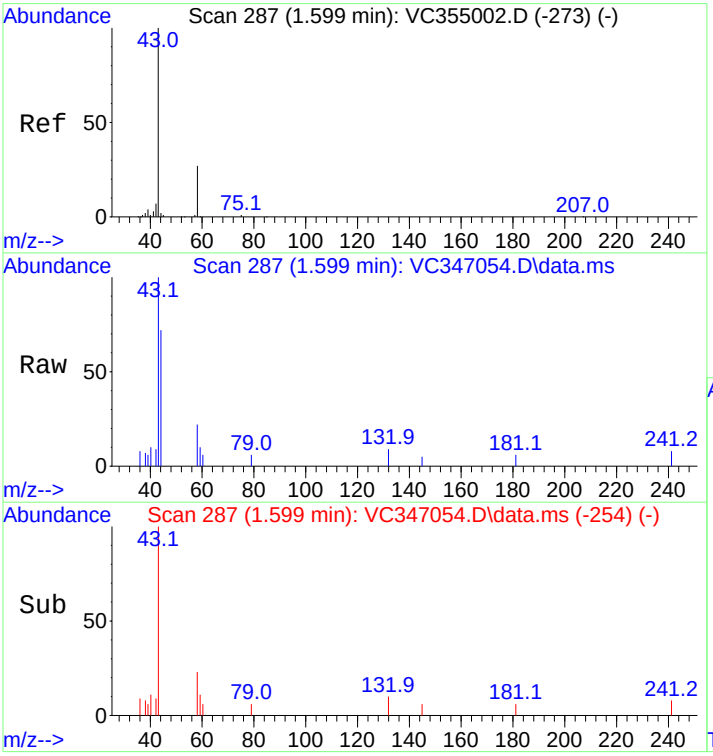
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347054.D
Acq On : 14 Dec 2011 5:01 pm
Sample : 11L0228-01 @ TB
Misc :
Quant Time: Dec 15 06:57:37 2011

Vial: 53
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

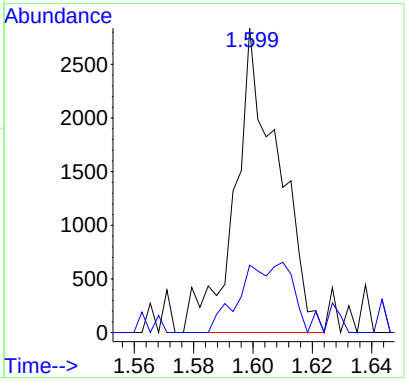


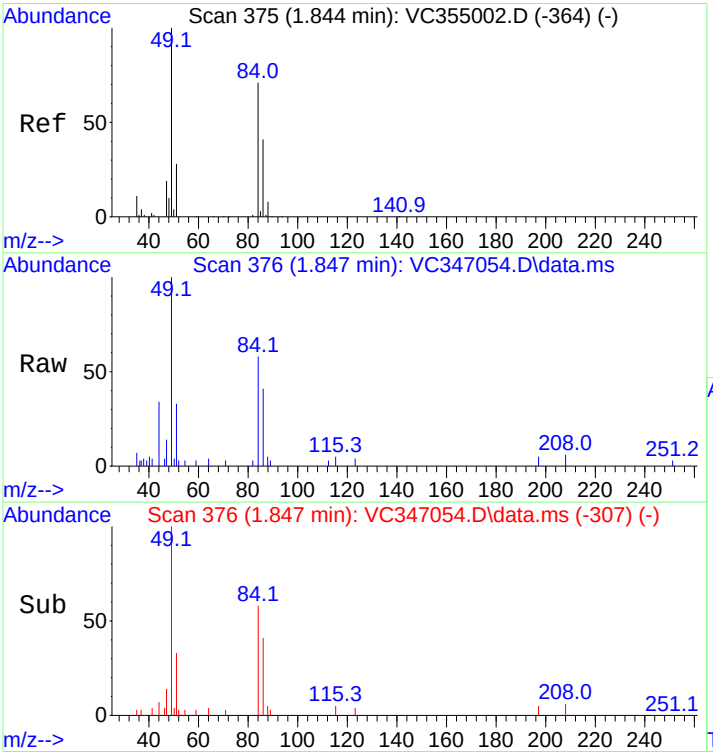


#14
ACETONE
Concen: 2.12 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC347054.D
Acq: 14 Dec 2011 5:01 pm

Tgt Ion: 43 Resp: 2870

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

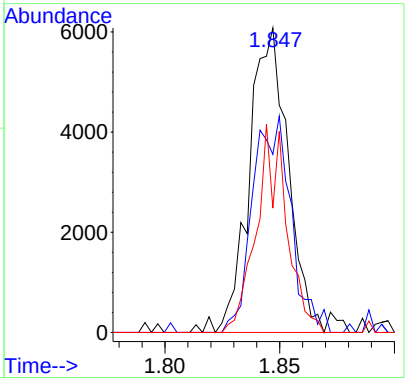




#23
METHYLENE CHLORIDE
Concen: 0.74 UG/L
RT: 1.847 min Scan# 376
Delta R.T. 0.001 min
Lab File: VC347054.D
Acq: 14 Dec 2011 5:01 pm

Tgt Ion: 49 Resp: 7157

Ion	Ratio	Lower	Upper
49	100		
84	69.9	57.8	86.8
86	53.1	37.5	56.3



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1 - FORM I
ANALYSIS DATA SHEET

PW20-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-02	File ID:	VC347059.D
Sampled:	12/02/11 07:35	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 19:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-02	File ID:	VC347059.D
Sampled:	12/02/11 07:35	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 19:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	2.2	0.040	2.0	
75-34-3	1,1-Dichloroethane	5.2	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene	1.6	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-02	File ID:	VC347059.D
Sampled:	12/02/11 07:35	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 19:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.1	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane	1.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-02	File ID:	VC347059.D
Sampled:	12/02/11 07:35	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 19:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347059.D Vial: 58
Acq On : 14 Dec 2011 7:32 pm Operator:
Sample : 11L0228-02 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:11:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	256255	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	345283	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	176009	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	165513	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	123907	25.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.04%				
49) TOLUENE SS	5.603	98	353383	25.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.88%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	130400	25.12	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.48%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	12690	2.18	UG/L		95
14) ACETONE	1.599	43	5609	4.07	UG/L		100
15) 1,1-DICHLOROETHENE	1.568	61	6370	1.55	UG/L		98
24) CARBON DISULFIDE	1.691	76	15669	5.42	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	16281	1.07	UG/L	#	88
27) 1,1-DICHLOROETHANE	2.329	63	49187	5.16	UG/L		98
31) 2-BUTANONE	2.879	43	1659m	0.93	UG/L		
35) ETHYL ACETATE	2.937	43	511	Below Cal		#	68
41) 1,1,1-TRICHLOROETHANE	3.347	97	10820	1.52	UG/L	#	67
75) M/P-XYLENES	7.290	91	7226	0.43	UG/L		93

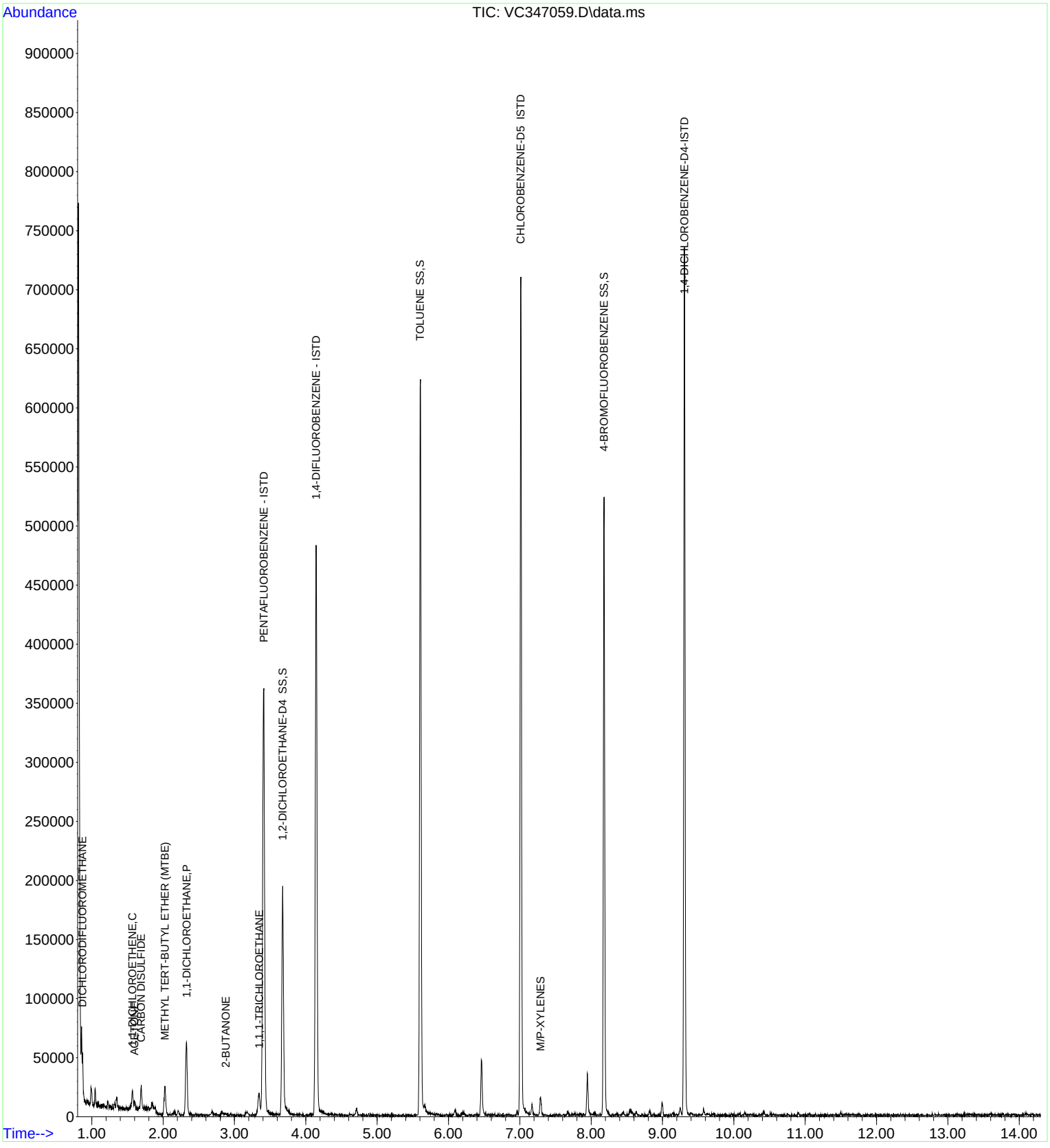
(#) = qualifier out of range (m) = manual integration (+) = signals summed

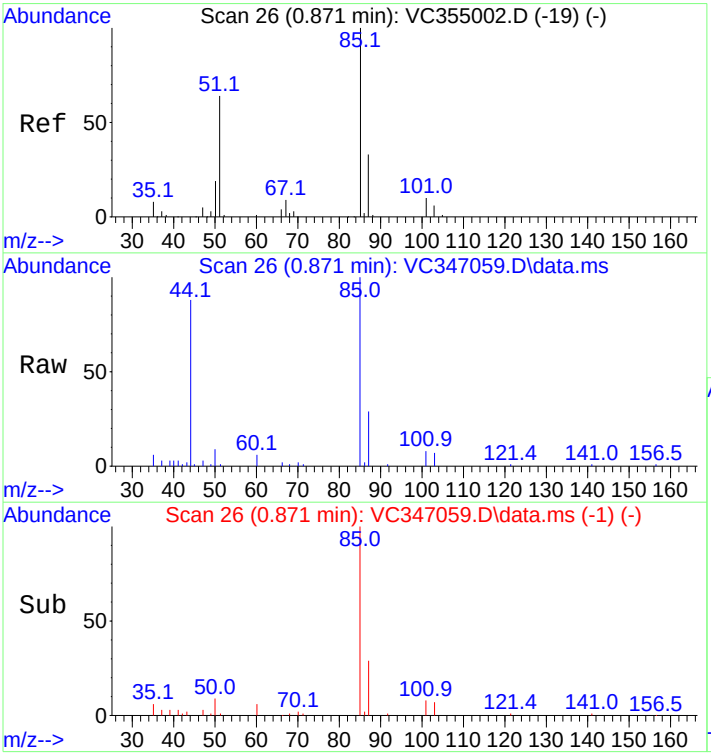
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347059.D
Acq On : 14 Dec 2011 7:32 pm
Sample : 11L0228-02
Misc :
Quant Time: Dec 15 07:11:06 2011

Vial: 58
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

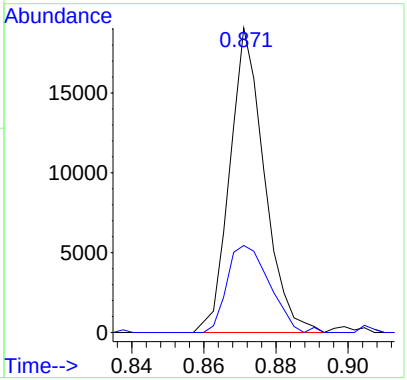


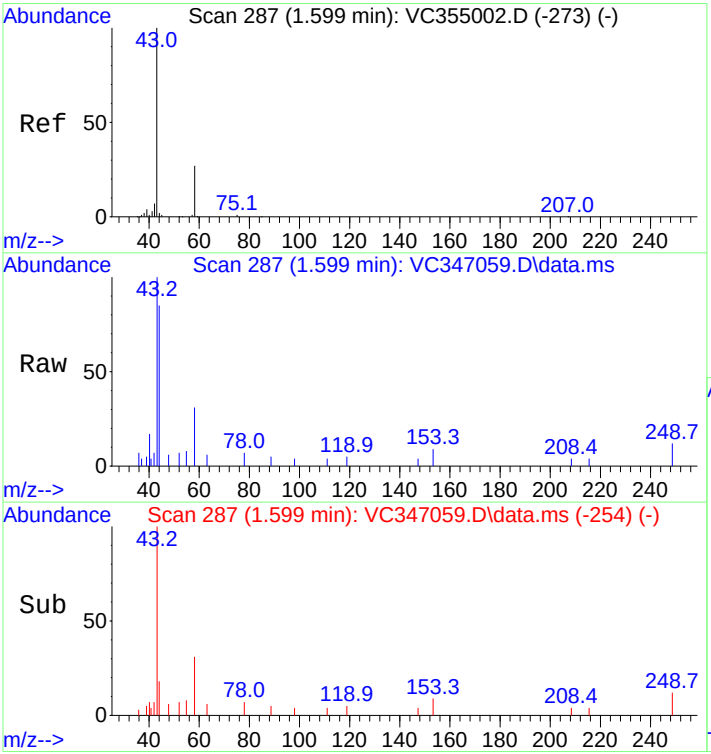


#3
DICHLORODIFLUOROMETHANE
Concen: 2.18 UG/L
RT: 0.871 min Scan# 26
Delta R.T. 0.001 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 85 Resp: 12690

Ion	Ratio	Lower	Upper
85	100		
87	35.2	26.0	39.0

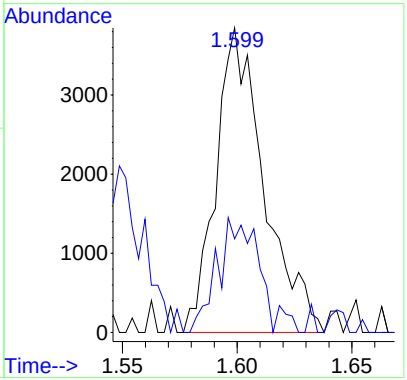


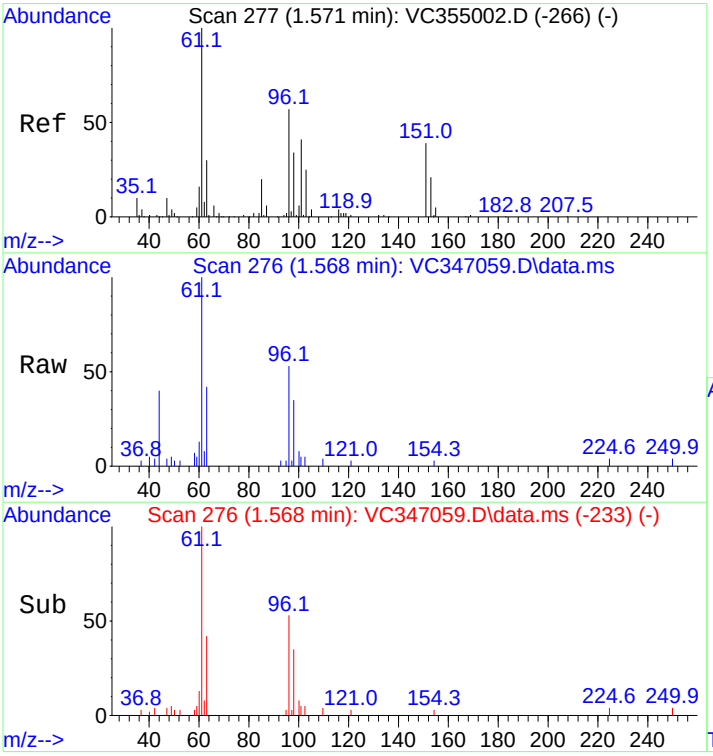


#14
ACETONE
Concen: 4.07 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 43 Resp: 5609

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.8	37.2

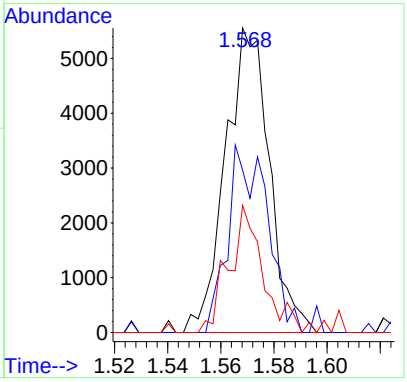


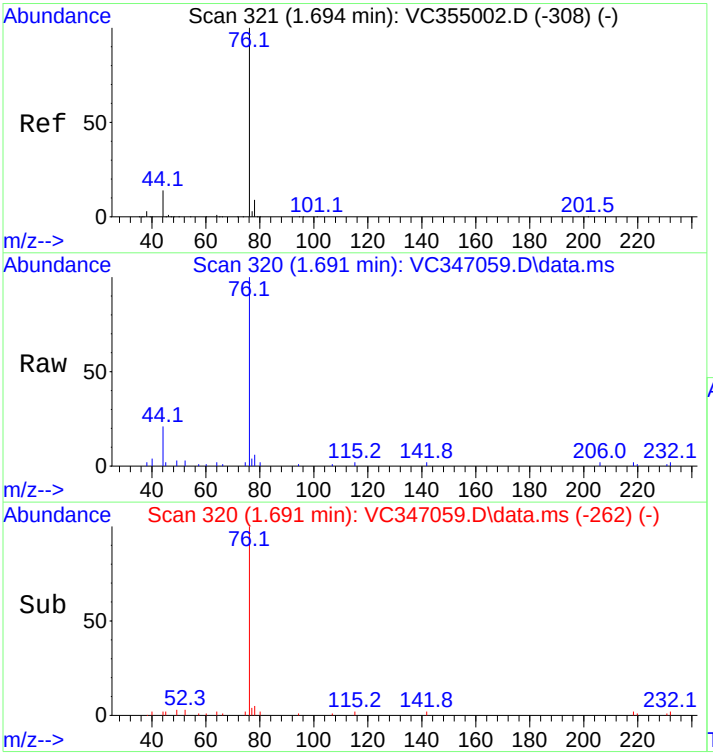


#15
1,1-DICHLOROETHENE
Concen: 1.55 UG/L
RT: 1.568 min Scan# 276
Delta R.T. 0.000 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 61 Resp: 6370

Ion	Ratio	Lower	Upper
61	100		
96	55.5	45.8	68.8
63	32.8	25.6	38.4

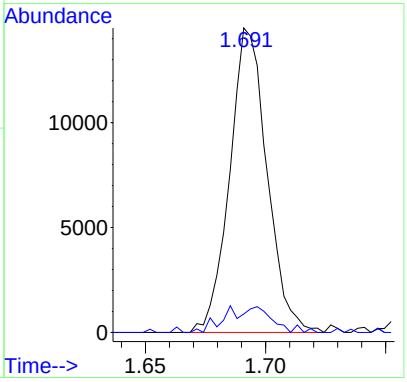


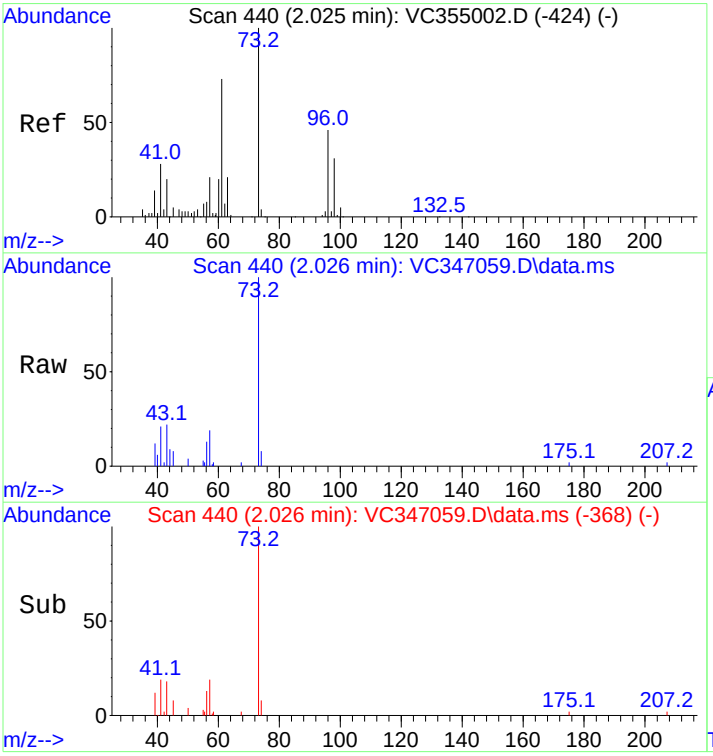


#24
CARBON DISULFIDE
Concen: 5.42 UG/L
RT: 1.691 min Scan# 320
Delta R.T. -0.002 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 76 Resp: 15669

Ion	Ratio	Lower	Upper
76	100		
78	3.9	0.0	0.0#

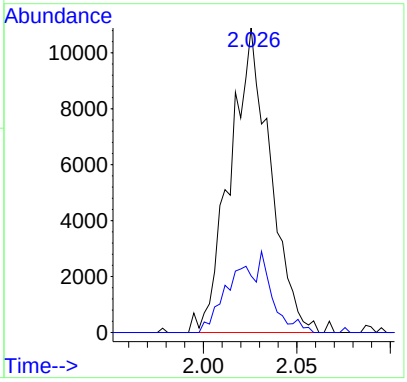


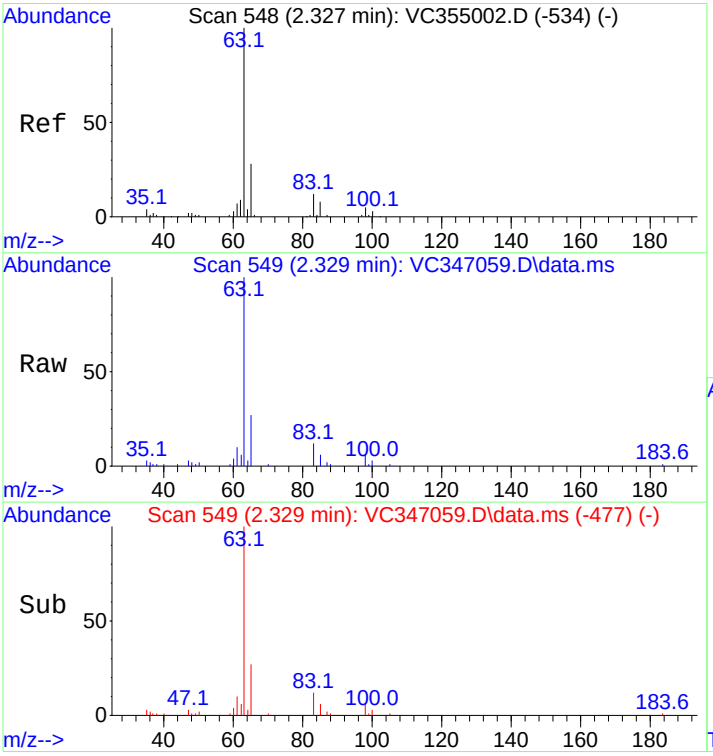


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.07 UG/L
RT: 2.026 min Scan# 440
Delta R.T. 0.001 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 73 Resp: 16281

Ion	Ratio	Lower	Upper
73	100		
57	16.9	18.2	27.4#

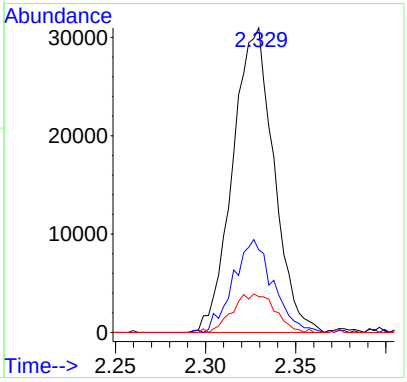


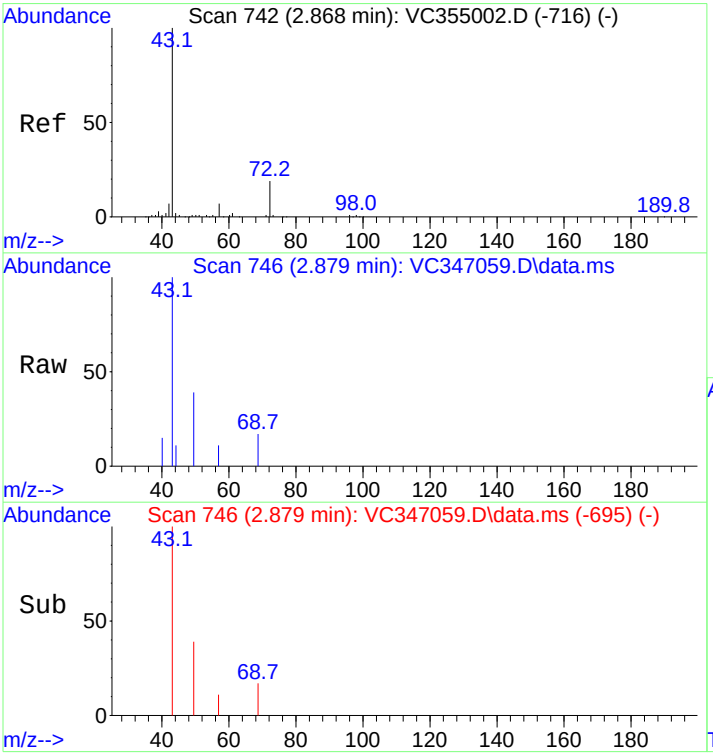


#27
1,1-DICHLOROETHANE
Concen: 5.16 UG/L
RT: 2.329 min Scan# 549
Delta R.T. 0.006 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 63 Resp: 49187

Ion	Ratio	Lower	Upper
63	100		
65	29.5	24.9	37.3
83	13.2	10.1	15.1

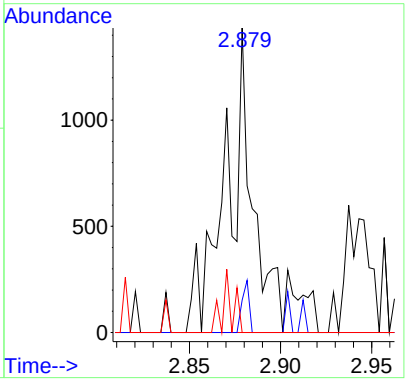


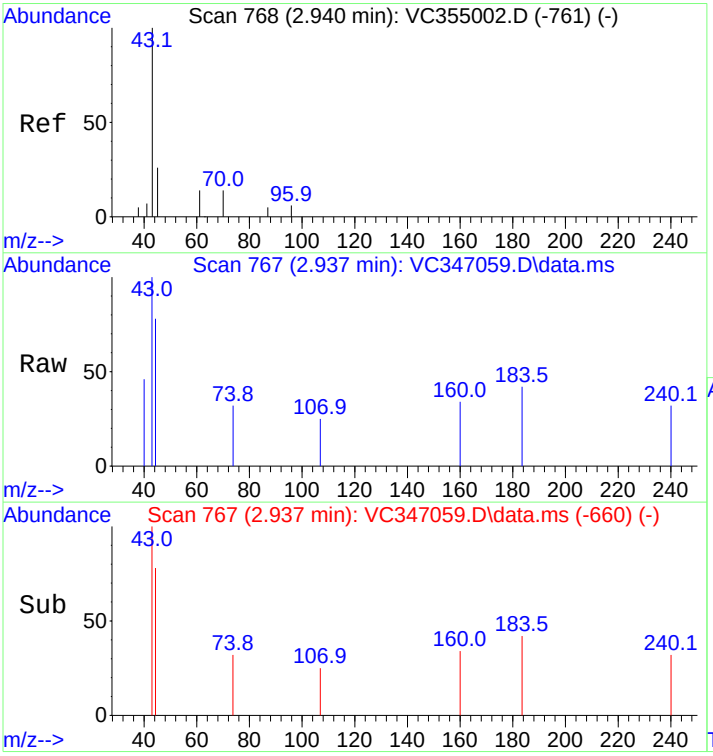


#31
2-BUTANONE
Concen: 0.93 UG/L m
RT: 2.879 min Scan# 746
Delta R.T. 0.008 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 43 Resp: 1659

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

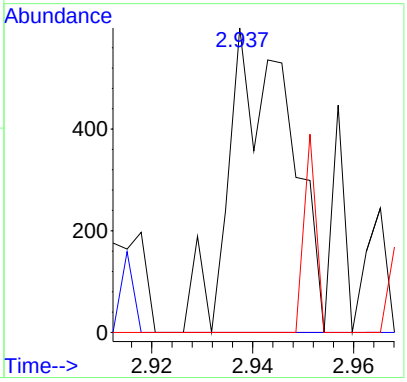


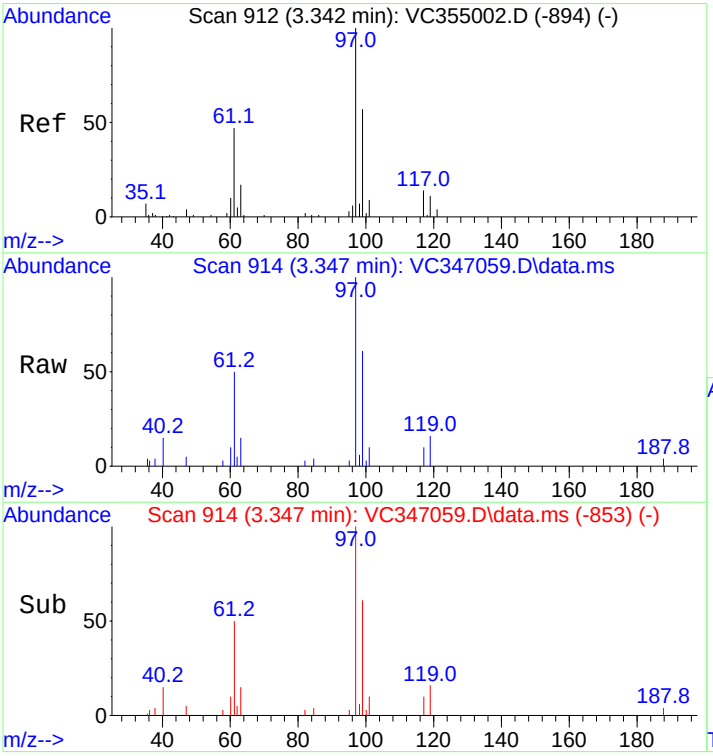


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.937 min Scan# 767
Delta R.T. -0.003 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 43 Resp: 511

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

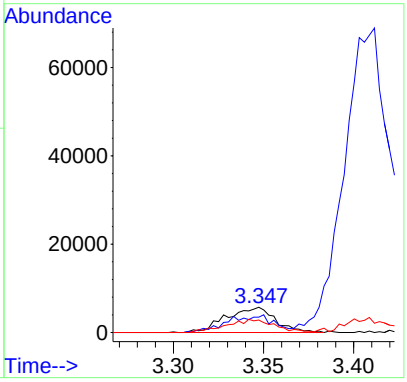


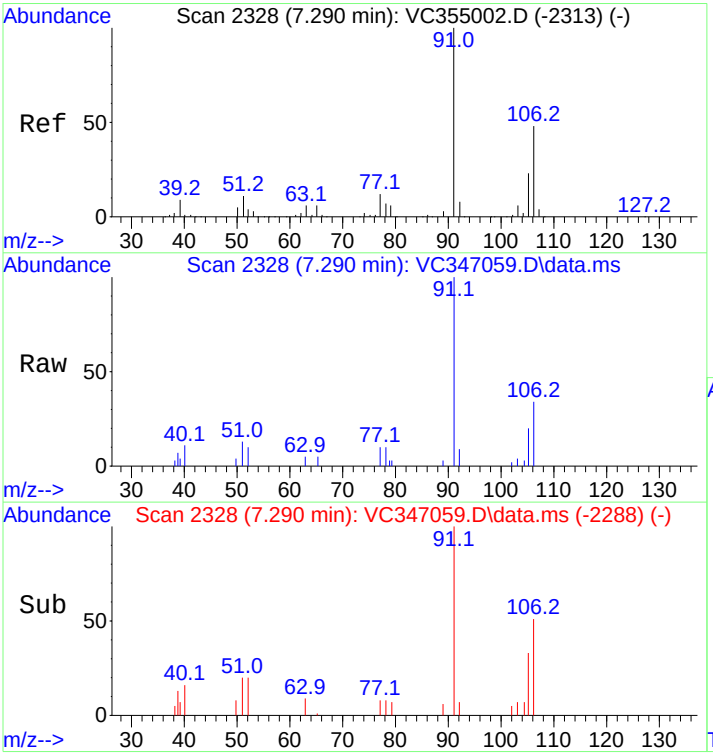


#41
1,1,1-TRICHLOROETHANE
Concen: 1.52 UG/L
RT: 3.347 min Scan# 914
Delta R.T. 0.008 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 97 Resp: 10820

Ion	Ratio	Lower	Upper
97	100		
99	25.4	50.9	76.3#
61	51.5	35.6	53.4

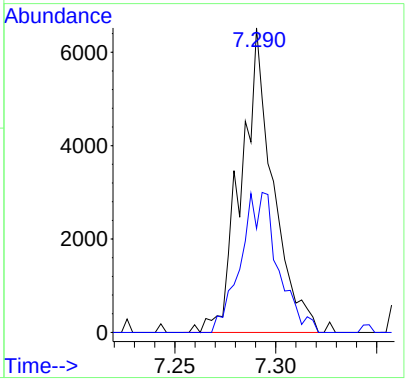




#75
M/P-XYLENES
Concen: 0.43 UG/L
RT: 7.290 min Scan# 2328
Delta R.T. 0.003 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 91 Resp: 7226

Ion	Ratio	Lower	Upper
91	100		
106	53.4	39.0	58.6



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1 - FORM I
ANALYSIS DATA SHEET

PW23-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-03	File ID:	VC347095.D
Sampled:	12/05/11 11:40	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 13:41
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	R-05
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	R-05
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-03	File ID:	VC347095.D
Sampled:	12/05/11 11:40	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 13:41
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	R-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-03	File ID:	VC347095.D
Sampled:	12/05/11 11:40	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 13:41
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	R-05
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-03	File ID:	VC347095.D
Sampled:	12/05/11 11:40	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 13:41
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347095.D Vial: 13
Acq On : 15 Dec 2011 1:41 pm Operator:
Sample : 11L0228-03 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 14:15:17 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	278963	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	373885	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	178238	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	198762	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	136329	26.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.12%				
49) TOLUENE SS	5.606	98	357130	23.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.12%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	125020	23.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.12%				
Target Compounds							Qvalue
14) ACETONE	1.602	43	28382	18.90	UG/L		95
17) IODOMETHANE	1.657	142	1375	11.05	UG/L	#	100
24) CARBON DISULFIDE	1.691	76	29198	6.05	UG/L	#	100
31) 2-BUTANONE	2.870	43	11553	5.94	UG/L	#	85
45) BENZENE	3.721	78	11877	0.60	UG/L	#	75
65) 2-HEXANONE	6.376	43	3367	1.35	UG/L	#	49

(#) = qualifier out of range (m) = manual integration (+) = signals summed

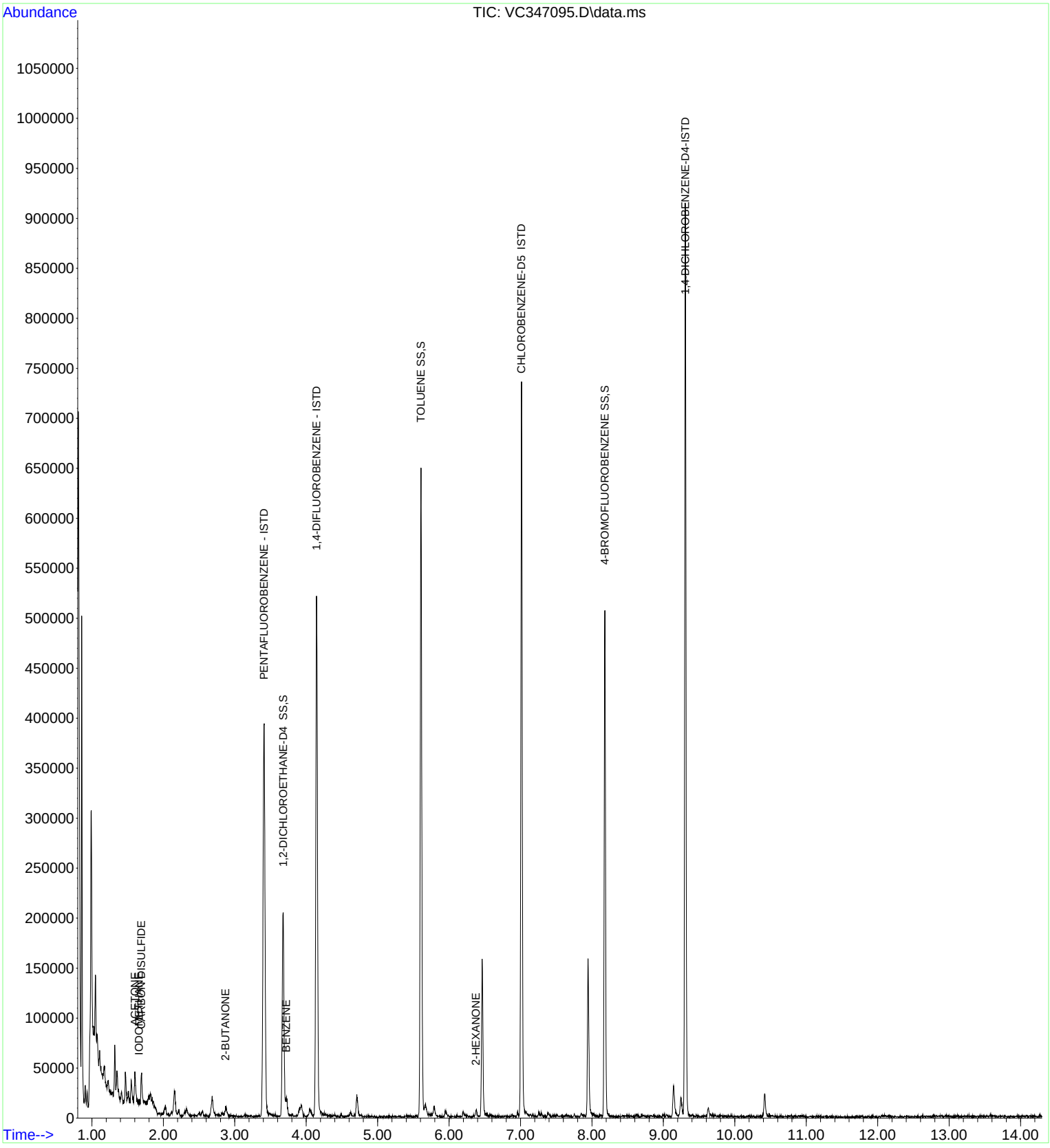
Quantitation Report (QT Reviewed)

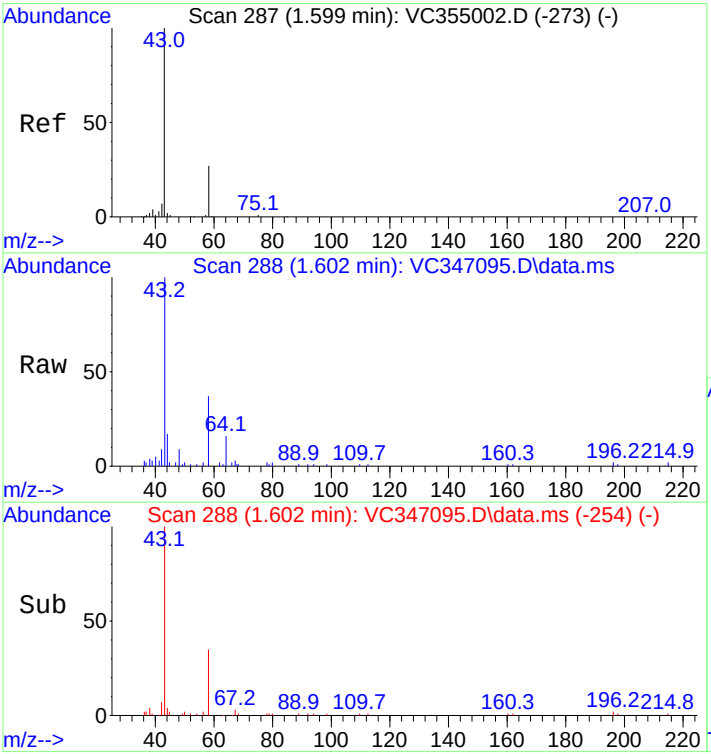
Data File : Y:\1\DATA\121311\VC347095.D
Acq On : 15 Dec 2011 1:41 pm
Sample : 11L0228-03
Misc :
Quant Time: Dec 15 14:15:17 2011

Vial: 13
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

60

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

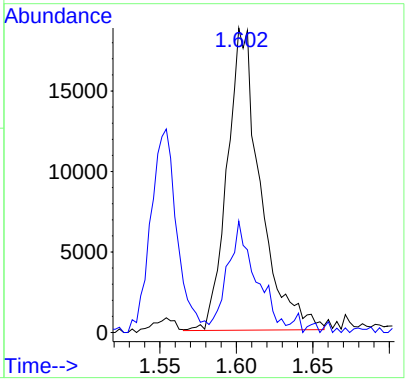


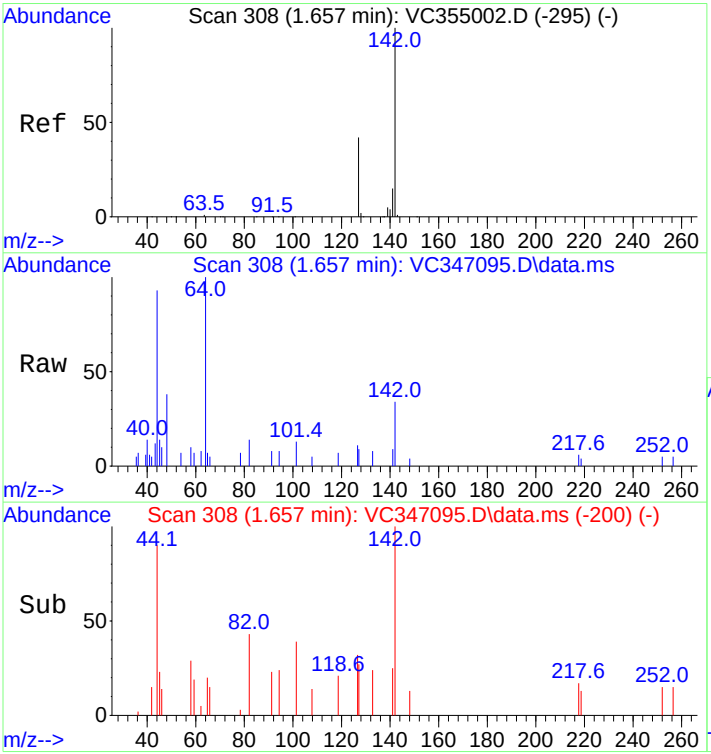


#14
ACETONE
Concen: 18.90 UG/L
RT: 1.602 min Scan# 288
Delta R.T. 0.001 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 43 Resp: 28382

Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.8	37.2

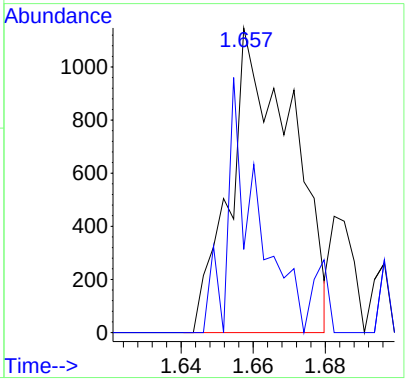


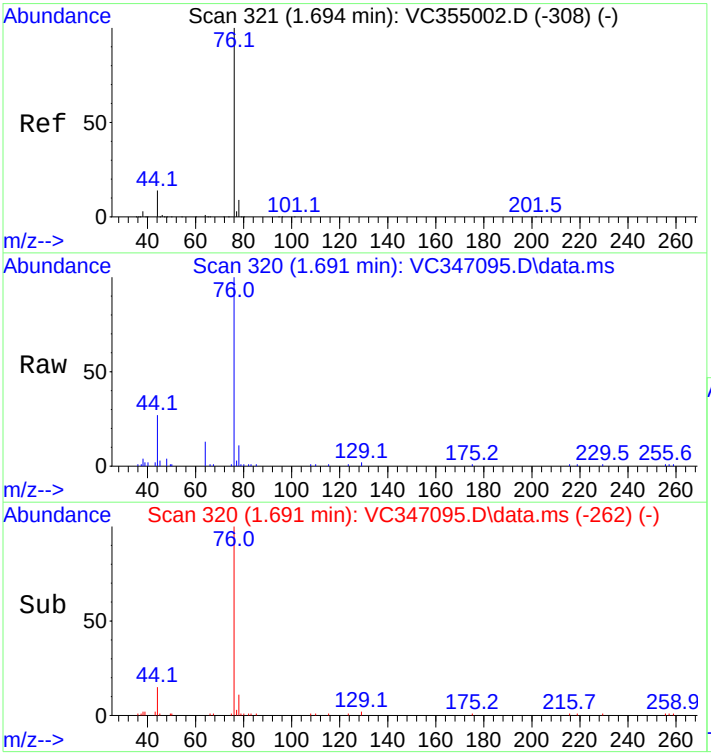


#17
IODOMETHANE
Concen: 11.05 UG/L
RT: 1.657 min Scan# 308
Delta R.T. 0.000 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion:142 Resp: 1375

Ion	Ratio	Lower	Upper
142	100		
127	39.4	0.0	0.0#

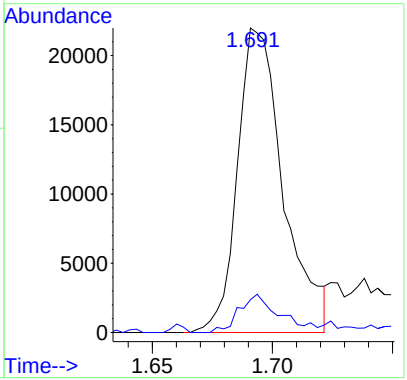


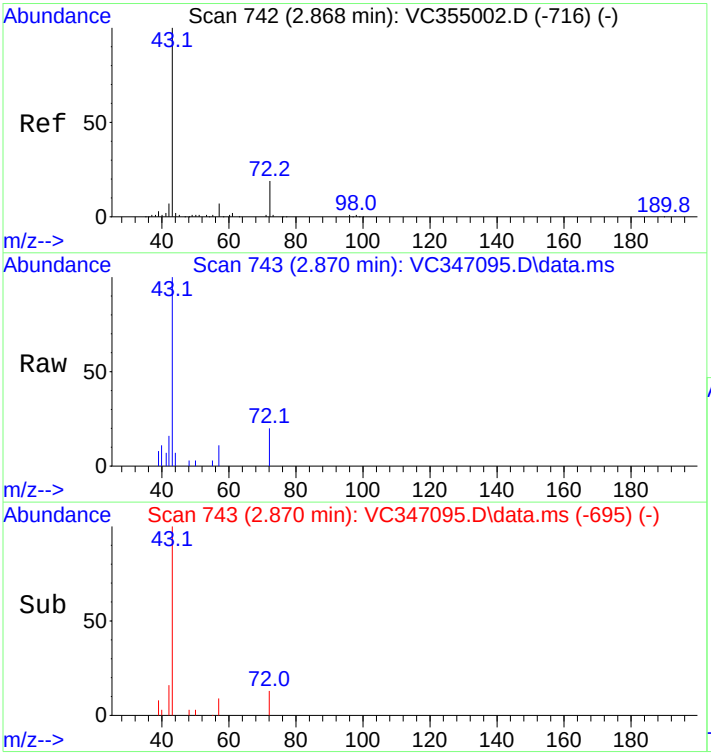


#24
CARBON DISULFIDE
Concen: 6.05 UG/L
RT: 1.691 min Scan# 320
Delta R.T. -0.002 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 76 Resp: 29198

Ion	Ratio	Lower	Upper
76	100		
78	10.5	0.0	0.0#

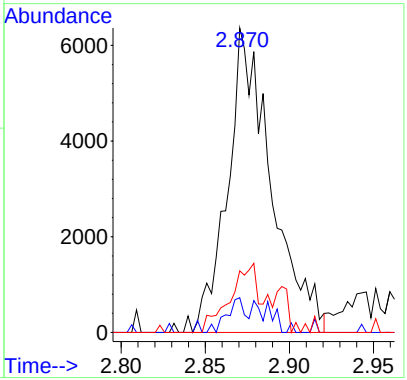


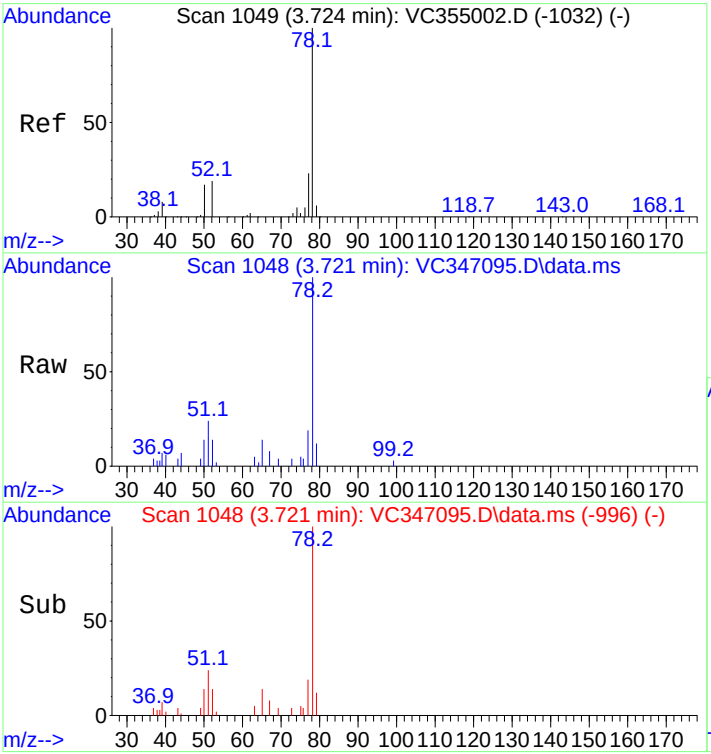


#31
2-BUTANONE
Concen: 5.94 UG/L
RT: 2.870 min Scan# 743
Delta R.T. 0.000 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 43 Resp: 11553

Ion	Ratio	Lower	Upper
43	100		
57	4.8	6.2	9.4#
72	14.5	18.5	27.7#

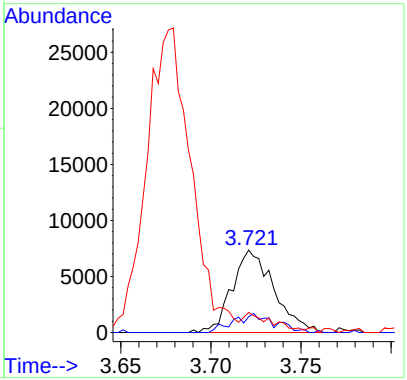


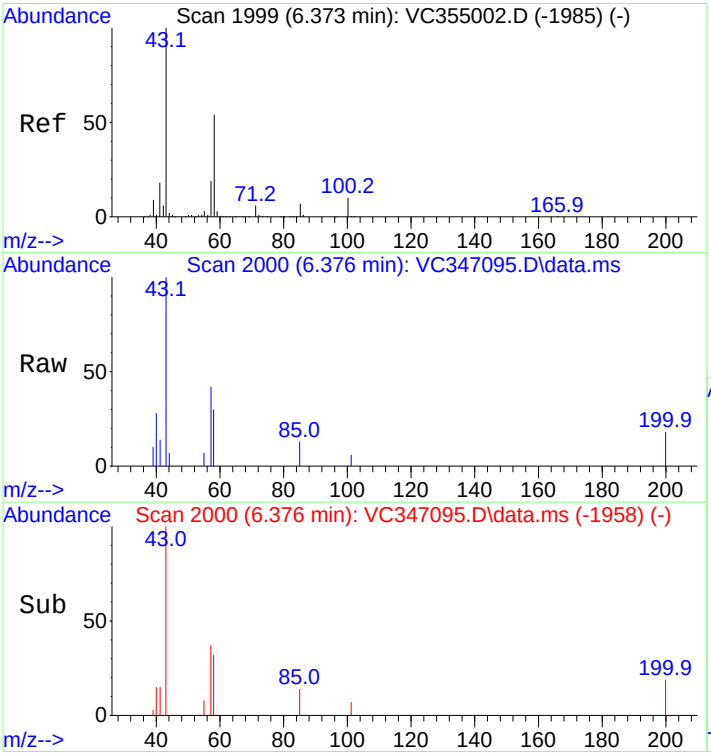


#45
BENZENE
Concen: 0.60 UG/L
RT: 3.721 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 78 Resp: 11877

Ion	Ratio	Lower	Upper
78	100		
77	7.5	18.4	27.6#
51	13.8	17.4	26.2#

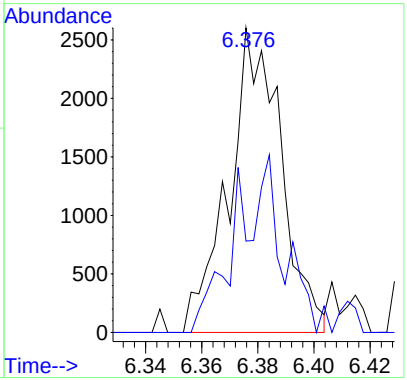




#65
2-HEXANONE
Concen: 1.35 UG/L
RT: 6.376 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 43 Resp: 3367

Ion	Ratio	Lower	Upper
43	100		
58	20.5	47.0	70.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW23-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-04	File ID:	VC347060.D
Sampled:	12/06/11 08:40	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

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1 - FORM I
ANALYSIS DATA SHEET

PW23-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-04	File ID:	VC347060.D
Sampled:	12/06/11 08:40	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane	2.1	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene	1.3	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-04	File ID:	VC347060.D
Sampled:	12/06/11 08:40	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	3.8	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-04	File ID:	VC347060.D
Sampled:	12/06/11 08:40	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347060.D Vial: 59
Acq On : 14 Dec 2011 8:02 pm Operator:
Sample : 11L0228-04 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:12:59 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.412	168	243145	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	349797	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	177344	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	161359	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	121044	26.52	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.08%				
49) TOLUENE SS	5.606	98	344821	24.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.16%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	126133	24.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.44%				
Target Compounds							Qvalue
14) ACETONE	1.596	43	3183m	2.43	UG/L		
15) 1,1-DICHLOROETHENE	1.571	61	3022	1.28	UG/L		93
17) IODOMETHANE	1.660	142	1538m	11.08	UG/L		
24) CARBON DISULFIDE	1.691	76	10941	5.19	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	54894	3.79	UG/L		99
27) 1,1-DICHLOROETHANE	2.324	63	18797	2.08	UG/L		92
41) 1,1,1-TRICHLOROETHANE	3.342	97	5724	0.85	UG/L	#	54

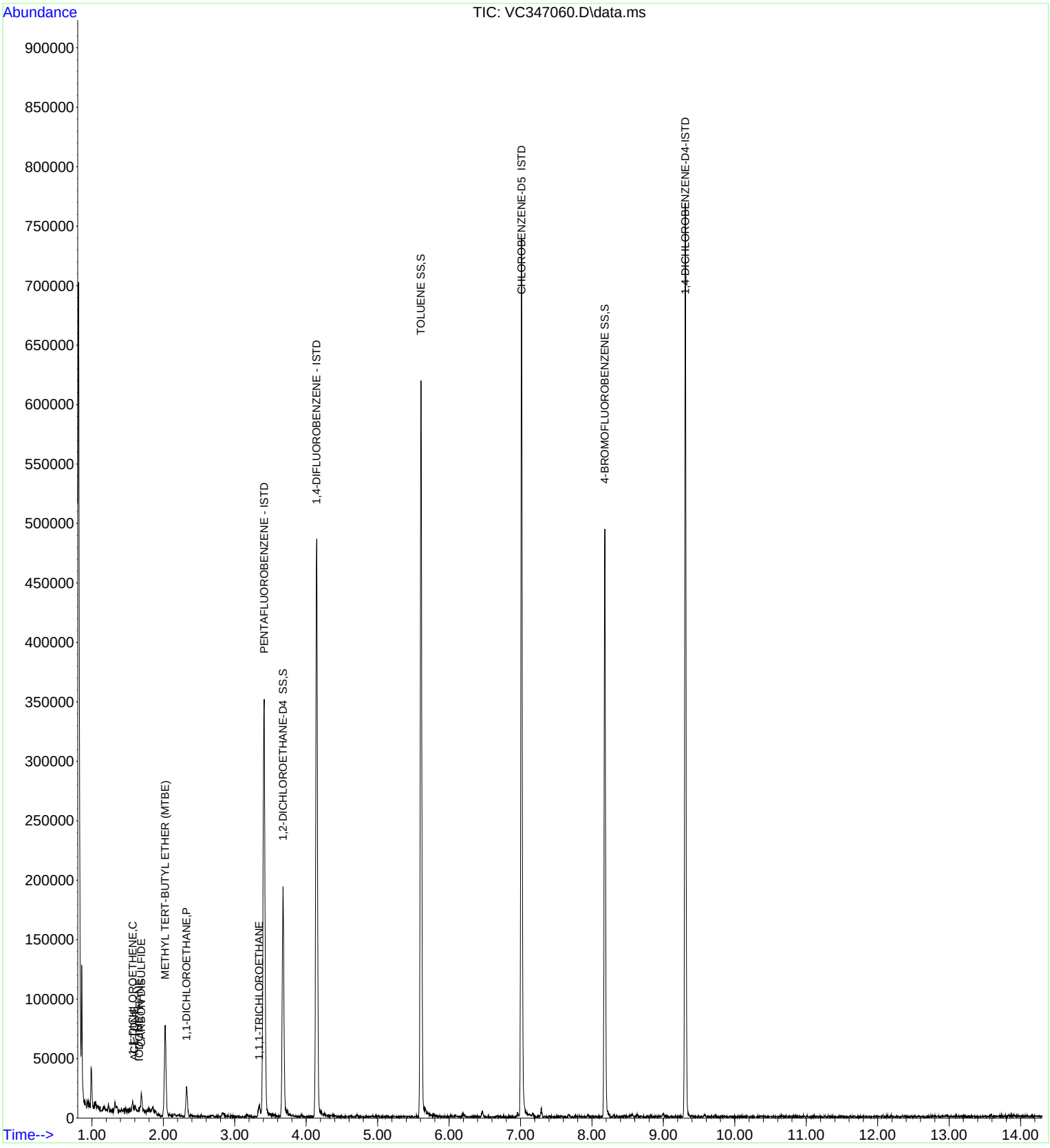
(#) = qualifier out of range (m) = manual integration (+) = signals summed

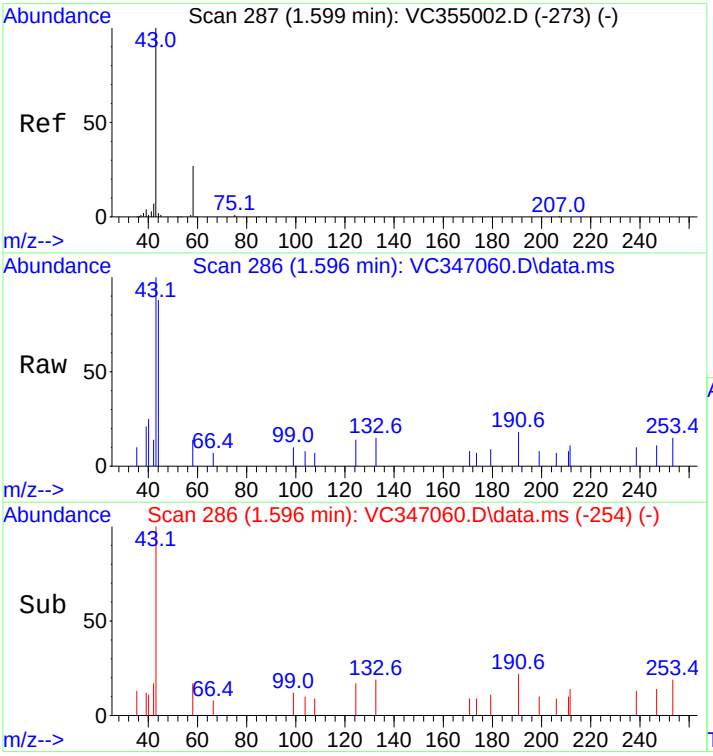
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347060.D
Acq On : 14 Dec 2011 8:02 pm
Sample : 11L0228-04
Misc :
Quant Time: Dec 15 07:12:59 2011

Vial: 59
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

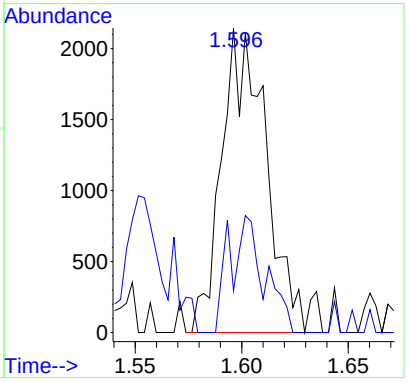


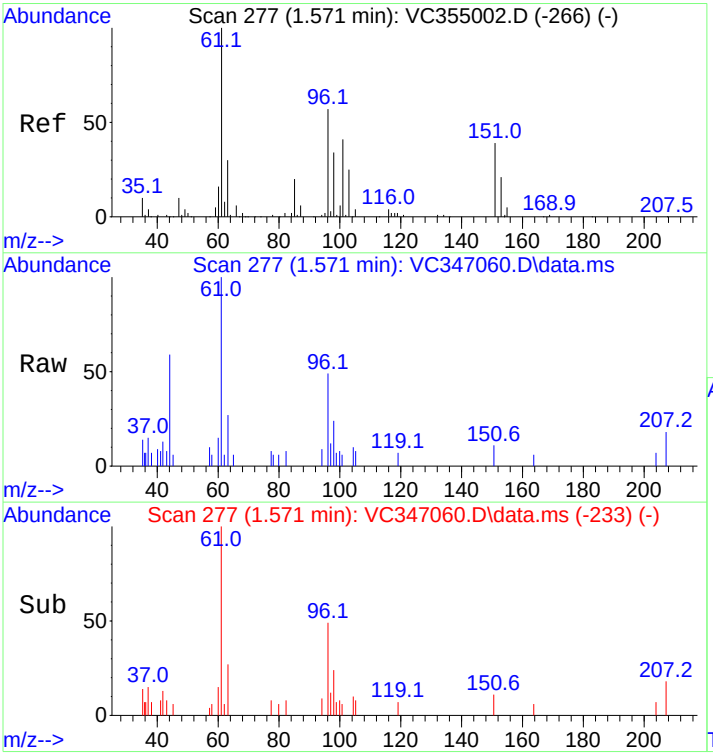


#14
ACETONE
Concen: 2.43 UG/L m
RT: 1.596 min Scan# 286
Delta R.T. -0.005 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 43 Resp: 3183

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.8	37.2

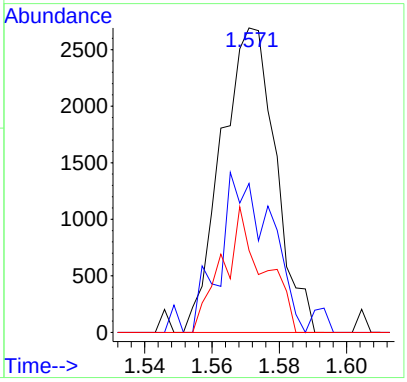


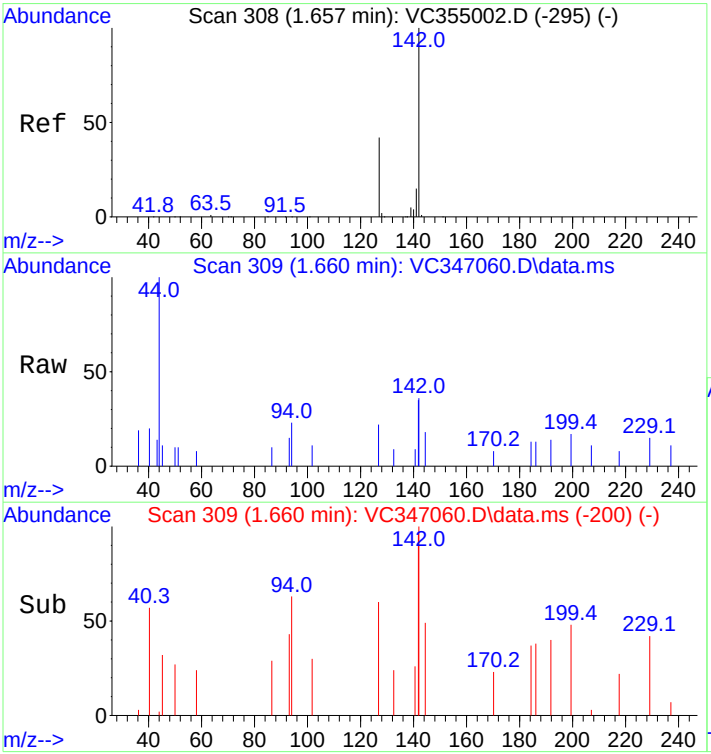


#15
1,1-DICHLOROETHENE
Concen: 1.28 UG/L
RT: 1.571 min Scan# 277
Delta R.T. 0.003 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 61 Resp: 3022

Ion	Ratio	Lower	Upper
61	100		
96	50.1	45.8	68.8
63	31.3	25.6	38.4

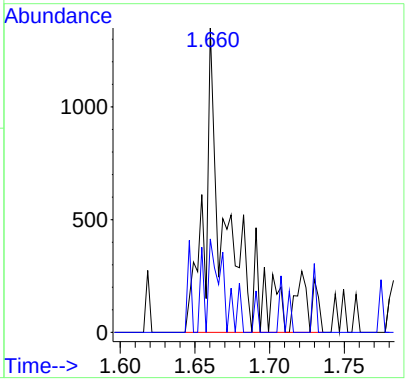


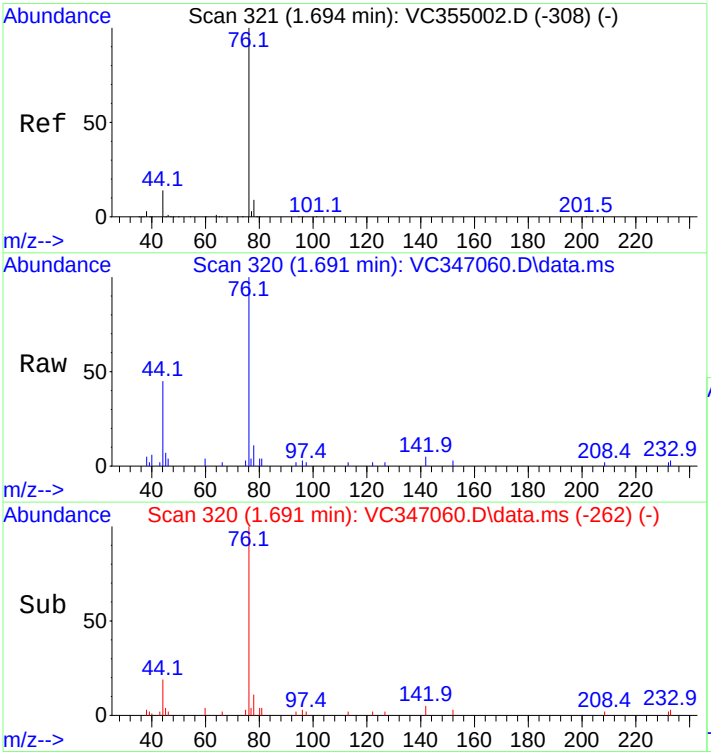


#17
IODOMETHANE
Concen: 11.08 UG/L m
RT: 1.660 min Scan# 309
Delta R.T. 0.003 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion:142 Resp: 1538

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

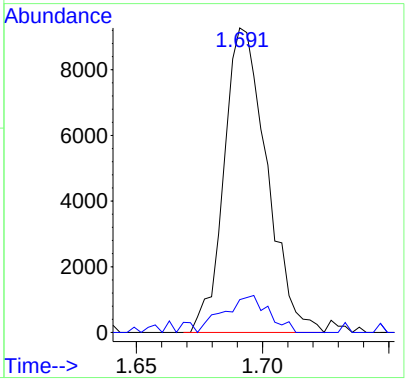


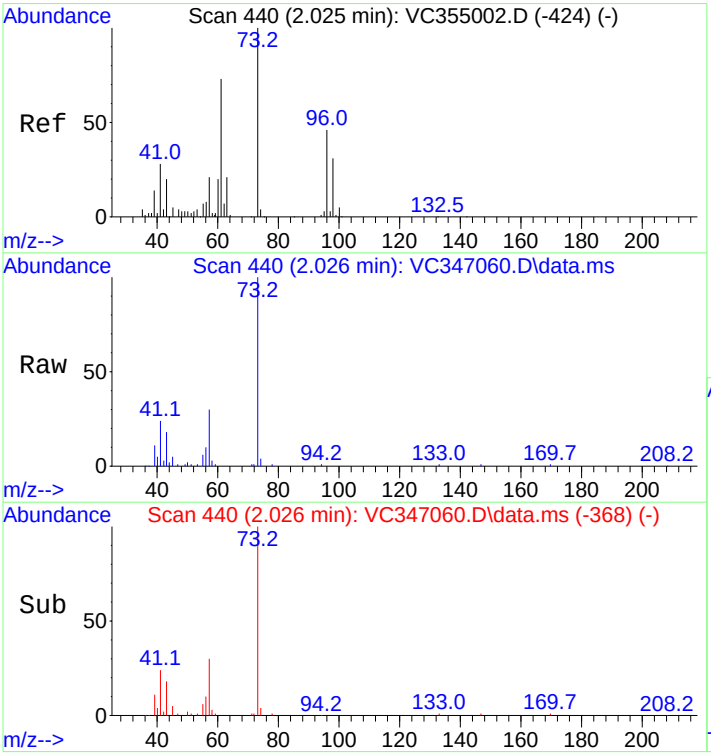


#24
CARBON DISULFIDE
Concen: 5.19 UG/L
RT: 1.691 min Scan# 320
Delta R.T. -0.002 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 76 Resp: 10941

Ion	Ratio	Lower	Upper
76	100		
78	12.5	0.0	0.0#

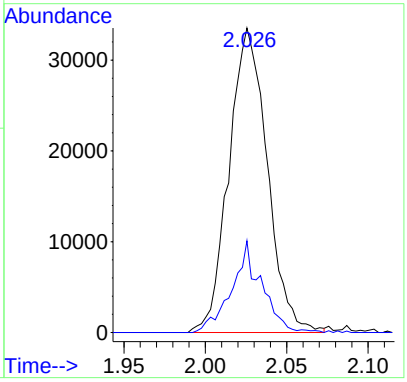


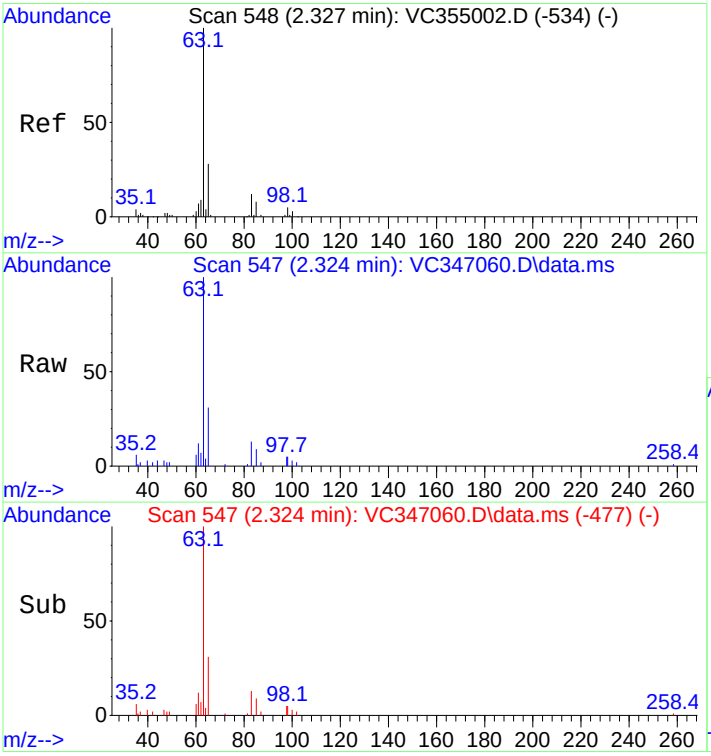


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 3.79 UG/L
RT: 2.026 min Scan# 440
Delta R.T. 0.001 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 73 Resp: 54894

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.2	27.4

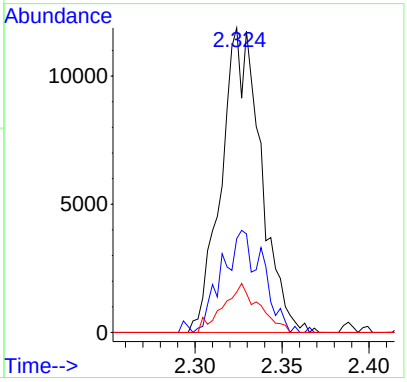


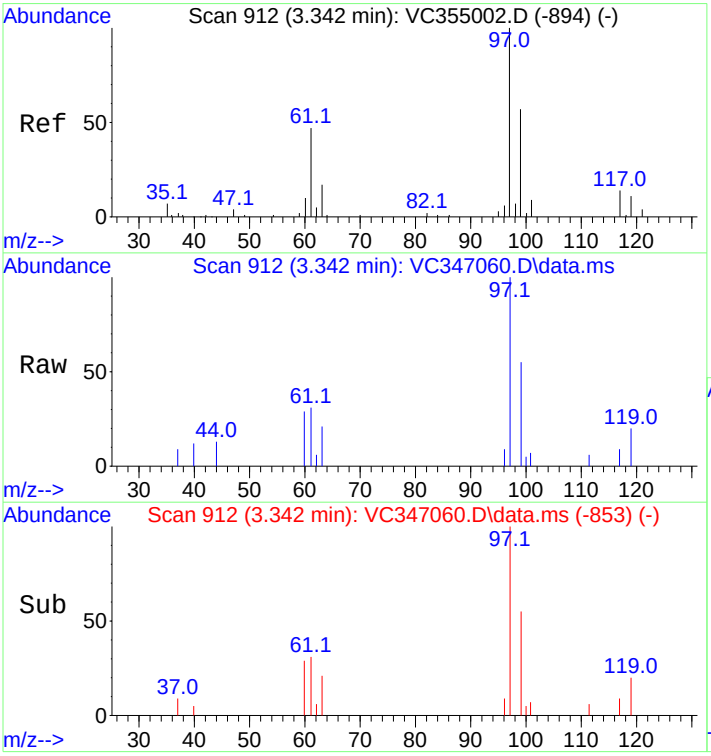


#27
1,1-DICHLOROETHANE
Concen: 2.08 UG/L
RT: 2.324 min Scan# 547
Delta R.T. 0.001 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 63 Resp: 18797

Ion	Ratio	Lower	Upper
63	100		
65	25.9	24.9	37.3
83	14.6	10.1	15.1

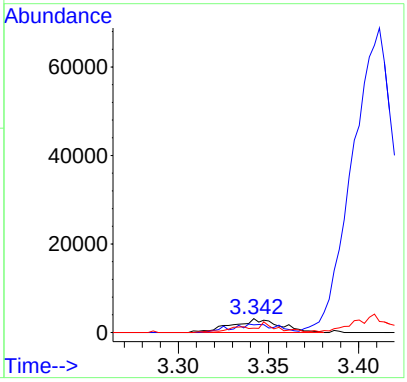




#41
1,1,1-TRICHLOROETHANE
Concen: 0.85 UG/L
RT: 3.342 min Scan# 912
Delta R.T. 0.003 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 97 Resp: 5724

Ion	Ratio	Lower	Upper
97	100		
99	22.9	50.9	76.3#
61	21.0	35.6	53.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW23-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-05	File ID:	VC347061.D
Sampled:	12/06/11 10:45	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

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1 - FORM I
ANALYSIS DATA SHEET

PW23-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-05	File ID:	VC347061.D
Sampled:	12/06/11 10:45	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-05	File ID:	VC347061.D
Sampled:	12/06/11 10:45	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-05	File ID:	VC347061.D
Sampled:	12/06/11 10:45	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347061.D Vial: 60
Acq On : 14 Dec 2011 8:32 pm Operator:
Sample : 11L0228-05 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:14:33 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	286494	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	343913	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	174458	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	175263	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	127286	23.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.68%				
49) TOLUENE SS	5.606	98	341040	24.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	130384	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
Target Compounds							Qvalue
14) ACETONE	1.599	43	23236	15.07	UG/L		95
23) METHYLENE CHLORIDE	1.844	49	13578	1.23	UG/L		99
24) CARBON DISULFIDE	1.691	76	8174	4.95	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	16874	0.99	UG/L		98
27) 1,1-DICHLOROETHANE	2.329	63	4755	0.45	UG/L	#	79
31) 2-BUTANONE	2.873	43	7421m	3.71	UG/L		
35) ETHYL ACETATE	2.946	43	1088	Below Cal		#	68

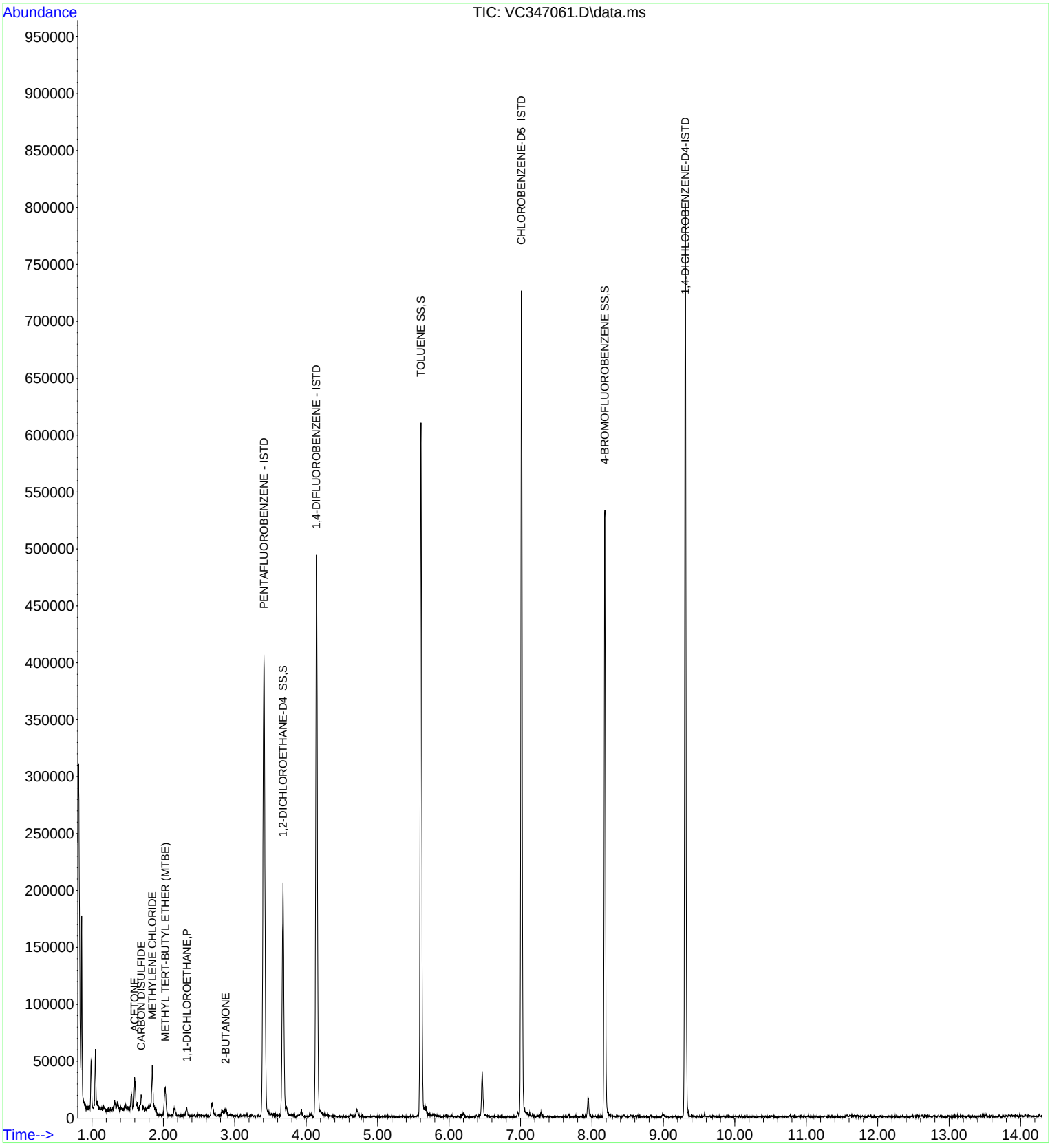
(#) = qualifier out of range (m) = manual integration (+) = signals summed

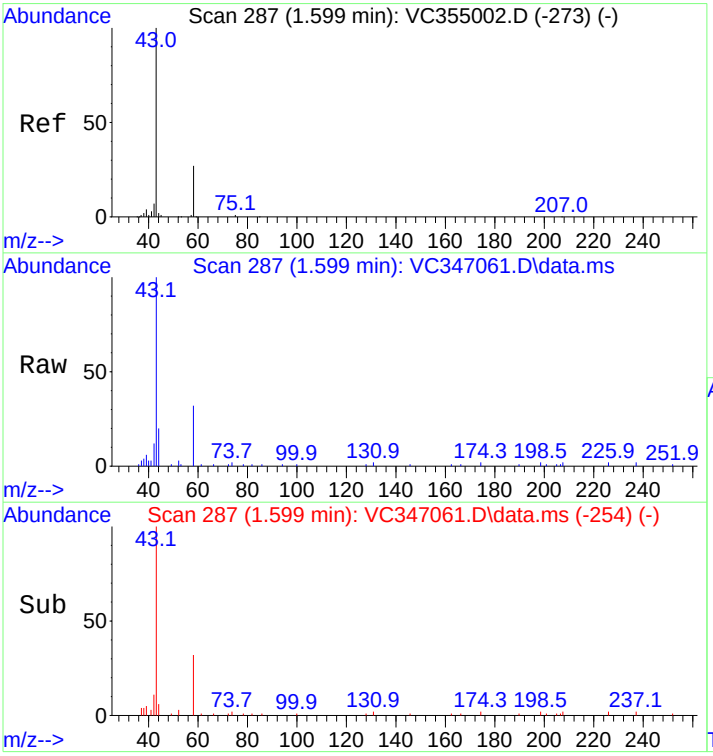
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347061.D
Acq On : 14 Dec 2011 8:32 pm
Sample : 11L0228-05
Misc :
Quant Time: Dec 15 07:14:33 2011

Vial: 60
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

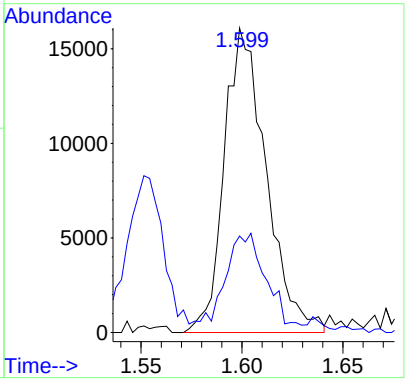


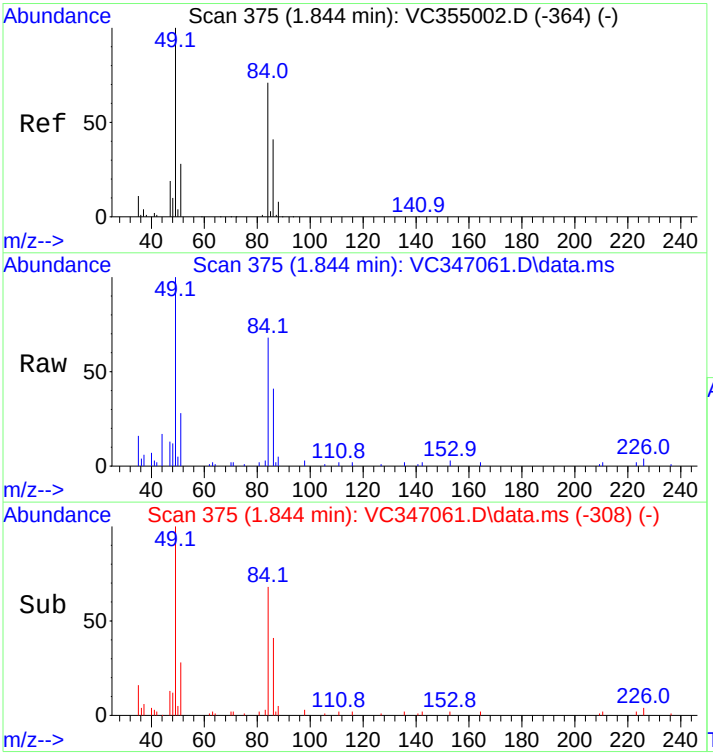


#14
ACETONE
Concen: 15.07 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 43 Resp: 23236

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.8	37.2

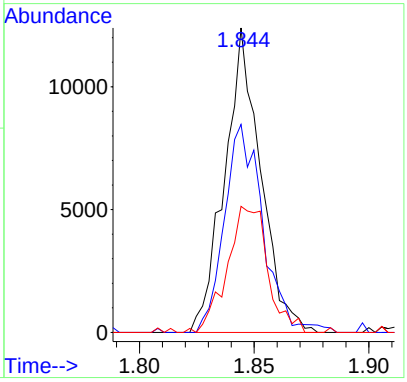


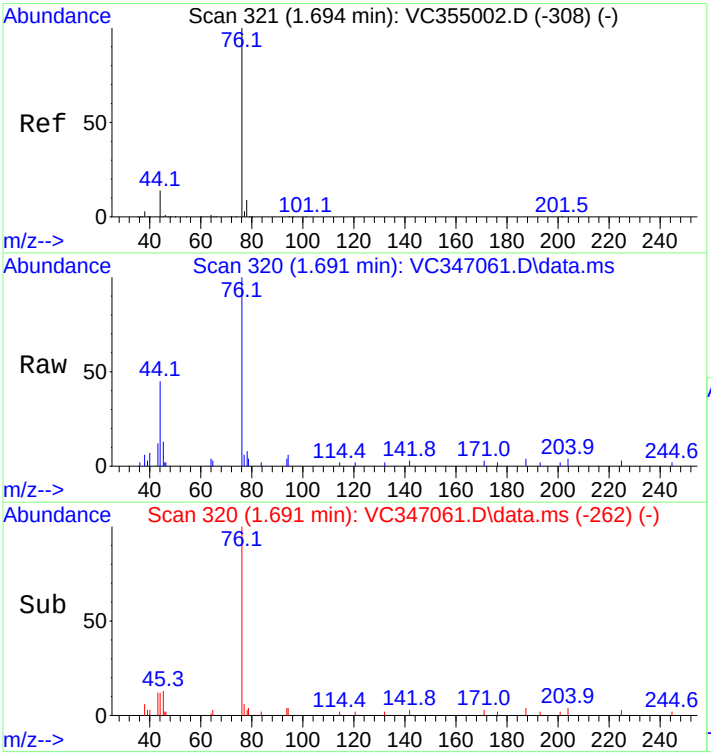


#23
METHYLENE CHLORIDE
Concen: 1.23 UG/L
RT: 1.844 min Scan# 375
Delta R.T. -0.002 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 49 Resp: 13578

Ion	Ratio	Lower	Upper
49	100		
84	72.9	57.8	86.8
86	46.3	37.5	56.3

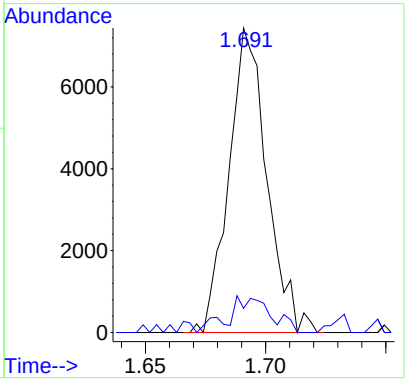


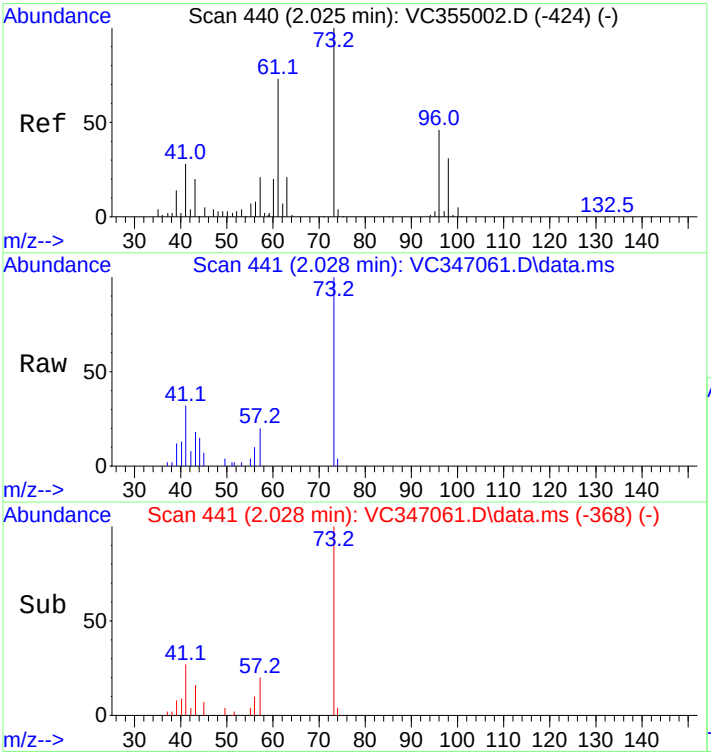


#24
CARBON DISULFIDE
Concen: 4.95 UG/L
RT: 1.691 min Scan# 320
Delta R.T. -0.002 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 76 Resp: 8174

Ion	Ratio	Lower	Upper
76	100		
78	6.5	0.0	0.0#

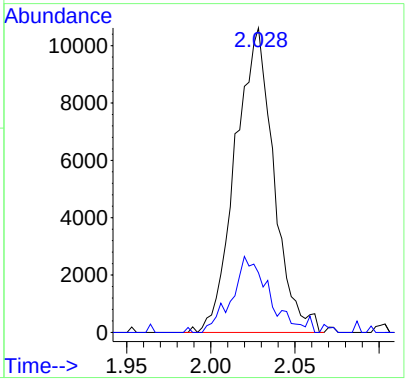


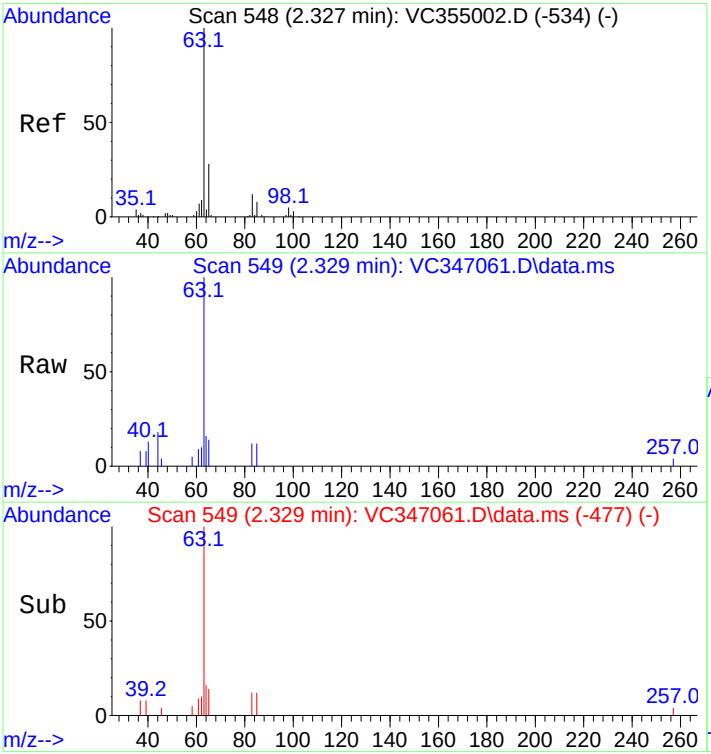


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.99 UG/L
RT: 2.028 min Scan# 441
Delta R.T. 0.003 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 73 Resp: 16874

Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.2	27.4

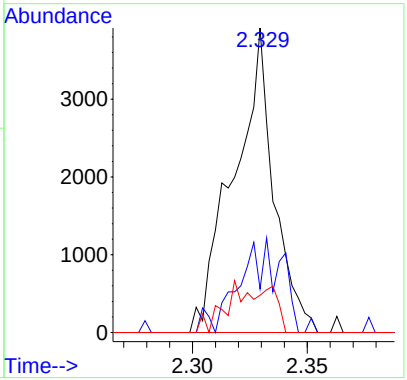


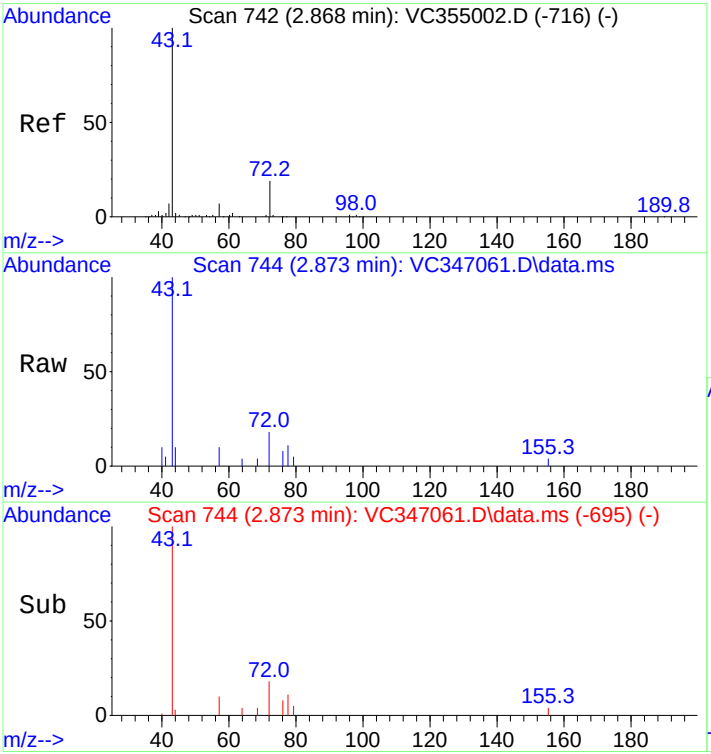


#27
1,1-DICHLOROETHANE
Concen: 0.45 UG/L
RT: 2.329 min Scan# 549
Delta R.T. 0.006 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 63 Resp: 4755

Ion	Ratio	Lower	Upper
63	100		
65	16.2	24.9	37.3#
83	10.9	10.1	15.1

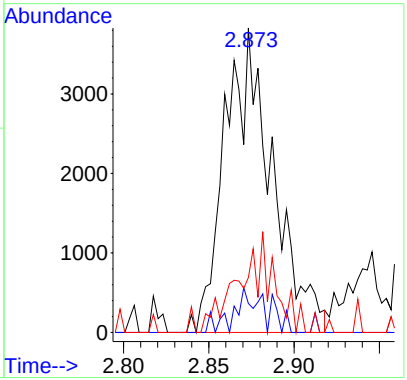


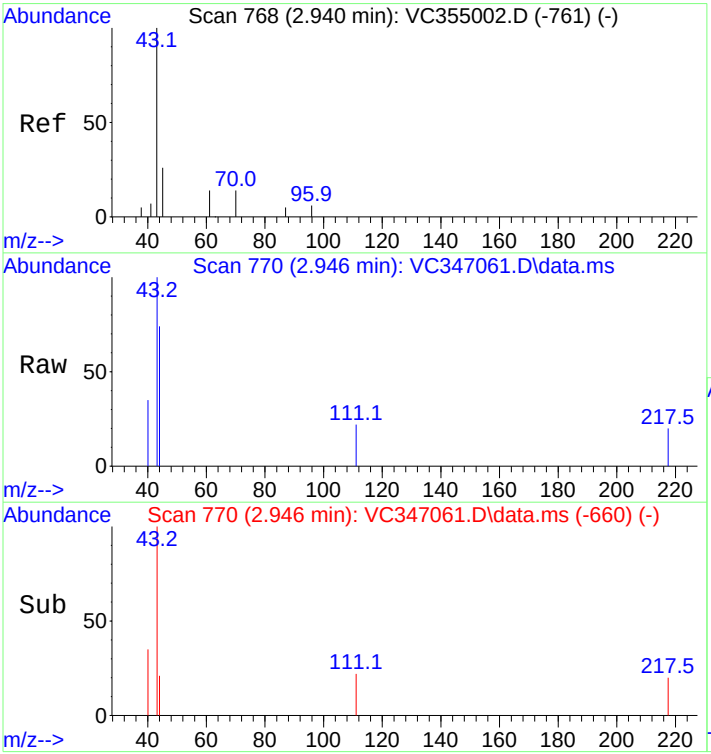


#31
2-BUTANONE
Concen: 3.71 UG/L m
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 43 Resp: 7421

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

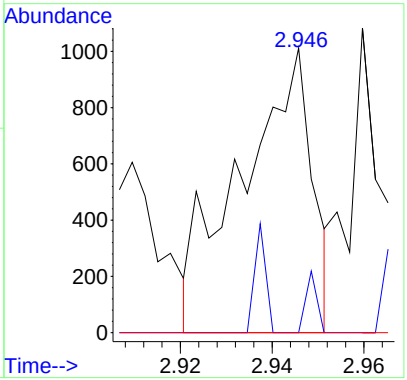




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.946 min Scan# 770
Delta R.T. 0.006 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 43 Resp: 1088

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW23-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-06	File ID:	VC347096.D
Sampled:	12/06/11 13:20	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 14:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	R-05
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	R-05
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-06	File ID:	VC347096.D
Sampled:	12/06/11 13:20	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 14:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	R-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane	1.6	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene	1.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-06	File ID:	VC347096.D
Sampled:	12/06/11 13:20	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 14:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	2.0	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	R-05
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-06	File ID:	VC347096.D
Sampled:	12/06/11 13:20	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 14:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347096.D Vial: 14
Acq On : 15 Dec 2011 2:12 pm Operator:
Sample : 11L0228-06 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 14:38:48 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	280587	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	377813	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	181392	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	168255	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	133366	25.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%				
49) TOLUENE SS	5.609	98	377136	24.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.40%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	135164	25.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.04%				
Target Compounds							Qvalue
13) ACROLEIN	1.518	56	1150	16.45	UG/L		94
14) ACETONE	1.599	43	14235	9.43	UG/L		98
15) 1,1-DICHLOROETHENE	1.565	61	2087m	1.17	UG/L		
17) IODOMETHANE	1.666	142	1437	11.06	UG/L	#	100
24) CARBON DISULFIDE	1.694	76	25915	5.87	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	33052	1.98	UG/L		94
27) 1,1-DICHLOROETHANE	2.324	63	16583	1.59	UG/L		94
31) 2-BUTANONE	2.876	43	4639m	2.37	UG/L		
35) ETHYL ACETATE	2.943	43	720	Below Cal		#	68

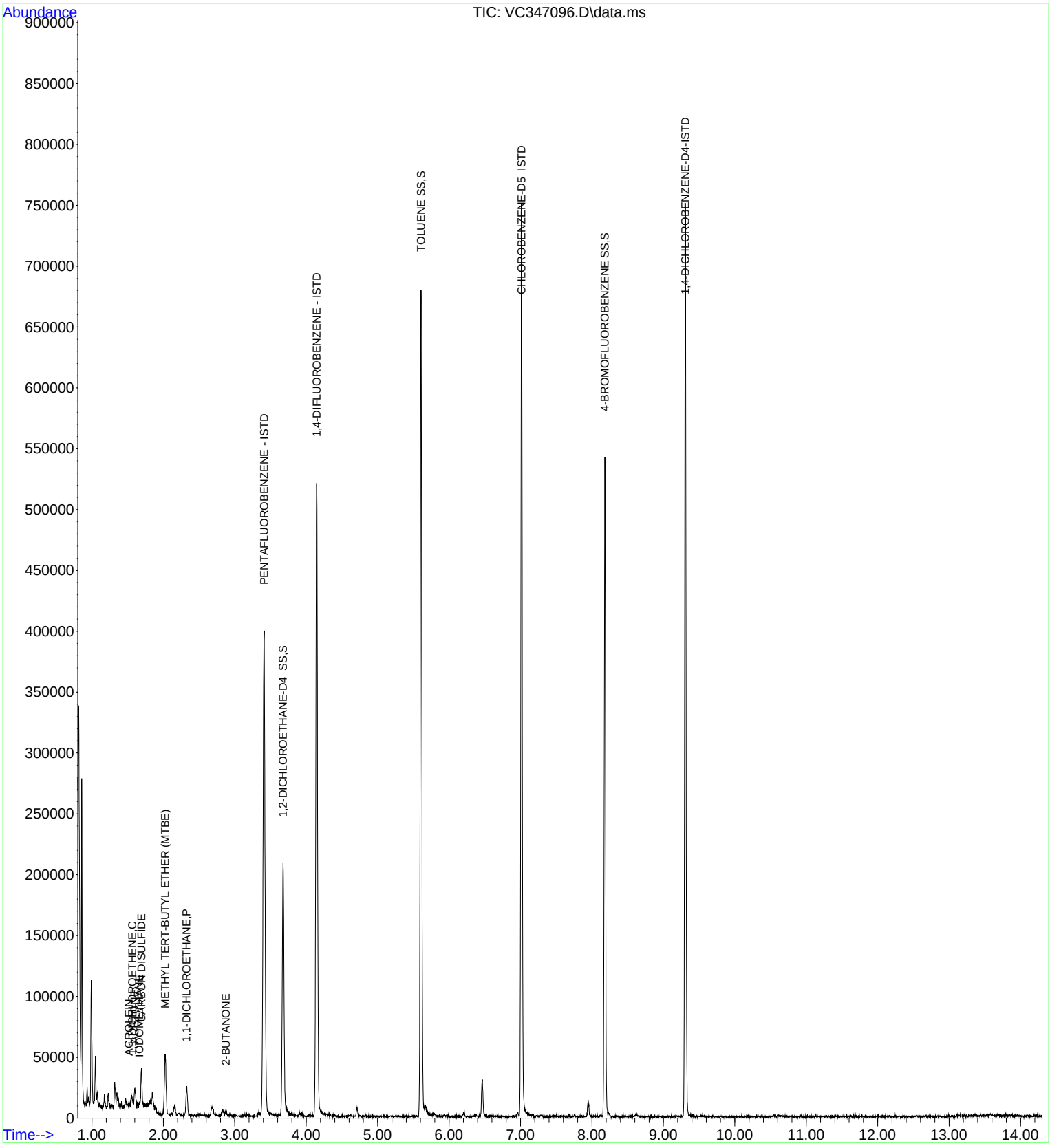
(#) = qualifier out of range (m) = manual integration (+) = signals summed

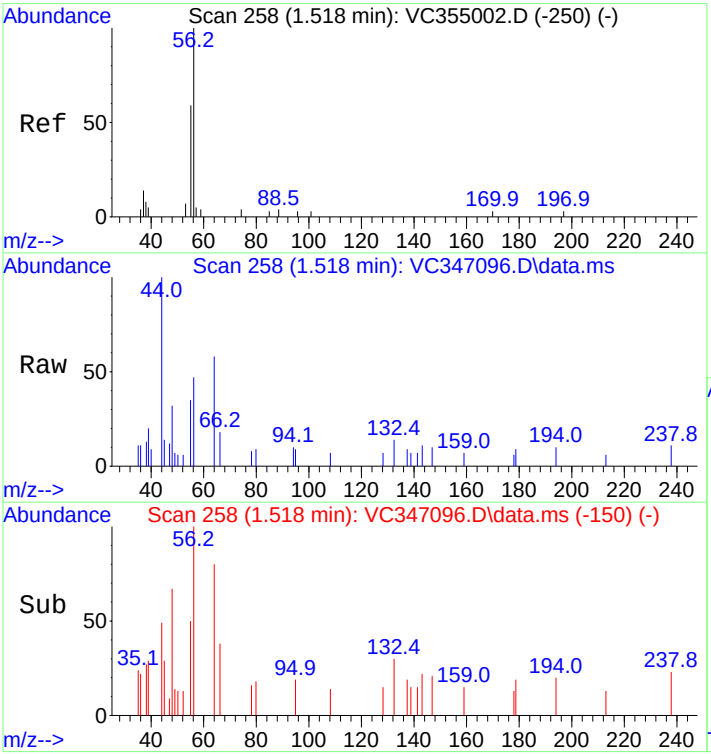
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347096.D
Acq On : 15 Dec 2011 2:12 pm
Sample : 11L0228-06
Misc :
Quant Time: Dec 15 14:38:48 2011

Vial: 14
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

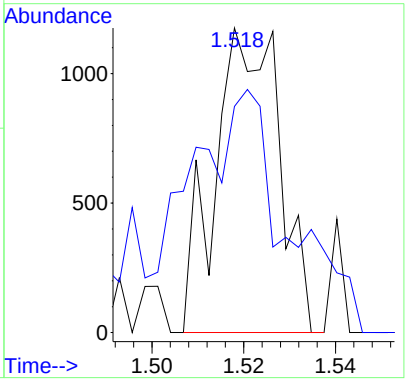


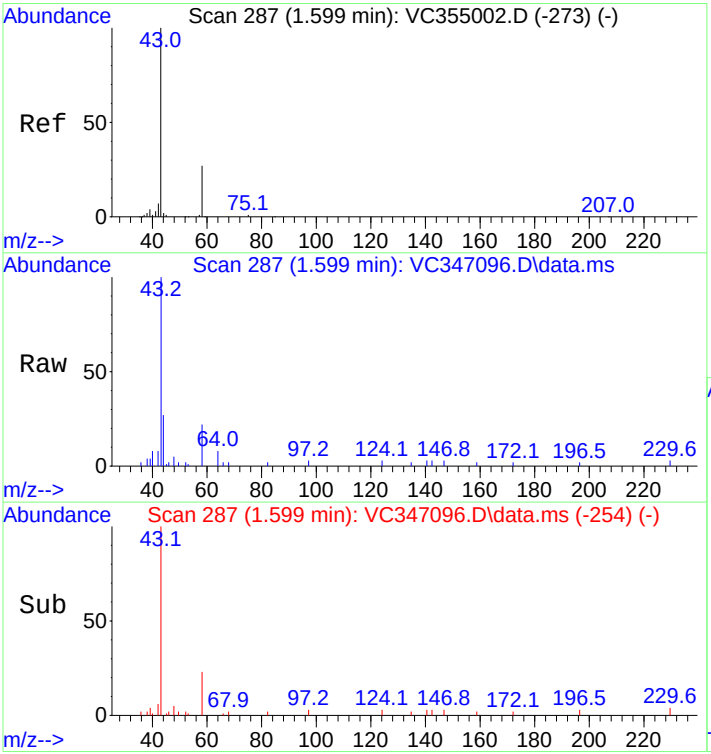


#13
ACROLEIN
Concen: 16.45 UG/L
RT: 1.518 min Scan# 258
Delta R.T. 0.001 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 56 Resp: 1150

Ion	Ratio	Lower	Upper
56	100		
55	67.9	58.2	87.4

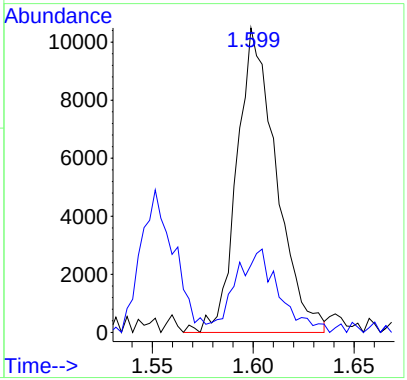


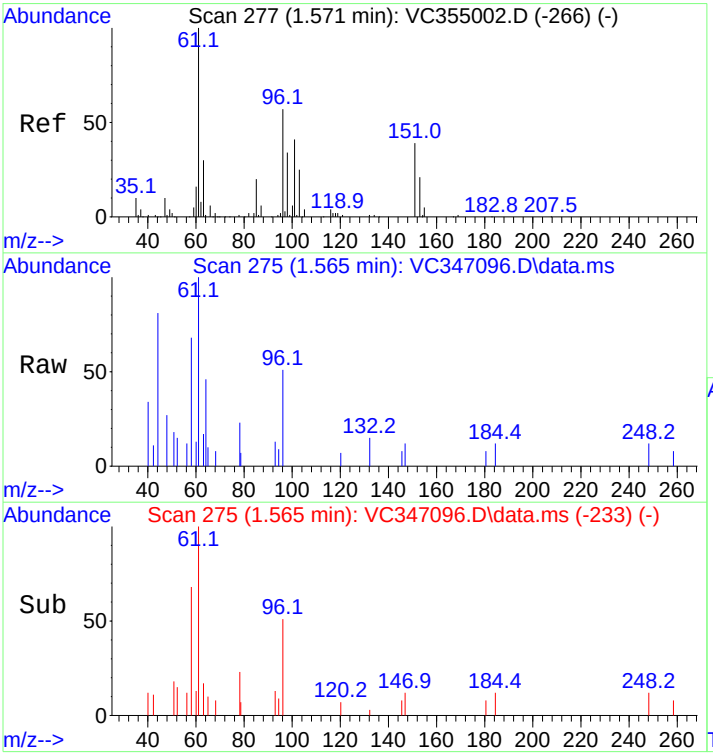


#14
ACETONE
Concen: 9.43 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 43 Resp: 14235

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.8	37.2

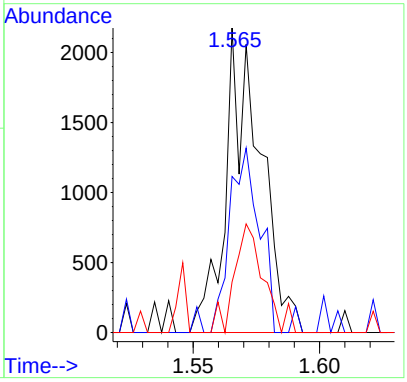


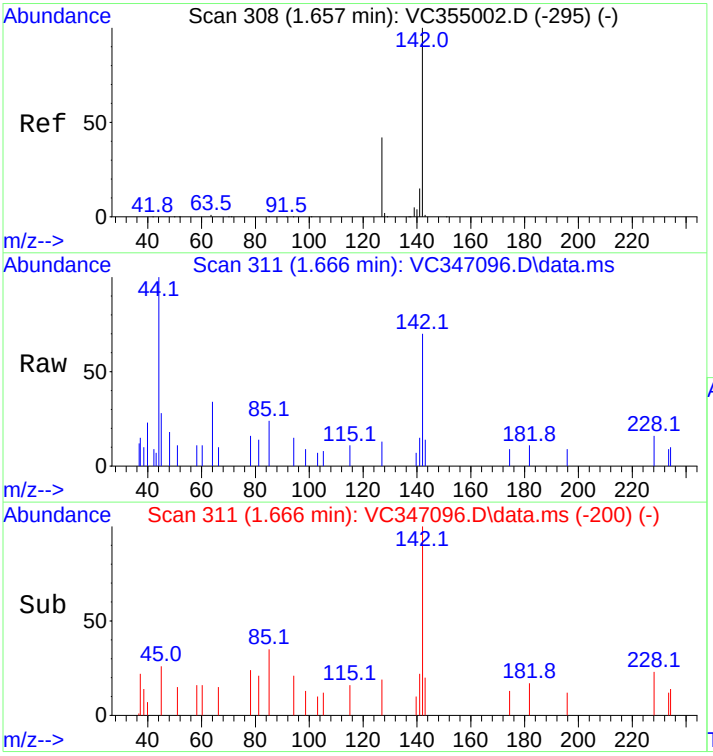


#15
1,1-DICHLOROETHENE
Concen: 1.17 UG/L m
RT: 1.565 min Scan# 275
Delta R.T. -0.003 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 61 Resp: 2087

Ion	Ratio	Lower	Upper
61	100		
96	51.7	45.8	68.8
63	30.0	25.6	38.4

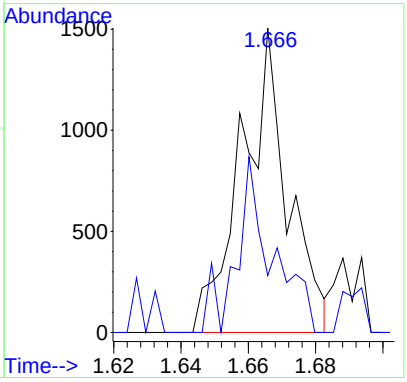


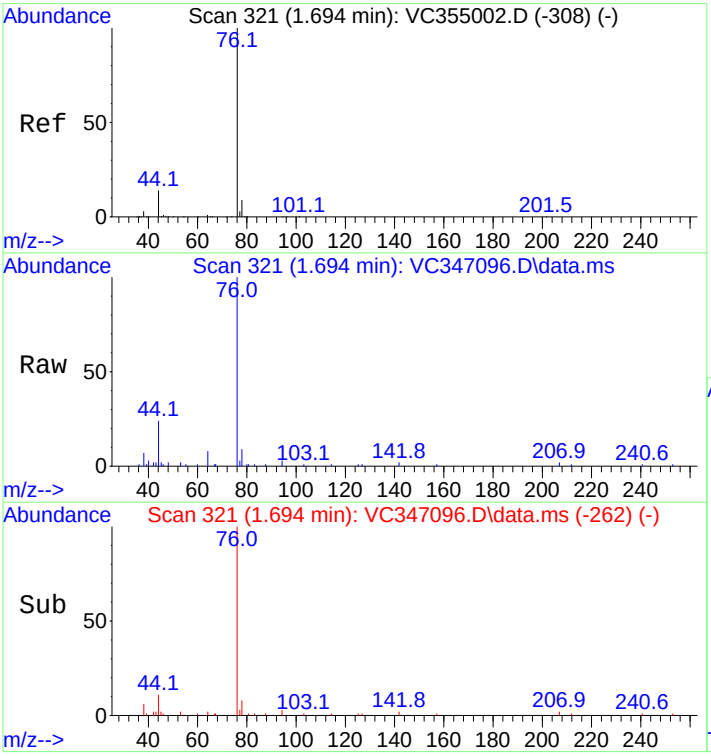


#17
IODOMETHANE
Concen: 11.06 UG/L
RT: 1.666 min Scan# 311
Delta R.T. 0.009 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion:142 Resp: 1437

Ion	Ratio	Lower	Upper
142	100		
127	44.7	0.0	0.0#

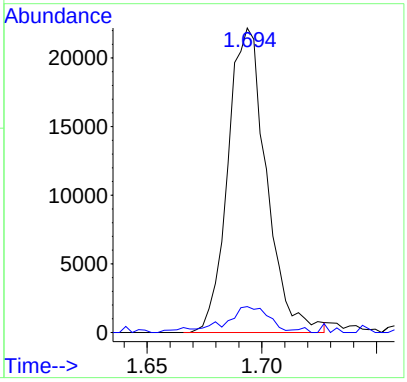


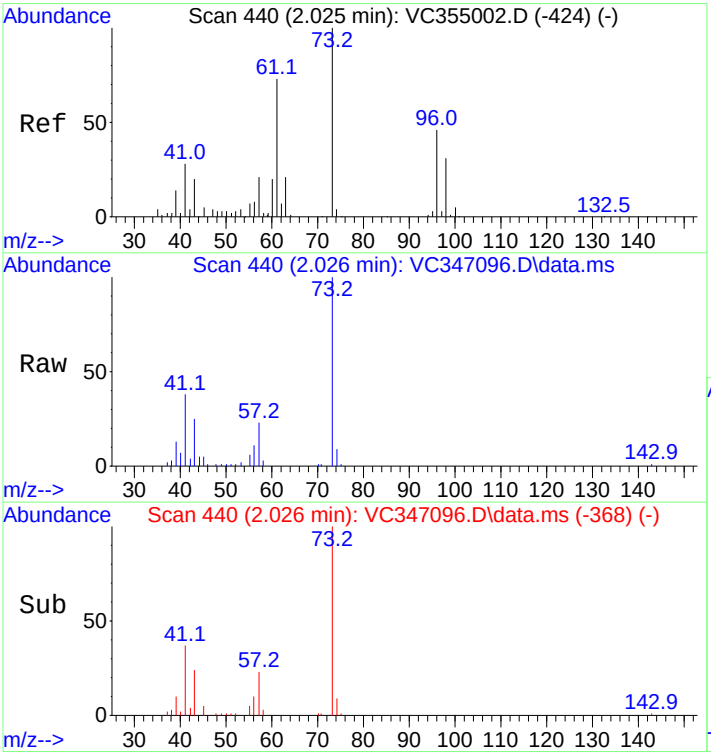


#24
CARBON DISULFIDE
Concen: 5.87 UG/L
RT: 1.694 min Scan# 321
Delta R.T. 0.001 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 76 Resp: 25915

Ion	Ratio	Lower	Upper
76	100		
78	7.2	0.0	0.0#

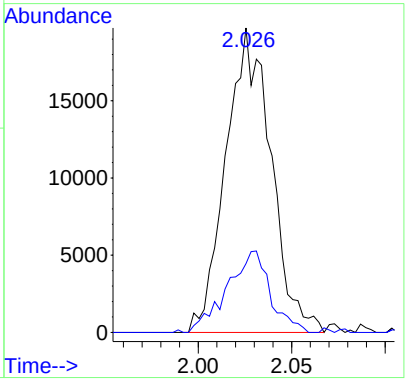


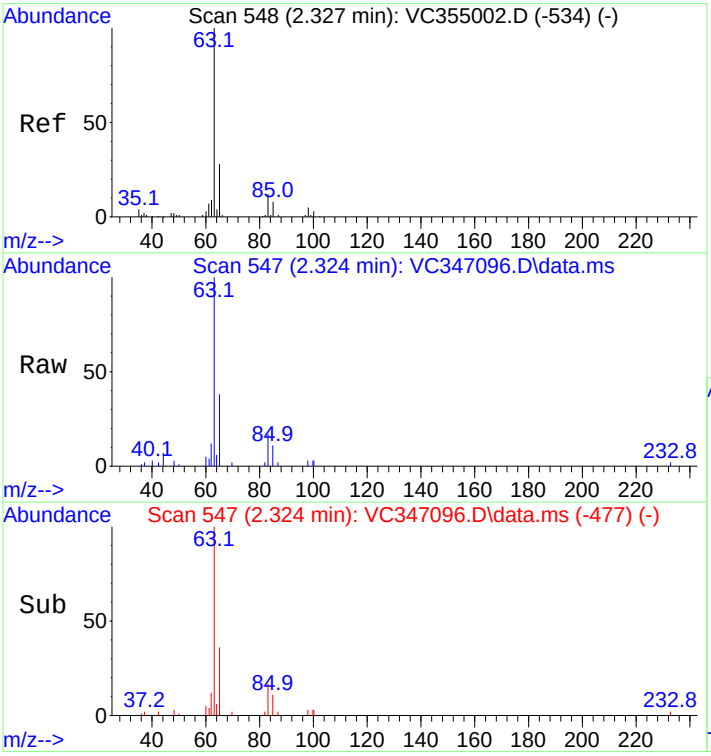


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.98 UG/L
RT: 2.026 min Scan# 440
Delta R.T. 0.001 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 73 Resp: 33052

Ion	Ratio	Lower	Upper
73	100		
57	25.6	18.2	27.4

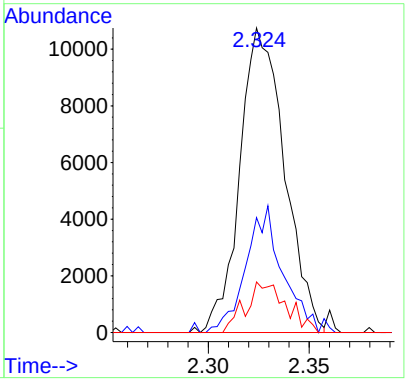


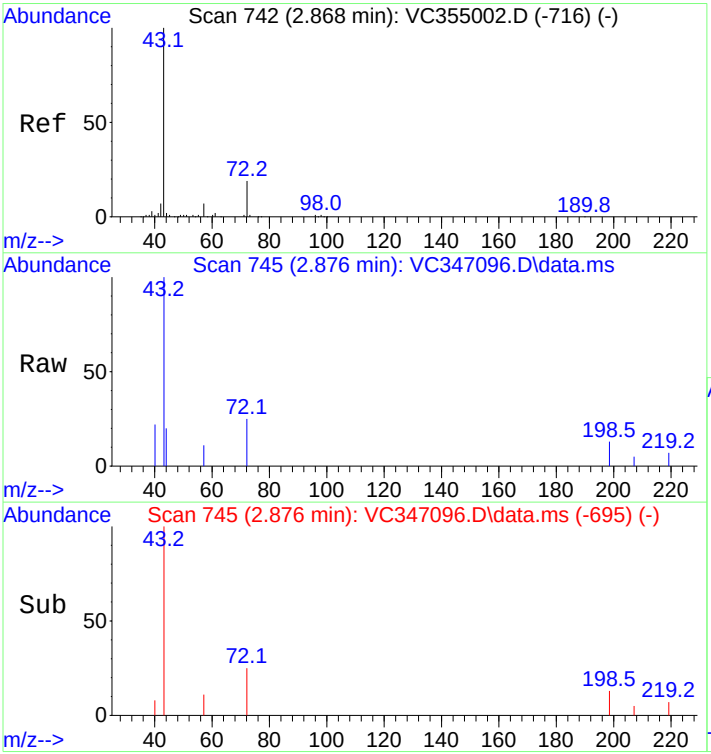


#27
1,1-DICHLOROETHANE
Concen: 1.59 UG/L
RT: 2.324 min Scan# 547
Delta R.T. 0.001 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 63 Resp: 16583

Ion	Ratio	Lower	Upper
63	100		
65	34.6	24.9	37.3
83	14.9	10.1	15.1

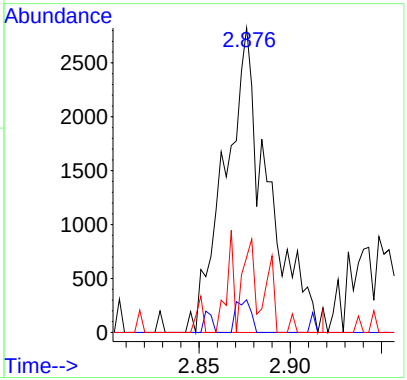


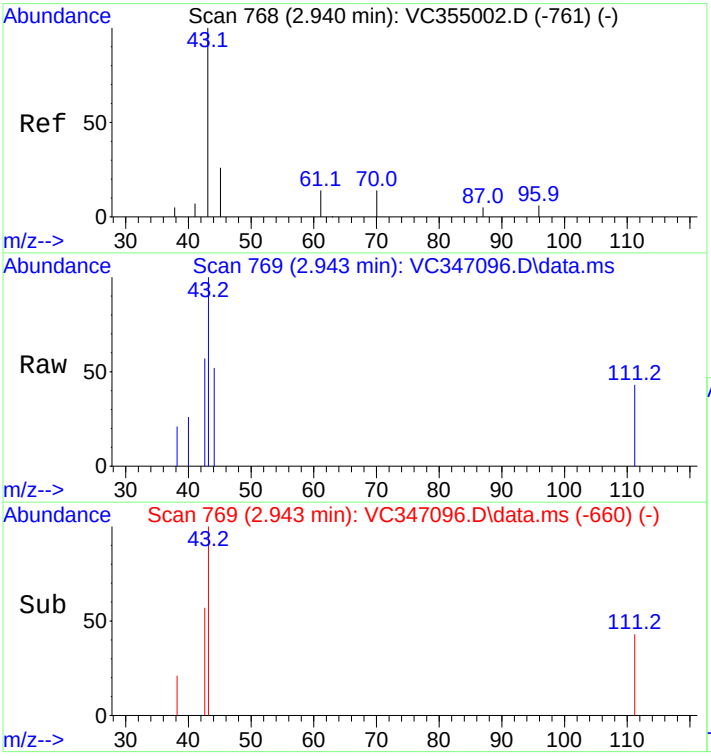


#31
2-BUTANONE
Concen: 2.37 UG/L m
RT: 2.876 min Scan# 745
Delta R.T. 0.006 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 43 Resp: 4639

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

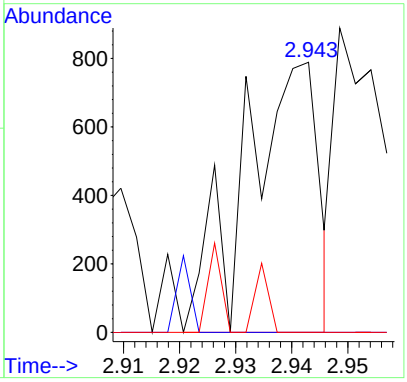




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.943 min Scan# 769
Delta R.T. 0.003 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 43 Resp: 720

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11L0228-01	104	100	98.1
11L0228-02	103	100	102
11L0228-04	106	96.4	98.2
11L0228-05	94.7	101	98.7
B042744-BLK1	107	100	95.4
B042744-BS1	103	114	97.0
B042744-BSD1	106	103	101

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11L0228-03	104	95.1	95.1
11L0228-06	101	101	99.4
B042817-BLK1	106	93.4	97.0
B042817-BS1	110	115	102
B042817-BSD1	104	103	102

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	126	126		70 - 160
Acrylonitrile	10.0	9.51	95.1		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	9.03	90.3		70 - 130
Benzene	10.0	10.5	105		70 - 130
Bromobenzene	10.0	13.1	131	*	70 - 130
Bromochloromethane	10.0	10.6	106		70 - 130
Bromodichloromethane	10.0	8.51	85.1		70 - 130
Bromoform	10.0	11.1	111		70 - 130
Bromomethane	10.0	5.27	52.7		40 - 160
2-Butanone (MEK)	100	107	107		40 - 160
tert-Butyl Alcohol (TBA)	100	102	102		40 - 160
n-Butylbenzene	10.0	8.90	89.0		70 - 130
sec-Butylbenzene	10.0	9.04	90.4		70 - 130
tert-Butylbenzene	10.0	9.24	92.4		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.67	96.7		70 - 130
Carbon Disulfide	10.0	13.1	131	*	70 - 130
Carbon Tetrachloride	10.0	10.2	102		70 - 130
Chlorobenzene	10.0	9.93	99.3		70 - 130
Chlorodibromomethane	10.0	11.0	110		70 - 130
Chloroethane	10.0	9.15	91.5		70 - 130
Chloroform	10.0	10.8	108		70 - 130
Chloromethane	10.0	7.87	78.7		40 - 160
2-Chlorotoluene	10.0	13.2	132	*	70 - 130
4-Chlorotoluene	10.0	11.8	118		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	7.42	74.2		70 - 130
1,2-Dibromoethane (EDB)	10.0	11.0	110		70 - 130
Dibromomethane	10.0	10.4	104		70 - 130
1,2-Dichlorobenzene	10.0	8.93	89.3		70 - 130
1,3-Dichlorobenzene	10.0	10.1	101		70 - 130
1,4-Dichlorobenzene	10.0	10.1	101		70 - 130
trans-1,4-Dichloro-2-butene	10.0	11.6	116		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	6.27	62.7		40 - 160
1,1-Dichloroethane	10.0	10.8	108		70 - 130
1,2-Dichloroethane	10.0	11.3	113		70 - 130
1,1-Dichloroethylene	10.0	8.63	86.3		70 - 130
cis-1,2-Dichloroethylene	10.0	10.0	100		70 - 130
trans-1,2-Dichloroethylene	10.0	10.4	104		70 - 130
1,2-Dichloropropane	10.0	9.45	94.5		70 - 130
1,3-Dichloropropane	10.0	9.84	98.4		70 - 130
2,2-Dichloropropane	10.0	10.2	102		40 - 130
1,1-Dichloropropene	10.0	10.6	106		70 - 130
cis-1,3-Dichloropropene	10.0	10.7	107		70 - 130
trans-1,3-Dichloropropene	10.0	11.2	112		70 - 130
Diethyl Ether	10.0	10.1	101		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.0	110		70 - 130
1,4-Dioxane	100	136	136	*	40 - 130
Ethylbenzene	10.0	11.9	119		70 - 130
Hexachlorobutadiene	10.0	10.1	101		70 - 130
2-Hexanone (MBK)	100	119	119		70 - 160
Isopropylbenzene (Cumene)	10.0	13.6	136	*	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.9	109		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.63	96.3		70 - 130
Methylene Chloride	10.0	8.72	87.2		70 - 130
4-Methyl-2-pentanone (MIBK)	100	104	104		70 - 160
Naphthalene	10.0	9.28	92.8		40 - 130
n-Propylbenzene	10.0	13.6	136	*	70 - 130
Styrene	10.0	11.0	110		70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.4	114		70 - 130
1,1,2,2-Tetrachloroethane	10.0	12.7	127		70 - 130
Tetrachloroethylene	10.0	10.9	109		70 - 130
Tetrahydrofuran	10.0	10.3	103		70 - 130
Toluene	10.0	10.1	101		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.34	93.4		70 - 130
1,2,4-Trichlorobenzene	10.0	8.76	87.6		70 - 130
1,3,5-Trichlorobenzene	10.0	9.87	98.7		70 - 130
1,1,1-Trichloroethane	10.0	10.7	107		70 - 130
1,1,2-Trichloroethane	10.0	9.10	91.0		70 - 130
Trichloroethylene	10.0	9.99	99.9		70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.6	106		70 - 130
1,2,3-Trichloropropane	10.0	13.4	134	*	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.21	92.1		70 - 130
1,2,4-Trimethylbenzene	10.0	10.4	104		70 - 130
1,3,5-Trimethylbenzene	10.0	11.4	114		70 - 130
Vinyl Chloride	10.0	7.93	79.3		40 - 160
m+p Xylene	20.0	27.4	137	*	70 - 130
o-Xylene	10.0	11.7	117		70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	124	124	1.48	25	70 - 160
Acrylonitrile	10.0	9.58	95.8	0.733	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.2	102	12.5	25	70 - 130
Benzene	10.0	11.6	116	9.69	25	70 - 130
Bromobenzene	10.0	10.7	107	19.9	25	70 - 130
Bromochloromethane	10.0	12.3	123	14.6	25	70 - 130
Bromodichloromethane	10.0	9.23	92.3	8.12	25	70 - 130
Bromoform	10.0	10.8	108	2.01	25	70 - 130
Bromomethane	10.0	5.39	53.9	2.25	25	40 - 160
2-Butanone (MEK)	100	128	128	17.6	25	40 - 160
tert-Butyl Alcohol (TBA)	100	103	103	0.594	25	40 - 160
n-Butylbenzene	10.0	10.1	101	12.2	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.3	103	13.2	25	70 - 130
tert-Butylbenzene	10.0	10.5	105	13.1	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.4	104	6.99	25	70 - 130
Carbon Disulfide	10.0	12.3	123	6.06	25	70 - 130
Carbon Tetrachloride	10.0	11.1	111	8.44	25	70 - 130
Chlorobenzene	10.0	10.3	103	3.66	25	70 - 130
Chlorodibromomethane	10.0	12.1	121	9.65	25	70 - 130
Chloroethane	10.0	8.38	83.8	8.78	25	70 - 130
Chloroform	10.0	12.0	120	11.1	25	70 - 130
Chloromethane	10.0	7.41	74.1	6.02	25	40 - 160
2-Chlorotoluene	10.0	11.2	112	16.2	25	70 - 130
4-Chlorotoluene	10.0	11.1	111	6.13	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.70	97.0	26.6	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.5	115	4.25	25	70 - 130
Dibromomethane	10.0	11.3	113	7.90	25	70 - 130
1,2-Dichlorobenzene	10.0	10.6	106	17.5	25	70 - 130
1,3-Dichlorobenzene	10.0	10.7	107	5.77	25	70 - 130
1,4-Dichlorobenzene	10.0	10.8	108	6.78	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	10.1	101	14.4	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	5.51	55.1	12.9	25	40 - 160
1,1-Dichloroethane	10.0	10.6	106	2.14	25	70 - 130
1,2-Dichloroethane	10.0	11.6	116	2.71	25	70 - 130
1,1-Dichloroethylene	10.0	8.26	82.6	4.38	25	70 - 130
cis-1,2-Dichloroethylene	10.0	11.3	113	11.7	25	70 - 130
trans-1,2-Dichloroethylene	10.0	9.98	99.8	4.41	25	70 - 130
1,2-Dichloropropane	10.0	11.0	110	15.2	25	70 - 130
1,3-Dichloropropane	10.0	11.5	115	15.3	25	70 - 130
2,2-Dichloropropane	10.0	11.2	112	8.79	25	40 - 130
1,1-Dichloropropene	10.0	11.6	116	8.11	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	11.7	117		9.00	25	70 - 130
trans-1,3-Dichloropropene	10.0	12.5	125		10.5	25	70 - 130
Diethyl Ether	10.0	10.2	102		0.592	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.6	106		3.43	25	70 - 130
1,4-Dioxane	100	128	128		6.08	50	40 - 130
Ethylbenzene	10.0	11.1	111		6.79	25	70 - 130
Hexachlorobutadiene	10.0	10.4	104		3.13	25	70 - 130
2-Hexanone (MBK)	100	131	131		9.19	25	70 - 160
Isopropylbenzene (Cumene)	10.0	13.0	130		4.42	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.4	114		5.11	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.36	93.6		2.84	25	70 - 130
Methylene Chloride	10.0	8.35	83.5		4.34	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	121	121		15.3	25	70 - 160
Naphthalene	10.0	10.2	102		9.84	25	40 - 130
n-Propylbenzene	10.0	11.3	113		18.2	25	70 - 130
Styrene	10.0	11.0	110		0.455	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.92	99.2		14.1	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.2	112		12.6	25	70 - 130
Tetrachloroethylene	10.0	10.7	107		2.13	25	70 - 130
Tetrahydrofuran	10.0	13.2	132	*	24.1	25	70 - 130
Toluene	10.0	11.1	111		9.24	25	70 - 130
1,2,3-Trichlorobenzene	10.0	10.4	104		10.8	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.86	98.6		11.8	25	70 - 130
1,3,5-Trichlorobenzene	10.0	9.23	92.3		6.70	25	70 - 130
1,1,1-Trichloroethane	10.0	11.5	115		7.23	25	70 - 130
1,1,2-Trichloroethane	10.0	10.3	103		12.7	25	70 - 130
Trichloroethylene	10.0	10.7	107		6.77	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.63	96.3		9.87	25	70 - 130
1,2,3-Trichloropropane	10.0	11.5	115		14.8	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.39	83.9	9.32	25	70 - 130
1,2,4-Trimethylbenzene	10.0	11.3	113	8.78	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.8	108	5.49	25	70 - 130
Vinyl Chloride	10.0	7.36	73.6	7.46	25	40 - 160
m+p Xylene	20.0	22.3	112	20.2	25	70 - 130
o-Xylene	10.0	11.6	116	0.429	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	148	148		70 - 160
Acrylonitrile	10.0	12.0	120		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.0	100		70 - 130
Benzene	10.0	10.6	106		70 - 130
Bromobenzene	10.0	9.47	94.7		70 - 130
Bromochloromethane	10.0	11.0	110		70 - 130
Bromodichloromethane	10.0	8.50	85.0		70 - 130
Bromoform	10.0	11.9	119		70 - 130
Bromomethane	10.0	5.65	56.5		40 - 160
2-Butanone (MEK)	100	122	122		40 - 160
tert-Butyl Alcohol (TBA)	100	127	127		40 - 160
n-Butylbenzene	10.0	7.37	73.7		70 - 130
sec-Butylbenzene	10.0	8.15	81.5		70 - 130
tert-Butylbenzene	10.0	8.47	84.7		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.95	99.5		70 - 130
Carbon Disulfide	10.0	14.5	145	*	70 - 130
Carbon Tetrachloride	10.0	10.7	107		70 - 130
Chlorobenzene	10.0	9.25	92.5		70 - 130
Chlorodibromomethane	10.0	11.4	114		70 - 130
Chloroethane	10.0	10.1	101		70 - 130
Chloroform	10.0	10.8	108		70 - 130
Chloromethane	10.0	9.34	93.4		40 - 160
2-Chlorotoluene	10.0	10.1	101		70 - 130
4-Chlorotoluene	10.0	9.67	96.7		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.44	94.4		70 - 130
1,2-Dibromoethane (EDB)	10.0	11.0	110		70 - 130
Dibromomethane	10.0	10.8	108		70 - 130
1,2-Dichlorobenzene	10.0	9.60	96.0		70 - 130
1,3-Dichlorobenzene	10.0	9.42	94.2		70 - 130
1,4-Dichlorobenzene	10.0	9.44	94.4		70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.89	98.9		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	6.75	67.5		40 - 160
1,1-Dichloroethane	10.0	12.6	126		70 - 130
1,2-Dichloroethane	10.0	10.2	102		70 - 130
1,1-Dichloroethylene	10.0	9.41	94.1		70 - 130
cis-1,2-Dichloroethylene	10.0	10.6	106		70 - 130
trans-1,2-Dichloroethylene	10.0	11.8	118		70 - 130
1,2-Dichloropropane	10.0	10.2	102		70 - 130
1,3-Dichloropropane	10.0	13.6	136	*	70 - 130
2,2-Dichloropropane	10.0	8.97	89.7		40 - 130
1,1-Dichloropropene	10.0	11.0	110		70 - 130
cis-1,3-Dichloropropene	10.0	10.4	104		70 - 130
trans-1,3-Dichloropropene	10.0	11.4	114		70 - 130
Diethyl Ether	10.0	11.8	118		70 - 130
Diisopropyl Ether (DIPE)	10.0	12.3	123		70 - 130
1,4-Dioxane	100	142	142	*	40 - 130
Ethylbenzene	10.0	9.28	92.8		70 - 130
Hexachlorobutadiene	10.0	9.25	92.5		70 - 130
2-Hexanone (MBK)	100	138	138		70 - 160
Isopropylbenzene (Cumene)	10.0	13.6	136	*	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.3	103		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.8	108		70 - 130
Methylene Chloride	10.0	9.43	94.3		70 - 130
4-Methyl-2-pentanone (MIBK)	100	116	116		70 - 160
Naphthalene	10.0	9.63	96.3		40 - 130
n-Propylbenzene	10.0	10.0	100		70 - 130
Styrene	10.0	12.3	123		70 - 130
1,1,1,2-Tetrachloroethane	10.0	8.92	89.2		70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.91	99.1		70 - 130
Tetrachloroethylene	10.0	12.6	126		70 - 130
Tetrahydrofuran	10.0	10.7	107		70 - 130
Toluene	10.0	10.4	104		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.84	98.4	70 - 130
1,2,4-Trichlorobenzene	10.0	8.13	81.3	70 - 130
1,3,5-Trichlorobenzene	10.0	8.08	80.8	70 - 130
1,1,1-Trichloroethane	10.0	10.5	105	70 - 130
1,1,2-Trichloroethane	10.0	10.2	102	70 - 130
Trichloroethylene	10.0	10.6	106	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.6	116	70 - 130
1,2,3-Trichloropropane	10.0	10.3	103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.57	95.7	70 - 130
1,2,4-Trimethylbenzene	10.0	10.1	101	70 - 130
1,3,5-Trimethylbenzene	10.0	9.15	91.5	70 - 130
Vinyl Chloride	10.0	8.73	87.3	40 - 160
m+p Xylene	20.0	19.8	99.0	70 - 130
o-Xylene	10.0	12.5	125	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	141	141		4.24	25	70 - 160
Acrylonitrile	10.0	11.4	114		5.29	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.7	107		6.84	25	70 - 130
Benzene	10.0	11.5	115		8.14	25	70 - 130
Bromobenzene	10.0	11.0	110		15.3	25	70 - 130
Bromochloromethane	10.0	11.3	113		3.41	25	70 - 130
Bromodichloromethane	10.0	10.2	102		17.9	25	70 - 130
Bromoform	10.0	13.1	131	*	9.70	25	70 - 130
Bromomethane	10.0	6.77	67.7		18.0	25	40 - 160
2-Butanone (MEK)	100	120	120		0.868	25	40 - 160
tert-Butyl Alcohol (TBA)	100	118	118		7.29	25	40 - 160
n-Butylbenzene	10.0	10.6	106		36.4	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	9.80	98.0		18.4	25	70 - 130
tert-Butylbenzene	10.0	11.3	113		29.0	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.6	106		6.42	25	70 - 130
Carbon Disulfide	10.0	14.8	148	*	1.84	25	70 - 130
Carbon Tetrachloride	10.0	11.2	112		4.94	25	70 - 130
Chlorobenzene	10.0	11.0	110		17.5	25	70 - 130
Chlorodibromomethane	10.0	11.9	119		4.19	25	70 - 130
Chloroethane	10.0	10.0	100		1.39	25	70 - 130
Chloroform	10.0	11.6	116		7.69	25	70 - 130
Chloromethane	10.0	9.22	92.2		1.29	25	40 - 160
2-Chlorotoluene	10.0	13.6	136	*	29.8	25	70 - 130
4-Chlorotoluene	10.0	11.7	117		18.8	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.6	106		11.1	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	14.0	140	*	24.1	25	70 - 130
Dibromomethane	10.0	11.4	114		5.22	25	70 - 130
1,2-Dichlorobenzene	10.0	12.3	123		25.0	25	70 - 130
1,3-Dichlorobenzene	10.0	10.2	102		8.44	25	70 - 130
1,4-Dichlorobenzene	10.0	10.6	106		11.7	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	13.8	138	*	33.1	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.31	73.1		7.97	25	40 - 160
1,1-Dichloroethane	10.0	12.6	126		0.556	25	70 - 130
1,2-Dichloroethane	10.0	11.6	116		12.8	25	70 - 130
1,1-Dichloroethylene	10.0	9.74	97.4		3.45	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.9	109		2.60	25	70 - 130
trans-1,2-Dichloroethylene	10.0	12.1	121		2.85	25	70 - 130
1,2-Dichloropropane	10.0	10.5	105		3.09	25	70 - 130
1,3-Dichloropropane	10.0	12.1	121		11.6	25	70 - 130
2,2-Dichloropropane	10.0	9.09	90.9		1.33	25	40 - 130
1,1-Dichloropropene	10.0	11.6	116		4.69	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	11.0	110		5.69	25	70 - 130
trans-1,3-Dichloropropene	10.0	12.5	125		9.52	25	70 - 130
Diethyl Ether	10.0	12.2	122		3.17	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	12.7	127		3.52	25	70 - 130
1,4-Dioxane	100	138	138	*	2.40	50	40 - 130
Ethylbenzene	10.0	10.9	109		16.4	25	70 - 130
Hexachlorobutadiene	10.0	10.1	101		8.49	25	70 - 130
2-Hexanone (MBK)	100	119	119		14.8	25	70 - 160
Isopropylbenzene (Cumene)	10.0	13.1	131	*	3.60	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.9	109		5.64	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.9	109		1.29	25	70 - 130
Methylene Chloride	10.0	9.64	96.4		2.20	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	115	115		0.774	25	70 - 160
Naphthalene	10.0	9.33	93.3		3.16	25	40 - 130
n-Propylbenzene	10.0	13.9	139	*	32.7	25	70 - 130
Styrene	10.0	12.3	123		0.0814	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.3	103		14.6	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.8	118		17.0	25	70 - 130
Tetrachloroethylene	10.0	11.1	111		12.8	25	70 - 130
Tetrahydrofuran	10.0	10.9	109		1.66	25	70 - 130
Toluene	10.0	11.2	112		7.12	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.25	92.5		6.18	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.99	89.9		10.0	25	70 - 130
1,3,5-Trichlorobenzene	10.0	10.1	101		22.3	25	70 - 130
1,1,1-Trichloroethane	10.0	11.8	118		11.6	25	70 - 130
1,1,2-Trichloroethane	10.0	11.2	112		9.81	25	70 - 130
Trichloroethylene	10.0	11.0	110		4.54	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.9	119		2.39	25	70 - 130
1,2,3-Trichloropropane	10.0	14.5	145	*	33.5	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.42	94.2	1.58	25	70 - 130
1,2,4-Trimethylbenzene	10.0	11.4	114	11.7	25	70 - 130
1,3,5-Trimethylbenzene	10.0	11.4	114	21.6	25	70 - 130
Vinyl Chloride	10.0	9.03	90.3	3.38	25	40 - 160
m+p Xylene	20.0	22.6	113	13.0	25	70 - 130
o-Xylene	10.0	11.9	119	4.85	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B042744-BLK1	Batch:	B042744

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
PW23-175	11L0228-05	VC347061.D	20:32
PW23-150	11L0228-04	VC347060.D	20:02
PW20-200	11L0228-02	VC347059.D	19:32
TB-120211	11L0228-01	VC347054.D	17:01
LCS Dup	B042744-BSD1	VC347042.D	10:59
LCS	B042744-BS1	VC347041.D	10:29

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B042817-BLK1	Batch:	B042817

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
PW23-200	11L0228-06	VC347096.D	14:12
PW23-100	11L0228-03	VC347095.D	13:41
LCS Dup	B042817-BSD1	VC347076.D	04:05
LCS	B042817-BS1	VC347075.D	03:35

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VC347037.D	Injection Date:	12/14/11
Instrument ID:	GCMSVOA3	Injection Time:	08:52
Sequence:	S001576	Lab Sample ID:	S001576-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	19.1	PASS
75	30 - 60% of 95	49.3	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.69	PASS
173	Less than 2% of 174	0.263	PASS
174	50 - 200% of 95	95.7	PASS
175	5 - 9% of 174	7.78	PASS
176	95 - 101% of 174	95.1	PASS
177	5 - 9% of 176	6.48	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
	S001576-CCV1	VC347038.D	12/14/2011	9:22:00
LCS	B042744-BS1	VC347041.D	12/14/2011	10:29:00
LCS Dup	B042744-BSD1	VC347042.D	12/14/2011	10:59:00
Blank	B042744-BLK1	VC347044.D	12/14/2011	11:59:00
TB-120211	11L0228-01	VC347054.D	12/14/2011	17:01:00
PW20-200	11L0228-02	VC347059.D	12/14/2011	19:32:00
PW23-150	11L0228-04	VC347060.D	12/14/2011	20:02:00
PW23-175	11L0228-05	VC347061.D	12/14/2011	20:32:00

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VC347073.D	Injection Date:	12/15/11
Instrument ID:	GCMSVOA3	Injection Time:	02:34
Sequence:	S001577	Lab Sample ID:	S001577-TUN1

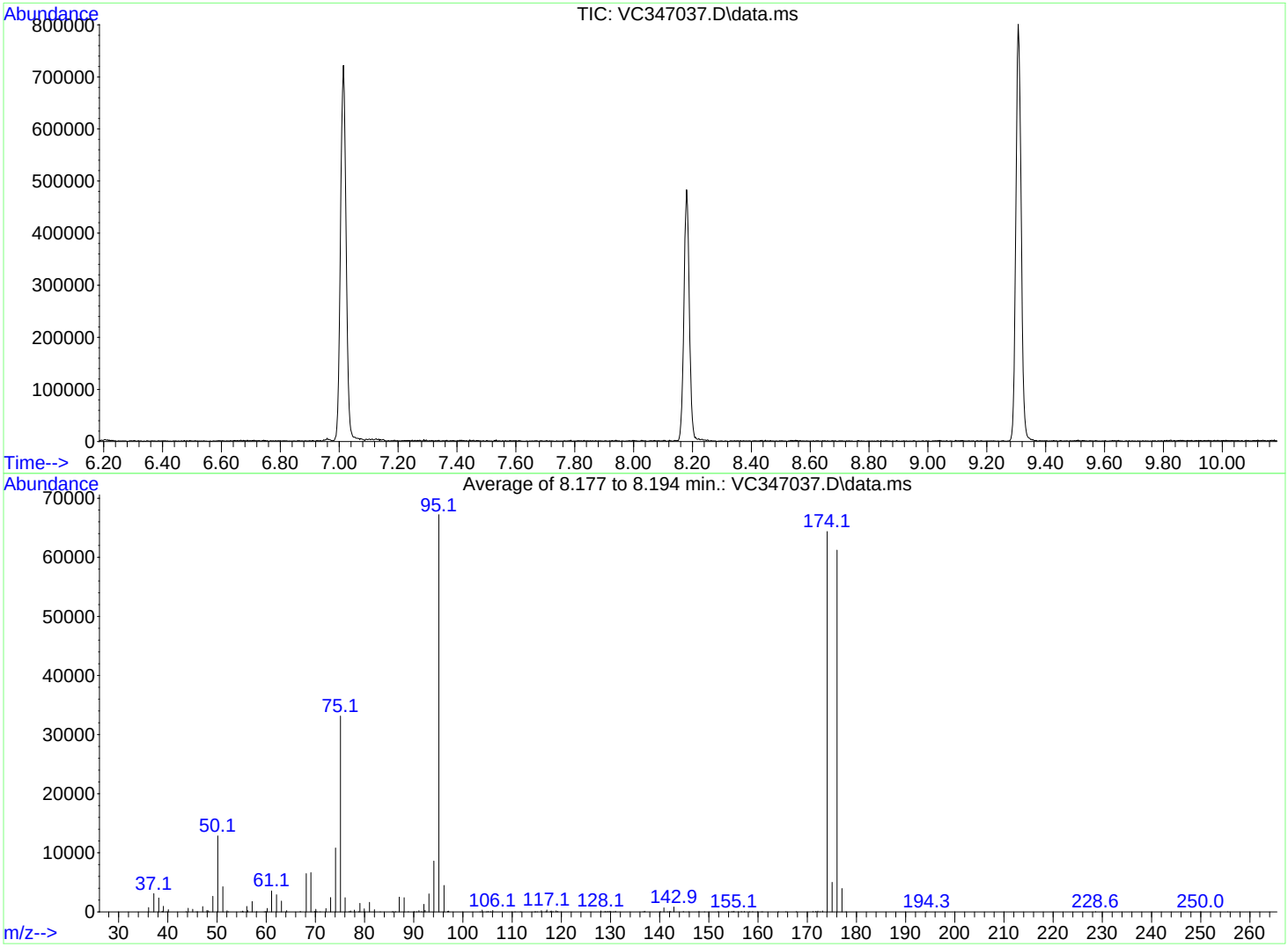
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	18.6	PASS
75	30 - 60% of 95	44.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	5.57	PASS
173	Less than 2% of 174	0.592	PASS
174	50 - 200% of 95	87	PASS
175	5 - 9% of 174	7.99	PASS
176	95 - 101% of 174	97.1	PASS
177	5 - 9% of 176	6.95	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
	S001577-CCV1	VC347073.D	12/15/2011	2:34:00
LCS	B042817-BS1	VC347075.D	12/15/2011	3:35:00
LCS Dup	B042817-BSD1	VC347076.D	12/15/2011	4:05:00
Blank	B042817-BLK1	VC347078.D	12/15/2011	5:06:00
PW23-100	11L0228-03	VC347095.D	12/15/2011	13:41:00
PW23-200	11L0228-06	VC347096.D	12/15/2011	14:12:00

Data Path : Y:\1\DATA\121311\
Data File : VC347037.D
Acq On : 14 Dec 2011 8:52 am
Operator :
Sample : BFB
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



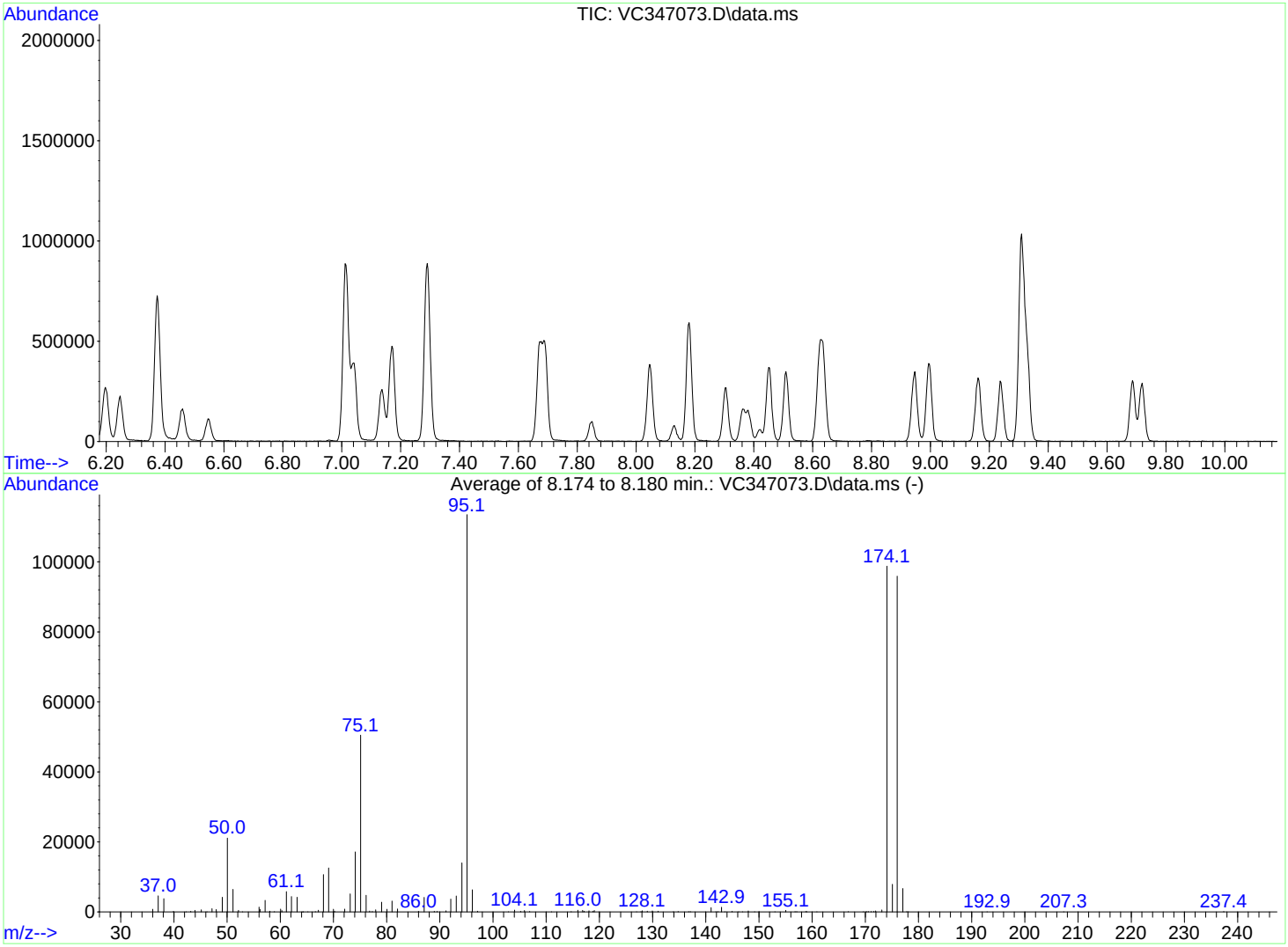
Spectrum Information: Average of 8.177 to 8.194 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.1	12864	PASS
75	95	30	60	49.3	33148	PASS
95	95	100	100	100.0	67224	PASS
96	95	5	9	6.7	4495	PASS
173	174	0.00	2	0.3	169	PASS
174	95	50	100	95.7	64357	PASS
175	174	5	9	7.8	5007	PASS
176	174	95	101	95.1	61223	PASS
177	176	5	9	6.5	3965	PASS

Data Path : Y:\1\DATA\121311\
Data File : VC347073.D
Acq On : 15 Dec 2011 2:34 am
Operator :
Sample : 8260STD 10PPB/BFB
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2645, 2646, 2647; Background Corrected with Scan 2633

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	21092	PASS
75	95	30	60	44.5	50482	PASS
95	95	100	100	100.0	113491	PASS
96	95	5	9	5.6	6322	PASS
173	174	0.00	2	0.6	585	PASS
174	95	50	100	87.0	98765	PASS
175	174	5	9	8.0	7889	PASS
176	174	95	101	97.1	95893	PASS
177	176	5	9	7.0	6665	PASS

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

VOLATILES CALIBRATION DATA

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.1735585	0.5	0.1615208	1	0.183608	2	0.1576183	5	0.2543982	10	0.2270566
Ethyl Methacrylate	0.4	0.3120944	0.5	0.3184248	1	0.3823829	2	0.3331603	5	0.5263728	10	0.3743926
Acetone	4	0.1554043	5	0.1675105	10	0.1595649	20	0.1407027	50	0.1655124	100	0.1378071
Acrolein	4	2.214989E-02	5	2.459122E-02	10	2.403438E-02	20	2.916116E-02	50	4.090153E-02	100	3.533886E-02
Acrylonitrile	0.4	0.232374	0.5	0.2593189	1	0.2441684	2	0.2291564	5	0.2954679	10	0.2290744
tert-Amyl Methyl Ether (TAME)	0.4	1.296146	0.5	1.316429	1	1.236643	2	1.164808	5	1.221491	10	1.163852
Benzene	0.4	2.298883	0.5	2.284467	1	2.138033	2	2.042247	5	2.188259	10	2.050384
Bromobenzene			0.5	1.37265	1	1.383101	2	1.257432	5	1.597306	10	1.362268
Bromochloromethane	0.4	0.4989273	0.5	0.5140464	1	0.577107	2	0.5001036	5	0.4921447	10	0.536249
Bromodichloromethane	0.4	0.4656298	0.5	0.4610418	1	0.5502508	2	0.5002065	5	0.7346128	10	0.5172008
Bromoform	0.4	0.4531623	0.5	0.4257268	1	0.4628235	2	0.4727172	5	0.5520071	10	0.5527317
Bromomethane	0.4	0.654953	0.5	0.9494891	1	0.7242521	2	0.6052736	5	0.6228465	10	0.4329208
2-Butanone (MEK)	4	0.2051417	5	0.2077306	10	0.2155445	20	0.2061988	50	0.1937696	100	0.2324402
tert-Butyl Alcohol (TBA)	4	4.416661E-02	5	4.418706E-02	10	3.408896E-02	20	0.041921	50	4.878132E-02	100	4.024843E-02
n-Butylbenzene	0.4	1.290612	0.5	1.431339	1	1.733816	2	1.813207	5	2.370621	10	2.708798
sec-Butylbenzene	0.4	3.250919	0.5	3.153298	1	3.204015	2	3.139867	5	3.312352	10	3.198559
tert-Butylbenzene	0.4	2.340633	0.5	2.424729	1	2.318174	2	2.291033	5	2.477728	10	2.253446
tert-Butyl Ethyl Ether (TBEE)	0.4	1.840793	0.5	1.781807	1	1.771781	2	1.687718	5	1.747137	10	1.889951
Carbon Disulfide	4	1.344041	5	1.334335	10	1.501464	20	1.377463	50	1.944044	100	1.535119
Carbon Tetrachloride	0.4	0.6591699	0.5	0.6683155	1	0.6780554	2	0.6432844	5	0.6546838	10	0.6825337
Chlorobenzene	0.4	2.40479	0.5	2.322348	1	2.321426	2	2.112926	5	2.271646	10	2.178357
Chlorodibromomethane	0.4	0.3026751	0.5	0.3169986	1	0.4198244	2	0.3612769	5	0.4376995	10	0.3975693
Chloroethane	0.4	0.4352297	0.5	0.4097312	1	0.4477762	2	0.3775452	5	0.455046	10	0.3571921
2-Chloroethyl Vinyl Ether	4	0.1987169	5	0.1868023	10	0.2081794	20	0.2025665	50	0.2201649	100	0.2106516
Chloroform	0.4	1.051787	0.5	1.083556	1	1.047931	2	1.010203	5	1.041699	10	1.063486
Chloromethane	0.4	0.6800326	0.5	0.7028423	1	0.7539428	2	0.6086337	5	0.7863645	10	0.5479636

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene											10	2.505747
4-Chlorotoluene	0.4	2.907023	0.5	2.813016	1	2.772317	2	2.478543	5	3.122606	10	2.856938
Cyclohexane									5	0.9701938	10	0.9659838
1,2-Dibromo-3-chloropropane (D					1	0.1127935	2	9.068737E-02	5	0.1138942	10	0.1228291
1,2-Dibromoethane (EDB)	0.4	0.3422364	0.5	0.3098678	1	0.3891904	2	0.2907898	5	0.4177158	10	0.3486287
Dibromomethane	0.4	0.2825805	0.5	0.290809	1	0.2692848	2	0.2254147	5	0.2645898	10	0.2504243
1,2-Dichlorobenzene	0.4	1.583283	0.5	1.468327	1	1.713749	2	1.640477	5	1.650722	10	2.014451
1,3-Dichlorobenzene	0.4	1.796368	0.5	1.774798	1	1.747895	2	1.591776	5	1.736705	10	1.741841
1,4-Dichlorobenzene	0.4	1.912262	0.5	1.640523	1	1.847095	2	1.657456	5	1.771126	10	1.721234
trans-1,4-Dichloro-2-butene	0.4	0.1781692	0.5	0.1692916	1	0.1630248	2	0.1620981	5	0.1872946	10	0.2057365
Dichlorodifluoromethane (Freon	0.4	0.7386254	0.5	0.6589491	1	0.6807728	2	0.5607948	5	0.7669342	10	0.5947683
1,1-Dichloroethane	0.4	1.114153	0.5	1.0033	1	1.103085	2	0.9944951	5	1.230178	10	1.102254
1,2-Dichloroethane	0.4	0.5656319	0.5	0.6275147	1	0.6836168	2	0.6414515	5	0.6223722	10	0.7705025
1,1-Dichloroethylene	0.4	0.8458238	0.5	0.8358076	1	0.9867381	2	0.8902491	5	1.170174	10	0.9508327
cis-1,2-Dichloroethylene	0.4	1.004513	0.5	0.9691401	1	1.098556	2	0.9251518	5	0.95463	10	1.005602
trans-1,2-Dichloroethylene	0.4	0.8458238	0.5	0.8302979	1	0.9633882	2	0.9091915	5	1.130531	10	0.9440044
Dichlorofluoromethane (Freon 2	0.4	1.106828	0.5	1.109635	1	1.207959	2	1.077741	5	1.467894	10	1.172882
1,2-Dichloropropane	0.4	0.3923159	0.5	0.4177381	1	0.4219131	2	0.385334	5	0.4179806	10	0.3672447
1,3-Dichloropropane	0.4	0.5201051	0.5	0.5415556	1	0.5946545	2	0.5330745	5	0.6155933	10	0.5524675
2,2-Dichloropropane	0.4	0.5395428	0.5	0.6304828	1	0.5213488	2	0.5024136	5	0.5495301	10	0.5898999
1,1-Dichloropropene	0.4	0.8629134	0.5	0.792649	1	0.7477027	2	0.7163238	5	0.8050607	10	0.7427891
cis-1,3-Dichloropropene	0.4	0.4989115	0.5	0.4297957	1	0.4878225	2	0.4549792	5	0.5848233	10	0.5023743
trans-1,3-Dichloropropene	0.4	0.3849374	0.5	0.3575797	1	0.3402225	2	0.3329498	5	0.4158092	10	0.3951977
Diethyl Ether	0.4	0.496042	0.5	0.4040379	1	0.5110829	2	0.4482326	5	0.5587803	10	0.4701855
Difluorochloromethane (Freon 2	0.4	0.7823482	0.5	0.8936584	1	0.8127204	2	0.7223719	5	1.011869	10	0.7284256
Diisopropyl Ether (DIPE)	0.4	1.967966	0.5	1.89604	1	2.056409	2	1.913347	5	2.143794	10	2.120368

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane							20	3.196582E-03	50	3.129956E-03	100	2.883196E-03
Ethyl Acetate	0.4	0.8074277	0.5	0.781997	1	0.4441529	2	0.4914514	5	0.43148	10	0.5309331
Ethylbenzene	0.4	3.725086	0.5	3.6431	1	3.853233	2	3.627565	5	3.979666	10	3.741184
Hexachlorobutadiene			0.5	0.2098054	1	0.273326	2	0.2986123	5	0.4582088	10	0.4050887
2-Hexanone (MBK)			5	0.1653449	10	0.2025554	20	0.1711961	50	0.2255704	100	0.2051464
Iodomethane	4	0.2550788	5	0.3616323	10	0.4641313	20	0.5443557	50	0.9388631	100	0.852968
Isopropylbenzene (Cumene)	0.4	2.804929	0.5	2.811351	1	2.875531	2	2.650841	5	3.135533	10	2.976234
p-Isopropyltoluene (p-Cymene)	0.4	2.269849	0.5	2.552166	1	2.596031	2	2.572897	5	2.783985	10	2.688827
Methyl Acetate	0.4	1.136791	0.5	1.224235	1	1.12865	2	1.071105	5	1.378108	10	1.144853
Methyl tert-Butyl Ether (MTBE)	0.4	1.490124	0.5	1.586951	1	1.6502	2	1.501739	5	1.979052	10	1.66911
Methyl Cyclohexane	0.4	0.5417696	0.5	0.5445376	1	0.5183017	2	0.4883885	5	0.5453855	10	0.4910804
Methylene Chloride							2	1.222769	5	1.324246	10	0.9459196
4-Methyl-2-pentanone (MIBK)	4	0.2962542	5	0.3052263	10	0.3156922	20	0.3061081	50	0.3561865	100	0.3112061
Naphthalene							2	0.1697205	5	0.7465285	10	1.081126
n-Propylbenzene	0.4	3.514642	0.5	3.51516	1	3.718995	2	3.382764	5	4.377785	10	3.981043
Styrene	0.4	2.193029	0.5	1.926317	1	2.330375	2	2.180467	5	2.496233	10	2.44184
1,1,1,2-Tetrachloroethane	0.4	0.776238	0.5	0.6804968	1	0.7299575	2	0.7027007	5	0.8311335	10	0.7424871
1,1,2,2-Tetrachloroethane	0.4	0.9488085	0.5	0.9743981	1	0.848982	2	0.7104886	5	0.9468581	10	0.8957271
Tetrachloroethylene	0.4	0.4403546	0.5	0.4760814	1	0.4775338	2	0.3874991	5	0.4548587	10	0.4053059
Tetrahydrofuran					1	0.138087	2	0.1680872	5	0.1343481	10	0.1475287
Toluene	0.4	1.651526	0.5	1.596273	1	1.878573	2	1.556883	5	2.092463	10	1.595684
1,2,3-Trichlorobenzene							2	0.1600729	5	0.4438378	10	0.6237953
1,2,4-Trichlorobenzene					1	7.816251E-02	2	0.2536159	5	0.665497	10	0.7236138
1,3,5-Trichlorobenzene	0.4	0.3069742	0.5	0.3235666	1	0.6123539	2	0.8168038	5	1.024979	10	1.292162
1,1,1-Trichloroethane	0.4	0.7619294	0.5	0.7673048	1	0.7992337	2	0.7668927	5	0.8752692	10	0.8379735
1,1,2-Trichloroethane	0.4	0.3584062	0.5	0.4017909	1	0.3707791	2	0.327988	5	0.4571183	10	0.3390347

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4828986	0.5	0.3549866	1	0.4349093	2	0.3850032	5	0.4684165	10	0.4081999
Trichlorofluoromethane (Freon 1	0.4	0.891544	0.5	0.8909036	1	0.8927343	2	0.8409401	5	1.121134	10	0.922392
1,2,3-Trichloropropane	0.4	0.6428581	0.5	0.7129675	1	0.6283839	2	0.6348153	5	0.6911527	10	0.659314
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.4802841	0.5	0.4464619	1	0.5480201	2	0.4935515	5	0.6326596	10	0.5259573
1,2,4-Trimethylbenzene	0.4	2.811546	0.5	2.773161	1	2.952051	2	2.99114	5	2.820034	10	2.853383
1,3,5-Trimethylbenzene	0.4	2.687687	0.5	2.479983	1	2.71892	2	2.539054	5	3.095009	10	2.867044
Vinyl Acetate	4	0.8337057	5	0.8375339	10	0.9012993	20	0.8889303	50	1.084857	100	1.089256
Vinyl Chloride	0.4	0.7874528	0.5	0.7763038	1	0.8165449	2	0.7121237	5	0.941758	10	0.6613329
m+p Xylene	0.8	2.911139	1	2.860057	2	2.891267	4	2.837578	10	3.264075	20	3.275482
o-Xylene	0.4	2.916573	0.5	2.683688	1	3.090014	2	2.768142	5	3.100238	10	3.025641
1,2-Dichloroethane-d4	25	0.5848671	25	0.5736273	25	0.5535758	25	0.5732572	25	0.5637676	25	0.5530933
Toluene-d8	25	1.16541	25	1.183067	25	1.245431	25	1.135472	25	1.241726	25	1.148661
4-Bromofluorobenzene	25	0.8989422	25	0.8792618	25	0.9286837	25	0.8140522	25	0.9974691	25	0.9579516

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene												
Ethyl Methacrylate	20	0.4365997	50	0.5028054	100	0.5207257						
Acetone	200	0.1857258	500	0.1795072								
Acrolein	200	0.0505898	500	4.917894E-02	1000	5.503758E-02						
Acrylonitrile	20	0.3187789	50	0.2683178	100	0.2889643						
tert-Amyl Methyl Ether (TAME)	20	1.3252	50	1.344232	100	1.500752	200	1.167222				
Benzene	20	2.129681	50	2.211424	100	2.21074	200	1.788023				
Bromobenzene	20	1.095612	50	1.198263	100	1.723847						
Bromochloromethane	20	0.5030887	50	0.4830379	100	0.4721613	200	0.4352615				
Bromodichloromethane	20	0.605502	50	0.6751782	100	0.6487815	200	0.4868702				
Bromoform	20	0.4875301										
Bromomethane	20	0.5552633	50	0.6211301	100	0.6864128						
2-Butanone (MEK)	200	0.2104967	500	0.1973787	1000	0.2289904	2000	0.1944682				
tert-Butyl Alcohol (TBA)												
n-Butylbenzene	20	2.411004	50	2.416923	100	2.200866	200	1.867141				
sec-Butylbenzene	20	4.152309	50	3.259998	100	3.393057	200	2.493507				
tert-Butylbenzene	20	2.596993	50	2.397583	100	2.282169	200	1.830731				
tert-Butyl Ethyl Ether (TBEE)	20	1.799295	50	1.650319	100	1.755201	200	1.608954				
Carbon Disulfide	200	2.208304	500	2.044101								
Carbon Tetrachloride	20	0.7498092	50	0.7610584	100	0.8117846	200	0.6451614				
Chlorobenzene	20	2.147495	50	2.382677	100	2.420243	200	1.799061				
Chlorodibromomethane												
Chloroethane	20	0.4893615	50	0.5056893	100	0.5321492						
2-Chloroethyl Vinyl Ether	200	0.2355335	500	0.2526967	1000	0.2583613						
Chloroform	20	1.059309	50	1.029284	100	1.00425	200	0.8573507				
Chloromethane	20	0.7625478	50	0.7458241	100	0.9070562						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.20288	50	2.132334	100	2.907891	200	2.044111				
4-Chlorotoluene	20	2.375731	50	2.676036	100	3.466228	200	2.319853				
Cyclohexane	20	0.8902721	50	0.8583454	100	0.8774456	200	0.7943506				
1,2-Dibromo-3-chloropropane (D	20	0.1631985	50	0.1344723								
1,2-Dibromoethane (EDB)	20	0.378893	50	0.4134853	100	0.4269205	200	0.3039543				
Dibromomethane	20	0.2690068	50	0.2903415	100	0.286537	200	0.2168938				
1,2-Dichlorobenzene	20	1.853946	50	1.69704	100	1.606448	200	1.308157				
1,3-Dichlorobenzene	20	1.869582	50	1.720756	100	1.670529	200	1.344767				
1,4-Dichlorobenzene	20	1.807305	50	1.789286	100	1.78242	200	1.376928				
trans-1,4-Dichloro-2-butene	20	0.1721061										
Dichlorodifluoromethane (Freon	20	0.7768882	50	0.6869432	100	0.6755002						
1,1-Dichloroethane	20	1.48275	50	0.982545	100	1.026374						
1,2-Dichloroethane	20	0.6230718	50	0.6739395	100	0.6571987	200	0.4992612				
1,1-Dichloroethylene	20	1.334423	50	1.253588	100	1.374544						
cis-1,2-Dichloroethylene	20	0.9698448	50	0.8848888	100	0.9169575	200	0.8209079				
trans-1,2-Dichloroethylene	20	1.28639	50	1.079231	100	1.061325						
Dichlorofluoromethane (Freon 2	20	1.634012	50	1.62392	100	1.719325						
1,2-Dichloropropane	20	0.4069014	50	0.4439664	100	0.4294892	200	0.3521903				
1,3-Dichloropropane	20	0.6123387	50	0.637619	100	0.6479616	200	0.4969883				
2,2-Dichloropropane	20	0.6239932	50	0.6127571	100	0.6597573	200	0.5732735				
1,1-Dichloropropene	20	0.7920294	50	0.7592248	100	0.776682	200	0.6496683				
cis-1,3-Dichloropropene	20	0.5999248										
trans-1,3-Dichloropropene	20	0.4948547										
Diethyl Ether	20	0.6334658	50	0.5967256								
Difluorochloromethane (Freon 2	20	0.9982189	50	0.9408431	100	0.9593559						
Diisopropyl Ether (DIPE)	20	2.42175	50	1.760607	100	1.808605	200	1.594777				

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.002456E-03	500	3.134451E-03	1000	3.440139E-03	2000	2.466246E-03				
Ethyl Acetate	20	0.4612126	50	0.3737248	100	0.4486124	200	0.3780754				
Ethylbenzene	20	3.179224	50	3.987535	100	4.375435	200	3.129197				
Hexachlorobutadiene	20	0.3998459	50	0.3793502	100	0.4279586						
2-Hexanone (MBK)	200	0.2303786										
Iodomethane	200	1.307929	500	1.303821								
Isopropylbenzene (Cumene)	20	2.454155	50	2.427366	100	3.327298	200	2.483363				
p-Isopropyltoluene (p-Cymene)	20	2.803705	50	2.750884	100	2.741213	200	2.101775				
Methyl Acetate	20	1.49848	50	1.428729								
Methyl tert-Butyl Ether (MTBE)	20	2.217819	50	1.949134	100	2.032323						
Methyl Cyclohexane	20	0.5302617	50	0.5838687	100	0.5745839	200	0.4732418				
Methylene Chloride	20	1.200798	50	1.080326	100	1.185522						
4-Methyl-2-pentanone (MIBK)	200	0.3363144	500	0.3714068	1000	0.3923807	2000	0.2790742				
Naphthalene	20	1.510054	50	1.830972	100	2.238494	200	1.660524				
n-Propylbenzene	20	3.145963	50	3.721013	100	4.62515	200	3.303387				
Styrene	20	2.044374	50	1.986642	100	2.765132	200	2.01988				
1,1,1,2-Tetrachloroethane	20	0.6603687	50	0.848588	100	0.9071217	200	0.6759214				
1,1,2,2-Tetrachloroethane	20	0.7368084	50	1.012062								
Tetrachloroethylene	20	0.4623519	50	0.4819185	100	0.4759365	200	0.3417671				
Tetrahydrofuran	20	0.1221871	50	0.1241049	100	0.1363181	200	0.1243058				
Toluene	20	1.77158	50	1.821754	100	1.817141	200	1.37208				
1,2,3-Trichlorobenzene	20	0.7005352	50	0.7635543	100	0.8882298						
1,2,4-Trichlorobenzene	20	0.8721403	50	0.9213869	100	0.9691781						
1,3,5-Trichlorobenzene	20	1.337953	50	1.120846	100	1.194302						
1,1,1-Trichloroethane	20	0.8926559	50	0.908418	100	0.9364687	200	0.7634756				
1,1,2-Trichloroethane	20	0.378304	50	0.3986245	100	0.4092153	200	0.3036339				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.431906	50	0.4607443	100	0.4461909	200	0.3420923				
Trichlorofluoromethane (Freon 1												
1,2,3-Trichloropropane	20	0.5629586	50	0.7568638								
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.7261588	50	0.6917626	100	0.7725343						
1,2,4-Trimethylbenzene	20	3.046245	50	3.027988	100	2.932644	200	2.317608				
1,3,5-Trimethylbenzene	20	2.524404	50	2.557343	100	3.65494	200	2.338969				
Vinyl Acetate	200	1.309281										
Vinyl Chloride	20	0.8685301	50	0.9160032	100	1.052594						
m+p Xylene	40	2.36008	100	2.895467	200	3.157614	400	2.363743				
o-Xylene	20	2.502072	50	2.418859	100	3.380775	200	2.438732				
1,2-Dichloroethane-d4	25	0.5438173	25	0.5619795	25	0.5501465	25	0.5731934				
Toluene-d8	25	1.215295	25	1.286152	25	1.214235	25	1.21729				
4-Bromofluorobenzene	25	0.6827094	25	0.7843039	25	0.9829861	25	0.9228368				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.1929601	20.3	0.9915423		0.995	*
Ethyl Methacrylate	0.4118843	21.2	0.9985879		0.995	
Acetone	0.1614669	10.5			15	
Acrolein	3.677593E-02	34.4	0.9971956		0.995	
Acrylonitrile	0.2628468	12.4			15	
tert-Amyl Methyl Ether (TAME)	1.273677	8.3			15	
Benzene	2.134214	7.0			15	
Bromobenzene	1.37381	14.9			15	
Bromochloromethane	0.5012127	7.5			15	
Bromodichloromethane	0.5645274	17.0	0.976105		0.995	*
Bromoform	0.4866712	10.0			15	
Bromomethane	0.6502824	21.5	0.9963807		0.995	
2-Butanone (MEK)	0.2092159	6.4			15	
tert-Butyl Alcohol (TBA)	4.223223E-02	11.6			15	
n-Butylbenzene	2.024433	23.1	0.9907136		0.995	*
sec-Butylbenzene	3.255788	12.3			15	
tert-Butylbenzene	2.321322	8.7			15	
tert-Butyl Ethyl Ether (TBEE)	1.753296	4.9			15	
Carbon Disulfide	1.661109	21.0	0.9961002		0.995	
Carbon Tetrachloride	0.6953856	8.3			15	
Chlorobenzene	2.236097	8.4			15	
Chlorodibromomethane	0.372674	14.8			15	
Chloroethane	0.4455245	13.0			15	
2-Chloroethyl Vinyl Ether	0.219297	11.2			15	
Chloroform	1.024886	6.2			15	
Chloromethane	0.7216897	14.4			15	
2-Chlorotoluene	2.358593	15.0			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.778829	12.5			15	
Cyclohexane	0.8927652	7.5			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1229792	19.8	0.99008		0.995	*
1,2-Dibromoethane (EDB)	0.3621682	13.9			15	
Dibromomethane	0.2645882	9.9			15	
1,2-Dichlorobenzene	1.65366	11.7			15	
1,3-Dichlorobenzene	1.699502	8.5			15	
1,4-Dichlorobenzene	1.730563	8.6			15	
trans-1,4-Dichloro-2-butene	0.1768173	8.7			15	
Dichlorodifluoromethane (Freon 12)	0.6822418	10.7			15	
1,1-Dichloroethane	1.115459	14.2			15	
1,2-Dichloroethane	0.6364561	11.3			15	
1,1-Dichloroethylene	1.071353	19.9	0.9979253		0.995	
cis-1,2-Dichloroethylene	0.9550192	7.9			15	
trans-1,2-Dichloroethylene	1.005576	14.7			15	
Dichlorofluoromethane (Freon 21)	1.346688	19.4	0.998794		0.995	
1,2-Dichloropropane	0.4035074	7.1			15	
1,3-Dichloropropane	0.5752358	9.2			15	
2,2-Dichloropropane	0.5802999	8.9			15	
1,1-Dichloropropene	0.7645043	7.5			15	
cis-1,3-Dichloropropene	0.5083759	12.4			15	
trans-1,3-Dichloropropene	0.388793	14.3			15	
Diethyl Ether	0.5148191	15.0			15	
Difluorochloromethane (Freon 22)	0.8722013	13.0			15	
Diisopropyl Ether (DIPE)	1.968366	11.8			15	
1,4-Dioxane	3.036147E-03	10.0			15	
Ethyl Acetate	0.5149067	30.1	0.9929144		0.995	*

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.724122	10.0			15	
Hexachlorobutadiene	0.3565245	24.2	0.9970728		0.995	
2-Hexanone (MBK)	0.200032	13.5			15	
Iodomethane	0.7535974	54.6	0.9959532		0.995	
Isopropylbenzene (Cumene)	2.79466	10.7			15	
p-Isopropyltoluene (p-Cymene)	2.586133	9.0			15	
Methyl Acetate	1.251369	12.9			15	
Methyl tert-Butyl Ether (MTBE)	1.786272	14.7			15	
Methyl Cyclohexane	0.5291419	6.9			15	
Methylene Chloride	1.15993	11.3			15	
4-Methyl-2-pentanone (MIBK)	0.3269849	11.0			15	
Naphthalene	1.319631	53.3	0.9725041		0.995	*
n-Propylbenzene	3.72859	12.7			15	
Styrene	2.238429	12.0			15	
1,1,1,2-Tetrachloroethane	0.7555013	11.0			15	
1,1,2,2-Tetrachloroethane	0.8842666	12.5			15	
Tetrachloroethylene	0.4403607	10.7			15	
Tetrahydrofuran	0.1368709	11.2			15	
Toluene	1.715396	11.8			15	
1,2,3-Trichlorobenzene	0.5966709	43.6	0.9962805		0.995	
1,2,4-Trichlorobenzene	0.6405135	53.9	0.9995467		0.995	
1,3,5-Trichlorobenzene	0.8922156	44.7	0.9981785		0.995	
1,1,1-Trichloroethane	0.8309621	8.2			15	
1,1,2-Trichloroethane	0.3744895	12.0			15	
Trichloroethylene	0.4215348	11.4			15	
Trichlorofluoromethane (Freon 11)	0.926608	10.7			15	
1,2,3-Trichloropropane	0.6611642	8.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5908211	20.0	0.9973037		0.995	
1,2,4-Trimethylbenzene	2.85258	7.4			15	
1,3,5-Trimethylbenzene	2.746335	14.0			15	
Vinyl Acetate	0.9921233	17.8	0.9935081		0.995	*
Vinyl Chloride	0.8369604	14.5			15	
m+p Xylene	2.88165	11.1			15	
o-Xylene	2.832473	11.4			15	
1,2-Dichloroethane-d4	0.5631325	2.3			15	
Toluene-d8	1.205274	3.9			15	
4-Bromofluorobenzene	0.8849197	11.1			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001555	Instrument:	GCMSVOA3
Calibration:	1100098		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1110119	0.4ppb 8260 Calibration Standard	S001555-CAL1	VC341005.D	12/07/11 13:12
1110120	0.5ppb 8260 Calibration Standard	S001555-CAL2	VC341006.D	12/07/11 13:42
1110121	1ppb 8260 Calibration Standard	S001555-CAL3	VC341007.D	12/07/11 14:12
1110122	2ppb 8260 Calibration Standard	S001555-CAL4	VC341008.D	12/07/11 14:43
1110123	5ppb 8260 Calibration Standard	S001555-CAL5	VC341009.D	12/07/11 15:13
1110125	10ppb 8260 Calibration Standard	S001555-CAL6	VC341010.D	12/07/11 15:43
1110126	20ppb 8260 Calibration Standard	S001555-CAL7	VC341011.D	12/07/11 16:13
1110127	50ppb 8260 Calibration Standard	S001555-CAL8	VC341012.D	12/07/11 16:44
1110128	100ppb 8260 Calibration Standard	S001555-CAL9	VC341013.D	12/07/11 17:14
1110129	200ppb 8260 Calibration Standard	S001555-CALA	VC341014.D	12/07/11 17:44

Y:\1\DATA\120711\

Date	Filename	Lab ID	Sample Info
7 Dec 2011 11:10 am	VC341001.D	CLEAN UP	
7 Dec 2011 11:41 am	VC341002.D	CLEAN UP	
7 Dec 2011 12:11 pm	VC341003.D	CLEAN UP	
7 Dec 2011 12:41 pm	VC341004.D	BFB	
7 Dec 2011 1:12 pm	VC341005.D	8260 STD 0.4 PPB	
7 Dec 2011 1:42 pm	VC341006.D	8260 STD 0.5 PPB	
7 Dec 2011 2:12 pm	VC341007.D	8260 STD 1.0 PPB	
7 Dec 2011 2:43 pm	VC341008.D	8260 STD 2.0 PPB	
7 Dec 2011 3:13 pm	VC341009.D	8260 STD 5.0 PPB	
7 Dec 2011 3:43 pm	VC341010.D	8260 STD 10 PPB	
7 Dec 2011 4:13 pm	VC341011.D	8260 STD 20 PPB	
7 Dec 2011 4:44 pm	VC341012.D	8260 STD 50 PPB	
7 Dec 2011 5:14 pm	VC341013.D	8260 STD 100 PPB	
7 Dec 2011 5:44 pm	VC341014.D	8260 STD 200 PPB	
7 Dec 2011 6:15 pm	VC341015.D	CLEAN UP	
7 Dec 2011 6:45 pm	VC341016.D	CLEAN UP	
7 Dec 2011 7:15 pm	VC341017.D	B042284-BS1	
7 Dec 2011 7:45 pm	VC341018.D	B042284-BSD1	
7 Dec 2011 8:16 pm	VC341019.D	CLEAN UP	
7 Dec 2011 8:46 pm	VC341020.D	B042284-BLK1	
7 Dec 2011 9:16 pm	VC341021.D	11L0095-01 @ TB	
7 Dec 2011 9:47 pm	VC341022.D	11L0095-02	
7 Dec 2011 10:17 pm	VC341023.D	11L0095-03	
7 Dec 2011 10:47 pm	VC341024.D	11L0095-04	
7 Dec 2011 11:18 pm	VC341025.D	11L0095-05	
7 Dec 2011 11:48 pm	VC341026.D	11L0095-06	
8 Dec 2011 12:18 am	VC341027.D	CLEAN UP	
8 Dec 2011 12:49 am	VC341028.D	CLEAN UP	
8 Dec 2011 1:19 am	VC341029.D	11L0150-01 TB LOT CHECK	
8 Dec 2011 1:50 am	VC341030.D	BFB	
8 Dec 2011 2:20 am	VC341031.D	8260STD 10PPB	
8 Dec 2011 2:51 am	VC341032.D	B0-BS1 RCP	
8 Dec 2011 3:21 am	VC341033.D	B0-BS1	
8 Dec 2011 3:52 am	VC341034.D	B0-BSD1	

Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC341005.D 0.5 =VC341006.D 1.0 =VC341007.D 2.0 =VC341008.D 5.0 =VC341009.D 10 =VC341014.D 20 =VC341011.D
50 =VC341012.D 100 =VC341013.D 200 =VC341014.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.585	0.574	0.554	0.573	0.564	0.553	0.544	0.562	0.550	0.573	0.563	2.31
3)		DICHLORODIFLUO...	0.739	0.659	0.681	0.561	0.767	0.595	0.777	0.687	0.676		0.682	10.66
4)		DIFLUOROCHLORO...	0.782	0.894	0.813	0.722	1.012	0.728	0.998	0.941	0.959		0.872	13.00
5)	P	CHLOROMETHANE	0.680	0.703	0.754	0.609	0.786	0.548	0.763	0.746	0.907		0.722	14.44
6)	C	VINYL CHLORIDE	0.787	0.776	0.817	0.712	0.942	0.661	0.869	0.916	1.053		0.837	14.49#
7)		BROMOMETHANE	0.655	0.949	0.724	0.605	0.623	0.433	0.555	0.621	0.686		0.650	21.49
8)		CHLOROETHANE	0.435	0.410	0.448	0.378	0.455	0.357	0.489	0.506	0.532		0.446	13.03
9)		FLUORODICHLORO...	1.107	1.110	1.208	1.078	1.468	1.173	1.634	1.624	1.719		1.347	19.44
10)		TRICHLOROFLUOR...	0.892	0.891	0.893	0.841	1.121	0.922					0.927	10.67
11)		ETHANOL					0.007	0.004	0.006				0.006	22.92
12)		DI ETHYL ETHER	0.496	0.404	0.511	0.448	0.559	0.470	0.633	0.597			0.515	15.01
13)		ACROLEIN	0.022	0.025	0.024	0.029	0.041	0.035	0.051	0.049	0.055		0.037	34.39
14)		ACETONE	0.155	0.168	0.160	0.141	0.166	0.138	0.186	0.180			0.161	10.46
15)	C	1,1-DICHLOROET...	0.846	0.836	0.987	0.890	1.170	0.951	1.334	1.254	1.375		1.071	19.94#
16)		1,1,2-TRICL-1,...	0.480	0.446	0.548	0.494	0.633	0.526	0.726	0.692	0.773		0.591	20.01
17)		IODOMETHANE	0.255	0.362	0.464	0.544	0.939	0.853	1.308	1.304			0.754	54.57
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	1.137	1.224	1.129	1.071	1.378	1.145	1.498	1.429			1.251	12.86
21)		T-BUTYL ALCOHOL	0.044	0.044	0.034	0.042	0.049	0.040					0.042	11.64
22)		ACRYLONITRILE	0.232	0.259	0.244	0.229	0.295	0.229	0.319	0.268	0.289		0.263	12.38
23)		METHYLENE CHLO...				1.223	1.324	0.946	1.201	1.080	1.186		1.160	11.27
24)		CARBON DISULFIDE	1.344	1.334	1.501	1.377	1.944	1.535	2.208	2.044			1.661	21.04
25)		METHYL TERT-BU...	1.490	1.587	1.650	1.502	1.979	1.669	2.218	1.949	2.032		1.786	14.69
26)		TRANS 1,2-DICH...	0.846	0.830	0.963	0.909	1.131	0.944	1.286	1.079	1.061		1.006	14.67
27)	P	1,1-DICHLOROET...	1.114	1.003	1.103	0.994	1.230	1.102	1.483	0.983	1.026		1.115	14.22
28)		VINYL ACETATE	0.834	0.838	0.901	0.889	1.085	1.089	1.309				0.992	17.77
29)		DI ISOPROYL ETHER	1.968	1.896	2.056	1.913	2.144	2.120	2.422	1.761	1.809	1.595	1.968	11.78
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.205	0.208	0.216	0.206	0.194	0.232	0.210	0.197	0.229	0.194	0.209	6.37
32)		T-BUTYL ETHYL ...	1.841	1.782	1.772	1.688	1.747	1.890	1.799	1.650	1.755	1.609	1.753	4.86
33)		CIS-1,2-DICHLO...	1.005	0.969	1.099	0.925	0.955	1.006	0.970	0.885	0.917	0.821	0.955	7.90
34)		2,2-DICHLOROPR...	0.540	0.630	0.521	0.502	0.550	0.590	0.624	0.613	0.660	0.573	0.580	8.91
35)		ETHYL ACETATE	0.807	0.782	0.444	0.491	0.431	0.531	0.461	0.374	0.449	0.378	0.515	30.06
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.499	0.514	0.577	0.500	0.492	0.536	0.503	0.483	0.472	0.435	0.501	7.51
39)		TETRAHYDROFURAN			0.138	0.168	0.134	0.148	0.122	0.124	0.136	0.124	0.137	11.16
40)	C	CHLOROFORM	1.052	1.084	1.048	1.010	1.042	1.063	1.059	1.029	1.004	0.857	1.025	6.20#
41)		1,1,1-TRICHLOR...	0.762	0.767	0.799	0.767	0.875	0.838	0.893	0.908	0.936	0.763	0.831	8.17
42)		CYCLOHEXANE					0.970	0.966	0.890	0.858	0.877	0.794	0.893	7.51
43)		CARBON TETRACH...	0.659	0.668	0.678	0.643	0.655	0.683	0.750	0.761	0.812	0.645	0.695	8.33

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44)		1,1-DICHLOROPR...	0.863	0.793	0.748	0.716	0.805	0.743	0.792	0.759	0.777	0.650	0.765	7.47
45)		BENZENE	2.299	2.284	2.138	2.042	2.188	2.050	2.130	2.211	2.211	1.788	2.134	6.98
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.296	1.316	1.237	1.165	1.221	1.164	1.325	1.344	1.501	1.167	1.274	8.31
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.165	1.183	1.245	1.135	1.242	1.149	1.215	1.286	1.214	1.217	1.205	3.91
50)		1,2-DICHLOROET...	0.566	0.628	0.684	0.641	0.622	0.771	0.623	0.674	0.657	0.499	0.636	11.28
51)		TRICHLOROETHENE	0.483	0.355	0.435	0.385	0.468	0.408	0.432	0.461	0.446	0.342	0.422	11.36
52)		METHYLCYCLOHEXANE	0.542	0.545	0.518	0.488	0.545	0.491	0.530	0.584	0.575	0.473	0.529	6.92
53)	C	1,2-DICHLOROPR...	0.392	0.418	0.422	0.385	0.418	0.367	0.407	0.444	0.429	0.352	0.404	7.14#
54)		DIBROMOMETHANE	0.283	0.291	0.269	0.225	0.265	0.250	0.269	0.290	0.287	0.217	0.265	9.93
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE				0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	10.03
57)		BROMODICHLOROM...	0.466	0.461	0.550	0.500	0.735	0.517	0.606	0.675	0.649		0.573	17.04
58)		2-CHLOROETHYLV...	0.199	0.187	0.208	0.203	0.220	0.211	0.236	0.253	0.258	0.196	0.217	11.23
59)		MIBK	0.296	0.305	0.316	0.306	0.356	0.311	0.336	0.371	0.392	0.279	0.327	11.03
60)		CIS-1,3-DICHLO...	0.499	0.430	0.488	0.455	0.585	0.502	0.600				0.508	12.39
61)	C	TOLUENE	1.652	1.596	1.879	1.557	2.092	1.596	1.772	1.822	1.817	1.372	1.715	11.81#
62)		TRANS-1,3,-DIC...	0.385	0.358	0.340	0.333	0.416	0.395	0.495				0.389	14.28
63)		ETHYL METHACRY...	0.312	0.318	0.382	0.333	0.526	0.374	0.437	0.503	0.521		0.412	21.20
64)		1,1,2-TRICHLOR...	0.358	0.402	0.371	0.328	0.457	0.339	0.378	0.399	0.409	0.304	0.374	11.97
65)		2-HEXANONE		0.165	0.203	0.171	0.226	0.205	0.230				0.200	13.49
66)		TETRACHLOROETHENE	0.440	0.476	0.478	0.387	0.455	0.405	0.462	0.482	0.476	0.342	0.440	10.73
67)		1,3-DICHLOROPR...	0.520	0.542	0.595	0.533	0.616	0.552	0.612	0.638	0.648	0.497	0.575	9.19
68)		DIBROMOCHLOROM...	0.303	0.317	0.420	0.361	0.438	0.398					0.373	14.80
69)		1,2-DIBROMOETHANE	0.342	0.310	0.389	0.291	0.418	0.349	0.379	0.413	0.427	0.304	0.362	13.87
70)		CHLOROBENZENE-D5	... ----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.899	0.879	0.929	0.814	0.997	0.958	0.683	0.784	0.983	0.923	0.885	11.13
72)	T	CHLOROBENZENE	2.405	2.322	2.321	2.113	2.272	2.178	2.147	2.383	2.420	1.799	2.236	8.40
73)		1,1,1,2-TETRAC...	0.776	0.680	0.730	0.703	0.831	0.742	0.660	0.849	0.907	0.676	0.756	11.02
74)	C	ETHYLBENZENE	3.725	3.643	3.853	3.628	3.980	3.741	3.179	3.988	4.375	3.129	3.724	9.98#
75)		M/P-XYLENES	2.911	2.860	2.891	2.838	3.264	3.275	2.360	2.895	3.158	2.364	2.882	11.10
76)		0-XYLENE	2.917	2.684	3.090	2.768	3.100	3.026	2.502	2.419	3.381	2.439	2.832	11.44
77)		STYRENE	2.193	1.926	2.330	2.180	2.496	2.442	2.044	1.987	2.765	2.020	2.238	11.96
78)	P	BROMOFORM	0.453	0.426	0.463	0.473	0.552	0.553	0.488				0.487	10.01
79)		ISOPROPYLBENZENE	2.805	2.811	2.876	2.651	3.136	2.976	2.454	2.427	3.327	2.483	2.795	10.72
80)		CIS-1,4-DICHLO...	0.174	0.162	0.184	0.158	0.254	0.227					0.193	20.26
81)	P	1,1,2,2-TETRAC...	0.949	0.974	0.849	0.710	0.947	0.896	0.737	1.012			0.884	12.52
82)		1,4-DICHLORO-2...	0.178	0.169	0.163	0.162	0.187	0.206	0.172				0.177	8.74
83)		BROMOBENZENE		1.373	1.383	1.257	1.597	1.362	1.096	1.198	1.724		1.374	14.93
84)		1,2,3-TRICHLOR...	0.643	0.713	0.628	0.635	0.691	0.659	0.563	0.757			0.661	8.95
85)		N-PROPYLBENZENE	3.515	3.515	3.719	3.383	4.378	3.981	3.146	3.721	4.625	3.303	3.729	12.71
86)		2-CHLOROT0LUENE						2.506	2.203	2.132	2.908	2.044	2.359	14.96
87)		1,3,5-TRIMETHY...	2.688	2.480	2.719	2.539	3.095	2.867	2.524	2.557	3.655	2.339	2.746	14.00
88)		4-CHLOROTOLUENE	2.907	2.813	2.772	2.479	3.123	2.857	2.376	2.676	3.466	2.320	2.779	12.51
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.341	2.425	2.318	2.291	2.478	2.253	2.597	2.398	2.282	1.831	2.321	8.68
91)		1,2,4-TRIMETHY...	2.812	2.773	2.952	2.991	2.820	2.853	3.046	3.028	2.933	2.318	2.853	7.38
92)		SEC-BUTYLBENZENE	3.251	3.153	3.204	3.140	3.312	3.199	4.152	3.260	3.393	2.494	3.256	12.27
93)		1,3-DICHLOROBE...	1.796	1.775	1.748	1.592	1.737	1.742	1.870	1.721	1.671	1.345	1.700	8.51

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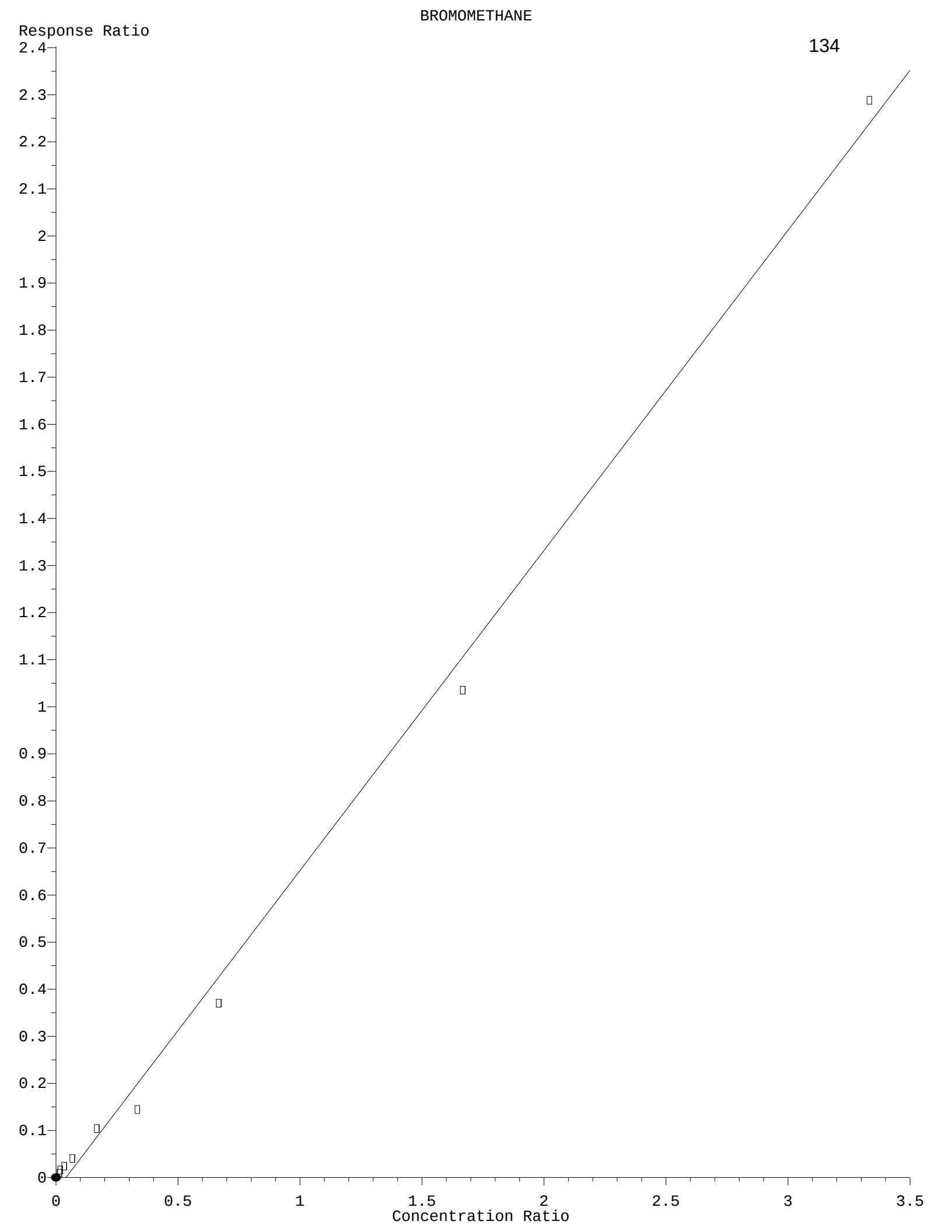
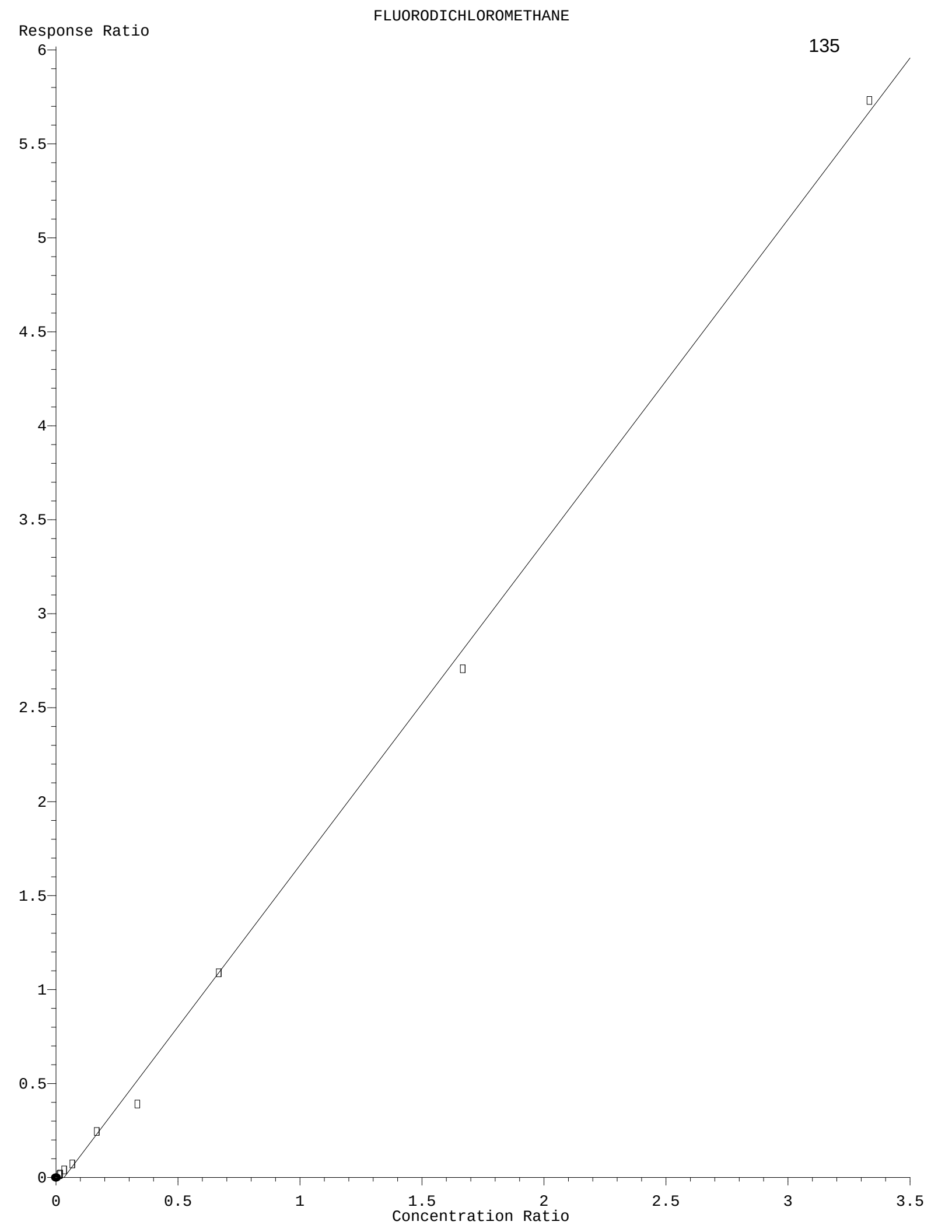
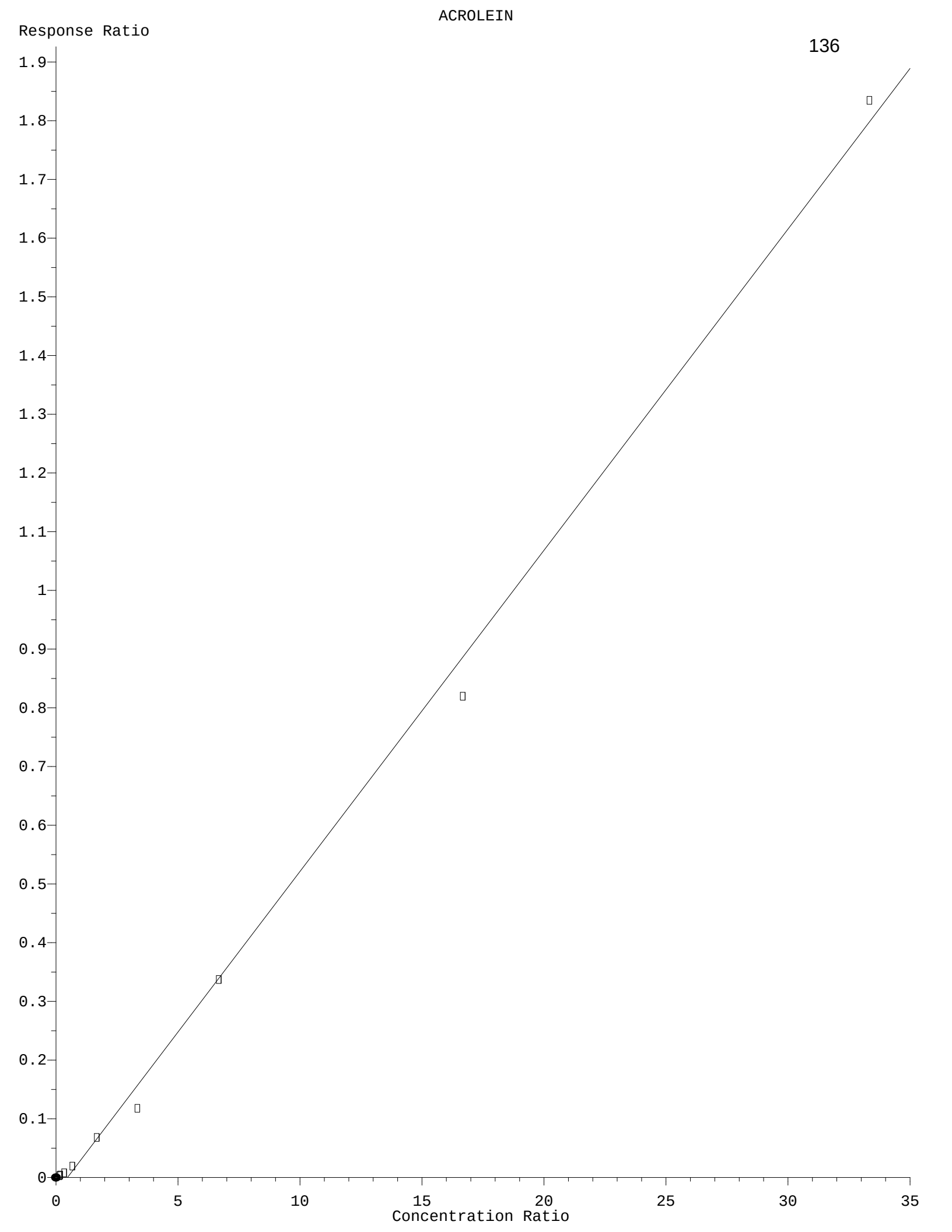
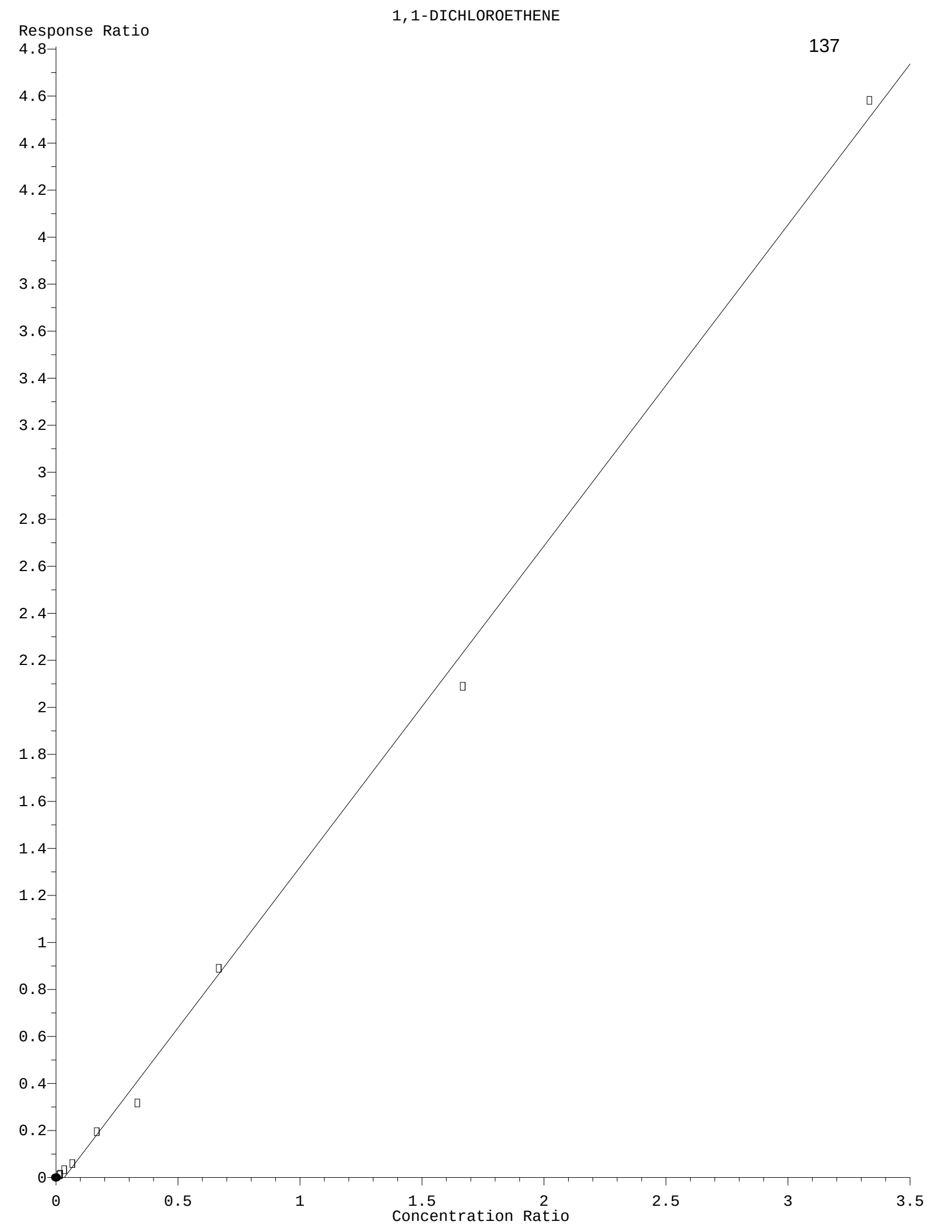
94)	P-ISOPROPYLTOL...	2.270	2.552	2.596	2.573	2.784	2.689	2.804	2.751	2.741	2.102	2.586	8.97
95)	1,4-DICHLOROBE...	1.912	1.641	1.847	1.657	1.771	1.721	1.807	1.789	1.782	1.377	1.731	8.59
96)	N-BUTYLBENZENE	1.291	1.431	1.734	1.813	2.371	2.709	2.411	2.417	2.201	1.867	2.024	23.09
97)	1,2-DICHLOROBE...	1.583	1.468	1.714	1.640	1.651	2.014	1.854	1.697	1.606	1.308	1.654	11.70
98)	1,2-DIBROMO-3-...			0.113	0.091	0.114	0.123	0.163	0.134			0.123	19.85
99)	1,3,5-TRICHLOR...	0.307	0.324	0.612	0.817	1.025	1.292	1.338	1.121	1.194		0.892	44.65
100)	1,2,4-TRICHLOR...			0.078	0.254	0.665	0.724	0.872	0.921	0.969		0.641	53.86
101)	HEXACHLOROBUTA...		0.210	0.273	0.299	0.458	0.405	0.400	0.379	0.428		0.357	24.18
102)	NAPHTHALENE				0.170	0.747	1.081	1.510	1.831	2.238		1.263	59.58
103)	1,2,3-TRICHLOR...				0.160	0.444	0.624	0.701	0.764	0.888		0.597	43.60

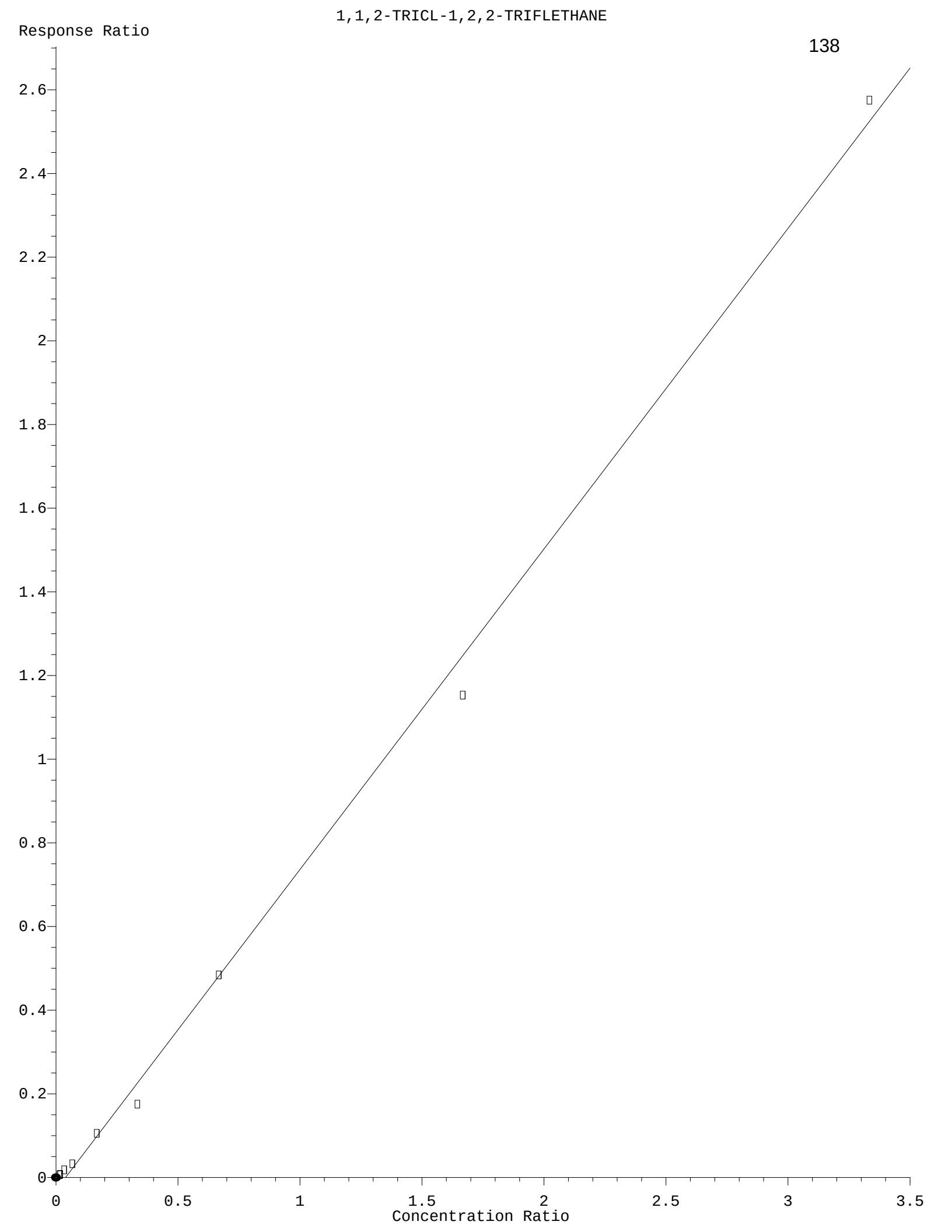
(#) = Out of Range

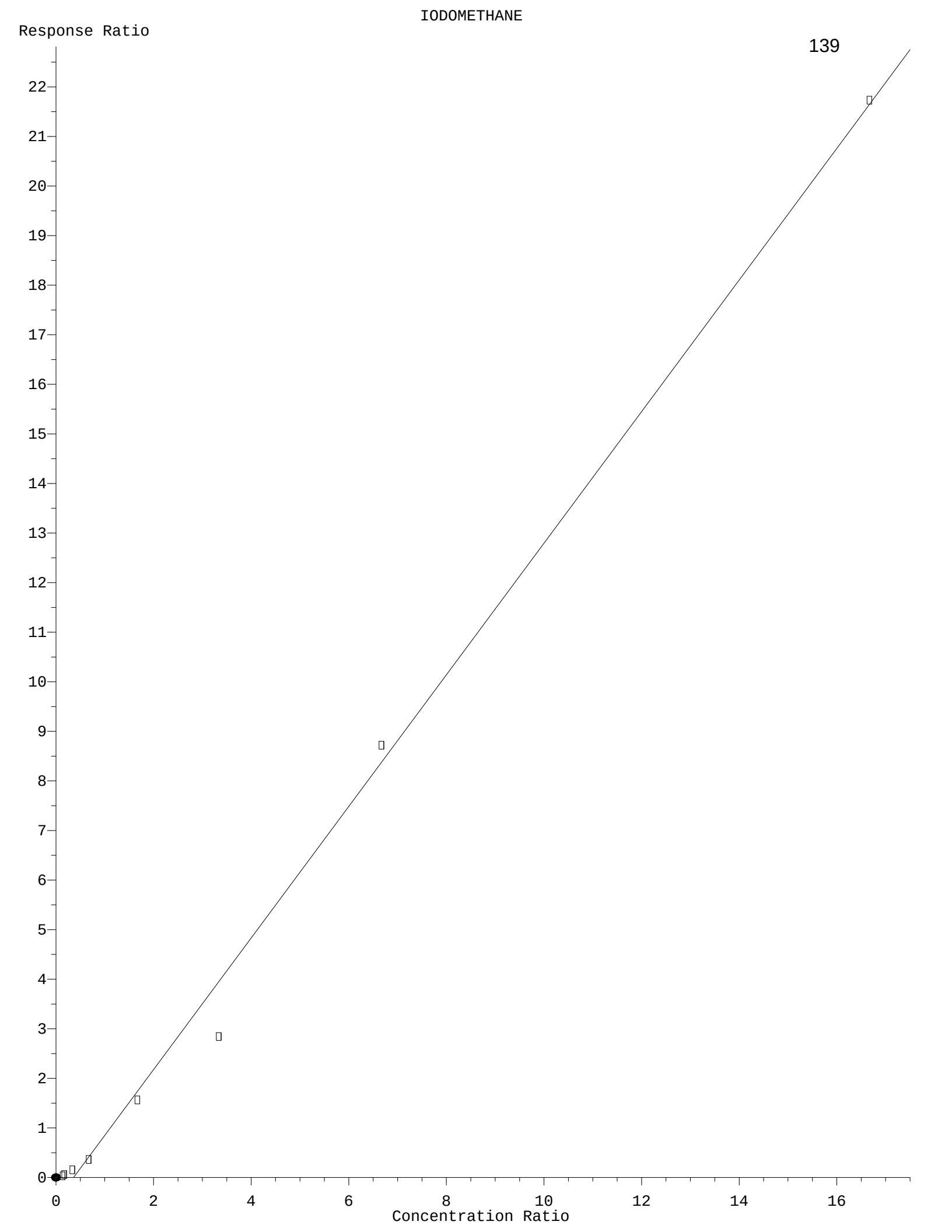

BROMOMETHANE
Response Ratio
134
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

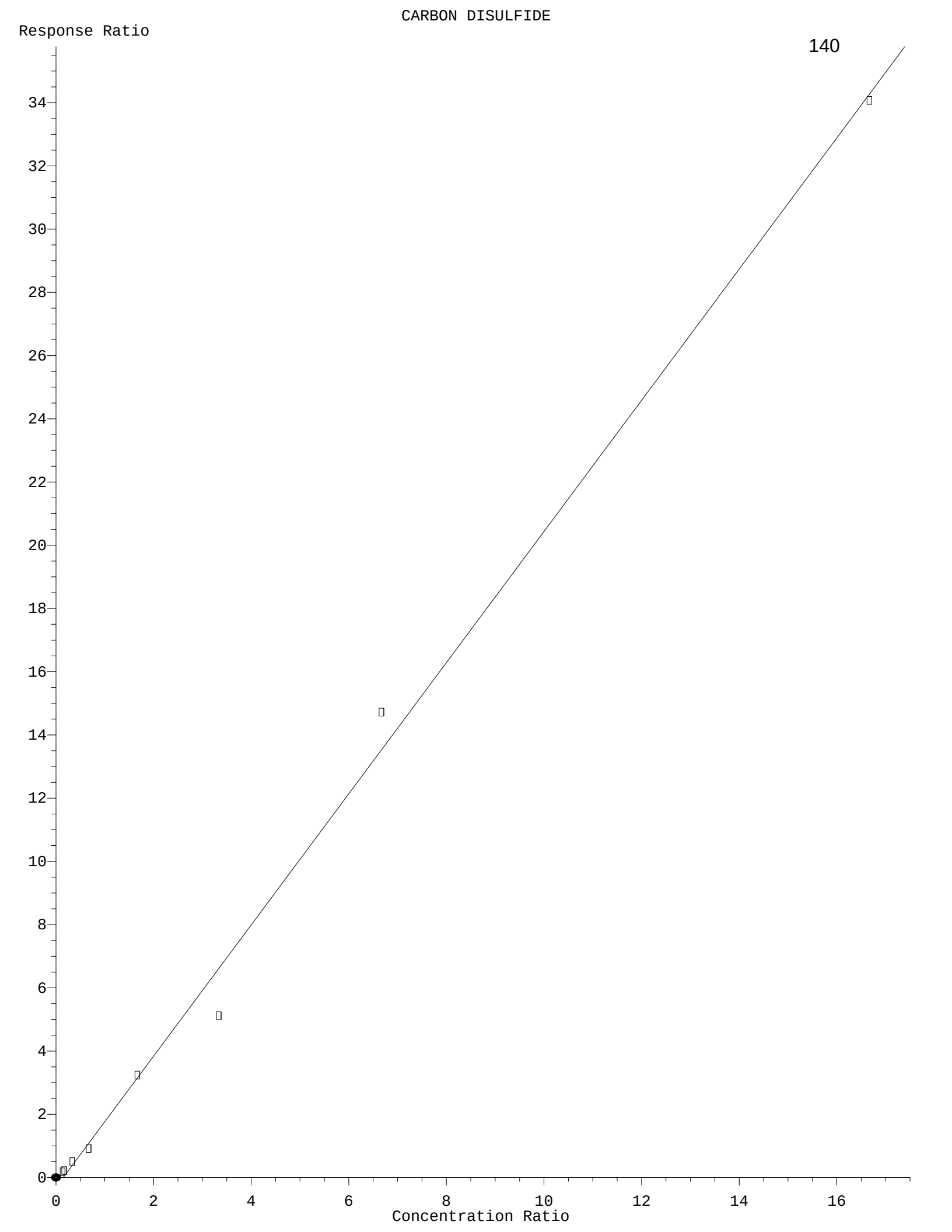

FLUORODICHLOROMETHANE
Response Ratio
135
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


ACROLEIN
Response Ratio
136
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
20
25
30
35
Concentration Ratio

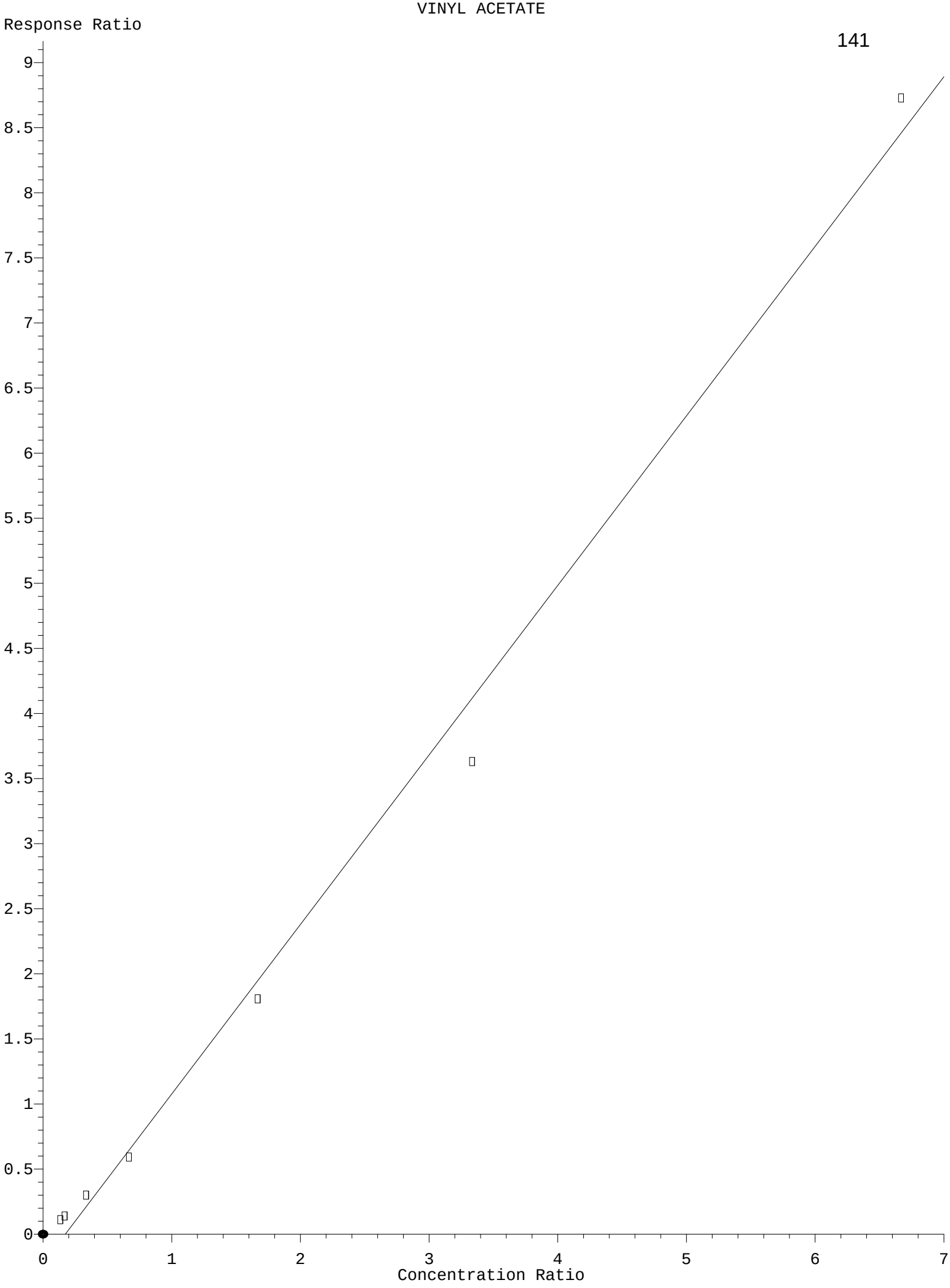

1,1-DICHLOROETHENE
Response Ratio
137
4.8
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

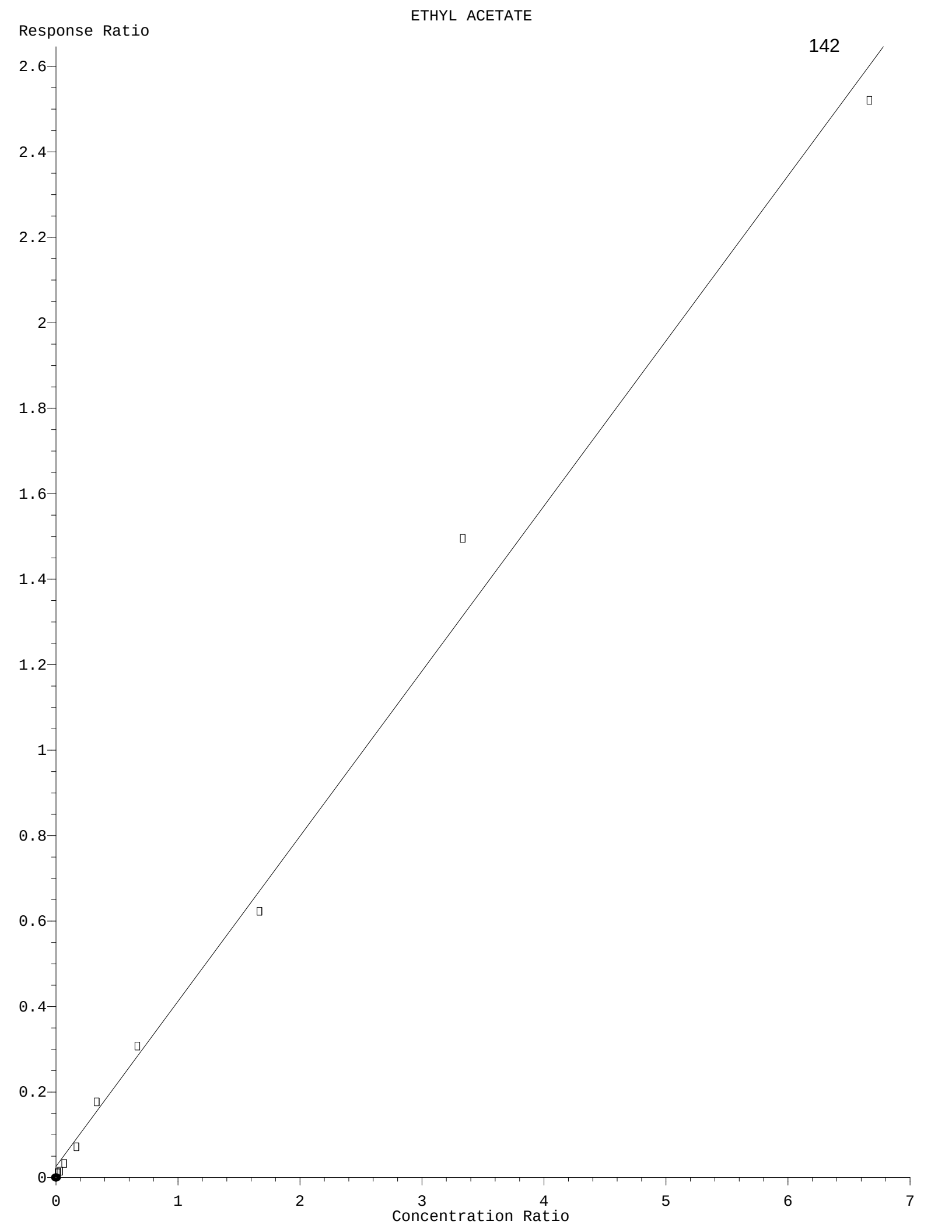

1,1,2-TRICL-1,2,2-TRIFLETHANE
Response Ratio
138
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

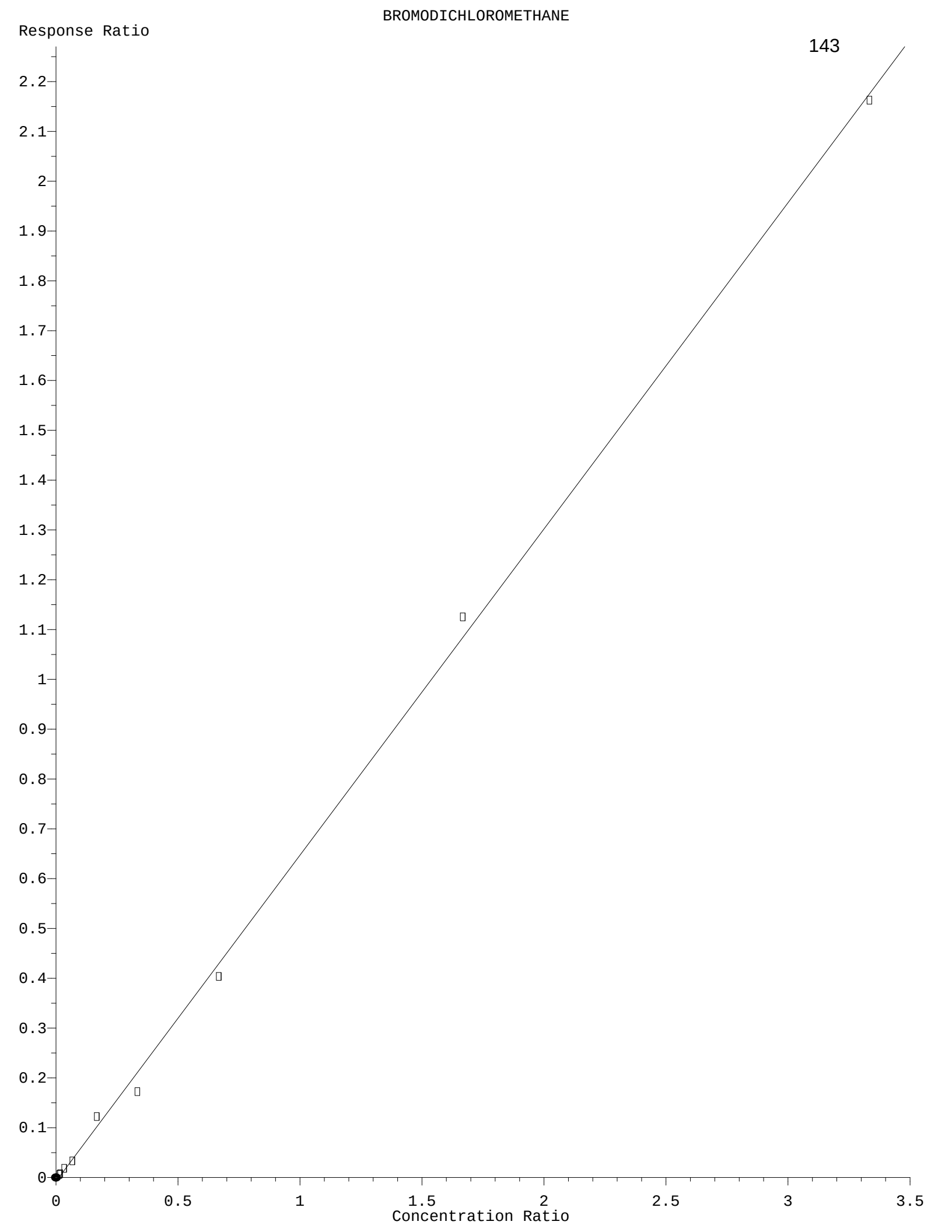

IODOMETHANE
Response Ratio
139
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

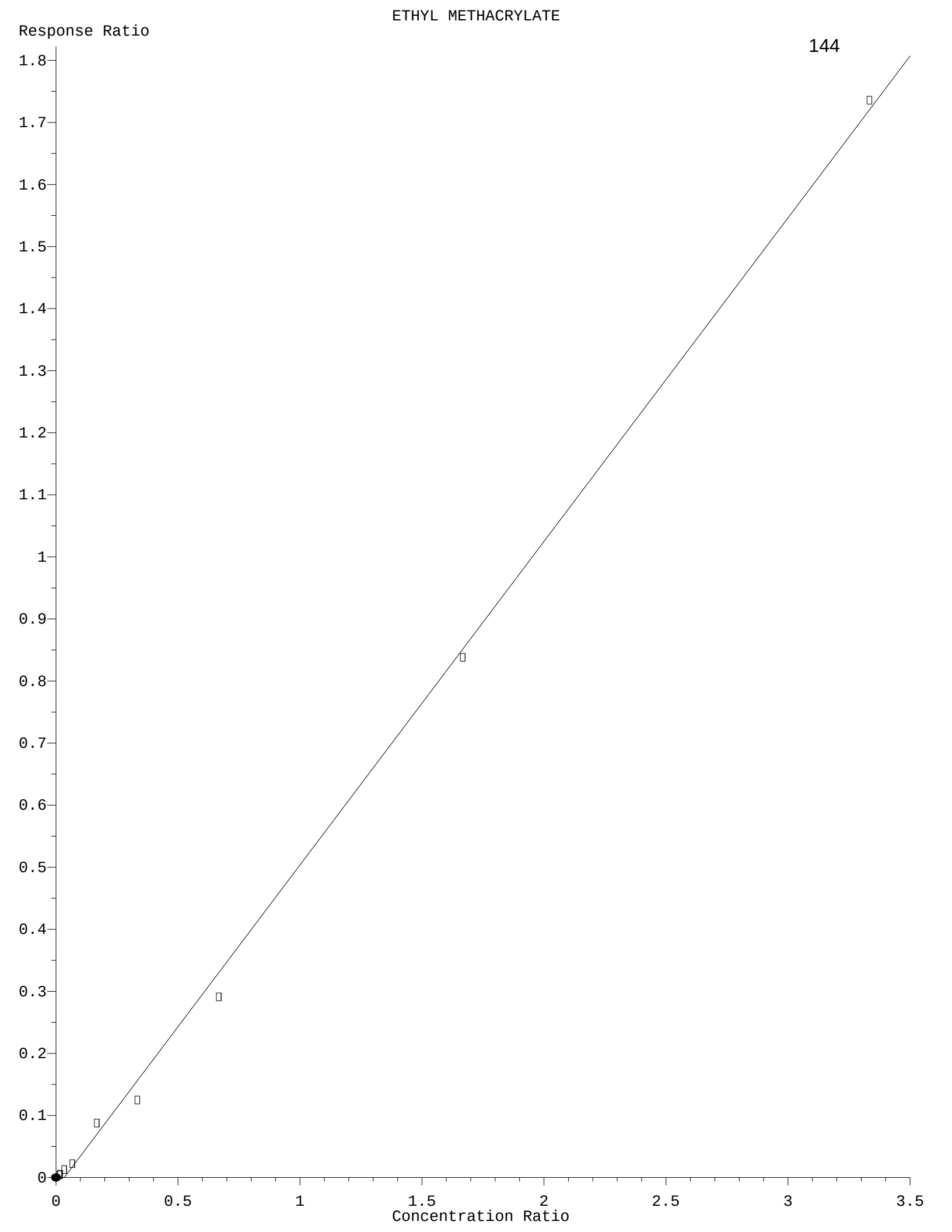

CARBON DISULFIDE
Response Ratio
140
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

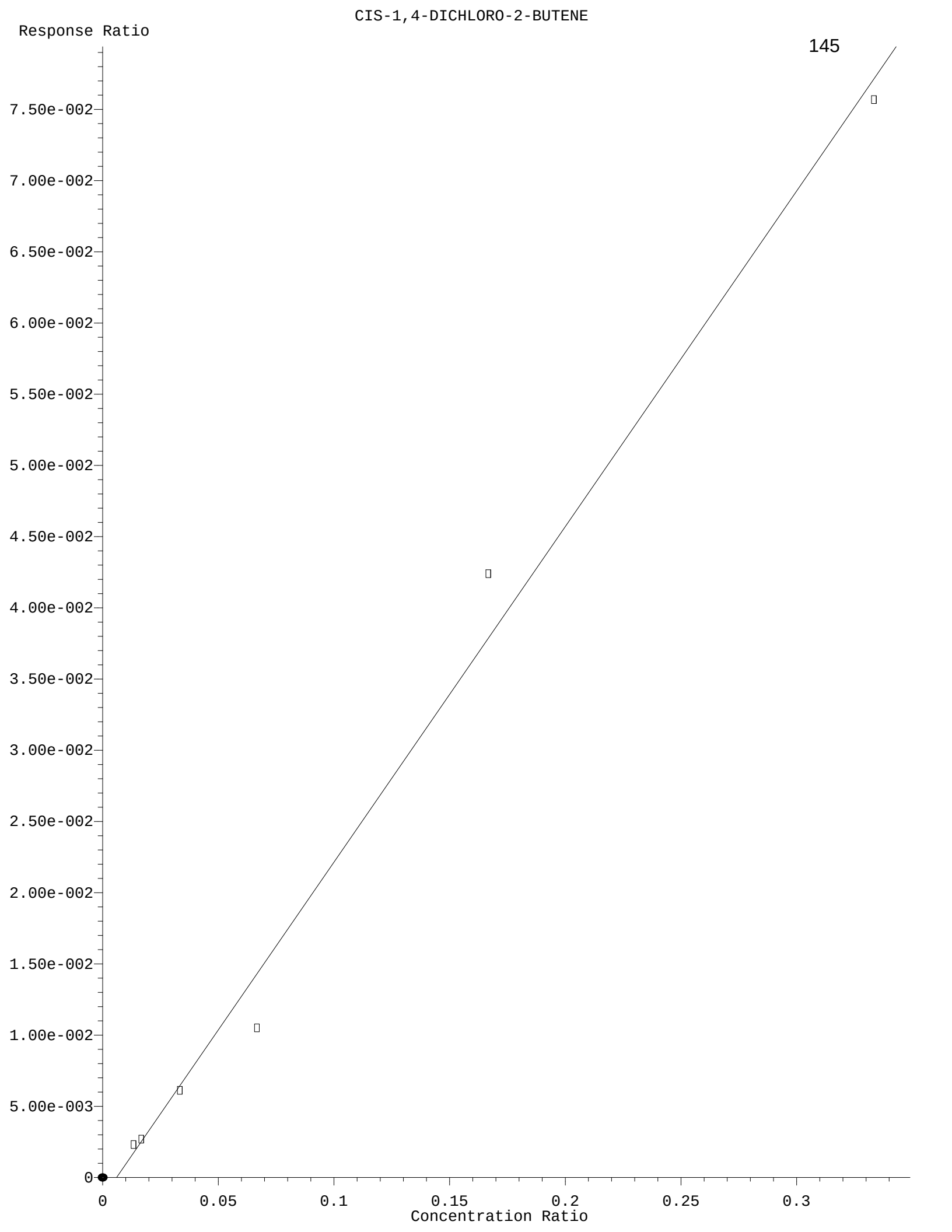
VINYL ACETATE

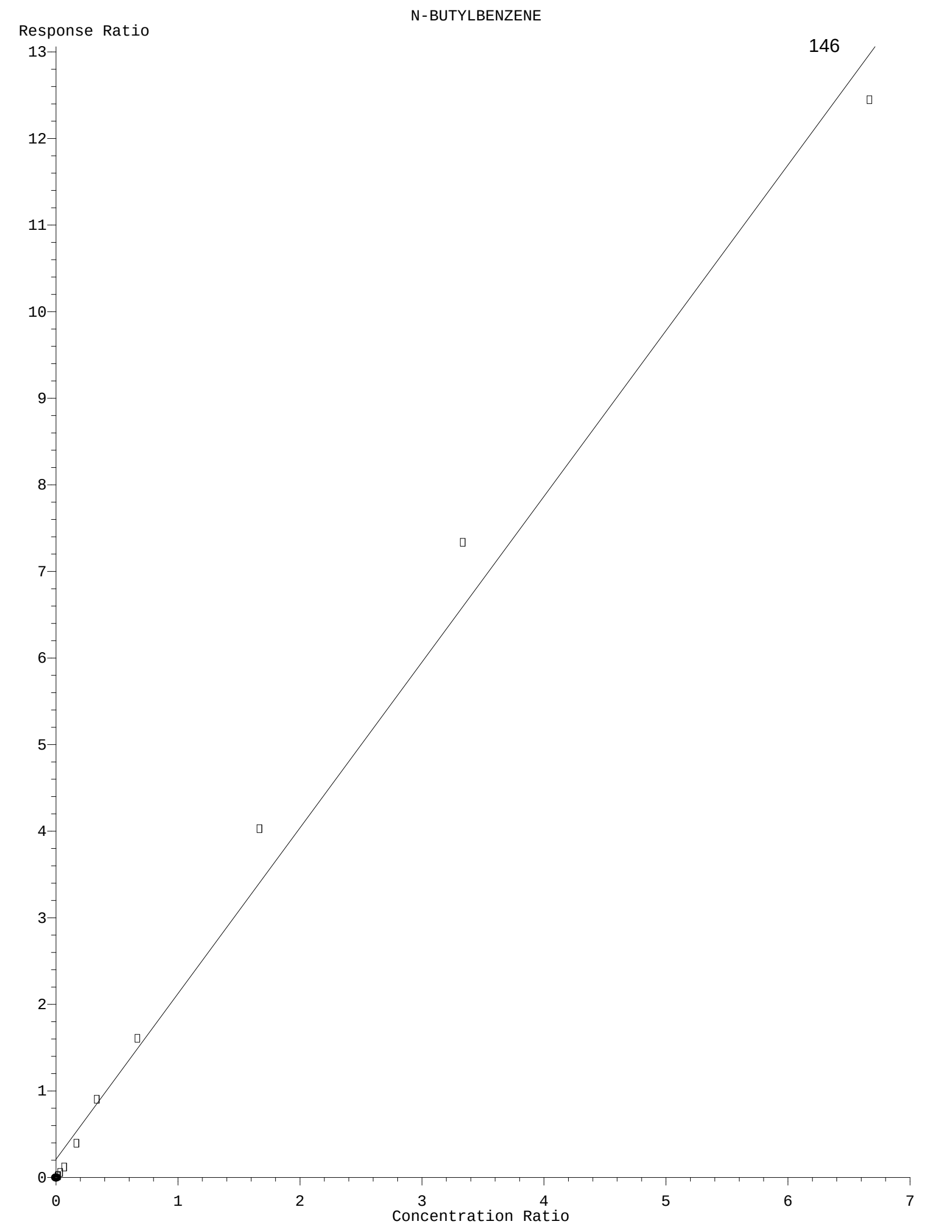


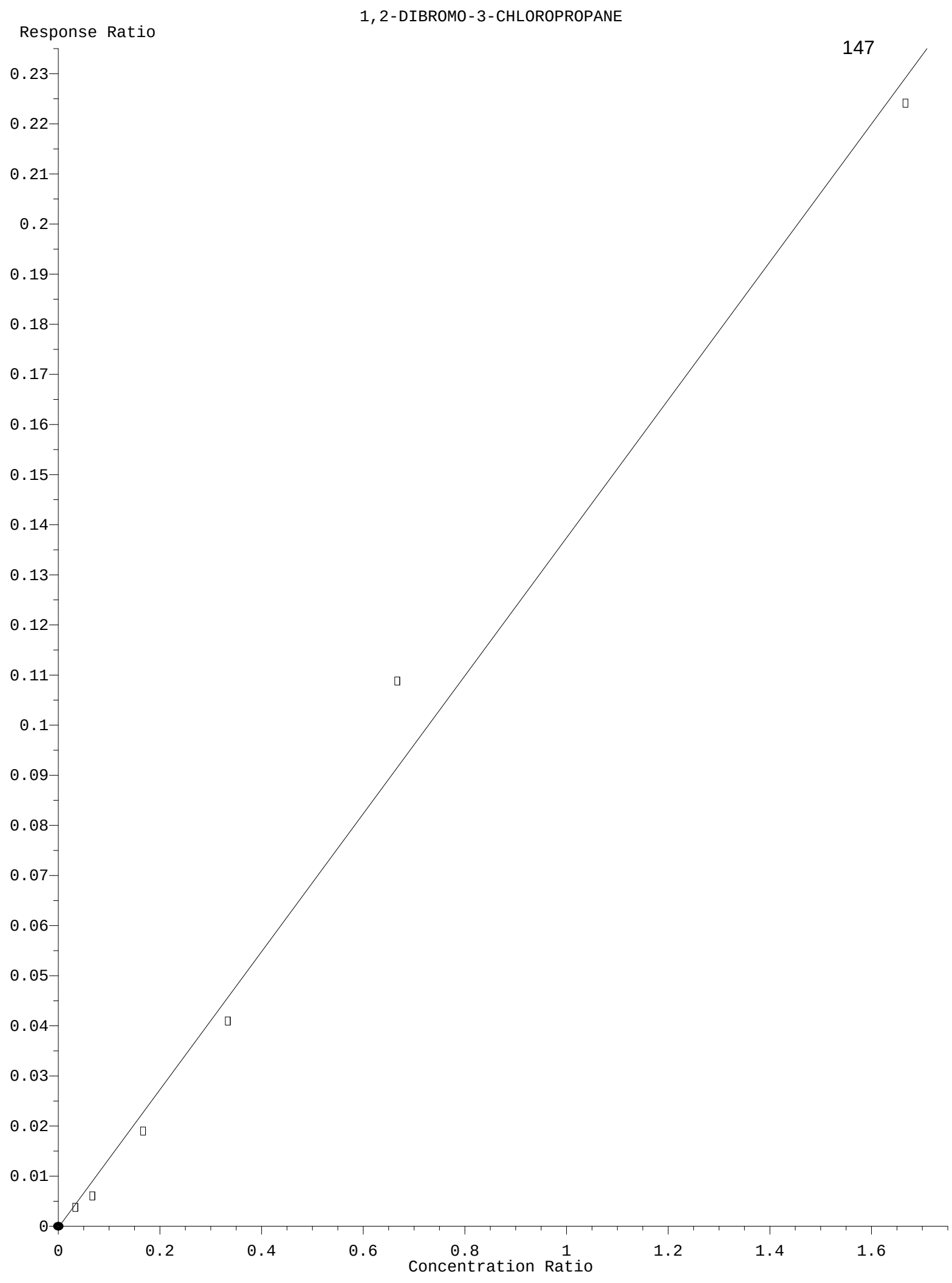

ETHYL ACETATE
Response Ratio
142
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
4
5
6
7
Concentration Ratio

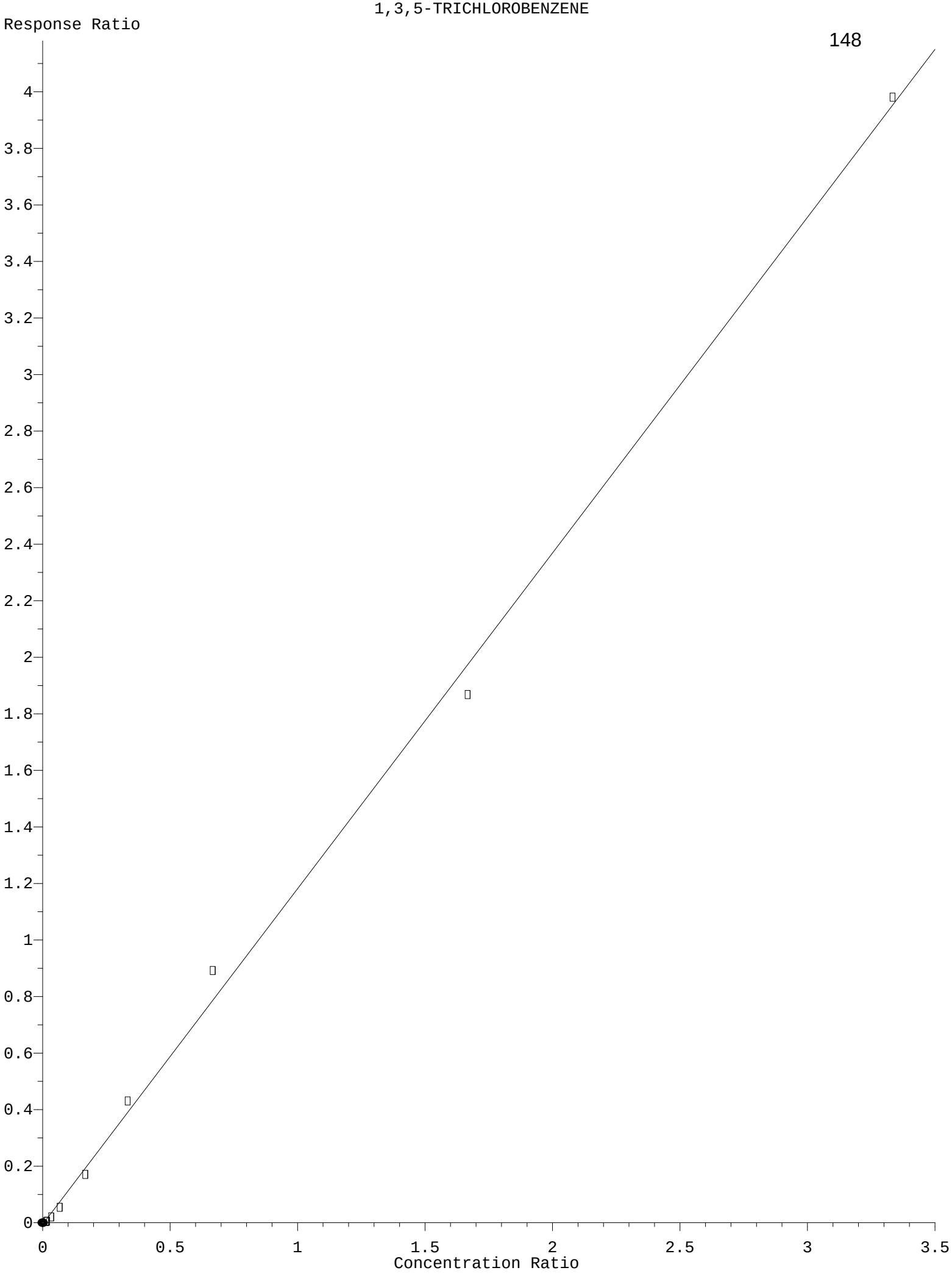

BROMODICHLOROMETHANE
Response Ratio
143
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

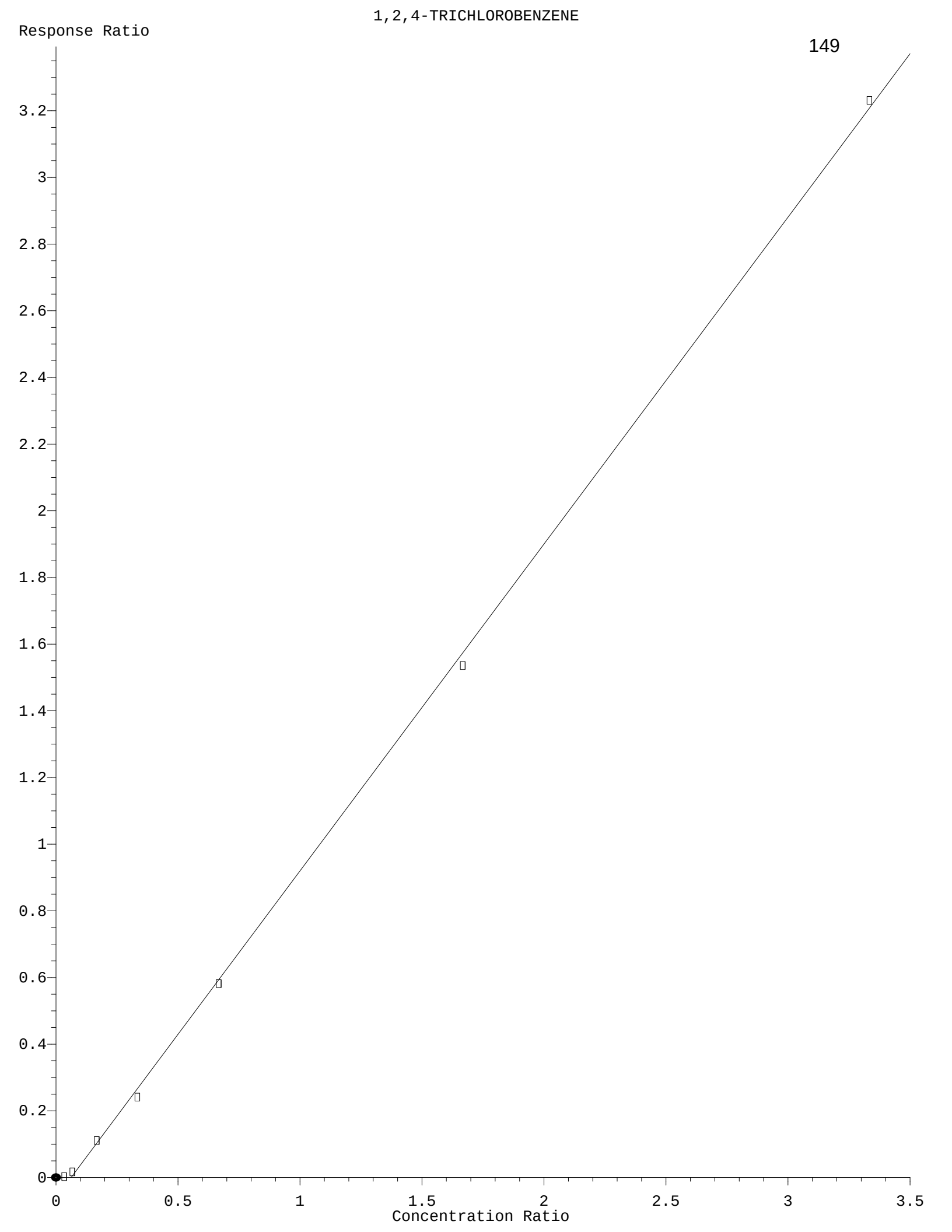

ETHYL METHACRYLATE
Response Ratio
144
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

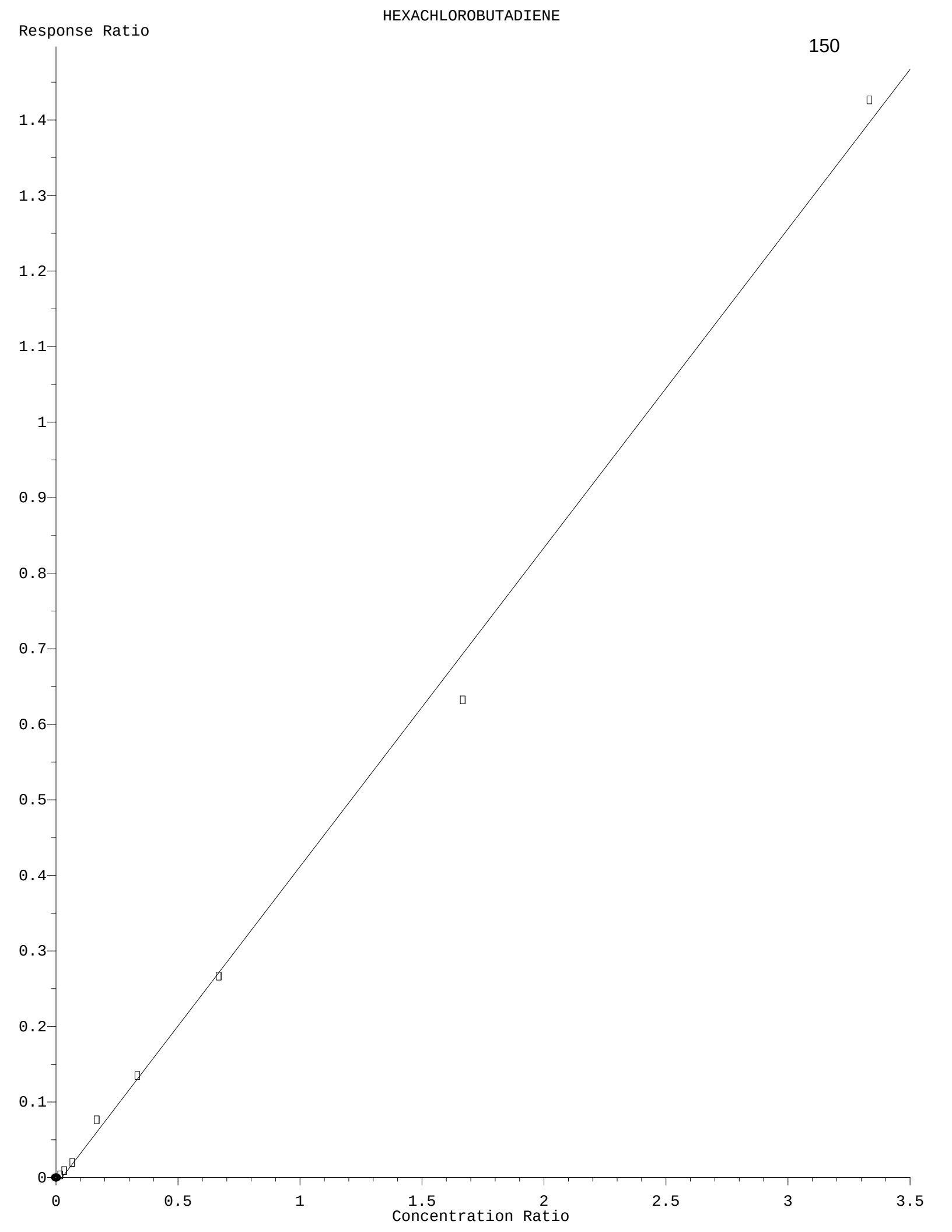

CIS-1,4-DICHLORO-2-BUTENE
Response Ratio
145
7.50e-002
7.00e-002
6.50e-002
6.00e-002
5.50e-002
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration Ratio

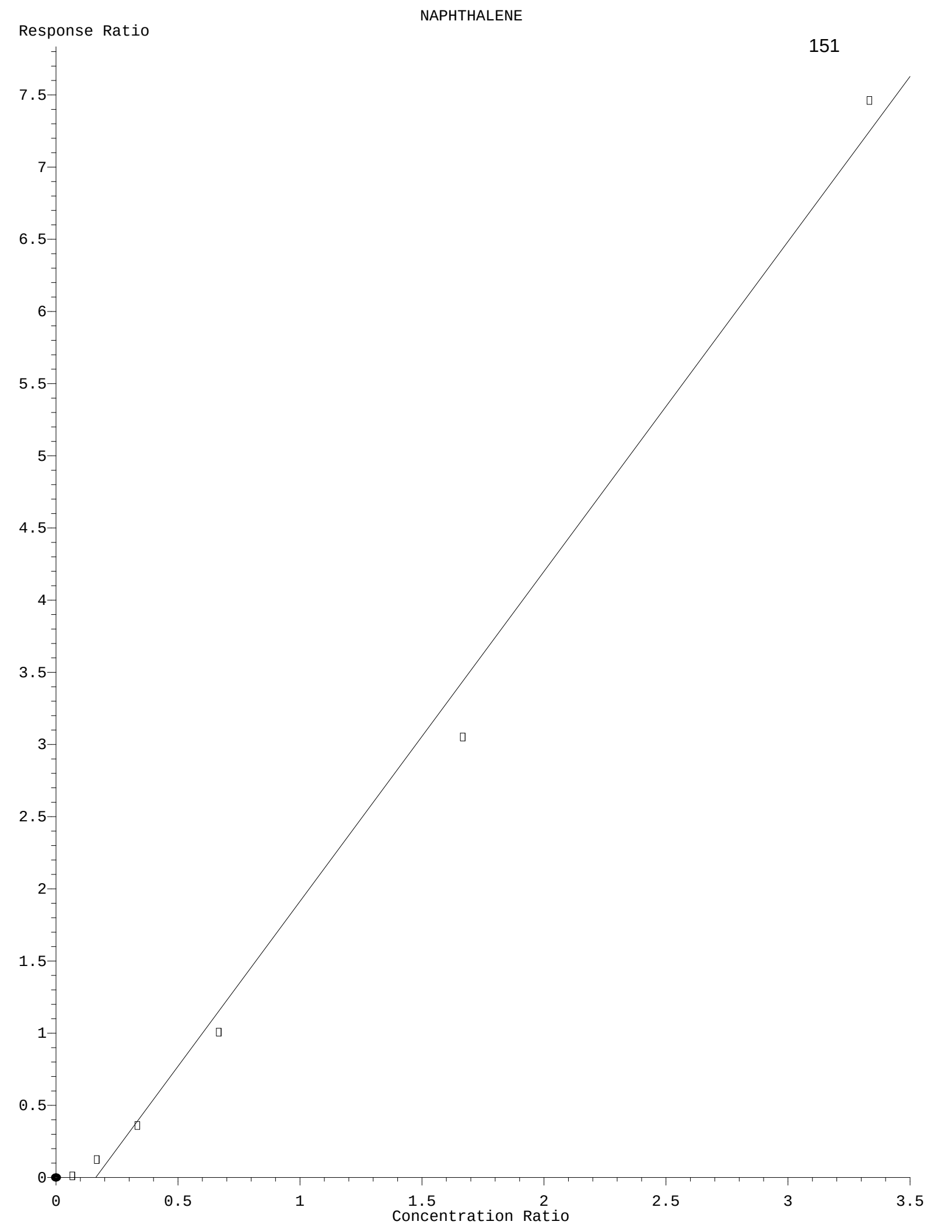

N-BUTYLBENZENE
Response Ratio
146
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
1
2
3
4
5
6
7
Concentration Ratio

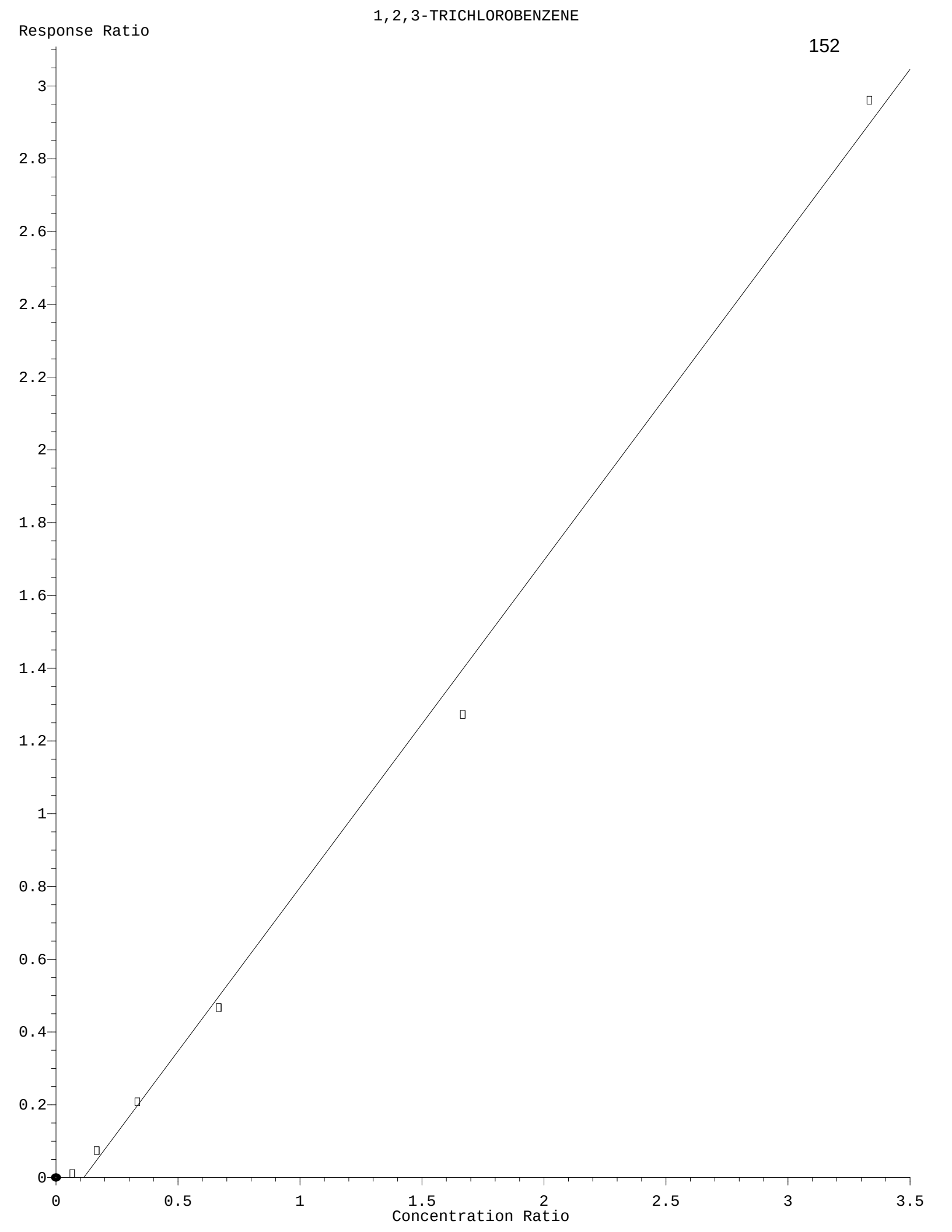

1,2-DIBROMO-3-CHLOROPROPANE
Response Ratio
0.23
0.22
0.21
0.2
0.19
0.18
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Concentration Ratio


1,3,5-TRICHLOROBENZENE
Response Ratio
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,4-TRICHLOROBENZENE
Response Ratio
149
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


HEXACHLOROBUTADIENE
Response Ratio
150
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

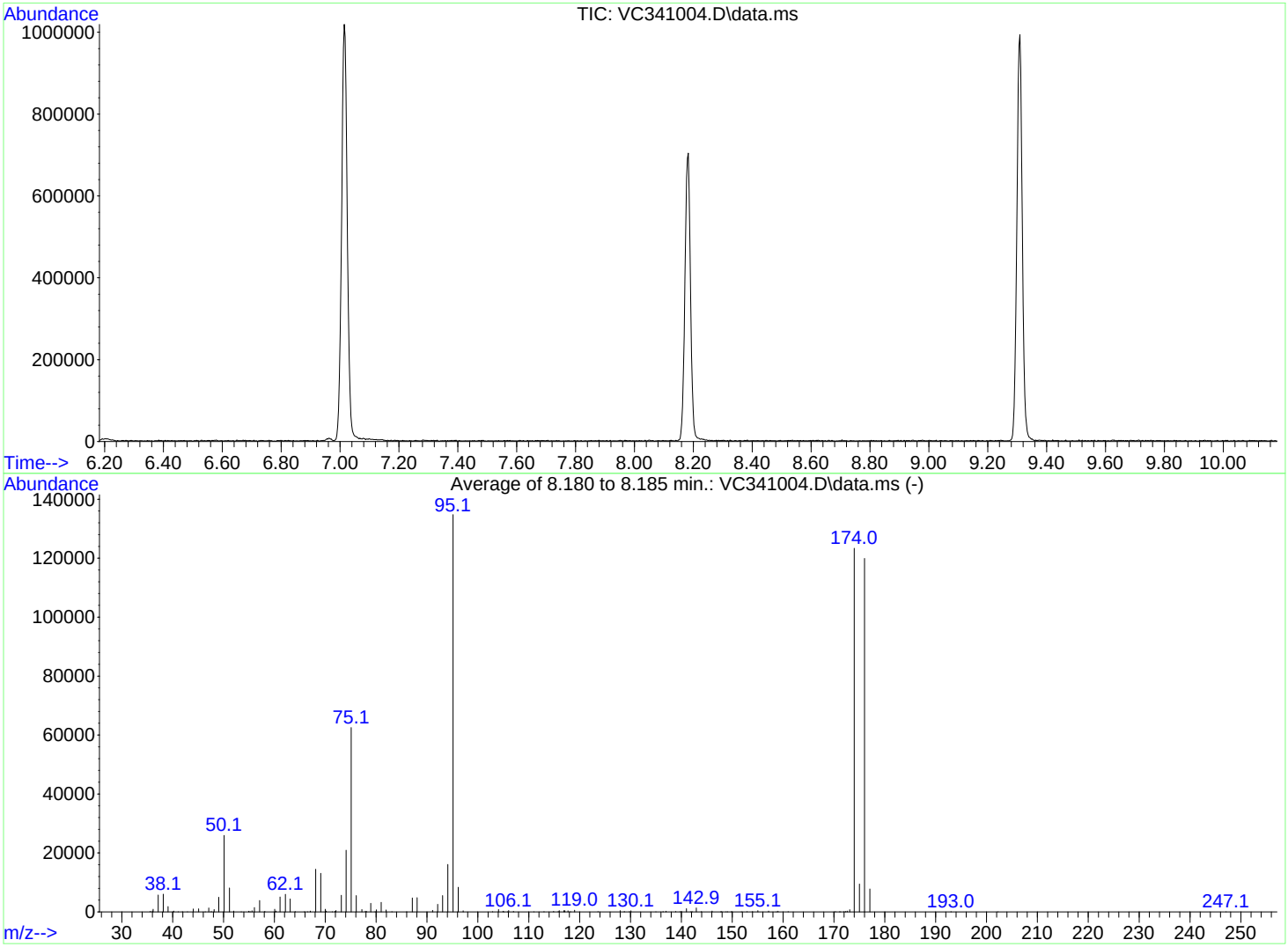

NAPHTHALENE
Response Ratio
151
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,3-TRICHLOROBENZENE
Response Ratio
152
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

Data Path : Y:\1\DATA\120711\
Data File : VC341004.D
Acq On : 7 Dec 2011 12:41 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2647, 2648, 2649; Background Corrected with Scan 2631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	25928	PASS
75	95	30	60	46.4	62565	PASS
95	95	100	100	100.0	134773	PASS
96	95	5	9	6.2	8351	PASS
173	174	0.00	2	0.6	763	PASS
174	95	50	100	91.5	123368	PASS
175	174	5	9	7.7	9444	PASS
176	174	95	101	97.2	119901	PASS
177	176	5	9	6.5	7799	PASS

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	337925	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	477740	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	227733	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	204496	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	164701	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
49) TOLUENE SS	5.606	98	463969	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	170599	21.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	3328	0.41	UG/L		93
4) DIFLUOROCHLOROMETHANE	0.874	51	3525	0.31	UG/L		95
5) CHLOROMETHANE	0.952	50	3064	0.29	UG/L		96
6) VINYL CHLORIDE	0.999	62	3548	0.33	UG/L		92
7) BROMOMETHANE	1.147	94	2951	Below Cal			83
8) CHLOROETHANE	1.192	64	1961	0.31	UG/L	#	83
9) FLUORODICHLOROMETHANE	1.281	67	4987	0.31	UG/L	#	87
10) TRICHLOROFLUOROMETHANE	1.312	101	4017	0.32	UG/L		96
11) ETHANOL	1.454	45	1595	Below Cal		#	62
12) DI ETHYL ETHER	1.451	59	2235	0.35	UG/L		90
13) ACROLEIN	1.512	56	998m	1.81	UG/L		
14) ACETONE	1.602	43	7002	2.98	UG/L		100
15) 1,1-DICHLOROETHENE	1.568	61	3811	0.29	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2164	0.30	UG/L	#	53
17) IODOMETHANE	1.655	142	11493	Below Cal		#	100
20) METHYL ACETATE	1.788	43	5122	0.28	UG/L	#	86
21) T-BUTYL ALCOHOL	1.933	59	1990m	3.26	UG/L		
22) ACRYLONITRILE	2.014	53	1047m	0.31	UG/L		
23) METHYLENE CHLORIDE	1.850	49	11571	Below Cal		#	81
24) CARBON DISULFIDE	1.694	76	60558	2.77	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	6714	0.31	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.020	61	3811	0.31	UG/L		90
27) 1,1-DICHLOROETHANE	2.329	63	5020	Below Cal		#	78
28) VINYL ACETATE	2.377	43	37564	2.69	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	8867m	0.34	UG/L		
31) 2-BUTANONE	2.868	43	9243m	3.17	UG/L		
32) T-BUTYL ETHYL ETHER	2.711	59	8294m	0.37	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.837	61	4526m	0.40	UG/L		
34) 2,2-DICHLOROPROPANE	2.826	77	2431m	0.33	UG/L		
35) ETHYL ACETATE	2.943	43	3638	0.01	UG/L	#	71
38) BROMOCHLOROMETHANE	3.082	49	2248	0.35	UG/L	#	70
40) CHLOROFORM	3.183	83	4739m	0.40	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.342	97	3433	0.35	UG/L	#	56
42) CYCLOHEXANE	3.406	56	9850	0.90	UG/L	#	68
43) CARBON TETRACHLORIDE	3.515	117	2970m	0.37	UG/L		
44) 1,1-DICHLOROPROPENE	3.520	75	3888	Below Cal		#	60
45) BENZENE	3.721	78	10358	0.45	UG/L	#	1
47) T-AMYLMETHYL ETHER	3.869	73	5840m	0.40	UG/L		
50) 1,2-DICHLOROETHANE	3.752	62	3603	0.33	UG/L	#	79
51) TRICHLOROETHENE	4.387	95	3076	0.46	UG/L	#	50
52) METHYLCYCLOHEXANE	4.566	83	3451m	0.42	UG/L		
53) 1,2-DICHLOROPROPANE	4.608	63	2499	0.38	UG/L	#	70
54) DIBROMOMETHANE	4.722	93	1800	0.43	UG/L		92
57) BROMODICHLOROMETHANE	4.909	83	2966	0.34	UG/L	#	87
58) 2-CHLOROETHYLVINYLETHER	5.241	63	12658	3.51	UG/L		92

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

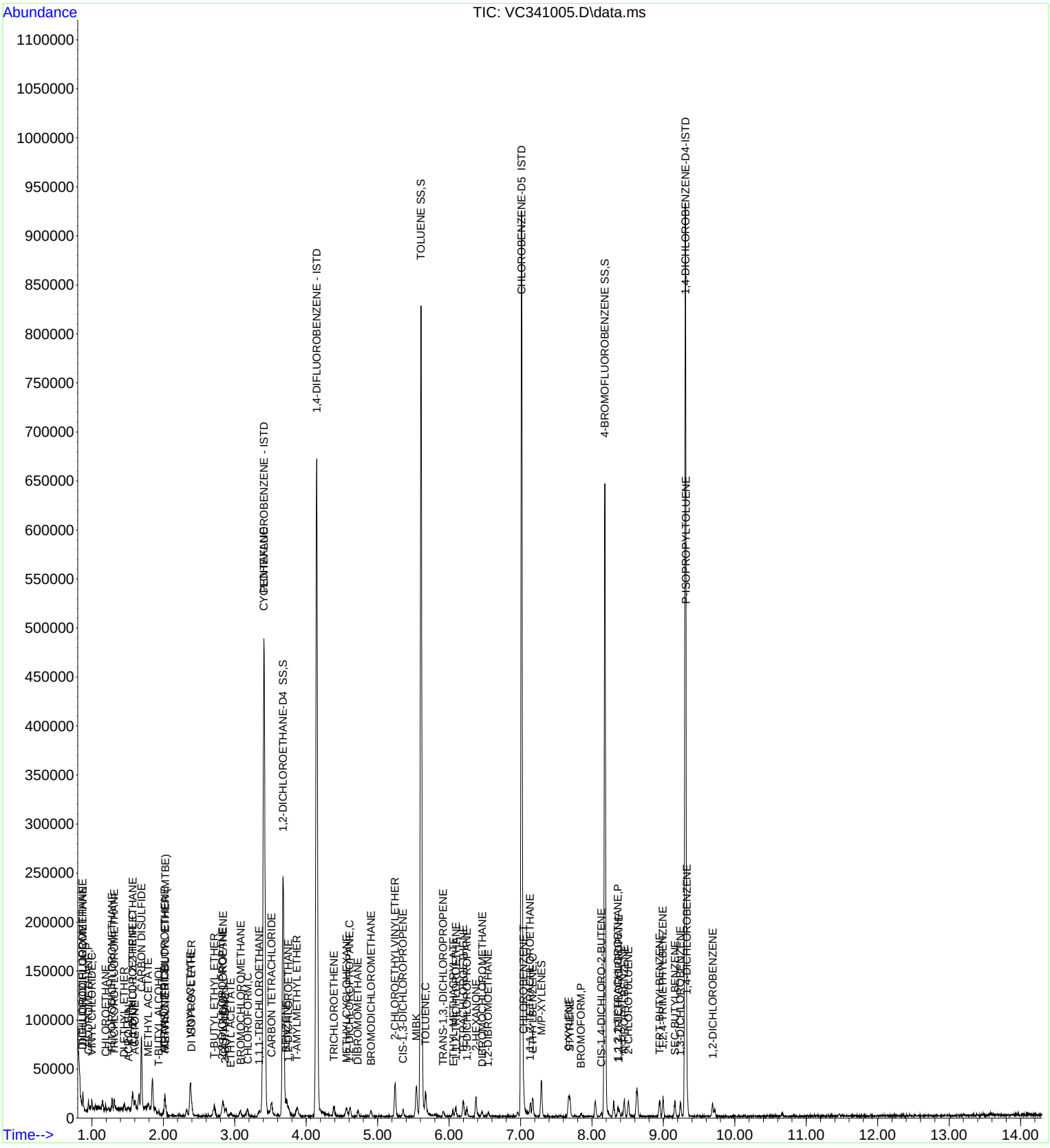
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	18871	3.15 UG/L #	92
60) CIS-1,3-DICHLOROPROPENE	5.355	75	3178	0.36 UG/L	97
61) TOLUENE	5.667	91	10520	0.42 UG/L	93
62) TRANS-1,3,-DICHLOROPRO...	5.916	75	2452	0.38 UG/L #	53
63) ETHYL METHACRYLATE	6.061	69	1988m	0.32 UG/L	
64) 1,1,2-TRICHLOROETHANE	6.097	97	2283m	0.42 UG/L	
65) 2-HEXANONE	6.378	43	9982	2.72 UG/L	95
66) TETRACHLOROETHENE	6.200	166	2805	0.42 UG/L	96
67) 1,3-DICHLOROPROPANE	6.250	76	3313	0.37 UG/L #	79
68) DIBROMOCHLOROMETHANE	6.465	129	1928	0.30 UG/L #	76
69) 1,2-DIBROMOETHANE	6.546	107	2180m	0.38 UG/L	
72) CHLOROBENZENE	7.042	112	7302	0.43 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.131	131	2357m	0.42 UG/L	
74) ETHYLBENZENE	7.170	91	11311	0.41 UG/L	100
75) M/P-XYLENES	7.293	91	17679	0.82 UG/L	97
76) 0-XYLENE	7.672	91	8856	0.38 UG/L	100
77) STYRENE	7.692	104	6659	0.35 UG/L #	66
78) BROMOFORM	7.845	173	1376m	0.53 UG/L	
79) ISOPROPYLBENZENE	8.049	105	8517	Below Cal	97
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	527m	0.43 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	2881	0.07 UG/L #	92
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	541m	Below Cal	
83) BROMOBENZENE	8.303	77	5062	Below Cal	85
84) 1,2,3-TRICHLOROPROPANE	8.378	75	1952m	0.56 UG/L	
85) N-PROPYLBENZENE	8.453	91	10672	0.66 UG/L	94
86) 2-CHLOROT0LUENE	8.512	91	7695	0.70 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	8161	Below Cal	96
88) 4-CHLOROTOLUENE	8.621	91	8827	Below Cal	96
90) TERT-BUTYLBENZENE	8.947	119	6382	0.40 UG/L	90
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	7666	0.38 UG/L	99
92) SEC-BUTYLBENZENE	9.162	105	8864	0.41 UG/L	95
93) 1,3-DICHLOROBENZENE	9.237	146	4898	0.42 UG/L	93
94) P-ISOPROPYLTOLUENE	9.318	119	6189	0.35 UG/L #	88
95) 1,4-DICHLOROBENZENE	9.329	146	5214	0.43 UG/L #	78
96) N-BUTYLBENZENE	9.716	91	3519	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.691	146	4317	0.40 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.667	180	837m	Below Cal	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	326702	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	462778	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	216195	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	193036	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	156171	24.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.36%				
49) TOLUENE SS	5.609	98	456248	25.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	158410	21.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	3588	0.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	4866	0.45	UG/L		94
5) CHLOROMETHANE	0.954	50	3827	0.37	UG/L		93
6) VINYL CHLORIDE	1.002	62	4227	0.41	UG/L		94
7) BROMOMETHANE	1.152	94	5170	Below Cal		#	74
8) CHLOROETHANE	1.192	64	2231	0.37	UG/L		90
9) FLUORODICHLOROMETHANE	1.281	67	6042	0.39	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.311	101	4851	0.40	UG/L		92
12) DI ETHYL ETHER	1.451	59	2200	0.36	UG/L	#	65
13) ACROLEIN	1.521	56	1339	2.52	UG/L		99
14) ACETONE	1.601	43	9121	4.02	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	4551m	0.36	UG/L		
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2431	0.35	UG/L		84
17) IODOMETHANE	1.657	142	19691	0.01	UG/L	#	100
20) METHYL ACETATE	1.786	43	6666	0.37	UG/L	#	77
21) T-BUTYL ALCOHOL	1.925	59	2406m	4.08	UG/L		
22) ACRYLONITRILE	2.006	53	1412	0.44	UG/L	#	8
23) METHYLENE CHLORIDE	1.847	49	14713	Below Cal		#	85
24) CARBON DISULFIDE	1.693	76	72655	3.44	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.031	73	8641m	0.41	UG/L		
26) TRANS 1,2-DICHLOROETHENE	2.023	61	4521	0.38	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	5463	Below Cal		#	87
28) VINYL ACETATE	2.377	43	45604	3.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	10324	0.41	UG/L	#	84
31) 2-BUTANONE	2.876	43	11311m	4.02	UG/L		
32) T-BUTYL ETHYL ETHER	2.703	59	9702	0.45	UG/L	#	50
33) CIS-1,2-DICHLOROETHENE	2.842	61	5277	0.48	UG/L		90
34) 2,2-DICHLOROPROPANE	2.834	77	3433m	0.48	UG/L		
35) ETHYL ACETATE	2.951	43	4258m	0.14	UG/L		
38) BROMOCHLOROMETHANE	3.085	49	2799m	0.45	UG/L		
39) TETRAHYDROFURAN	3.144	42	1061m	0.54	UG/L		
40) CHLOROFORM	3.174	83	5900m	0.51	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.344	97	4178	0.44	UG/L	#	69
42) CYCLOHEXANE	3.411	56	10871	1.03	UG/L	#	66
43) CARBON TETRACHLORIDE	3.501	117	3639m	0.47	UG/L		
44) 1,1-DICHLOROPROPENE	3.514	75	4316	Below Cal		#	81
45) BENZENE	3.724	78	12439	0.56	UG/L	#	86
47) T-AMYLMETHYL ETHER	3.874	73	7168m	0.50	UG/L		
50) 1,2-DICHLOROETHANE	3.754	62	4840	0.45	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	2738	0.42	UG/L	#	79
52) METHYLCYCLOHEXANE	4.563	83	4200m	0.53	UG/L		
53) 1,2-DICHLOROPROPANE	4.619	63	3222	0.51	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	2243m	0.56	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	3556	0.42	UG/L	#	96
58) 2-CHLOROETHYLVINYLETHER	5.243	63	14408	4.13	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

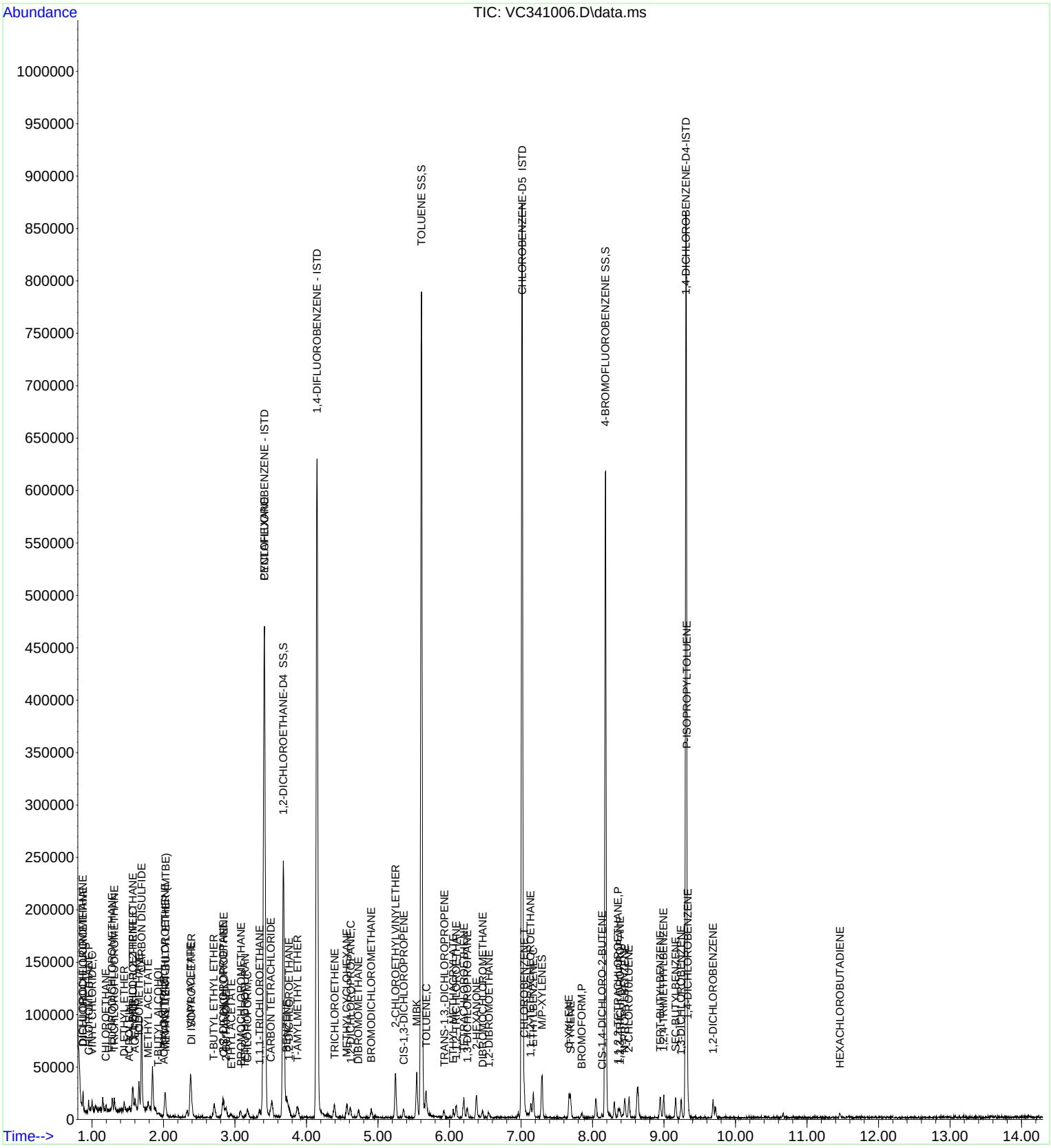
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	23542	4.06 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.361	75	3315	0.39 UG/L #	54
61) TOLUENE	5.676	91	12312	0.51 UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	5.929	75	2758	0.44 UG/L #	53
63) ETHYL METHACRYLATE	6.052	69	2456	0.40 UG/L #	66
64) 1,1,2-TRICHLOROETHANE	6.094	97	3099	0.59 UG/L	96
65) 2-HEXANONE	6.378	43	12753	3.59 UG/L	99
66) TETRACHLOROETHENE	6.203	166	3672	0.57 UG/L #	65
67) 1,3-DICHLOROPROPANE	6.250	76	4177	0.49 UG/L	96
68) DIBROMOCHLOROMETHANE	6.465	129	2445	0.39 UG/L	94
69) 1,2-DIBROMOETHANE	6.551	107	2390	0.44 UG/L #	54
72) CHLOROBENZENE	7.045	112	8368	0.52 UG/L #	83
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	2452	0.46 UG/L #	90
74) ETHYLBENZENE	7.173	91	13127	0.50 UG/L	98
75) M/P-XYLENES	7.296	91	20611	1.00 UG/L #	60
76) 0-XYLENE	7.670	91	9670	0.44 UG/L	100
77) STYRENE	7.695	104	6941	0.39 UG/L	97
78) BROMOFORM	7.851	173	1534m	0.57 UG/L	
79) ISOPROPYLBENZENE	8.049	105	10130	Below Cal #	80
80) CIS-1,4-DICHLORO-2-BUTENE	8.135	53	582m	0.46 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.356	83	3511	0.17 UG/L #	94
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	610m	Below Cal	
83) BROMOBENZENE	8.305	77	4946	Below Cal	95
84) 1,2,3-TRICHLOROPROPANE	8.386	75	2569	0.64 UG/L #	74
85) N-PROPYLBENZENE	8.450	91	12666	0.72 UG/L	100
86) 2-CHLOROT0LUENE	8.509	91	8760	0.75 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	8936	Below Cal	97
88) 4-CHLOROTOLUENE	8.623	91	10136	Below Cal #	88
90) TERT-BUTYLBENZENE	8.950	119	7801	0.51 UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	8922	0.46 UG/L	98
92) SEC-BUTYLBENZENE	9.161	105	10145	0.49 UG/L	98
93) 1,3-DICHLOROBENZENE	9.237	146	5710	0.51 UG/L	95
94) P-ISOPROPYLTOLUENE	9.320	119	8211	0.50 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	5278	0.46 UG/L	97
96) N-BUTYLBENZENE	9.722	91	4605	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.686	146	4724	0.46 UG/L #	92
99) 1,3,5-TRICHLOROBENZENE	10.667	180	1041	Below Cal	99
101) HEXACHLOROBUTADIENE	11.462	225	675	0.30 UG/L #	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	298073	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	387805	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	201135	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	185383	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	137505	23.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.96%				
49) TOLUENE SS	5.606	98	402487	26.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.32%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	155659	22.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.96%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	6764	0.94	UG/L		89
4) DIFLUOROCHLOROMETHANE	0.876	51	8075	0.81	UG/L		95
5) CHLOROMETHANE	0.949	50	7491	0.80	UG/L		99
6) VINYL CHLORIDE	1.002	62	8113	0.87	UG/L		94
7) BROMOMETHANE	1.147	94	7196	0.45	UG/L		98
8) CHLOROETHANE	1.197	64	4449	0.80	UG/L		94
9) FLUORODICHLOROMETHANE	1.284	67	12002	0.85	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.309	101	8870	0.79	UG/L		92
12) DI ETHYL ETHER	1.451	59	5078	0.91	UG/L	#	85
13) ACROLEIN	1.515	56	2388	4.92	UG/L		98
14) ACETONE	1.599	43	15854	7.65	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	9804	0.85	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	5445	0.85	UG/L		99
17) IODOMETHANE	1.657	142	46115	2.90	UG/L	#	100
20) METHYL ACETATE	1.786	43	11214	0.69	UG/L	#	88
21) T-BUTYL ALCOHOL	1.931	59	3387	6.29	UG/L	#	95
22) ACRYLONITRILE	2.006	53	2426	0.82	UG/L	#	74
23) METHYLENE CHLORIDE	1.847	49	19699	Below Cal		#	85
24) CARBON DISULFIDE	1.694	76	149182	7.74	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	16396	0.85	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.023	61	9572	0.89	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	10960	Below Cal		#	92
28) VINYL ACETATE	2.377	43	89551	7.28	UG/L	#	100
29) DI ISOPROYL ETHER	2.385	45	20432m	0.90	UG/L		
31) 2-BUTANONE	2.870	43	21416	8.34	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	17604	0.89	UG/L	#	81
33) CIS-1,2-DICHLOROETHENE	2.837	61	10915	1.10	UG/L	#	84
34) 2,2-DICHLOROPROPANE	2.829	77	5180	0.79	UG/L	#	77
35) ETHYL ACETATE	2.943	43	4413	0.24	UG/L	#	71
38) BROMOCHLOROMETHANE	3.074	49	5734	1.00	UG/L	#	85
39) TETRAHYDROFURAN	3.141	42	1372m	0.77	UG/L		
40) CHLOROFORM	3.174	83	10412	0.98	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.336	97	7941	0.92	UG/L		94
42) CYCLOHEXANE	3.397	56	14905	1.54	UG/L	#	73
43) CARBON TETRACHLORIDE	3.503	117	6737	0.95	UG/L		89
44) 1,1-DICHLOROPROPENE	3.517	75	7429m	Below Cal			
45) BENZENE	3.724	78	21243	1.04	UG/L		95
47) T-AMYLMETHYL ETHER	3.869	73	12287	0.95	UG/L	#	74
50) 1,2-DICHLOROETHANE	3.754	62	8837	0.99	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	5622	1.03	UG/L		91
52) METHYLCYCLOHEXANE	4.560	83	6700	1.02	UG/L		96
53) 1,2-DICHLOROPROPANE	4.610	63	5454	1.03	UG/L	#	91
54) DIBROMOMETHANE	4.725	93	3481	1.03	UG/L		91
57) BROMODICHLOROMETHANE	4.903	83	7113	1.00	UG/L	#	94
58) 2-CHLOROETHYLVINYLETHER	5.243	63	26911	9.20	UG/L		93

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

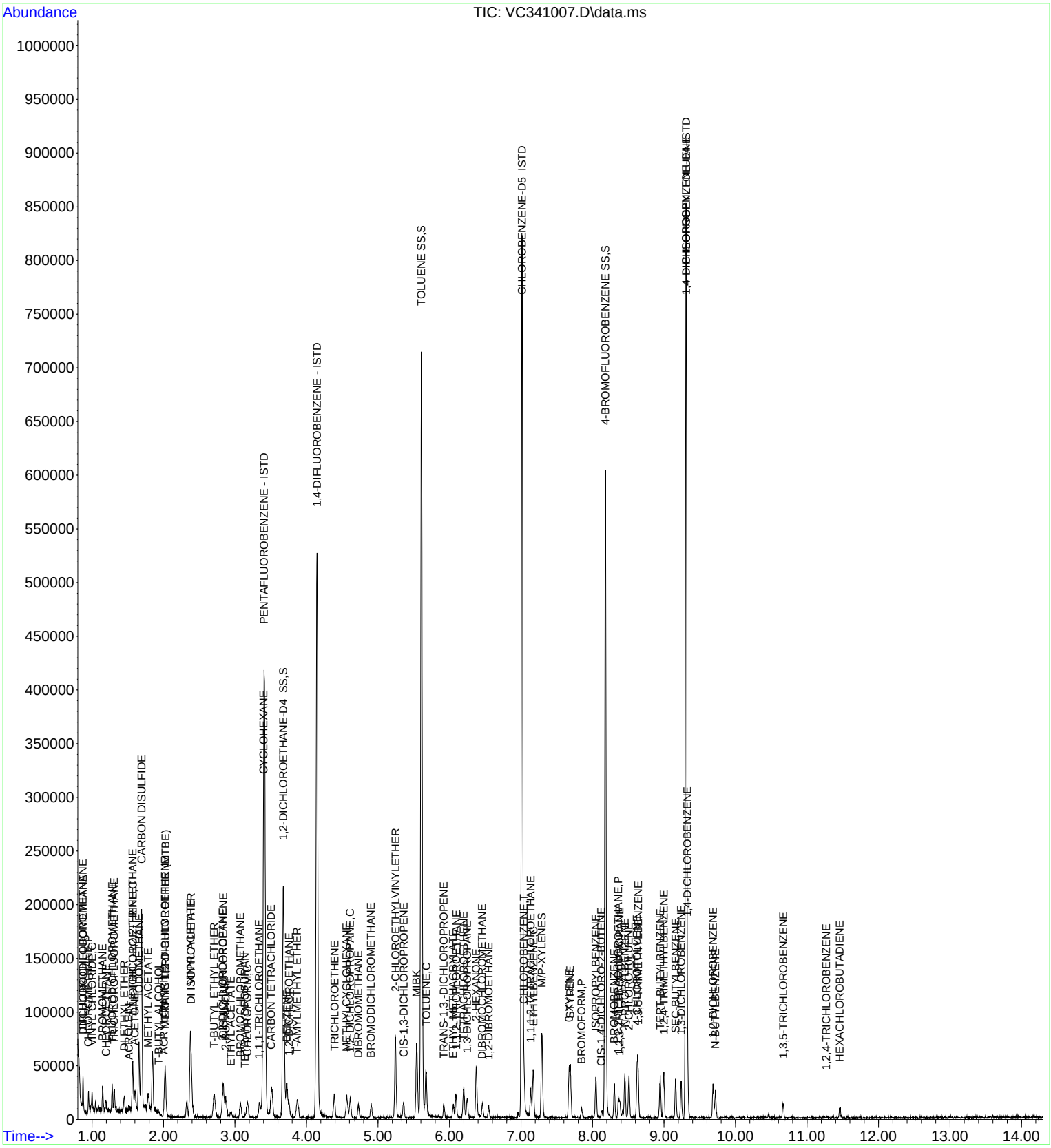
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59)	MIBK	5.539	43	40809	8.40	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	6306	0.88	UG/L	#	88
61)	TOLUENE	5.676	91	24284	1.20	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	4398	0.84	UG/L	#	88
63)	ETHYL METHACRYLATE	6.052	69	4943	0.97	UG/L		90
64)	1,1,2-TRICHLOROETHANE	6.094	97	4793	1.10	UG/L		95
65)	2-HEXANONE	6.373	43	26184	8.79	UG/L		96
66)	TETRACHLOROETHENE	6.200	166	6173	1.14	UG/L		96
67)	1,3-DICHLOROPROPANE	6.247	76	7687	1.07	UG/L		92
68)	DIBROMOCHLOROMETHANE	6.457	129	5427	1.04	UG/L		99
69)	1,2-DIBROMOETHANE	6.549	107	5031	1.09	UG/L		99
72)	CHLOROBENZENE	7.039	112	15564	1.04	UG/L		93
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	4894	0.98	UG/L	#	87
74)	ETHYLBENZENE	7.173	91	25834	1.06	UG/L		99
75)	M/P-XYLENES	7.290	91	38769	2.03	UG/L		99
76)	0-XYLENE	7.672	91	20717	1.00	UG/L		100
77)	STYRENE	7.689	104	15624	0.94	UG/L		100
78)	BROMOFORM	7.845	173	3103	0.90	UG/L	#	92
79)	ISOPROPYLBENZENE	8.046	105	19279	0.19	UG/L		97
80)	CIS-1,4-DICHLORO-2-BUTENE	8.121	53	1231m	0.71	UG/L		
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	5692	0.51	UG/L	#	94
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	1093	Below Cal		#	28
83)	BROMOBENZENE	8.303	77	9273	0.23	UG/L		99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	4213	0.88	UG/L	#	82
85)	N-PROPYLBENZENE	8.453	91	24934	1.02	UG/L		95
86)	2-CHLOROT0LUENE	8.509	91	17492	1.10	UG/L		98
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	18229	0.33	UG/L		94
88)	4-CHLOROTOLUENE	8.620	91	18587	0.04	UG/L		92
90)	TERT-BUTYLBENZENE	8.947	119	14325	0.98	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	9.000	105	18242	0.99	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	19799	1.00	UG/L		98
93)	1,3-DICHLOROBENZENE	9.240	146	10801	1.01	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.312	119	16042	1.01	UG/L	#	94
95)	1,4-DICHLOROBENZENE	9.326	146	11414	1.05	UG/L	#	92
96)	N-BUTYLBENZENE	9.716	91	10714	0.40	UG/L		94
97)	1,2-DICHLOROBENZENE	9.686	146	10590	1.07	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.469	75	697	Below Cal		#	1
99)	1,3,5-TRICHLOROBENZENE	10.667	180	3784	0.28	UG/L		91
100)	1,2,4-TRICHLOROBENZENE	11.270	180	483m	1.66	UG/L		
101)	HEXACHLOROBUTADIENE	11.459	225	1689	0.79	UG/L	#	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341007.D
Acq On : 7 Dec 2011 2:12 pm
Sample : 8260 STD 1.0 PPB
Misc :
Quant Time: Dec 08 07:12:06 2011

Vial: 7
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	357136	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	498814	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	217646	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	194349	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	170609	24.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%				
49) TOLUENE SS	5.606	98	471991	24.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	147646	19.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	13352	1.55	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	17199	1.44	UG/L	#	92
5) CHLOROMETHANE	0.952	50	14491	1.30	UG/L		96
6) VINYL CHLORIDE	1.002	62	16955	1.51	UG/L		97
7) BROMOMETHANE	1.147	94	14411	1.52	UG/L		95
8) CHLOROETHANE	1.195	64	8989	1.35	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	25660	1.52	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.309	101	20022	1.49	UG/L		99
11) ETHANOL	1.404	45	1637m	Below Cal			
12) DI ETHYL ETHER	1.448	59	10672	1.59	UG/L	#	86
13) ACROLEIN	1.515	56	6943	11.94	UG/L		99
14) ACETONE	1.604	43	33500	13.50	UG/L		100
15) 1,1-DICHLOROETHENE	1.571	61	21196	1.53	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	11751m	1.53	UG/L		
17) IODOMETHANE	1.657	142	129606	9.29	UG/L	#	100
20) METHYL ACETATE	1.786	43	25502	1.30	UG/L		95
21) T-BUTYL ALCOHOL	1.922	59	9981m	15.48	UG/L		
22) ACRYLONITRILE	2.000	53	5456m	1.55	UG/L		
23) METHYLENE CHLORIDE	1.847	49	29113	Below Cal			88
24) CARBON DISULFIDE	1.694	76	327961	14.21	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	35755	1.56	UG/L	#	79
26) TRANS 1,2-DICHLOROETHENE	2.023	61	21647	1.67	UG/L		100
27) 1,1-DICHLOROETHANE	2.329	63	23678	0.12	UG/L		98
28) VINYL ACETATE	2.377	43	211646	14.36	UG/L	#	100
29) DI ISOPROYL ETHER	2.399	45	45555m	1.67	UG/L		
31) 2-BUTANONE	2.868	43	49094	15.96	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	40183	1.70	UG/L	#	92
33) CIS-1,2-DICHLOROETHENE	2.831	61	22027	1.85	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	11962	1.53	UG/L		95
35) ETHYL ACETATE	2.937	43	11701m	1.22	UG/L		
38) BROMOCHLOROMETHANE	3.071	49	11907	1.74	UG/L		85
39) TETRAHYDROFURAN	3.135	42	4002m	1.87	UG/L		
40) CHLOROFORM	3.180	83	24052	1.90	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	18259	1.76	UG/L	#	86
42) CYCLOHEXANE	3.395	56	26361m	2.28	UG/L		
43) CARBON TETRACHLORIDE	3.506	117	15316	1.81	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	17055	0.83	UG/L	#	90
45) BENZENE	3.724	78	48624	1.98	UG/L	#	87
47) T-AMYLMETHYL ETHER	3.877	73	27733	1.78	UG/L	#	78
50) 1,2-DICHLOROETHANE	3.760	62	21331	1.86	UG/L	#	94
51) TRICHLOROETHENE	4.396	95	12803	1.83	UG/L		96
52) METHYLCYCLOHEXANE	4.569	83	16241	1.91	UG/L		94
53) 1,2-DICHLOROPROPANE	4.611	63	12814	1.88	UG/L	#	98
54) DIBROMOMETHANE	4.725	93	7496	1.73	UG/L		92
56) 1,4-DIOXANE	4.784	88	1063m	Below Cal			

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

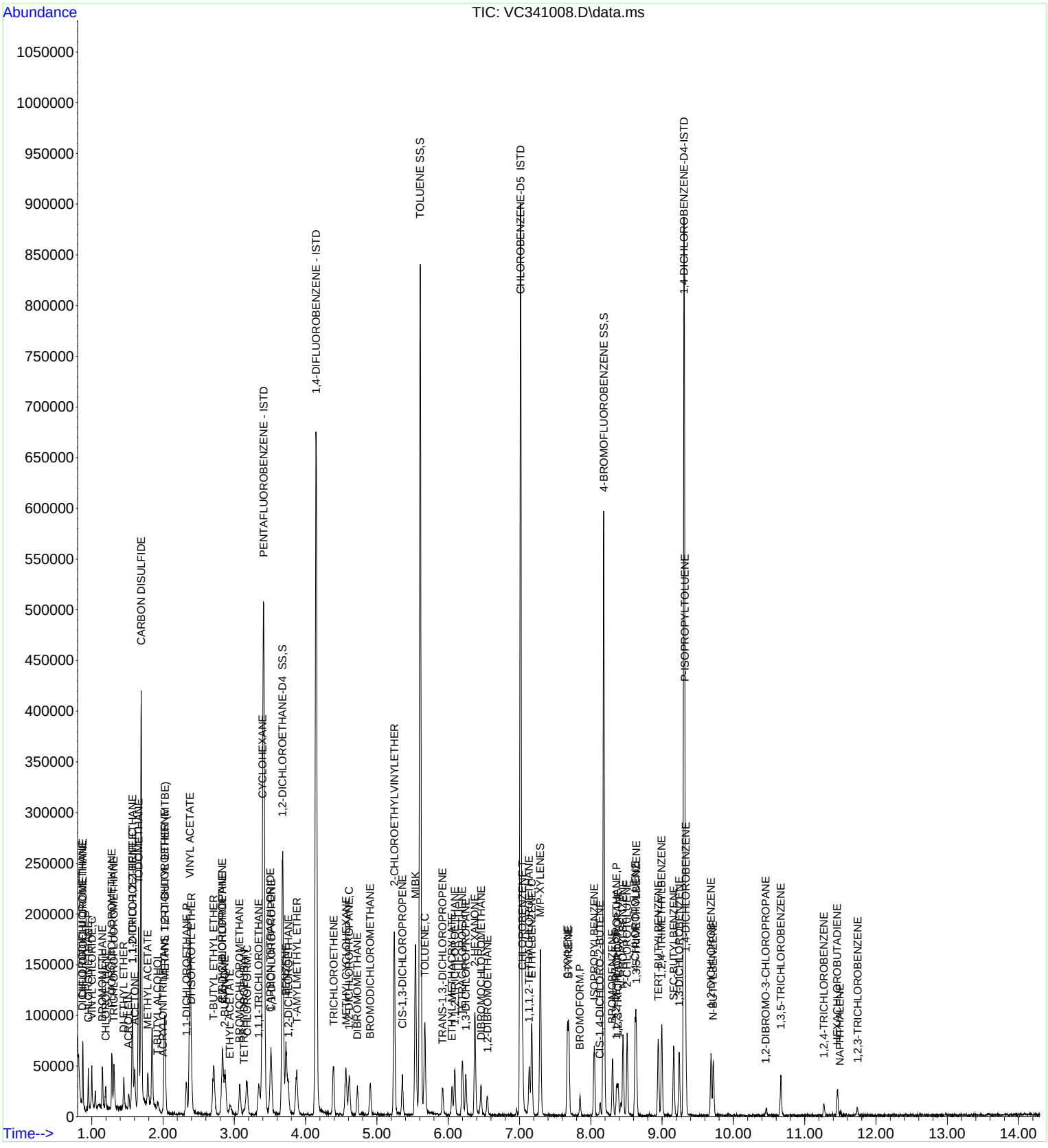
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
57) BROMODICHLOROMETHANE	4.906	83	16634	1.81 UG/L	98
58) 2-CHLOROETHYLVINYLETHER	5.244	63	67362	17.91 UG/L	93
59) MIBK	5.542	43	101794	16.29 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.358	75	15130	1.64 UG/L	96
61) TOLUENE	5.673	91	51773	1.98 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	11072	1.64 UG/L #	76
63) ETHYL METHACRYLATE	6.052	69	11079	1.69 UG/L #	84
64) 1,1,2-TRICHLOROETHANE	6.091	97	10907	1.94 UG/L	96
65) 2-HEXANONE	6.373	43	56930	14.85 UG/L	96
66) TETRACHLOROETHENE	6.197	166	12886	1.84 UG/L	94
67) 1,3-DICHLOROPROPANE	6.248	76	17727	1.91 UG/L	100
68) DIBROMOCHLOROMETHANE	6.462	129	12014	1.80 UG/L	92
69) 1,2-DIBROMOETHANE	6.551	107	9670	1.63 UG/L	92
72) CHLOROBENZENE	7.040	112	30658	1.90 UG/L #	88
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	10196	1.89 UG/L	93
74) ETHYLBENZENE	7.171	91	52635	1.99 UG/L	99
75) M/P-XYLENES	7.290	91	82345	3.98 UG/L	97
76) 0-XYLENE	7.673	91	40165	1.80 UG/L	98
77) STYRENE	7.689	104	31638	1.76 UG/L	98
78) BROMOFORM	7.848	173	6859	1.54 UG/L	98
79) ISOPROPYLBENZENE	8.049	105	38463	0.94 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.124	53	2287	1.03 UG/L #	65
81) 1,1,2,2-TETRACHLOROETHANE	8.359	83	10309	1.05 UG/L	92
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	2352	Below Cal #	61
83) BROMOBENZENE	8.300	77	18245	0.98 UG/L	95
84) 1,2,3-TRICHLOROPROPANE	8.381	75	9211	1.44 UG/L	99
85) N-PROPYLBENZENE	8.451	91	49083	1.49 UG/L	97
86) 2-CHLOROT0LUENE	8.509	91	34123	1.64 UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.640	105	36841	1.12 UG/L	96
88) 4-CHLOROTOLUENE	8.623	91	35963	0.80 UG/L	100
90) TERT-BUTYLBENZENE	8.950	119	29684	1.94 UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	38755	2.01 UG/L	100
92) SEC-BUTYLBENZENE	9.162	105	40682	1.96 UG/L	99
93) 1,3-DICHLOROBENZENE	9.240	146	20624	1.84 UG/L	97
94) P-ISOPROPYLTOLUENE	9.321	119	33336	2.00 UG/L	96
95) 1,4-DICHLOROBENZENE	9.332	146	21475	1.88 UG/L	97
96) N-BUTYLBENZENE	9.714	91	23493	1.26 UG/L	98
97) 1,2-DICHLOROBENZENE	9.686	146	21255	2.05 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.456	75	1175	0.17 UG/L	92
99) 1,3,5-TRICHLOROBENZENE	10.665	180	10583	1.31 UG/L	97
100) 1,2,4-TRICHLOROBENZENE	11.270	180	3286	2.14 UG/L	95
101) HEXACHLOROBUTADIENE	11.457	225	3869	1.72 UG/L	89
102) NAPHTHALENE	11.496	128	2199m	1.47 UG/L	
103) 1,2,3-TRICHLOROBENZENE	11.744	180	2074m	1.11 UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341008.D
Acq On : 7 Dec 2011 2:43 pm
Sample : 8260 STD 2.0 PPB
Misc :
Quant Time: Dec 08 07:14:55 2011

Vial: 8
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	245184	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	339877	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	165237	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	173266	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	115189	23.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%				
49) TOLUENE SS	5.606	98	351695	26.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.00%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	137349	23.89	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	31340	5.30	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.877	51	41349	5.05	UG/L		99
5) CHLOROMETHANE	0.952	50	32134	4.18	UG/L		97
6) VINYL CHLORIDE	0.999	62	38484	4.99	UG/L		98
7) BROMOMETHANE	1.150	94	25452	5.70	UG/L		97
8) CHLOROETHANE	1.192	64	18595	4.07	UG/L		94
9) FLUORODICHLOROMETHANE	1.281	67	59984	5.19	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	45814	4.98	UG/L		97
11) ETHANOL	1.392	45	2740m	Below Cal			
12) DI ETHYL ETHER	1.451	59	22834	4.95	UG/L		94
13) ACROLEIN	1.515	56	16714	41.88	UG/L		98
14) ACETONE	1.602	43	67635	39.69	UG/L		99
15) 1,1-DICHLOROETHENE	1.568	61	47818	5.02	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	25853	4.91	UG/L		95
17) IODOMETHANE	1.657	142	383657	46.13	UG/L	#	100
20) METHYL ACETATE	1.786	43	56315	4.18	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	19934	45.03	UG/L	#	83
22) ACRYLONITRILE	2.012	53	12074	4.99	UG/L		87
23) METHYLENE CHLORIDE	1.847	49	54114	3.38	UG/L		91
24) CARBON DISULFIDE	1.694	76	794414	50.13	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	80872	5.12	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	46198	5.21	UG/L		94
27) 1,1-DICHLOROETHANE	2.324	63	50270	4.39	UG/L		99
28) VINYL ACETATE	2.377	43	443316	43.81	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	87604	4.67	UG/L		91
31) 2-BUTANONE	2.868	43	79182	37.49	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	71395	4.41	UG/L	#	87
33) CIS-1,2-DICHLOROETHENE	2.837	61	39010	4.76	UG/L		96
34) 2,2-DICHLOROPROPANE	2.829	77	22456	4.17	UG/L	#	75
35) ETHYL ACETATE	2.943	43	17632	3.37	UG/L	#	88
38) BROMOCHLOROMETHANE	3.077	49	20111	4.28	UG/L	#	84
39) TETRAHYDROFURAN	3.138	42	5490	3.73	UG/L	#	86
40) CHLOROFORM	3.180	83	42568	4.89	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.345	97	35767	5.01	UG/L	#	79
42) CYCLOHEXANE	3.392	56	39646	4.99	UG/L		90
43) CARBON TETRACHLORIDE	3.503	117	26753	4.61	UG/L		94
44) 1,1-DICHLOROPROPENE	3.520	75	32898	4.47	UG/L		98
45) BENZENE	3.724	78	89421	5.32	UG/L		96
47) T-AMYLMETHYL ETHER	3.872	73	49915	4.68	UG/L	#	87
50) 1,2-DICHLOROETHANE	3.749	62	35255	4.51	UG/L		98
51) TRICHLOROETHENE	4.390	95	26534	5.57	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	30894	5.34	UG/L		90
53) 1,2-DICHLOROPROPANE	4.611	63	23677	5.10	UG/L	#	95
54) DIBROMOMETHANE	4.725	93	14988	5.07	UG/L		96
56) 1,4-DIOXANE	4.778	88	1773m	4.14	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

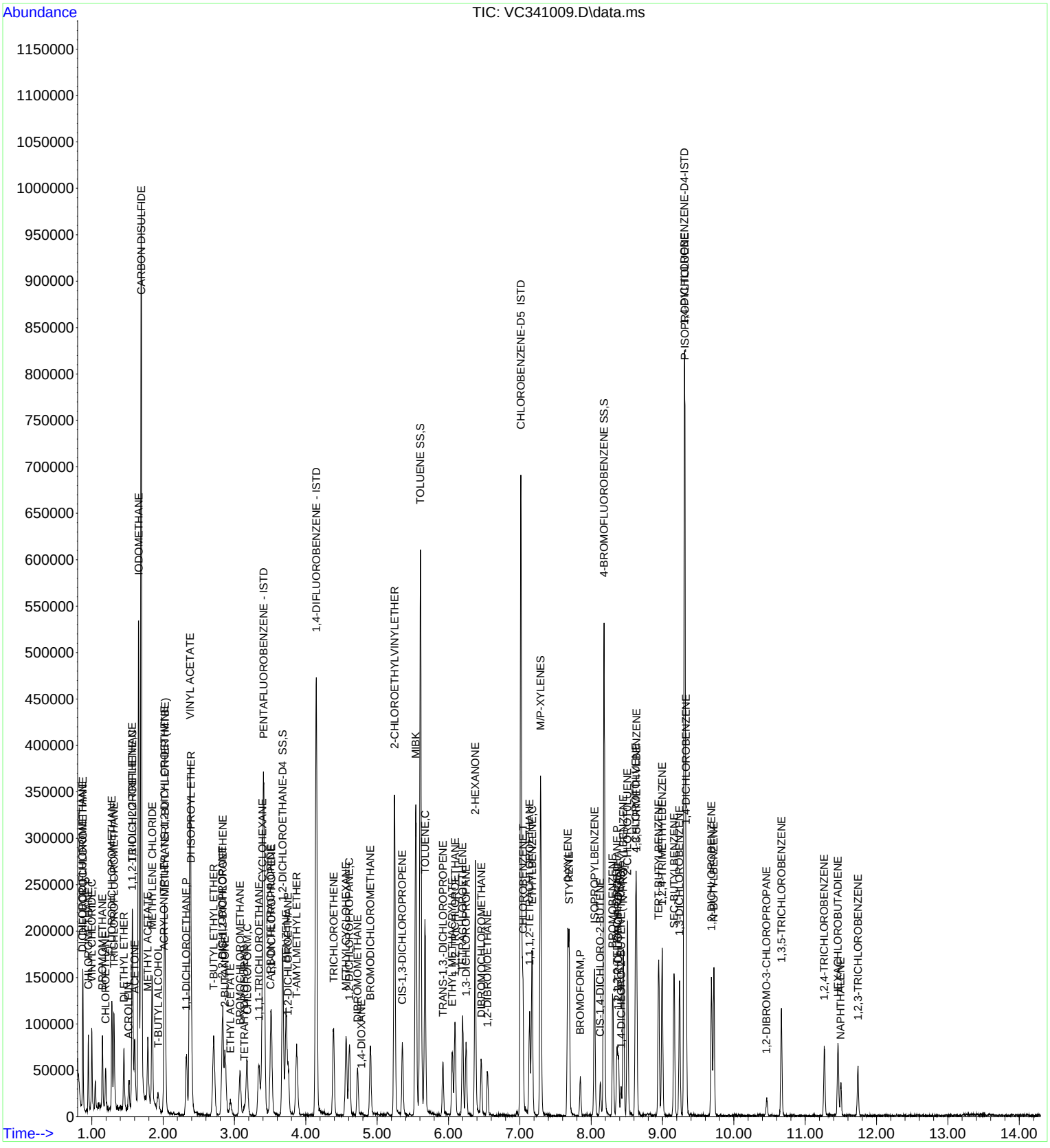
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) BROMODICHLOROMETHANE	4.906	83	41613	6.65	UG/L		96
58) 2-CHLOROETHYLVINYLETHER	5.244	63	124715	48.66	UG/L		96
59) MIBK	5.542	43	201766	47.39	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	5.350	75	33128	5.28	UG/L		98
61) TOLUENE	5.670	91	118530	6.66	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	23554	5.13	UG/L		91
63) ETHYL METHACRYLATE	6.052	69	29817	6.66	UG/L		85
64) 1,1,2-TRICHLOROETHANE	6.091	97	25894	6.75	UG/L		94
65) 2-HEXANONE	6.376	43	127777	48.92	UG/L		94
66) TETRACHLOROETHENE	6.197	166	25766	5.41	UG/L		97
67) 1,3-DICHLOROPROPANE	6.247	76	34871	5.52	UG/L		95
68) DIBROMOCHLOROMETHANE	6.462	129	24794	5.44	UG/L		97
69) 1,2-DIBROMOETHANE	6.546	107	23662	5.87	UG/L		96
72) CHLOROBENZENE	7.045	112	62560	5.11	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	22889	5.60	UG/L		96
74) ETHYLBENZENE	7.173	91	109598	5.45	UG/L		99
75) M/P-XYLENES	7.290	91	179782	11.44	UG/L		100
76) 0-XYLENE	7.673	91	85379	5.03	UG/L		99
77) STYRENE	7.692	104	68745	5.03	UG/L		98
78) BROMOFORM	7.845	173	15202	3.93	UG/L		98
79) ISOPROPYLBENZENE	8.049	105	86351	4.19	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	7006	3.38	UG/L	#	78
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	26076	4.17	UG/L		93
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	5158	1.54	UG/L		91
83) BROMOBENZENE	8.300	77	43989	4.60	UG/L		98
84) 1,2,3-TRICHLOROPROPANE	8.381	75	19034	3.34	UG/L		97
85) N-PROPYLBENZENE	8.451	91	120562	3.83	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	95962	4.88	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	85235	4.59	UG/L		98
88) 4-CHLOROTOLUENE	8.623	91	85995	4.52	UG/L		98
90) TERT-BUTYLBENZENE	8.944	119	71551	5.25	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	81436	4.73	UG/L		98
92) SEC-BUTYLBENZENE	9.162	105	95653	5.18	UG/L		99
93) 1,3-DICHLOROBENZENE	9.237	146	50152	5.03	UG/L		100
94) P-ISOPROPYLTOLUENE	9.315	119	80395	5.41	UG/L		99
95) 1,4-DICHLOROBENZENE	9.329	146	51146	5.02	UG/L		95
96) N-BUTYLBENZENE	9.719	91	68458	5.01	UG/L		98
97) 1,2-DICHLOROBENZENE	9.686	146	47669	5.16	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	3289	3.17	UG/L		96
99) 1,3,5-TRICHLOROBENZENE	10.668	180	29599	4.82	UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.267	180	19218	5.32	UG/L		99
101) HEXACHLOROBUTADIENE	11.459	225	13232	6.61	UG/L		98
102) NAPHTHALENE	11.499	128	21558	3.28	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	12817	3.59	UG/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341009.D
Acq On : 7 Dec 2011 3:13 pm
Sample : 8260 STD 5.0 PPB
Misc :
Quant Time: Dec 08 07:16:35 2011

Vial: 9
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	335223	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	361786	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	168011	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	169748	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	154508	23.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%				
49) TOLUENE SS	5.609	98	346308	24.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	134122	22.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.76%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66460	8.22	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	81395	7.28	UG/L		98
5) CHLOROMETHANE	0.952	50	61230	5.83	UG/L		98
6) VINYL CHLORIDE	1.002	62	73898	7.01	UG/L		99
7) BROMOMETHANE	1.150	94	48375	8.37	UG/L		95
8) CHLOROETHANE	1.194	64	39913	6.38	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	131059	8.29	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	103069	8.20	UG/L		96
11) ETHANOL	1.401	45	4682m	15.22	UG/L		
12) DI ETHYL ETHER	1.451	59	52539	8.33	UG/L		94
13) ACROLEIN	1.518	56	39488	72.38	UG/L		98
14) ACETONE	1.602	43	153987	66.09	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	106247	8.16	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	58771	8.16	UG/L		99
17) IODOMETHANE	1.657	142	953115	85.31	UG/L	#	100
20) METHYL ACETATE	1.786	43	127927	6.95	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	44974	74.31	UG/L	#	96
22) ACRYLONITRILE	2.011	53	25597	7.73	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	105698	6.61	UG/L		88
24) CARBON DISULFIDE	1.694	76	1715357	79.17	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	186508	8.64	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	105484	8.69	UG/L		96
27) 1,1-DICHLOROETHANE	2.324	63	123167	9.40	UG/L		98
28) VINYL ACETATE	2.377	43	1217146	87.98	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	236932	9.23	UG/L		96
31) 2-BUTANONE	2.870	43	259731	89.94	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	211185	9.53	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	112367	10.03	UG/L		95
34) 2,2-DICHLOROPROPANE	2.831	77	65916	8.96	UG/L		95
35) ETHYL ACETATE	2.940	43	59327	9.15	UG/L	#	83
38) BROMOCHLOROMETHANE	3.080	49	59921	9.32	UG/L		87
39) TETRAHYDROFURAN	3.138	42	16485	8.19	UG/L	#	89
40) CHLOROFORM	3.174	83	118835	9.99	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.339	97	93636	9.60	UG/L		99
42) CYCLOHEXANE	3.389	56	107940	9.94	UG/L		93
43) CARBON TETRACHLORIDE	3.506	117	76267	9.60	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	83000	9.26	UG/L		98
45) BENZENE	3.724	78	229112	9.96	UG/L		97
47) T-AMYLMETHYL ETHER	3.872	73	130050	8.91	UG/L		95
50) 1,2-DICHLOROETHANE	3.757	62	92919	11.16	UG/L		99
51) TRICHLOROETHENE	4.387	95	49227	9.71	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	59222	9.62	UG/L		92
53) 1,2-DICHLOROPROPANE	4.613	63	44288	8.96	UG/L		98
54) DIBROMOMETHANE	4.722	93	30200	9.59	UG/L		97
56) 1,4-DIOXANE	4.778	88	3477m	56.19	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

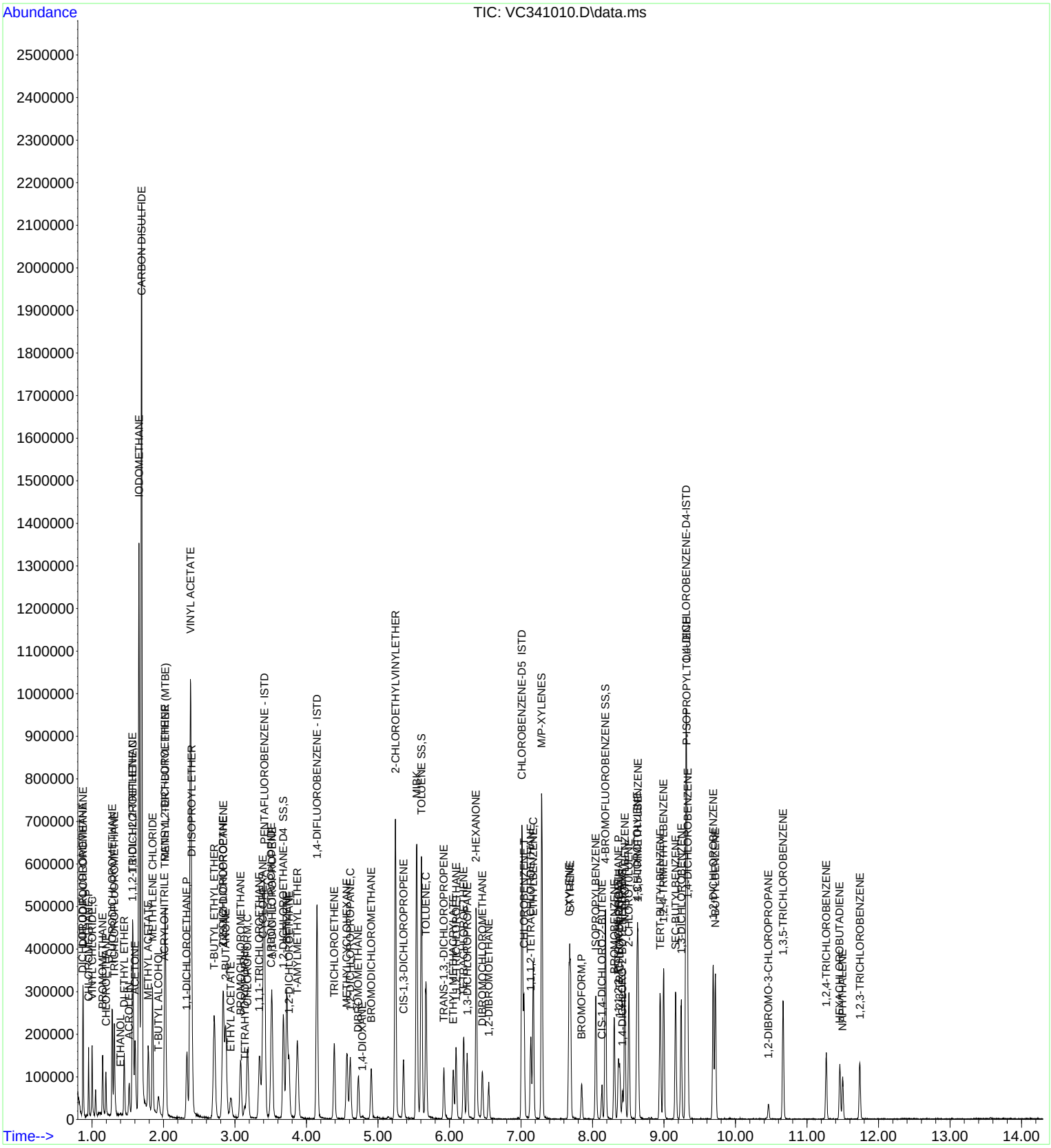
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	62372	9.37	UG/L	98
58)	2-CHLOROETHYLVINYLETHER	5.244	63	254036	93.12	UG/L	94
59)	MIBK	5.542	43	375300	82.81	UG/L	97
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	60584	9.08	UG/L	100
61)	TOLUENE	5.670	91	192432	10.17	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	47659	9.75	UG/L	99
63)	ETHYL METHACRYLATE	6.052	69	45150	9.48	UG/L	91
64)	1,1,2-TRICHLOROETHANE	6.091	97	40886	10.02	UG/L	99
65)	2-HEXANONE	6.370	43	247397	88.98	UG/L	96
66)	TETRACHLOROETHENE	6.194	166	48878	9.65	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	66625	9.90	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.459	129	47945	9.88	UG/L	100
69)	1,2-DIBROMOETHANE	6.549	107	42043	9.79	UG/L	100
72)	CHLOROBENZENE	7.042	112	121996	9.79	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	41582	10.01	UG/L	96
74)	ETHYLBENZENE	7.170	91	209520	10.25	UG/L	98
75)	M/P-XYLENES	7.288	91	366878	22.96	UG/L	98
76)	0-XYLENE	7.672	91	169447	9.82	UG/L	98
77)	STYRENE	7.689	104	136752	9.83	UG/L	99
78)	BROMOFORM	7.845	173	30955	7.59	UG/L	96
79)	ISOPROPYLBENZENE	8.046	105	166680	8.59	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	12716	5.83	UG/L	84
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	50164	8.15	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.417	53	11522	5.70	UG/L	97
83)	BROMOBENZENE	8.305	77	76292	8.32	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	36924	6.08	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	222953	6.60	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	140331	6.82	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	160565	8.99	UG/L	98
88)	4-CHLOROTOLUENE	8.623	91	159999	9.05	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	127506	9.55	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	161452	9.56	UG/L	99
92)	SEC-BUTYLBENZENE	9.164	105	180983	10.00	UG/L	96
93)	1,3-DICHLOROBENZENE	9.242	146	98558	10.09	UG/L	98
94)	P-ISOPROPYLTOLUENE	9.318	119	152141	10.46	UG/L	100
95)	1,4-DICHLOROBENZENE	9.332	146	97392	9.76	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	153271	11.96	UG/L	98
97)	1,2-DICHLOROBENZENE	9.689	146	113983	12.58	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	6950	8.26	UG/L	94
99)	1,3,5-TRICHLOROBENZENE	10.665	180	73114	12.65	UG/L	93
100)	1,2,4-TRICHLOROBENZENE	11.270	180	40944	9.73	UG/L	99
101)	HEXACHLOROBUTADIENE	11.457	225	22921	11.69	UG/L	98
102)	NAPHTHALENE	11.498	128	61173	7.05	UG/L	98
103)	1,2,3-TRICHLOROBENZENE	11.741	180	35296	8.83	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	239743	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	331079	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	231398	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	178430	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	108647	23.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.32%				
49) TOLUENE SS	5.609	98	335299	25.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	131648	16.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 65.40%#				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	124169	21.47	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	159544	19.95	UG/L		98
5) CHLOROMETHANE	0.952	50	121877	16.23	UG/L		99
6) VINYL CHLORIDE	0.999	62	138816	18.42	UG/L		100
7) BROMOMETHANE	1.147	94	88747	23.26	UG/L		99
8) CHLOROETHANE	1.192	64	78214	17.49	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	261162	23.10	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.309	101	206701	22.98	UG/L		97
11) ETHANOL	1.403	45	8977	257.16	UG/L	#	62
12) DI ETHYL ETHER	1.448	59	101246	22.44	UG/L		94
13) ACROLEIN	1.518	56	80857	207.22	UG/L		100
14) ACETONE	1.601	43	296843	178.15	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	213279	22.91	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	116061	22.53	UG/L		99
17) IODOMETHANE	1.654	142	2090446	265.44	UG/L	#	100
20) METHYL ACETATE	1.786	43	239500	18.20	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	89996	207.93	UG/L	#	95
22) ACRYLONITRILE	2.006	53	50950	21.52	UG/L		95
23) METHYLENE CHLORIDE	1.844	49	191922	23.16	UG/L		88
24) CARBON DISULFIDE	1.691	76	3529503	227.78	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	354471	22.97	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	205602	23.70	UG/L		95
27) 1,1-DICHLOROETHANE	2.324	63	236986	28.53	UG/L		100
28) VINYL ACETATE	2.377	43	2092607	211.50	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	387065	21.09	UG/L		92
31) 2-BUTANONE	2.868	43	336434	162.89	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	287579	18.15	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	155009	19.35	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	99732	18.95	UG/L		96
35) ETHYL ACETATE	2.940	43	73715	16.32	UG/L	#	89
38) BROMOCHLOROMETHANE	3.079	49	80408	17.49	UG/L	#	82
39) TETRAHYDROFURAN	3.132	42	19529	13.57	UG/L	#	81
40) CHLOROFORM	3.171	83	169308	19.89	UG/L		97
41) 1,1,1-TRICHLOROETHANE	3.342	97	142672	20.45	UG/L		99
42) CYCLOHEXANE	3.392	56	142291	18.32	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	119841	21.10	UG/L		100
44) 1,1-DICHLOROPROPENE	3.514	75	126589	21.09	UG/L		98
45) BENZENE	3.724	78	340384	20.70	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	211805	20.29	UG/L		98
50) 1,2-DICHLOROETHANE	3.754	62	137524	18.05	UG/L		98
51) TRICHLOROETHENE	4.387	95	95330	20.55	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	117039	20.78	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	89811	19.86	UG/L		99
54) DIBROMOMETHANE	4.725	93	59375	20.61	UG/L		94
56) 1,4-DIOXANE	4.783	88	6627m	179.43	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

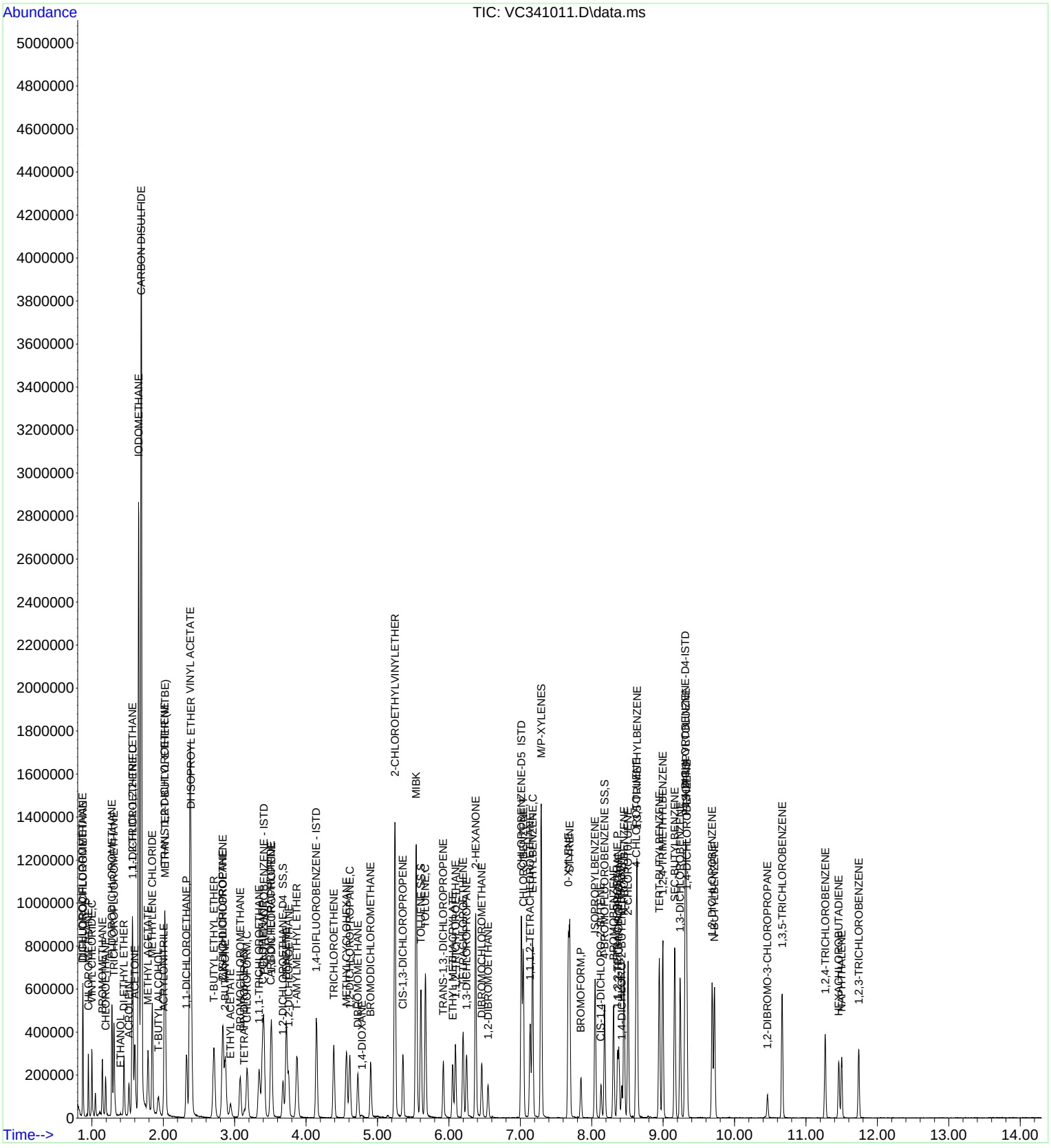
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	133646	21.93	UG/L	100
58)	2-CHLOROETHYLVINYLETHER	5.243	63	519868	208.24	UG/L	94
59)	MIBK	5.542	43	742311	178.99	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	132415	21.67	UG/L	99
61)	TOLUENE	5.670	91	391022	22.57	UG/L	98
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	109224	24.42	UG/L	100
63)	ETHYL METHACRYLATE	6.055	69	96366	22.11	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	83499	22.35	UG/L	96
65)	2-HEXANONE	6.376	43	508490	199.84	UG/L	93
66)	TETRACHLOROETHENE	6.200	166	102050	22.01	UG/L	98
67)	1,3-DICHLOROPROPANE	6.247	76	135155	21.95	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.459	129	105222	23.69	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	83629	21.28	UG/L	100
72)	CHLOROBENZENE	7.042	112	331284	19.30	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	101872	17.80	UG/L	99
74)	ETHYLBENZENE	7.173	91	490444	17.43	UG/L	100
75)	M/P-XYLENES	7.293	91	728157	33.09	UG/L	99
76)	0-XYLENE	7.672	91	385983	16.24	UG/L	100
77)	STYRENE	7.692	104	315376	16.46	UG/L	99
78)	BROMOFORM	7.848	173	75209	13.16	UG/L	99
79)	ISOPROPYLBENZENE	8.046	105	378591	14.62	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	28515	9.32	UG/L	90
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	113664	13.59	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.422	53	26550	10.83	UG/L	99
83)	BROMOBENZENE	8.305	77	169015	13.79	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.378	75	86845	10.15	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	485313	10.17	UG/L	100
86)	2-CHLOROT0LUENE	8.509	91	339828	11.66	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	389428	16.27	UG/L	99
88)	4-CHLOROTOLUENE	8.623	91	366493	15.67	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	308921	22.01	UG/L	98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	362361	20.42	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	493931	25.95	UG/L	99
93)	1,3-DICHLOROBENZENE	9.237	146	222393	21.66	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.320	119	333510	21.81	UG/L	99
95)	1,4-DICHLOROBENZENE	9.332	146	214985	20.49	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	286797	21.60	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	220533	23.16	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	19413	24.00	UG/L	95
99)	1,3,5-TRICHLOROBENZENE	10.667	180	159154	26.56	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.272	180	103744	21.23	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	47563	23.07	UG/L	95
102)	NAPHTHALENE	11.501	128	179626	17.38	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	83331	18.97	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	253600	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	340519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	235626	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	259954	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	118765	23.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%				
49) TOLUENE SS	5.609	98	364966	27.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.76%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	154002	18.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	290348	47.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	397663	47.00	UG/L		97
5) CHLOROMETHANE	0.952	50	315235	39.68	UG/L		97
6) VINYL CHLORIDE	1.002	62	387164	48.56	UG/L		99
7) BROMOMETHANE	1.150	94	262531	67.11	UG/L		97
8) CHLOROETHANE	1.194	64	213738	45.18	UG/L		98
9) FLUORODICHLOROMETHANE	1.284	67	686377	57.39	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	518573	54.50	UG/L		99
12) DI ETHYL ETHER	1.451	59	252216	52.83	UG/L		93
13) ACROLEIN	1.518	56	207863	503.60	UG/L		98
14) ACETONE	1.601	43	758717	430.45	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	529850	53.80	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	292385	53.65	UG/L		99
17) IODOMETHANE	1.657	142	5510817	664.27	UG/L	#	100
20) METHYL ACETATE	1.788	43	603876	43.38	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	225737	493.05	UG/L	#	99
22) ACRYLONITRILE	2.009	53	113409	45.28	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	456618	57.27	UG/L		88
24) CARBON DISULFIDE	1.693	76	8639732	527.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	823834	50.47	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.023	61	456155	49.70	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	415289	48.53	UG/L		99
28) VINYL ACETATE	2.380	43	4133132	394.92	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	744150	38.34	UG/L	#	90
31) 2-BUTANONE	2.870	43	834254	381.85	UG/L		94
32) T-BUTYL ETHYL ETHER	2.709	59	697535	41.61	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	374013	44.15	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	258992	46.52	UG/L		100
35) ETHYL ACETATE	2.946	43	157961	33.64	UG/L	#	97
38) BROMOCHLOROMETHANE	3.082	49	204164	41.98	UG/L	#	83
39) TETRAHYDROFURAN	3.132	42	52455	34.45	UG/L	#	86
40) CHLOROFORM	3.177	83	435044	48.32	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	383958	52.03	UG/L		98
42) CYCLOHEXANE	3.395	56	362794	44.15	UG/L		91
43) CARBON TETRACHLORIDE	3.509	117	321674	53.55	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	320899	52.21	UG/L		99
45) BENZENE	3.724	78	934695	53.73	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	568162	51.46	UG/L		99
50) 1,2-DICHLOROETHANE	3.754	62	382482	48.81	UG/L		100
51) TRICHLOROETHENE	4.390	95	261487	54.81	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	331364	57.20	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	251965	54.17	UG/L		98
54) DIBROMOMETHANE	4.728	93	164778	55.61	UG/L		97
56) 1,4-DIOXANE	4.783	88	17789m	561.09	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	383185	61.14	UG/L		100

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

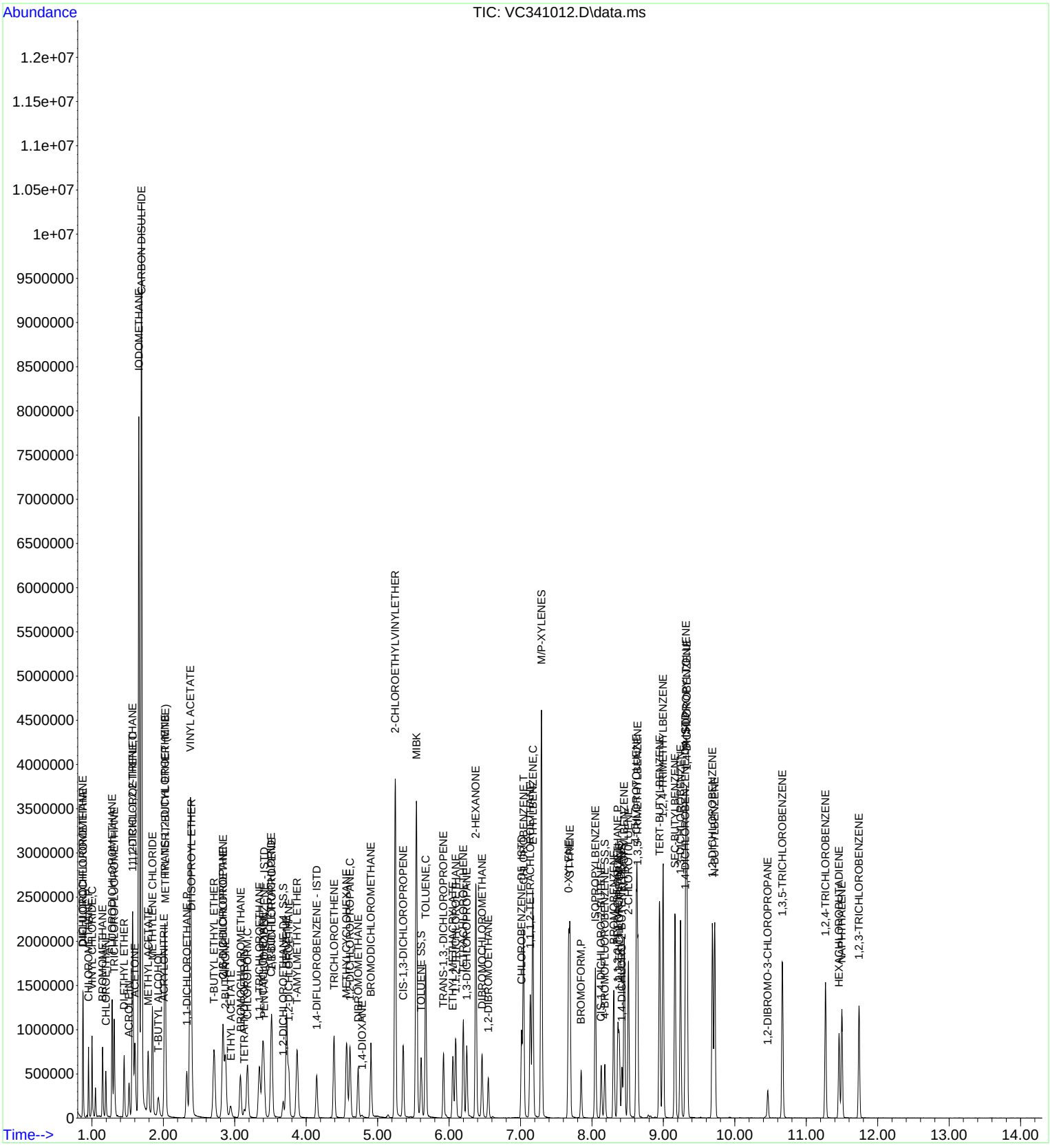
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
58) 2-CHLOROETHYLVINYLETHER	5.246	63	1434134	558.53 UG/L	93
59) MIBK	5.545	43	2107851	494.16 UG/L	96
60) CIS-1,3-DICHLOROPROPENE	5.358	75	380341	60.53 UG/L	99
61) TOLUENE	5.673	91	1033903	58.03 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	303524	65.97 UG/L	98
63) ETHYL METHACRYLATE	6.052	69	285358	63.64 UG/L	87
64) 1,1,2-TRICHLOROETHANE	6.091	97	226232	58.89 UG/L	99
65) 2-HEXANONE	6.373	43	1457360	556.88 UG/L	95
66) TETRACHLOROETHENE	6.200	166	273504	57.34 UG/L	99
67) 1,3-DICHLOROPROPANE	6.247	76	361869	57.15 UG/L	99
68) DIBROMOCHLOROMETHANE	6.462	129	304358	66.64 UG/L	99
69) 1,2-DIBROMOETHANE	6.549	107	234666	58.06 UG/L	99
72) CHLOROBENZENE	7.042	112	935701	53.55 UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	333249	57.18 UG/L	98
74) ETHYLBENZENE	7.173	91	1565945	54.65 UG/L	99
75) M/P-XYLENES	7.293	91	2274158	101.49 UG/L	100
76) 0-XYLENE	7.672	91	949910	39.24 UG/L	100
77) STYRENE	7.692	104	780174	40.00 UG/L	100
78) BROMOFORM	7.848	173	197931	33.57 UG/L	99
79) ISOPROPYLBENZENE	8.049	105	953251	37.20 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	108621	34.16 UG/L	97
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	397447	47.38 UG/L	98
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	104720	47.54 UG/L	96
83) BROMOBENZENE	8.305	77	470570	38.89 UG/L	100
84) 1,2,3-TRICHLOROPROPANE	8.383	75	297228	33.31 UG/L	98
85) N-PROPYLBENZENE	8.450	91	1461279	29.20 UG/L	100
86) 2-CHLOROT0LUENE	8.512	91	837389	27.61 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	1004294	42.08 UG/L	99
88) 4-CHLOROTOLUENE	8.620	91	1050906	45.81 UG/L	99
90) TERT-BUTYLBENZENE	8.947	119	1038769	50.80 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	1311896	50.75 UG/L	100
92) SEC-BUTYLBENZENE	9.161	105	1412416	50.94 UG/L	99
93) 1,3-DICHLOROBENZENE	9.240	146	745529	49.83 UG/L	98
94) P-ISOPROPYLTOLUENE	9.318	119	1191839	53.50 UG/L	99
95) 1,4-DICHLOROBENZENE	9.329	146	775220	50.71 UG/L	99
96) N-BUTYLBENZENE	9.719	91	1047148	54.71 UG/L	99
97) 1,2-DICHLOROBENZENE	9.686	146	735254	53.00 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	58261	50.76 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.665	180	485614	55.99 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.270	180	399197	53.50 UG/L	99
101) HEXACHLOROBUTADIENE	11.459	225	164356	54.72 UG/L	100
102) NAPHTHALENE	11.498	128	793281	50.05 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.738	180	330815	50.49 UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	231667	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	330039	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	163361	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	204134	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	106209	23.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.36%				
49) TOLUENE SS	5.612	98	333954	25.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	133818	23.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	521637	93.35	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.876	51	740837	95.85	UG/L		97
5) CHLOROMETHANE	0.952	50	700450	96.51	UG/L		99
6) VINYL CHLORIDE	0.999	62	812838	111.60	UG/L		100
7) BROMOMETHANE	1.147	94	530064	149.71	UG/L		98
8) CHLOROETHANE	1.192	64	410938	95.08	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	1327703	121.52	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.309	101	1027601	118.23	UG/L		98
12) DI ETHYL ETHER	1.448	59	535147	122.72	UG/L		93
13) ACROLEIN	1.521	56	425013	1127.19	UG/L		99
14) ACETONE	1.601	43	1729817	1074.31	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	1061455	117.99	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	596569	119.82	UG/L		100
17) IODOMETHANE	1.654	142	11051088	1460.39	UG/L	#	100
20) METHYL ACETATE	1.788	43	1334332	104.94	UG/L		96
21) T-BUTYL ALCOHOL	1.933	59	603470	1442.88	UG/L	#	99
22) ACRYLONITRILE	2.011	53	223145	97.53	UG/L		97
23) METHYLENE CHLORIDE	1.847	49	915488	130.64	UG/L		87
24) CARBON DISULFIDE	1.688	76	13103071m	875.11	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.028	73	1569407	105.25	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	819580	97.75	UG/L		93
27) 1,1-DICHLOROETHANE	2.326	63	792590	103.49	UG/L		99
28) VINYL ACETATE	2.380	43	8177945	855.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.396	45	1396647	78.76	UG/L	#	89
31) 2-BUTANONE	2.870	43	1768317	886.01	UG/L		93
32) T-BUTYL ETHYL ETHER	2.709	59	1355407	88.51	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	708096	91.50	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	509480	100.17	UG/L		100
35) ETHYL ACETATE	2.946	43	346429	81.58	UG/L	#	98
38) BROMOCHLOROMETHANE	3.079	49	364614	82.06	UG/L	#	80
39) TETRAHYDROFURAN	3.132	42	105268	75.68	UG/L	#	81
40) CHLOROFORM	3.174	83	775505	94.29	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	723163	107.27	UG/L		98
42) CYCLOHEXANE	3.392	56	677584	90.26	UG/L		93
43) CARBON TETRACHLORIDE	3.509	117	626879	114.23	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	599772	108.07	UG/L		98
45) BENZENE	3.724	78	1707185	107.42	UG/L		96
47) T-AMYLMETHYL ETHER	3.871	73	1158916	114.89	UG/L		100
50) 1,2-DICHLOROETHANE	3.754	62	723004	95.20	UG/L		99
51) TRICHLOROETHENE	4.393	95	490868	106.15	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	632117	112.59	UG/L		91
53) 1,2-DICHLOROPROPANE	4.613	63	472494	104.80	UG/L		98
54) DIBROMOMETHANE	4.725	93	315228	109.77	UG/L		97
56) 1,4-DIOXANE	4.781	88	37846	1300.52	UG/L		96
57) BROMODICHLOROMETHANE	4.906	83	713744	117.51	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.252	63	2842310	1142.11	UG/L		93
59)	MIBK	5.547	43	4316698	1044.14	UG/L	#	95
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	725202	119.08	UG/L		98
61)	TOLUENE	5.673	91	1999091	115.76	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	616216	138.18	UG/L		97
63)	ETHYL METHACRYLATE	6.055	69	572866	131.82	UG/L		89
64)	1,1,2-TRICHLOROETHANE	6.091	97	450190	120.90	UG/L		98
65)	2-HEXANONE	6.378	43	3054037	1204.06	UG/L		94
66)	TETRACHLOROETHENE	6.200	166	523592	113.26	UG/L		99
67)	1,3-DICHLOROPROPANE	6.250	76	712842	116.15	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.462	129	593235	134.01	UG/L		99
69)	1,2-DIBROMOETHANE	6.551	107	469668	119.90	UG/L		100
72)	CHLOROBENZENE	7.042	112	1317911	108.78	UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	493961	122.26	UG/L		100
74)	ETHYLBENZENE	7.170	91	2382585	119.93	UG/L		100
75)	M/P-XYLENES	7.293	91	3438873	221.36	UG/L		99
76)	0-XYLENE	7.675	91	1840956	109.70	UG/L		100
77)	STYRENE	7.692	104	1505716	111.34	UG/L		99
78)	BROMOFORM	7.851	173	440051	107.01	UG/L		100
79)	ISOPROPYLBENZENE	8.049	105	1811836	103.23	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	184459	83.30	UG/L		97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	706165	121.88	UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	179975	120.72	UG/L		99
83)	BROMOBENZENE	8.305	77	938698	113.17	UG/L		100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	504826	81.13	UG/L		99
85)	N-PROPYLBENZENE	8.453	91	2518564	71.92	UG/L		99
86)	2-CHLOROT0LUENE	8.512	91	1583453	74.54	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1990249	121.34	UG/L		100
88)	4-CHLOROTOLUENE	8.623	91	1887488	120.17	UG/L		100
90)	TERT-BUTYLBENZENE	8.947	119	1552894	96.70	UG/L		99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1995508	98.30	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	2308794	106.04	UG/L		100
93)	1,3-DICHLOROBENZENE	9.242	146	1136706	96.76	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.320	119	1865249	106.63	UG/L		99
95)	1,4-DICHLOROBENZENE	9.334	146	1212842	101.02	UG/L		99
96)	N-BUTYLBENZENE	9.719	91	1497572	99.95	UG/L		100
97)	1,2-DICHLOROBENZENE	9.689	146	1093102	100.35	UG/L		100
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	137734	155.30	UG/L		98
99)	1,3,5-TRICHLOROBENZENE	10.667	180	812659	119.71	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.270	180	659474	110.81	UG/L		100
101)	HEXACHLOROBUTADIENE	11.459	225	291203	123.47	UG/L		99
102)	NAPHTHALENE	11.498	128	1523176	120.52	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	604393	116.55	UG/L		100

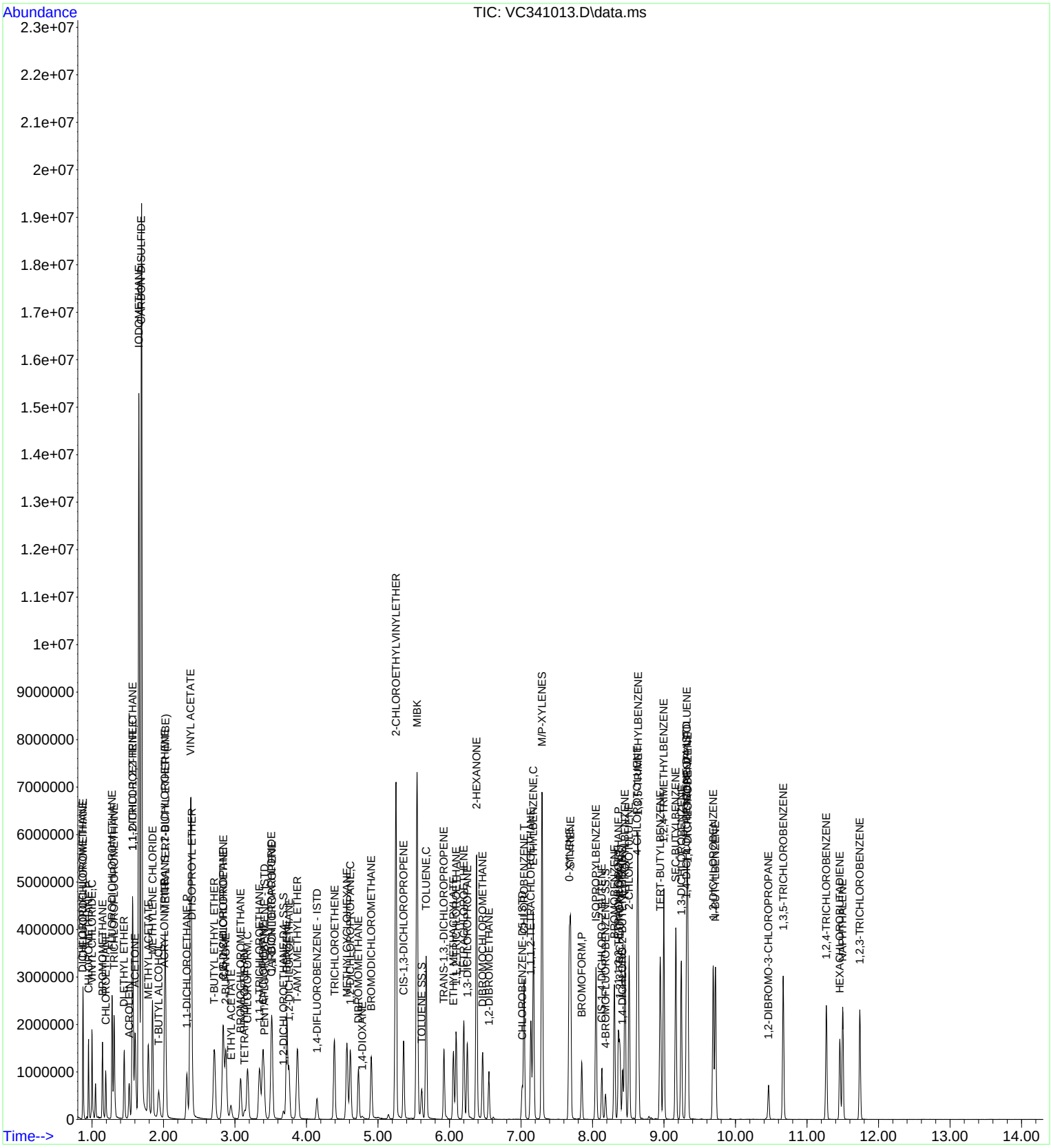
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D
Acq On : 7 Dec 2011 5:14 pm
Sample : 8260 STD 100 PPB
Misc :
Quant Time: Dec 08 07:29:22 2011

Vial: 13
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	383883	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	553491	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	270248	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	275794	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	183366	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
49) TOLUENE SS	5.614	98	561466	25.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	207829	22.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.40%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	831850	89.83	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.876	51	1207046	94.24	UG/L	97
5) CHLOROMETHANE	0.952	50	1044846	86.88	UG/L	100
6) VINYL CHLORIDE	1.002	62	1296771	107.44	UG/L	100
7) BROMOMETHANE	1.144	94	882095	150.36	UG/L	100
8) CHLOROETHANE	1.192	64	674969	94.25	UG/L	100
9) FLUORODICHLOROMETHANE	1.281	67	2245306	124.02	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.309	101	1785240	123.95	UG/L	100
12) DI ETHYL ETHER	1.451	59	901358	124.74	UG/L	94
13) ACROLEIN	1.521	56	797073	1275.73	UG/L	100
14) ACETONE	1.604	43	2773958	1039.67	UG/L	94
15) 1,1-DICHLOROETHENE	1.568	61	1836803	123.21	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	1059864	128.47	UG/L	100
17) IODOMETHANE	1.649	142	14271852m	1137.77	UG/L	
20) METHYL ACETATE	1.788	43	2193693	104.12	UG/L	95
21) T-BUTYL ALCOHOL	1.931	59	922264	1330.75	UG/L	98
22) ACRYLONITRILE	2.009	53	482980	127.39	UG/L	98
23) METHYLENE CHLORIDE	1.847	49	1598729	137.90	UG/L	89
24) CARBON DISULFIDE	1.685	76	15695199m	632.59	UG/L	
25) METHYL TERT-BUTYL ETHE...	2.028	73	3409299	137.98	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	1845481	132.83	UG/L	95
27) 1,1-DICHLOROETHANE	2.327	63	2260716	179.53	UG/L	99
28) VINYL ACETATE	2.374	43	18972095m	1197.55	UG/L	
29) DI ISOPROYL ETHER	2.396	45	4081386	138.90	UG/L	92
31) 2-BUTANONE	2.873	43	4976870	1504.87	UG/L	94
32) T-BUTYL ETHYL ETHER	2.711	59	4117667	162.28	UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.837	61	2100884	163.82	UG/L	96
34) 2,2-DICHLOROPROPANE	2.834	77	1467133	174.07	UG/L	98
35) ETHYL ACETATE	2.943	43	967578	137.90	UG/L	95
38) BROMOCHLOROMETHANE	3.077	49	1113930	151.30	UG/L	90
39) TETRAHYDROFURAN	3.135	42	318126	138.02	UG/L	90
40) CHLOROFORM	3.177	83	2194149	160.99	UG/L	99
41) 1,1,1-TRICHLOROETHANE	3.347	97	1953902	174.90	UG/L	98
42) CYCLOHEXANE	3.392	56	2032918	163.43	UG/L	94
43) CARBON TETRACHLORIDE	3.509	117	1651110	181.57	UG/L	99
44) 1,1-DICHLOROPROPENE	3.520	75	1662644	181.59	UG/L	99
45) BENZENE	3.726	78	4575944	173.76	UG/L	97
47) T-AMYLMETHYL ETHER	3.874	73	2987177	178.72	UG/L	100
50) 1,2-DICHLOROETHANE	3.757	62	1842244	144.65	UG/L	98
51) TRICHLOROETHENE	4.390	95	1262300	162.77	UG/L	99
52) METHYLCYCLOHEXANE	4.569	83	1746234	185.46	UG/L	93
53) 1,2-DICHLOROPROPANE	4.613	63	1299561	171.87	UG/L	97
54) DIBROMOMETHANE	4.725	93	800325	166.18	UG/L	99
56) 1,4-DIOXANE	4.778	88	91003	1889.69	UG/L	91
57) BROMODICHLOROMETHANE	4.906	83	1796522	176.37	UG/L	99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

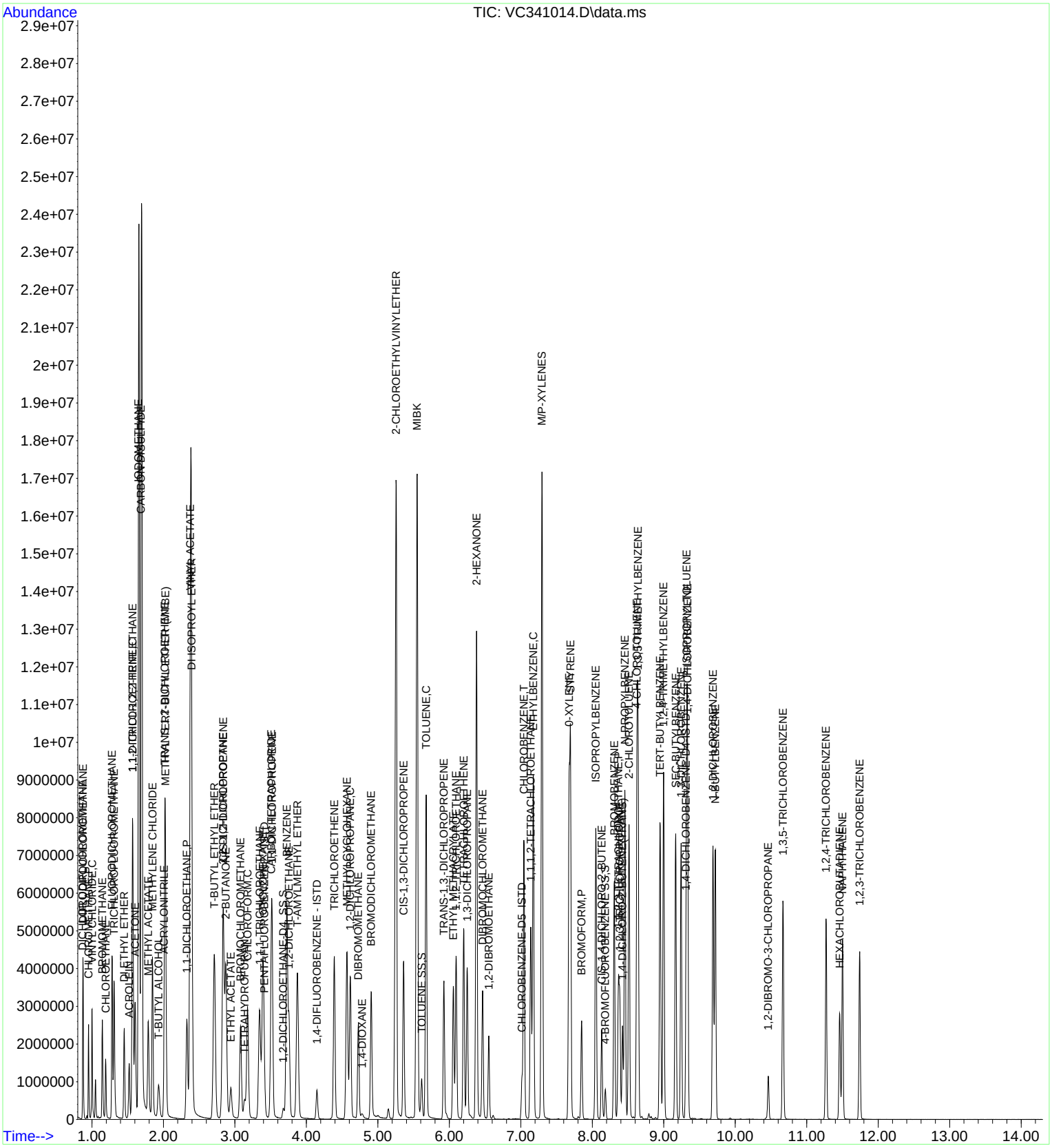
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.255	63	7241807	1735.15	UG/L	91
59)	MIBK	5.547	43	10297668	1485.25	UG/L	95
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	1895197	185.56	UG/L	100
61)	TOLUENE	5.676	91	5062894	174.81	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	1595003	213.27	UG/L	98
63)	ETHYL METHACRYLATE	6.055	69	1443636	198.09	UG/L	89
64)	1,1,2-TRICHLOROETHANE	6.094	97	1120391	179.42	UG/L	98
65)	2-HEXANONE	6.381	43	7172270	1686.10	UG/L	92
66)	TETRACHLOROETHENE	6.203	166	1261100	162.67	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	1833857	178.17	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.465	129	1458168	196.41	UG/L	100
69)	1,2-DIBROMOETHANE	6.551	107	1121573	170.73	UG/L	100
72)	CHLOROBENZENE	7.042	112	3241284	161.72	UG/L	100
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	1217776	182.19	UG/L	99
74)	ETHYLBENZENE	7.176	91	5637728	171.54	UG/L	100
75)	M/P-XYLENES	7.296	91	8517290	331.42	UG/L	99
76)	0-XYLENE	7.675	91	4393749	158.26	UG/L	100
77)	STYRENE	7.695	104	3639123	162.66	UG/L	98
78)	BROMOFORM	7.851	173	1004037	147.48	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	4474159	154.44	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	424284	115.72	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.367	83	1402609	146.39	UG/L	100
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	411165	167.45	UG/L	97
83)	BROMOBENZENE	8.308	77	2066917	150.86	UG/L	98
84)	1,2,3-TRICHLOROPROPANE	8.386	75	1064064	103.27	UG/L	99
85)	N-PROPYLBENZENE	8.456	91	5951559	102.54	UG/L	99
86)	2-CHLOROT0LUENE	8.515	91	3682779	104.62	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	4214011	155.46	UG/L	100
88)	4-CHLOROTOLUENE	8.623	91	4179571	161.16	UG/L	100
90)	TERT-BUTYLBENZENE	8.947	119	3366030	155.15	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	4261215	155.37	UG/L	99
92)	SEC-BUTYLBENZENE	9.167	105	4584629	155.85	UG/L	99
93)	1,3-DICHLOROBENZENE	9.242	146	2472524	155.78	UG/L	100
94)	P-ISOPROPYLTOLUENE	9.320	119	3864379	163.52	UG/L	100
95)	1,4-DICHLOROBENZENE	9.334	146	2531656	156.08	UG/L	99
96)	N-BUTYLBENZENE	9.722	91	3432975	169.87	UG/L	99
97)	1,2-DICHLOROBENZENE	9.689	146	2405212	163.43	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	225384	188.36	UG/L	96
99)	1,3,5-TRICHLOROBENZENE	10.667	180	1605607	175.21	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	1403401	173.64	UG/L	100
101)	HEXACHLOROBUTADIENE	11.462	225	512621	160.87	UG/L	99
102)	NAPHTHALENE	11.501	128	3053083	178.18	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	1181827	168.38	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347038.D	Calibration Date:	12/07/11 00:00
Sequence:	S001576	Injection Date:	12/14/11
Lab Sample ID:	S001576-CCV1	Injection Time:	09:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	105	0.1614669	0.1690094		4.7	20	
Acrylonitrile	A	10.0	10.1	0.2628468	0.2643387		0.6	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.85	1.273677	1.254069		-1.5	20	
Benzene	A	10.0	10.7	2.134214	2.277422		6.7	20	
Bromobenzene	A	10.0	10.0	1.37381	1.378966		0.4	20	
Bromochloromethane	A	10.0	12.2	0.5012127	0.6101974		21.7	20	*
Bromodichloromethane	L	10.0	9.53	0.5645274	0.5997843		-4.7	20	
Bromoform	A	10.0	10.5	0.4866712	0.5120064		5.2	20	
Bromomethane	L	10.0	8.89	0.6502824	0.5209419		-11.1	20	
2-Butanone (MEK)	A	100	131	0.2092159	0.2733349		30.6	20	*
tert-Butyl Alcohol (TBA)	A	100	119	4.223223E-02	5.023398E-02		18.9	20	
n-Butylbenzene	L	10.0	8.69	2.024433	2.295228		-13.1	20	
sec-Butylbenzene	A	10.0	9.63	3.255788	3.136133		-3.7	20	
tert-Butylbenzene	A	10.0	10.9	2.321322	2.535616		9.2	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.1	1.753296	1.946605		11.0	20	
Carbon Disulfide	L	100	82.6	1.661109	1.620161		-17.4	20	
Carbon Tetrachloride	A	10.0	10.4	0.6953856	0.7227619		3.9	20	
Chlorobenzene	A	10.0	10.2	2.236097	2.29066		2.4	20	
Chlorodibromomethane	A	10.0	9.42	0.372674	0.3510724		-5.8	20	
Chloroethane	A	10.0	9.26	0.4455245	0.4123373		-7.4	20	
Chloroform	A	10.0	11.2	1.024886	1.143387		11.6	20	
Chloromethane	A	10.0	9.97	0.7216897	0.7197741		-0.3	20	
2-Chlorotoluene	A	10.0	10.6	2.358593	2.490074		5.6	20	
4-Chlorotoluene	A	10.0	10.2	2.778829	2.843713		2.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347038.D	Calibration Date:	12/07/11 00:00
Sequence:	S001576	Injection Date:	12/14/11
Lab Sample ID:	S001576-CCV1	Injection Time:	09:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	8.62	0.1229792	0.1178772		-13.8	20	
1,2-Dibromoethane (EDB)	A	10.0	9.22	0.3621682	0.3338945		-7.8	20	
Dibromomethane	A	10.0	10.7	0.2645882	0.284088		7.4	20	
1,2-Dichlorobenzene	A	10.0	10.3	1.65366	1.700138		2.8	20	
1,3-Dichlorobenzene	A	10.0	9.81	1.699502	1.667946		-1.9	20	
1,4-Dichlorobenzene	A	10.0	10.2	1.730563	1.769488		2.2	20	
trans-1,4-Dichloro-2-butene	A	10.0	8.92	0.1768173	0.1576921		-10.8	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	8.78	0.6822418	0.5990648		-12.2	20	
1,1-Dichloroethane	A	10.0	10.4	1.115459	1.158879		3.9	20	
1,2-Dichloroethane	A	10.0	11.3	0.6364561	0.7199641		13.1	20	
1,1-Dichloroethylene	L	10.0	8.58	1.071353	1.035223		-14.2	20	
cis-1,2-Dichloroethylene	A	10.0	11.2	0.9550192	1.071598		12.2	20	
trans-1,2-Dichloroethylene	A	10.0	10.6	1.005576	1.061305		5.5	20	
1,2-Dichloropropane	A	10.0	10.6	0.4035074	0.4258769		5.5	20	
1,3-Dichloropropane	A	10.0	8.57	0.5752358	0.4928322		-14.3	20	
2,2-Dichloropropane	A	10.0	6.76	0.5802999	0.3924254		-32.4	20	*
1,1-Dichloropropene	A	10.0	11.0	0.7645043	0.8377411		9.6	20	
cis-1,3-Dichloropropene	A	10.0	9.87	0.5083759	0.5016872		-1.3	20	
trans-1,3-Dichloropropene	A	10.0	8.03	0.388793	0.3122272		-19.7	20	
Diethyl Ether	A	10.0	9.85	0.5148191	0.5069238		-1.5	20	
Diisopropyl Ether (DIPE)	A	10.0	11.0	1.968366	2.172952		10.4	20	
1,4-Dioxane	A	100	136	3.036147E-03	4.143254E-03		36.5	20	*
Ethylbenzene	A	10.0	10.4	3.724122	3.880739		4.2	20	
Hexachlorobutadiene	L	10.0	9.81	0.3565245	0.3829626		-1.9	20	
2-Hexanone (MBK)	A	100	98.4	0.200032	0.1968282		-1.6	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347038.D	Calibration Date:	12/07/11 00:00
Sequence:	S001576	Injection Date:	12/14/11
Lab Sample ID:	S001576-CCV1	Injection Time:	09:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.7	2.79466	2.999909		7.3	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.3	2.586133	2.663406		3.0	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.88	1.786272	1.764891		-1.2	20	
Methylene Chloride	A	10.0	8.73	1.15993	1.012067		-12.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	116	0.3269849	0.3788559		15.9	20	
Naphthalene	L	10.0	10.1	1.319631	1.183849		0.6	20	
n-Propylbenzene	A	10.0	10.5	3.72859	3.926897		5.3	20	
Styrene	A	10.0	10.4	2.238429	2.321869		3.7	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.1	0.7555013	0.765135		1.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.6	0.8842666	0.938578		6.1	20	
Tetrachloroethylene	A	10.0	8.28	0.4403607	0.3648323		-17.2	20	
Tetrahydrofuran	A	10.0	12.9	0.1368709	0.1768329		29.2	20	*
Toluene	A	10.0	8.80	1.715396	1.509675		-12.0	20	
1,2,3-Trichlorobenzene	L	10.0	10.1	0.5966709	0.6052607		1.4	20	
1,2,4-Trichlorobenzene	L	10.0	8.76	0.6405135	0.6767697		-12.4	20	
1,3,5-Trichlorobenzene	L	10.0	9.09	0.8922156	1.063516		-9.1	20	
1,1,1-Trichloroethane	A	10.0	11.1	0.8309621	0.9228731		11.1	20	
1,1,2-Trichloroethane	A	10.0	8.29	0.3744895	0.3105946		-17.1	20	
Trichloroethylene	A	10.0	10.3	0.4215348	0.4336096		2.9	20	
Trichlorofluoromethane (Freon 11)	A	10.0	11.0	0.926608	1.014697		9.5	20	
1,2,3-Trichloropropane	A	10.0	11.7	0.6611642	0.7707747		16.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	L	10.0	8.54	0.5908211	0.5651348		-14.6	20	
1,2,4-Trimethylbenzene	A	10.0	10.3	2.85258	2.932737		2.8	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347038.D	Calibration Date:	12/07/11 00:00
Sequence:	S001576	Injection Date:	12/14/11
Lab Sample ID:	S001576-CCV1	Injection Time:	09:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.6	2.746335	2.903268		5.7	20
Vinyl Chloride	A	10.0	9.87	0.8369604	0.8261787		-1.3	20
m+p Xylene	A	20.0	20.4	2.88165	2.938684		2.0	20
o-Xylene	A	10.0	10.7	2.832473	3.02254		6.7	20
1,2-Dichloroethane-d4	A	25.0	27.3	0.5631325	0.6151232		9.2	
Toluene-d8	A	25.0	21.6	1.205274	1.042397		-13.5	
4-Bromofluorobenzene	A	25.0	26.6	0.8849197	0.9408083		6.3	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347038.D Vial: 38
Acq On : 14 Dec 2011 9:22 am Operator:
Sample : 8260STD 10PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:32:40 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	293192	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	411633	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	164371	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	162525	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	150291	27.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.24%				
49) TOLUENE SS	5.606	98	357571	21.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	128868	26.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.32%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	58547	8.78	UG/L		97
4) DIFLUOROCHLOROMETHANE	0.877	51	77049	9.04	UG/L		100
5) CHLOROMETHANE	0.952	50	70344	9.97	UG/L		99
6) VINYL CHLORIDE	1.002	62	80743	9.87	UG/L		97
7) BROMOMETHANE	1.147	94	50912	8.89	UG/L		98
8) CHLOROETHANE	1.192	64	40298	9.26	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	127281	8.57	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	99167	10.95	UG/L		98
11) ETHANOL	1.398	45	4177	77.65	UG/L	#	89
12) DI ETHYL ETHER	1.451	59	49542	9.85	UG/L		98
13) ACROLEIN	1.518	56	35044m	79.74	UG/L		
14) ACETONE	1.602	43	165174	104.67	UG/L		98
15) 1,1-DICHLOROETHENE	1.568	61	101173	8.58	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	55231	8.54	UG/L		97
17) IODOMETHANE	1.655	142	783469	71.32	UG/L	#	100
20) METHYL ACETATE	1.786	43	134680	11.01	UG/L		100
21) T-BUTYL ALCOHOL	1.931	59	49094	118.95	UG/L	#	92
22) ACRYLONITRILE	2.009	53	25834	10.06	UG/L		98
23) METHYLENE CHLORIDE	1.844	49	98910	8.73	UG/L		99
24) CARBON DISULFIDE	1.691	76	1583394	82.63	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	172484	9.88	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	103722	10.55	UG/L		93
27) 1,1-DICHLOROETHANE	2.327	63	113258	10.39	UG/L		99
28) VINYL ACETATE	2.374	43	1092084	90.98	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	212364	11.04	UG/L		95
31) 2-BUTANONE	2.868	43	267132	130.65	UG/L		98
32) T-BUTYL ETHYL ETHER	2.709	59	190243	11.10	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.834	61	104728	11.22	UG/L		99
34) 2,2-DICHLOROPROPANE	2.831	77	38352m	6.76	UG/L		
35) ETHYL ACETATE	2.943	43	59037	13.64	UG/L	#	93
38) BROMOCHLOROMETHANE	3.074	49	59635	12.17	UG/L		95
39) TETRAHYDROFURAN	3.141	42	17282	12.92	UG/L	#	84
40) CHLOROFORM	3.172	83	111744	11.16	UG/L		96
41) 1,1,1-TRICHLOROETHANE	3.344	97	90193	11.11	UG/L		97
42) CYCLOHEXANE	3.392	56	100655	11.54	UG/L		95
43) CARBON TETRACHLORIDE	3.506	117	70636	10.39	UG/L		100
44) 1,1-DICHLOROPROPENE	3.515	75	81873	10.96	UG/L		98
45) BENZENE	3.724	78	222574	10.67	UG/L		99
47) T-AMYLMETHYL ETHER	3.869	73	122561	9.85	UG/L	#	83
50) 1,2-DICHLOROETHANE	3.754	62	98787	11.31	UG/L		99
51) TRICHLOROETHENE	4.387	95	59496	10.29	UG/L		96
52) METHYLCYCLOHEXANE	4.566	83	72941	10.05	UG/L		96
53) 1,2-DICHLOROPROPANE	4.613	63	58435	10.55	UG/L	#	74
54) DIBROMOMETHANE	4.725	93	38980	10.74	UG/L		97
56) 1,4-DIOXANE	4.769	88	5685m	136.46	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347038.D Vial: 38
Acq On : 14 Dec 2011 9:22 am Operator:
Sample : 8260STD 10PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:32:40 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

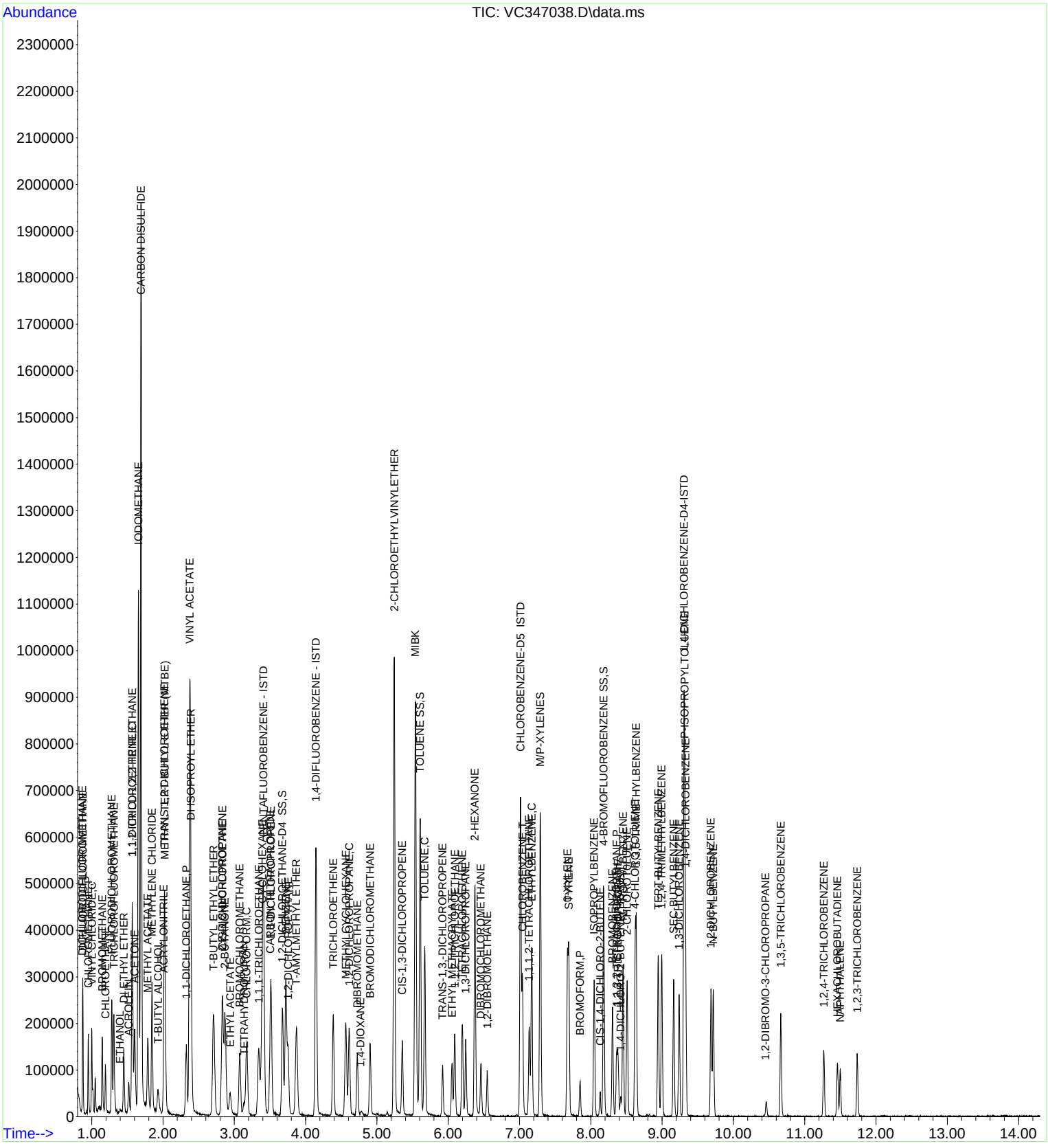
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	82297	9.53	UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.244	63	345683	116.10	UG/L		94
59)	MIBK	5.539	43	519832	115.86	UG/L		97
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	68837	9.87	UG/L		99
61)	TOLUENE	5.670	91	207144	8.80	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	42841m	8.03	UG/L		
63)	ETHYL METHACRYLATE	6.055	69	46110m	7.47	UG/L		
64)	1,1,2-TRICHLOROETHANE	6.091	97	42617	8.29	UG/L		100
65)	2-HEXANONE	6.373	43	270070	98.40	UG/L		97
66)	TETRACHLOROETHENE	6.197	166	50059	8.28	UG/L		98
67)	1,3-DICHLOROPROPANE	6.245	76	67622	8.57	UG/L		97
68)	DIBROMOCHLOROMETHANE	6.457	129	48171	9.42	UG/L		99
69)	1,2-DIBROMOETHANE	6.549	107	45814	9.22	UG/L		100
72)	CHLOROBENZENE	7.042	112	125506	10.24	UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	41922	10.13	UG/L		95
74)	ETHYLBENZENE	7.170	91	212627	10.42	UG/L		97
75)	M/P-XYLENES	7.290	91	322023	20.40	UG/L		100
76)	0-XYLENE	7.672	91	165606	10.67	UG/L		96
77)	STYRENE	7.692	104	127216	10.37	UG/L		97
78)	BROMOFORM	7.851	173	28053	10.52	UG/L		97
79)	ISOPROPYLBENZENE	8.046	105	164366	10.73	UG/L		100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	9120	7.24	UG/L	#	68
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	51425	10.61	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	8640	8.92	UG/L	#	85
83)	BROMOBENZENE	8.303	77	75554	10.04	UG/L		99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	42231	11.66	UG/L		98
85)	N-PROPYLBENZENE	8.453	91	215156	10.53	UG/L		98
86)	2-CHLOROT0LUENE	8.509	91	136432	10.56	UG/L		98
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	159071	10.57	UG/L		99
88)	4-CHLOROTOLUENE	8.621	91	155808	10.23	UG/L		99
90)	TERT-BUTYLBENZENE	8.947	119	137367	10.92	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	158881	10.28	UG/L		99
92)	SEC-BUTYLBENZENE	9.162	105	169900	9.63	UG/L		100
93)	1,3-DICHLOROBENZENE	9.237	146	90361	9.81	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.318	119	144290	10.30	UG/L		98
95)	1,4-DICHLOROBENZENE	9.329	146	95862	10.22	UG/L		99
96)	N-BUTYLBENZENE	9.717	91	124344	8.69	UG/L		98
97)	1,2-DICHLOROBENZENE	9.683	146	92105	10.28	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.453	75	6386	8.62	UG/L		94
99)	1,3,5-TRICHLOROBENZENE	10.665	180	57616	9.09	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	36664	8.76	UG/L		96
101)	HEXACHLOROBUTADIENE	11.459	225	20747	9.81	UG/L	#	51
102)	NAPHTHALENE	11.498	128	64135	10.06	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	32790	10.14	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347038.D Vial: 38
Acq On : 14 Dec 2011 9:22 am Operator:
Sample : 8260STD 10PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:32:40 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347073.D	Calibration Date:	12/07/11 00:00
Sequence:	S001577	Injection Date:	12/15/11
Lab Sample ID:	S001577-CCV1	Injection Time:	02:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	105	0.1614669	0.1693583		4.9	20	
Acrylonitrile	A	10.0	10.2	0.2628468	0.2680948		2.0	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.2	1.273677	1.293036		1.5	20	
Benzene	A	10.0	11.2	2.134214	2.389273		12.0	20	
Bromobenzene	A	10.0	8.61	1.37381	1.18249		-13.9	20	
Bromochloromethane	A	10.0	12.0	0.5012127	0.6024006		20.2	20	*
Bromodichloromethane	L	10.0	9.79	0.5645274	0.6168616		-2.1	20	
Bromoform	A	10.0	10.1	0.4866712	0.4921896		1.1	20	
Bromomethane	L	10.0	8.52	0.6502824	0.4956305		-14.8	20	
2-Butanone (MEK)	A	100	132	0.2092159	0.2753919		31.6	20	*
tert-Butyl Alcohol (TBA)	A	100	116	4.223223E-02	4.918343E-02		16.5	20	
n-Butylbenzene	L	10.0	8.63	2.024433	2.284321		-13.7	20	
sec-Butylbenzene	A	10.0	9.55	3.255788	3.108286		-4.5	20	
tert-Butylbenzene	A	10.0	10.0	2.321322	2.332956		0.5	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.9	1.753296	1.911117		9.0	20	
Carbon Disulfide	L	100	83.3	1.661109	1.633757		-16.7	20	
Carbon Tetrachloride	A	10.0	10.6	0.6953856	0.7388963		6.3	20	
Chlorobenzene	A	10.0	9.87	2.236097	2.207901		-1.3	20	
Chlorodibromomethane	A	10.0	12.2	0.372674	0.4557576		22.3	20	*
Chloroethane	A	10.0	9.39	0.4455245	0.4183084		-6.1	20	
Chloroform	A	10.0	11.6	1.024886	1.183907		15.5	20	
Chloromethane	A	10.0	9.53	0.7216897	0.6875432		-4.7	20	
2-Chlorotoluene	A	10.0	9.05	2.358593	2.13357		-9.5	20	
4-Chlorotoluene	A	10.0	8.80	2.778829	2.445277		-12.0	20	

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CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347073.D	Calibration Date:	12/07/11 00:00
Sequence:	S001577	Injection Date:	12/15/11
Lab Sample ID:	S001577-CCV1	Injection Time:	02:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	9.01	0.1229792	0.1233705		-9.9	20	
1,2-Dibromoethane (EDB)	A	10.0	11.0	0.3621682	0.3966485		9.5	20	
Dibromomethane	A	10.0	11.0	0.2645882	0.290528		9.8	20	
1,2-Dichlorobenzene	A	10.0	10.2	1.65366	1.690907		2.3	20	
1,3-Dichlorobenzene	A	10.0	9.59	1.699502	1.630502		-4.1	20	
1,4-Dichlorobenzene	A	10.0	10.3	1.730563	1.787792		3.3	20	
trans-1,4-Dichloro-2-butene	A	10.0	8.89	0.1768173	0.157147		-11.1	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	9.69	0.6822418	0.6614057		-3.1	20	
1,1-Dichloroethane	A	10.0	10.5	1.115459	1.17462		5.3	20	
1,2-Dichloroethane	A	10.0	11.5	0.6364561	0.7340485		15.3	20	
1,1-Dichloroethylene	L	10.0	8.63	1.071353	1.041207		-13.7	20	
cis-1,2-Dichloroethylene	A	10.0	11.5	0.9550192	1.098457		15.0	20	
trans-1,2-Dichloroethylene	A	10.0	10.3	1.005576	1.034487		2.9	20	
1,2-Dichloropropane	A	10.0	10.8	0.4035074	0.4376667		8.5	20	
1,3-Dichloropropane	A	10.0	11.1	0.5752358	0.6383673		11.0	20	
2,2-Dichloropropane	A	10.0	8.50	0.5802999	0.4931526		-15.0	20	
1,1-Dichloropropene	A	10.0	11.5	0.7645043	0.8802091		15.1	20	
cis-1,3-Dichloropropene	A	10.0	10.6	0.5083759	0.5405257		6.3	20	
trans-1,3-Dichloropropene	A	10.0	10.1	0.388793	0.3928296		1.0	20	
Diethyl Ether	A	10.0	9.60	0.5148191	0.4940942		-4.0	20	
Diisopropyl Ether (DIPE)	A	10.0	11.1	1.968366	2.186448		11.1	20	
1,4-Dioxane	A	100	131	3.036147E-03	3.977774E-03		31.0	20	*
Ethylbenzene	A	10.0	10.5	3.724122	3.894378		4.6	20	
Hexachlorobutadiene	L	10.0	9.86	0.3565245	0.385179		-1.4	20	
2-Hexanone (MBK)	A	100	138	0.200032	0.2753062		37.6	20	*

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CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347073.D	Calibration Date:	12/07/11 00:00
Sequence:	S001577	Injection Date:	12/15/11
Lab Sample ID:	S001577-CCV1	Injection Time:	02:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.6	2.79466	2.949634		5.5	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.2	2.586133	2.628985		1.7	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.57	1.786272	1.710314		-4.3	20	
Methylene Chloride	A	10.0	8.23	1.15993	0.9546567		-17.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	129	0.3269849	0.4227577		29.3	20	*
Naphthalene	L	10.0	10.1	1.319631	1.191565		0.9	20	
n-Propylbenzene	A	10.0	8.95	3.72859	3.338423		-10.5	20	
Styrene	A	10.0	10.4	2.238429	2.328491		4.0	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.90	0.7555013	0.748125		-1.0	20	
1,1,2,2-Tetrachloroethane	A	10.0	8.88	0.8842666	0.7848455		-11.2	20	
Tetrachloroethylene	A	10.0	10.5	0.4403607	0.4604545		4.6	20	
Tetrahydrofuran	A	10.0	13.7	0.1368709	0.1872937		36.8	20	*
Toluene	A	10.0	10.4	1.715396	1.77712		3.6	20	
1,2,3-Trichlorobenzene	L	10.0	10.1	0.5966709	0.6020191		1.1	20	
1,2,4-Trichlorobenzene	L	10.0	9.31	0.6405135	0.7307637		-6.9	20	
1,3,5-Trichlorobenzene	L	10.0	9.10	0.8922156	1.064713		-9.0	20	
1,1,1-Trichloroethane	A	10.0	11.5	0.8309621	0.9523076		14.6	20	
1,1,2-Trichloroethane	A	10.0	10.3	0.3744895	0.387171		3.4	20	
Trichloroethylene	A	10.0	11.0	0.4215348	0.4655069		10.4	20	
Trichlorofluoromethane (Freon 11)	A	10.0	11.1	0.926608	1.027439		10.9	20	
1,2,3-Trichloropropane	A	10.0	9.35	0.6611642	0.6180907		-6.5	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	L	10.0	8.62	0.5908211	0.5719119		-13.8	20	
1,2,4-Trimethylbenzene	A	10.0	10.5	2.85258	2.983442		4.6	20	

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CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347073.D	Calibration Date:	12/07/11 00:00
Sequence:	S001577	Injection Date:	12/15/11
Lab Sample ID:	S001577-CCV1	Injection Time:	02:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	8.85	2.746335	2.430729		-11.5	20
Vinyl Chloride	A	10.0	10.3	0.8369604	0.8615451		2.9	20
m+p Xylene	A	20.0	21.1	2.88165	3.035947		5.4	20
o-Xylene	A	10.0	10.7	2.832473	3.030233		7.0	20
1,2-Dichloroethane-d4	A	25.0	28.0	0.5631325	0.6314542		12.1	
Toluene-d8	A	25.0	25.2	1.205274	1.217188		1.0	
4-Bromofluorobenzene	A	25.0	23.8	0.8849197	0.8429442		-4.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347073.D Vial: 72
Acq On : 15 Dec 2011 2:34 am Operator:
Sample : 8260STD 10PPB/BFB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:26:15 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	302669	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	430492	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	219196	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	179192	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.671	65	159268	28.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.12%				
49) TOLUENE SS	5.609	98	436658	25.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.00%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	153975	23.81	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66729	9.69	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.874	51	89287	10.15	UG/L		97
5) CHLOROMETHANE	0.952	50	69366	9.53	UG/L		98
6) VINYL CHLORIDE	0.999	62	86921	10.29	UG/L		99
7) BROMOMETHANE	1.147	94	50004	8.52	UG/L		94
8) CHLOROETHANE	1.192	64	42203	9.39	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	131387	8.57	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.309	101	103658	11.09	UG/L		95
11) ETHANOL	1.406	45	5919m	106.59	UG/L		
12) DI ETHYL ETHER	1.448	59	49849	9.60	UG/L		98
13) ACROLEIN	1.518	56	38169	83.35	UG/L		97
14) ACETONE	1.599	43	170865	104.89	UG/L		97
15) 1,1-DICHLOROETHENE	1.568	61	105047	8.63	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	57700	8.62	UG/L		95
17) IODOMETHANE	1.655	142	834410	73.23	UG/L	#	100
20) METHYL ACETATE	1.786	43	132474	10.49	UG/L		99
21) T-BUTYL ALCOHOL	1.931	59	49621	116.46	UG/L	#	84
22) ACRYLONITRILE	2.006	53	27048	10.20	UG/L		99
23) METHYLENE CHLORIDE	1.847	49	96315	8.23	UG/L		99
24) CARBON DISULFIDE	1.691	76	1648292	83.29	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	172553	9.57	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	104369	10.29	UG/L		98
27) 1,1-DICHLOROETHANE	2.329	63	118507	10.53	UG/L		99
28) VINYL ACETATE	2.374	43	1120720	90.48	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	220590	11.11	UG/L		94
31) 2-BUTANONE	2.870	43	277842	131.63	UG/L		97
32) T-BUTYL ETHYL ETHER	2.714	59	192812	10.90	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.834	61	110823	11.50	UG/L		98
34) 2,2-DICHLOROPROPANE	2.831	77	49754	8.50	UG/L		99
35) ETHYL ACETATE	2.949	43	58430	13.00	UG/L		98
38) BROMOCHLOROMETHANE	3.080	49	60776	12.02	UG/L		96
39) TETRAHYDROFURAN	3.141	42	18896	13.68	UG/L	#	76
40) CHLOROFORM	3.174	83	119444	11.55	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	96078	11.46	UG/L		96
42) CYCLOHEXANE	3.389	56	107654	11.95	UG/L		99
43) CARBON TETRACHLORIDE	3.503	117	74547	10.63	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	88804	11.51	UG/L		99
45) BENZENE	3.721	78	241053	11.20	UG/L		99
47) T-AMYLMETHYL ETHER	3.872	73	130454	10.15	UG/L	#	83
50) 1,2-DICHLOROETHANE	3.752	62	105334	11.53	UG/L		98
51) TRICHLOROETHENE	4.385	95	66799	11.04	UG/L		95
52) METHYLCYCLOHEXANE	4.563	83	79122	10.42	UG/L		92
53) 1,2-DICHLOROPROPANE	4.611	63	62804	10.85	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	41690	10.98	UG/L		98
56) 1,4-DIOXANE	4.781	88	5708m	131.01	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347073.D Vial: 72
Acq On : 15 Dec 2011 2:34 am Operator:
Sample : 8260STD 10PPB/BFB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:26:15 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

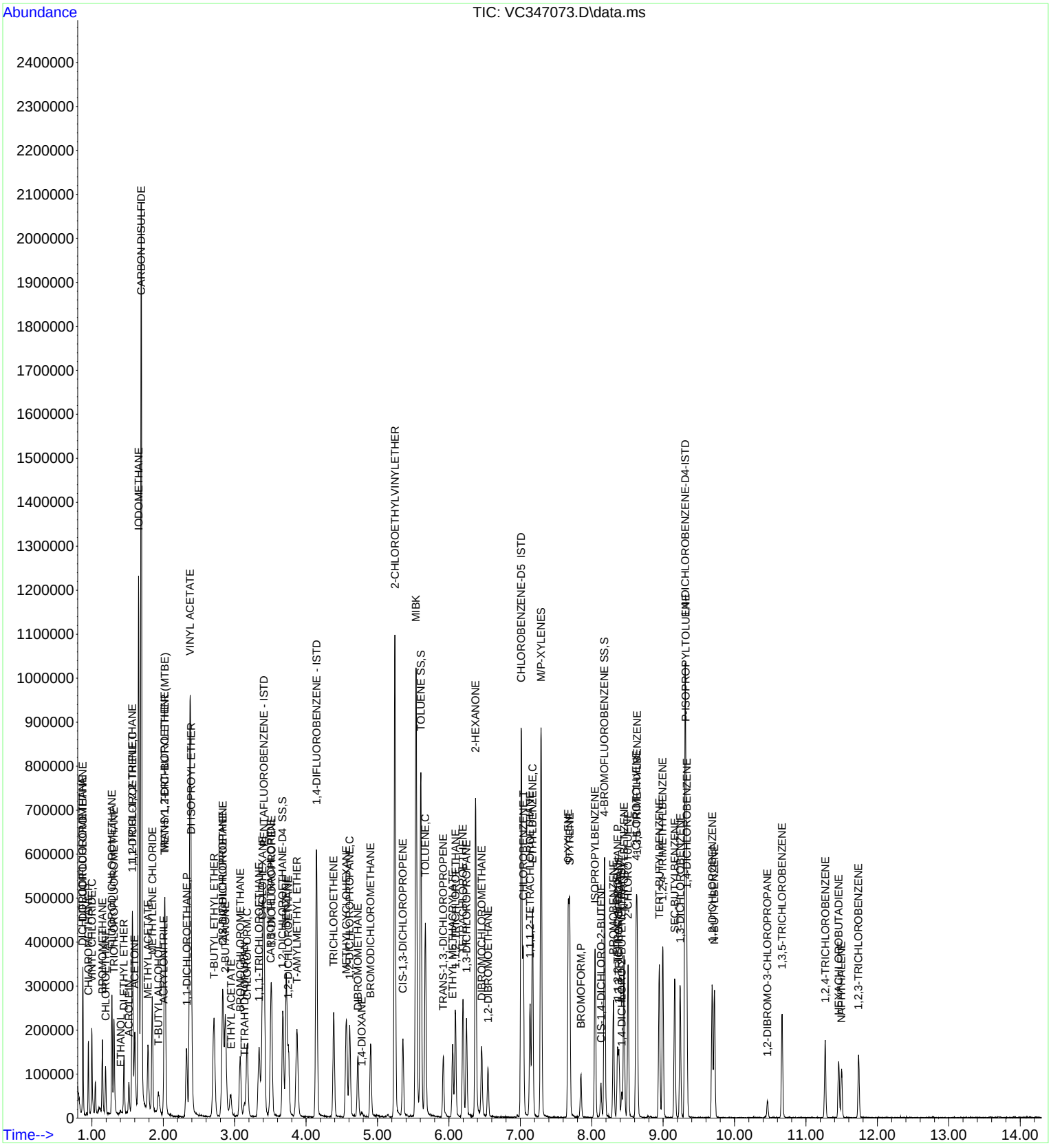
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	88518	9.79	UG/L		100
58)	2-CHLOROETHYLVINYLETHER	5.244	63	387326	124.39	UG/L		94
59)	MIBK	5.539	43	606646	129.29	UG/L		97
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	77564	10.63	UG/L		98
61)	TOLUENE	5.670	91	255012	10.36	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	56370	10.10	UG/L		97
63)	ETHYL METHACRYLATE	6.052	69	64731	9.68	UG/L		96
64)	1,1,2-TRICHLOROETHANE	6.094	97	55558	10.34	UG/L		96
65)	2-HEXANONE	6.373	43	395057	137.63	UG/L		97
66)	TETRACHLOROETHENE	6.197	166	66074	10.46	UG/L		98
67)	1,3-DICHLOROPROPANE	6.247	76	91604	11.10	UG/L		98
68)	DIBROMOCHLOROMETHANE	6.459	129	65400	12.23	UG/L		99
69)	1,2-DIBROMOETHANE	6.549	107	56918	10.95	UG/L		98
72)	CHLOROBENZENE	7.042	112	161321	9.87	UG/L		95
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	54662	9.90	UG/L		97
74)	ETHYLBENZENE	7.171	91	284544	10.46	UG/L		98
75)	M/P-XYLENES	7.290	91	443645	21.07	UG/L		98
76)	0-XYLENE	7.670	91	221405	10.70	UG/L		98
77)	STYRENE	7.692	104	170132	10.40	UG/L		94
78)	BROMOFORM	7.851	173	35962	10.11	UG/L		98
79)	ISOPROPYLBENZENE	8.046	105	215516	10.55	UG/L		97
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	15620	9.24	UG/L	#	67
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	57345	8.88	UG/L		97
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	11482	8.89	UG/L	#	81
83)	BROMOBENZENE	8.303	77	86399	8.61	UG/L		99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	45161	9.35	UG/L		99
85)	N-PROPYLBENZENE	8.453	91	243923	8.95	UG/L		99
86)	2-CHLOROT0LUENE	8.509	91	155890	9.05	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.635	105	177602	8.85	UG/L		99
88)	4-CHLOROTOLUENE	8.623	91	178665	8.80	UG/L		98
90)	TERT-BUTYLBENZENE	8.947	119	139349	10.05	UG/L		96
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	178203	10.46	UG/L		99
92)	SEC-BUTYLBENZENE	9.162	105	185660	9.55	UG/L		98
93)	1,3-DICHLOROBENZENE	9.240	146	97391	9.59	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.318	119	157031	10.17	UG/L		98
95)	1,4-DICHLOROBENZENE	9.332	146	106786	10.33	UG/L		99
96)	N-BUTYLBENZENE	9.719	91	136444	8.63	UG/L		99
97)	1,2-DICHLOROBENZENE	9.689	146	100999	10.23	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	7369	9.01	UG/L		90
99)	1,3,5-TRICHLOROBENZENE	10.665	180	63596	9.10	UG/L		96
100)	1,2,4-TRICHLOROBENZENE	11.273	180	43649	9.31	UG/L		99
101)	HEXACHLOROBUTADIENE	11.459	225	23007	9.86	UG/L		92
102)	NAPHTHALENE	11.499	128	71173	10.09	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.736	180	35959	10.11	UG/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121311\VC347073.D
Acq On : 15 Dec 2011 2:34 am
Sample : 8260STD 10PPB/BFB
Misc :
Quant Time: Dec 15 07:26:15 2011

Vial: 72
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001576	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001576-CCV1)			*Lab File ID: VC347038.D*			*Analyzed: 12/14/11 09:22*			
Pentafluorobenzene	293192	3.409	335223	3.411	87	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	411633	4.145	361786	4.148	114	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	164371	7.014	168011	7.012	98	50 - 200	0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	162525	9.307	169748	9.309	96	50 - 200	-0.0020	+/-0.50	
LCS (B042744-BS1)			*Lab File ID: VC347041.D*			*Analyzed: 12/14/11 10:29*			
Pentafluorobenzene	270639	3.409	293192	3.409	92	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	356903	4.145	411633	4.145	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	174785	7.014	164371	7.014	106	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	190276	9.309	162525	9.307	117	50 - 200	0.0020	+/-0.50	
LCS Dup (B042744-BSD1)			*Lab File ID: VC347042.D*			*Analyzed: 12/14/11 10:59*			
Pentafluorobenzene	304362	3.409	293192	3.409	104	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	425819	4.145	411633	4.145	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	219829	7.014	164371	7.014	134	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	212788	9.307	162525	9.307	131	50 - 200	0.0000	+/-0.50	
Blank (B042744-BLK1)			*Lab File ID: VC347044.D*			*Analyzed: 12/14/11 11:59*			
Pentafluorobenzene	270606	3.406	293192	3.409	92	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	355440	4.145	411633	4.145	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	199900	7.014	164371	7.014	122	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	177606	9.309	162525	9.307	109	50 - 200	0.0020	+/-0.50	
TB-120211 (11L0228-01)			*Lab File ID: VC347054.D*			*Analyzed: 12/14/11 17:01*			
Pentafluorobenzene	251101	3.41	293192	3.409	86	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	336551	4.14	411633	4.145	82	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	166530	7.01	164371	7.014	101	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	150898	9.31	162525	9.307	93	50 - 200	0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001576	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW20-200 (11L0228-02)			*Lab File ID: VC347059.D*			*Analyzed: 12/14/11 19:32*			
Pentafluorobenzene	256255	3.41	293192	3.409	87	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	345283	4.14	411633	4.145	84	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	176009	7.01	164371	7.014	107	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	165513	9.31	162525	9.307	102	50 - 200	0.0030	+/-0.50	
PW23-150 (11L0228-04)			*Lab File ID: VC347060.D*			*Analyzed: 12/14/11 20:02*			
Pentafluorobenzene	243145	3.41	293192	3.409	83	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	349797	4.14	411633	4.145	85	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	177344	7.01	164371	7.014	108	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	161359	9.31	162525	9.307	99	50 - 200	0.0030	+/-0.50	
PW23-175 (11L0228-05)			*Lab File ID: VC347061.D*			*Analyzed: 12/14/11 20:32*			
Pentafluorobenzene	286494	3.41	293192	3.409	98	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	343913	4.14	411633	4.145	84	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	174458	7.01	164371	7.014	106	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	175263	9.31	162525	9.307	108	50 - 200	0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001577	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001577-CCV1)			*Lab File ID: VC347073.D*			*Analyzed: 12/15/11 02:34*			
Pentafluorobenzene	302669	3.409	335223	3.411	90	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	430492	4.148	361786	4.148	119	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	219196	7.012	168011	7.012	130	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	179192	9.309	169748	9.309	106	50 - 200	0.0000	+/-0.50	
LCS (B042817-BS1)			*Lab File ID: VC347075.D*			*Analyzed: 12/15/11 03:35*			
Pentafluorobenzene	249671	3.41	302669	3.409	82	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	359060	4.14	430492	4.148	83	50 - 200	-0.0080	+/-0.50	
Chlorobenzene-d5	203977	7.01	219196	7.012	93	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	208307	9.31	179192	9.309	116	50 - 200	0.0010	+/-0.50	
LCS Dup (B042817-BSD1)			*Lab File ID: VC347076.D*			*Analyzed: 12/15/11 04:05*			
Pentafluorobenzene	250883	3.41	302669	3.409	83	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	341984	4.15	430492	4.148	79	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	174307	7.01	219196	7.012	80	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	180595	9.31	179192	9.309	101	50 - 200	0.0010	+/-0.50	
Blank (B042817-BLK1)			*Lab File ID: VC347078.D*			*Analyzed: 12/15/11 05:06*			
Pentafluorobenzene	257406	3.41	302669	3.409	85	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	354219	4.15	430492	4.148	82	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	179634	7.01	219196	7.012	82	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	167370	9.31	179192	9.309	93	50 - 200	0.0010	+/-0.50	
PW23-100 (11L0228-03)			*Lab File ID: VC347095.D*			*Analyzed: 12/15/11 13:41*			
Pentafluorobenzene	278963	3.41	302669	3.409	92	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	373885	4.14	430492	4.148	87	50 - 200	-0.0080	+/-0.50	
Chlorobenzene-d5	178238	7.01	219196	7.012	81	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	198762	9.31	179192	9.309	111	50 - 200	0.0010	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001577	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW23-200 (11L0228-06)			*Lab File ID: VC347096.D*			*Analyzed: 12/15/11 14:12*			
Pentafluorobenzene	280587	3.41	302669	3.409	93	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	377813	4.15	430492	4.148	88	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	181392	7.01	219196	7.012	83	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	168255	9.31	179192	9.309	94	50 - 200	0.0010	+/-0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BLK1	File ID:	VC347044.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 11:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BLK1	File ID:	VC347044.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 11:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BLK1	File ID:	VC347044.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 11:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347044.D Vial: 43
Acq On : 14 Dec 2011 11:59 am Operator:
Sample : B0-BLK1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:39:11 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.406	168	270606	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	355440	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	199900	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	177606	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.671	65	136083	26.79	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.16%			
49) TOLUENE SS	5.606	98	340546	23.85	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	147445	25.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%			
Target Compounds						Qvalue
23) METHYLENE CHLORIDE	1.844	49	13411	1.28	UG/L	96

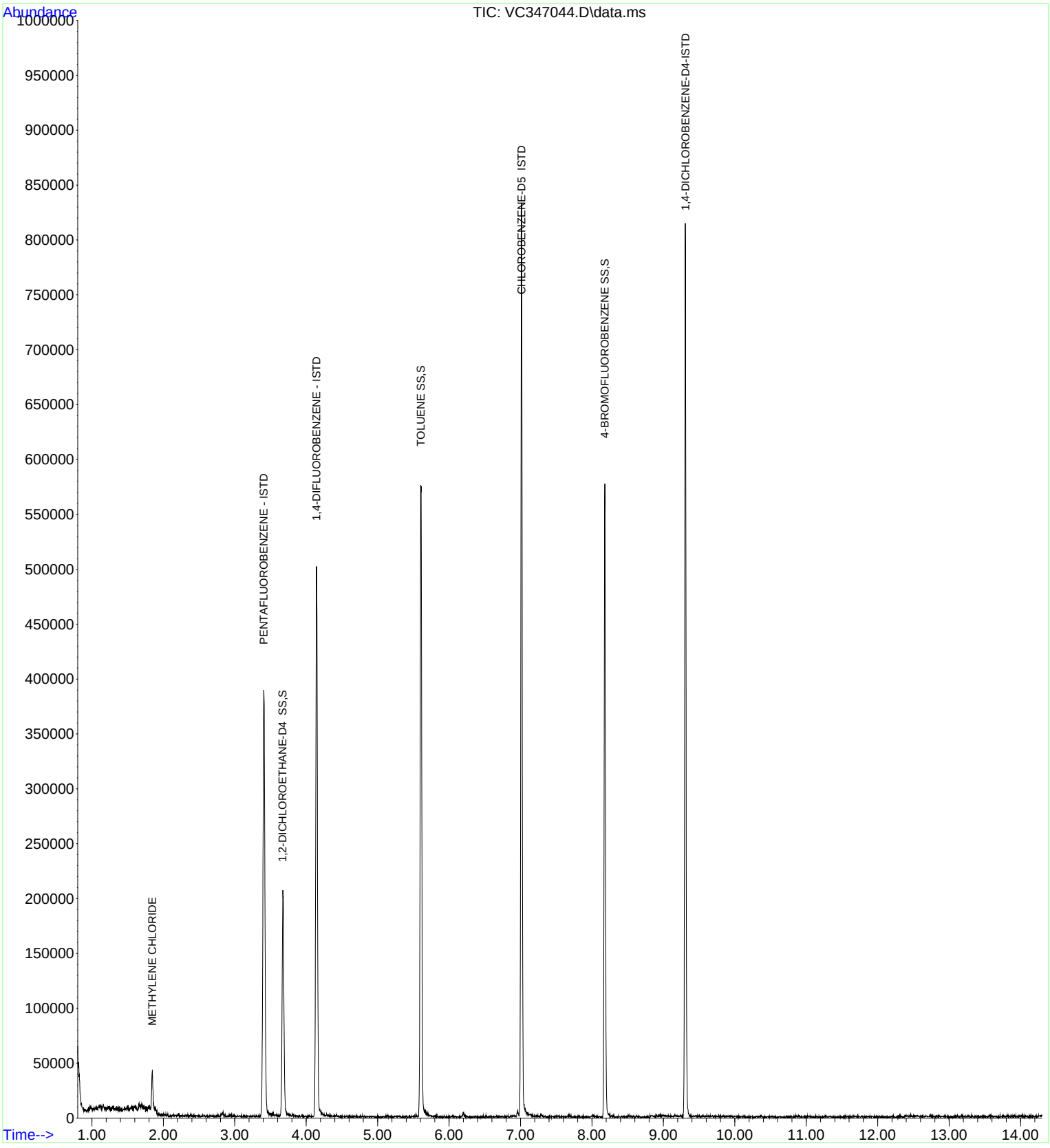
(#) = qualifier out of range (m) = manual integration (+) = signals summed

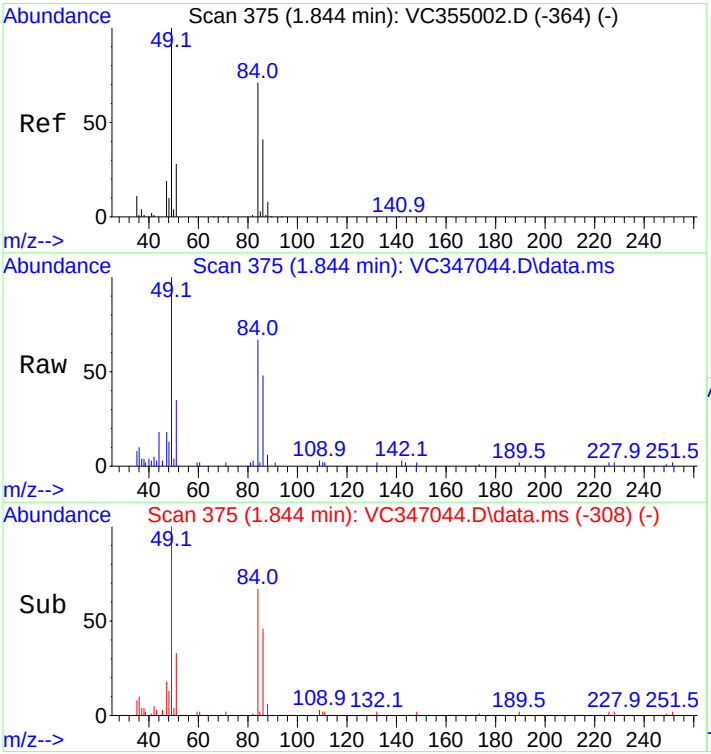
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347044.D
Acq On : 14 Dec 2011 11:59 am
Sample : B0-BLK1
Misc :
Quant Time: Dec 14 14:39:11 2011

Vial: 43
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

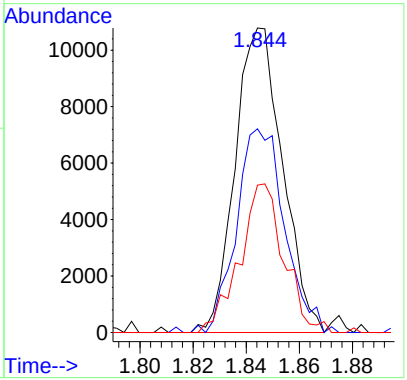




#23
METHYLENE CHLORIDE
Concen: 1.28 UG/L
RT: 1.844 min Scan# 375
Delta R.T. -0.002 min
Lab File: VC347044.D
Acq: 14 Dec 2011 11:59 am

Tgt Ion: 49 Resp: 13411

Ion	Ratio	Lower	Upper
49	100		
84	67.8	57.8	86.8
86	45.3	37.5	56.3



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BS1	File ID:	VC347041.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	126	0.54	50	
107-13-1	Acrylonitrile	9.51	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	9.03	0.11	0.50	
71-43-2	Benzene	10.5	0.050	1.0	
108-86-1	Bromobenzene	13.1	0.10	1.0	L-07
74-97-5	Bromochloromethane	10.6	0.10	1.0	V-20
75-27-4	Bromodichloromethane	8.51	0.080	0.50	
75-25-2	Bromoform	11.1	0.25	1.0	
74-83-9	Bromomethane	5.27	0.38	2.0	
78-93-3	2-Butanone (MEK)	107	0.41	20	V-20
75-65-0	tert-Butyl Alcohol (TBA)	102	3.5	20	V-16
104-51-8	n-Butylbenzene	8.90	0.050	1.0	
135-98-8	sec-Butylbenzene	9.04	0.050	1.0	
98-06-6	tert-Butylbenzene	9.24	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.67	0.070	0.50	
75-15-0	Carbon Disulfide	13.1	0.050	10	L-07
56-23-5	Carbon Tetrachloride	10.2	0.090	5.0	
108-90-7	Chlorobenzene	9.93	0.050	1.0	
124-48-1	Chlorodibromomethane	11.0	0.12	0.50	
75-00-3	Chloroethane	9.15	0.33	2.0	
67-66-3	Chloroform	10.8	0.040	2.0	
74-87-3	Chloromethane	7.87	0.13	2.0	
95-49-8	2-Chlorotoluene	13.2	0.050	10	L-07
106-43-4	4-Chlorotoluene	11.8	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.42	0.48	5.0	R-05
106-93-4	1,2-Dibromoethane (EDB)	11.0	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BS1	File ID:	VC347041.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	8.93	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.1	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.1	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	11.6	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.27	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.3	0.090	1.0	
75-35-4	1,1-Dichloroethylene	8.63	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.0	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.4	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.45	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.84	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.2	0.13	1.0	V-05
563-58-6	1,1-Dichloropropene	10.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.7	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.2	0.12	0.50	
60-29-7	Diethyl Ether	10.1	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.0	0.030	0.50	
123-91-1	1,4-Dioxane	136	3.5	50	L-07, V-16, V-20
100-41-4	Ethylbenzene	11.9	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.1	0.26	0.50	
591-78-6	2-Hexanone (MBK)	119	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	13.6	0.060	1.0	L-07
99-87-6	p-Isopropyltoluene (p-Cymene)	10.9	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.63	0.050	1.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BS1	File ID:	VC347041.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.72	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	104	0.22	10	
91-20-3	Naphthalene	9.28	0.21	2.0	
103-65-1	n-Propylbenzene	13.6	0.040	1.0	L-07
100-42-5	Styrene	11.0	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.4	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	12.7	0.18	0.50	
127-18-4	Tetrachloroethylene	10.9	0.14	1.0	
109-99-9	Tetrahydrofuran	10.3	1.0	10	V-20
108-88-3	Toluene	10.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.34	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.76	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.87	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.7	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.10	0.080	1.0	
79-01-6	Trichloroethylene	9.99	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.6	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	13.4	0.21	2.0	L-07
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.21	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.4	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.4	0.060	1.0	
75-01-4	Vinyl Chloride	7.93	0.16	2.0	
108383/106423	m+p Xylene	27.4	0.070	2.0	L-07
95-47-6	o-Xylene	11.7	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347041.D Vial: 40
Acq On : 14 Dec 2011 10:29 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:37:49 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	270639	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	356903	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	174785	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	190276	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	130891	25.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.04%				
49) TOLUENE SS	5.606	98	347918	24.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	146668	28.45	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	38612	6.27	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	59117	7.51	UG/L		96
5) CHLOROMETHANE	0.952	50	51233	7.87	UG/L		99
6) VINYL CHLORIDE	0.999	62	59841	7.93	UG/L		100
7) BROMOMETHANE	1.150	94	24778	5.27	UG/L		93
8) CHLOROETHANE	1.194	64	36761	9.15	UG/L		97
9) FLUORODICHLOROMETHANE	1.284	67	114670	8.39	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	88871	10.63	UG/L		100
12) DI ETHYL ETHER	1.451	59	46925	10.10	UG/L		99
13) ACROLEIN	1.521	56	58253	132.23	UG/L		98
14) ACETONE	1.602	43	182935	125.59	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	93945	8.63	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	55667	9.21	UG/L		98
17) IODOMETHANE	1.657	142	106983	19.87	UG/L	#	100
20) METHYL ACETATE	1.783	43	44859	3.97	UG/L		99
21) T-BUTYL ALCOHOL	1.922	59	39006	102.38	UG/L	#	79
22) ACRYLONITRILE	2.009	53	22554	9.51	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	91219	8.72	UG/L		99
24) CARBON DISULFIDE	1.694	76	160182	13.10	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	155157	9.63	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.020	61	94648	10.43	UG/L		98
27) 1,1-DICHLOROETHANE	2.327	63	109100	10.84	UG/L		98
28) VINYL ACETATE	2.374	43	1286734	114.70	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	194564	10.96	UG/L		98
31) 2-BUTANONE	2.870	43	202056	107.06	UG/L		98
32) T-BUTYL ETHYL ETHER	2.709	59	153005	9.67	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.834	61	86510	10.04	UG/L		99
34) 2,2-DICHLOROPROPANE	2.829	77	53565	10.23	UG/L	#	75
35) ETHYL ACETATE	2.940	43	46781	11.43	UG/L	#	94
38) BROMOCHLOROMETHANE	3.074	49	48109	10.64	UG/L		99
39) TETRAHYDROFURAN	3.132	42	12741m	10.32	UG/L		
40) CHLOROFORM	3.172	83	99634	10.78	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.339	97	79934	10.66	UG/L		95
42) CYCLOHEXANE	3.386	56	84912	10.54	UG/L		98
43) CARBON TETRACHLORIDE	3.509	117	64042	10.21	UG/L		99
44) 1,1-DICHLOROPROPENE	3.515	75	73445	10.65	UG/L		99
45) BENZENE	3.724	78	202412	10.51	UG/L		99
47) T-AMYLMETHYL ETHER	3.871	73	103773	9.03	UG/L	#	87
50) 1,2-DICHLOROETHANE	3.754	62	85381	11.28	UG/L	#	89
51) TRICHLOROETHENE	4.390	95	50111	9.99	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	59508	9.45	UG/L		99
53) 1,2-DICHLOROPROPANE	4.613	63	45345	9.45	UG/L		94
54) DIBROMOMETHANE	4.725	93	32888	10.45	UG/L		99
56) 1,4-DIOXANE	4.772	88	4900m	135.66	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	63421	8.51	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347041.D Vial: 40
Acq On : 14 Dec 2011 10:29 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:37:49 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59)	MIBK	5.536	43	403135	103.63	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	64843	10.72	UG/L		98
61)	TOLUENE	5.670	91	206459	10.12	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	52038	11.25	UG/L	#	76
63)	ETHYL METHACRYLATE	6.052	69	48393	8.83	UG/L		98
64)	1,1,2-TRICHLOROETHANE	6.097	97	40561	9.10	UG/L		96
65)	2-HEXANONE	6.373	43	283696	119.21	UG/L		96
66)	TETRACHLOROETHENE	6.200	166	57138	10.91	UG/L		99
67)	1,3-DICHLOROPROPANE	6.245	76	67322	9.84	UG/L		98
68)	DIBROMOCHLOROMETHANE	6.457	129	48531	10.95	UG/L		100
69)	1,2-DIBROMOETHANE	6.551	107	47603	11.05	UG/L		98
72)	CHLOROBENZENE	7.042	112	129304	9.93	UG/L		98
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	50325	11.43	UG/L		95
74)	ETHYLBENZENE	7.170	91	257507	11.87	UG/L		100
75)	M/P-XYLENES	7.290	91	459266	27.36	UG/L		98
76)	0-XYLENE	7.672	91	192809	11.68	UG/L		96
77)	STYRENE	7.689	104	143065	10.97	UG/L		96
78)	BROMOFORM	7.848	173	31389	11.07	UG/L		99
79)	ISOPROPYLBENZENE	8.046	105	222105	13.64	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	8637	6.47	UG/L	#	84
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	65484	12.71	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	11991	11.64	UG/L		88
83)	BROMOBENZENE	8.303	77	104904	13.11	UG/L		98
84)	1,2,3-TRICHLOROPROPANE	8.383	75	51451	13.36	UG/L		100
85)	N-PROPYLBENZENE	8.450	91	295380	13.60	UG/L		100
86)	2-CHLOROT0LUENE	8.509	91	181740	13.23	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	182749	11.42	UG/L		99
88)	4-CHLOROTOLUENE	8.621	91	190542	11.77	UG/L		99
90)	TERT-BUTYLBENZENE	8.947	119	136061	9.24	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	187285	10.35	UG/L		99
92)	SEC-BUTYLBENZENE	9.162	105	186653	9.04	UG/L		99
93)	1,3-DICHLOROBENZENE	9.240	146	108844	10.10	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.318	119	178445	10.88	UG/L		98
95)	1,4-DICHLOROBENZENE	9.329	146	110960	10.11	UG/L		98
96)	N-BUTYLBENZENE	9.716	91	148235	8.90	UG/L		99
97)	1,2-DICHLOROBENZENE	9.683	146	93630	8.93	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.467	75	6433	7.42	UG/L		88
99)	1,3,5-TRICHLOROBENZENE	10.667	180	73286	9.87	UG/L		98
100)	1,2,4-TRICHLOROBENZENE	11.267	180	42878	8.76	UG/L		98
101)	HEXACHLOROBUTADIENE	11.459	225	24990	10.07	UG/L	#	71
102)	NAPHTHALENE	11.501	128	63830	9.28	UG/L	#	97
103)	1,2,3-TRICHLOROBENZENE	11.741	180	33820	9.34	UG/L		98

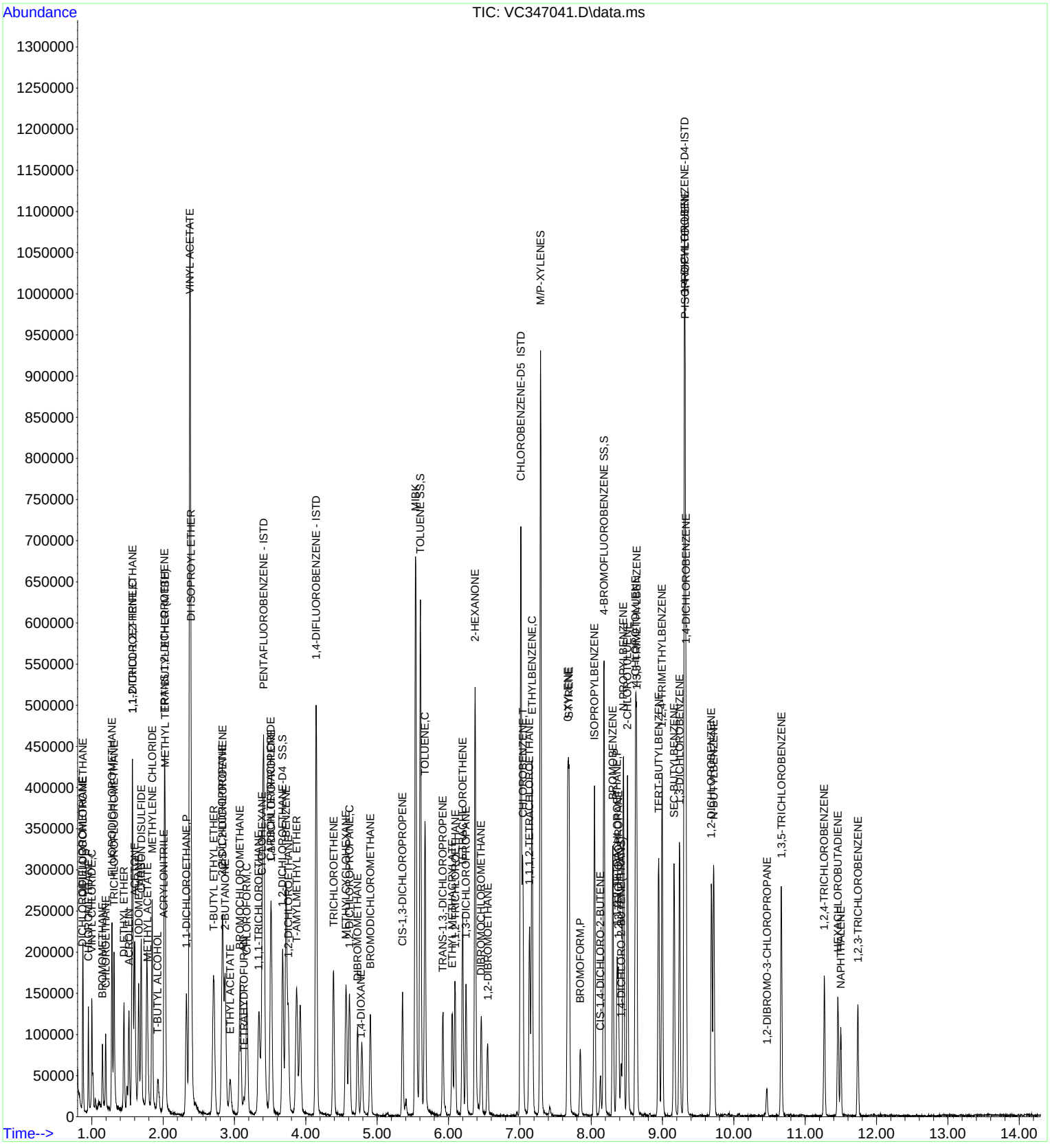
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347041.D
Acq On : 14 Dec 2011 10:29 am
Sample : B0-BS1
Misc :
Quant Time: Dec 14 14:37:49 2011

Vial: 40
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BSD1	File ID:	VC347042.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	124	0.54	50	
107-13-1	Acrylonitrile	9.58	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.2	0.11	0.50	
71-43-2	Benzene	11.6	0.050	1.0	
108-86-1	Bromobenzene	10.7	0.10	1.0	
74-97-5	Bromochloromethane	12.3	0.10	1.0	V-20
75-27-4	Bromodichloromethane	9.23	0.080	0.50	
75-25-2	Bromoform	10.8	0.25	1.0	
74-83-9	Bromomethane	5.39	0.38	2.0	
78-93-3	2-Butanone (MEK)	128	0.41	20	V-20
75-65-0	tert-Butyl Alcohol (TBA)	103	3.5	20	V-16
104-51-8	n-Butylbenzene	10.1	0.050	1.0	
135-98-8	sec-Butylbenzene	10.3	0.050	1.0	
98-06-6	tert-Butylbenzene	10.5	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.4	0.070	0.50	
75-15-0	Carbon Disulfide	12.3	0.050	10	
56-23-5	Carbon Tetrachloride	11.1	0.090	5.0	
108-90-7	Chlorobenzene	10.3	0.050	1.0	
124-48-1	Chlorodibromomethane	12.1	0.12	0.50	
75-00-3	Chloroethane	8.38	0.33	2.0	
67-66-3	Chloroform	12.0	0.040	2.0	
74-87-3	Chloromethane	7.41	0.13	2.0	
95-49-8	2-Chlorotoluene	11.2	0.050	10	
106-43-4	4-Chlorotoluene	11.1	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.70	0.48	5.0	R-05
106-93-4	1,2-Dibromoethane (EDB)	11.5	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BSD1	File ID:	VC347042.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.3	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.6	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.7	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.8	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	10.1	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	5.51	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.6	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.6	0.090	1.0	
75-35-4	1,1-Dichloroethylene	8.26	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.3	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.98	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.0	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.5	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.2	0.13	1.0	V-05
563-58-6	1,1-Dichloropropene	11.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.7	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.5	0.12	0.50	
60-29-7	Diethyl Ether	10.2	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.6	0.030	0.50	
123-91-1	1,4-Dioxane	128	3.5	50	V-16, V-20
100-41-4	Ethylbenzene	11.1	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.4	0.26	0.50	
591-78-6	2-Hexanone (MBK)	131	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	13.0	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.4	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.36	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BSD1	File ID:	VC347042.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.35	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	121	0.22	10	
91-20-3	Naphthalene	10.2	0.21	2.0	
103-65-1	n-Propylbenzene	11.3	0.040	1.0	
100-42-5	Styrene	11.0	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.92	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.2	0.18	0.50	
127-18-4	Tetrachloroethylene	10.7	0.14	1.0	
109-99-9	Tetrahydrofuran	13.2	1.0	10	L-07, V-20
108-88-3	Toluene	11.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.4	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.86	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.23	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.3	0.080	1.0	
79-01-6	Trichloroethylene	10.7	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.63	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.5	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.39	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.3	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.8	0.060	1.0	
75-01-4	Vinyl Chloride	7.36	0.16	2.0	
108383/106423	m+p Xylene	22.3	0.070	2.0	
95-47-6	o-Xylene	11.6	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347042.D Vial: 41
Acq On : 14 Dec 2011 10:59 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:38:16 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	304362	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	425819	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	219829	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	212788	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	152079	26.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.48%				
49) TOLUENE SS	5.606	98	432090	25.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	167228	25.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	38118	5.51	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.877	51	62566	7.07	UG/L		100
5) CHLOROMETHANE	0.952	50	54219	7.41	UG/L		98
6) VINYL CHLORIDE	0.999	62	62515	7.36	UG/L		100
7) BROMOMETHANE	1.150	94	28712	5.39	UG/L		99
8) CHLOROETHANE	1.195	64	37875	8.38	UG/L		97
9) FLUORODICHLOROMETHANE	1.281	67	119014	7.82	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	90552	9.63	UG/L		98
11) ETHANOL	1.448	45	35097	628.53	UG/L	#	64
12) DI ETHYL ETHER	1.448	59	53091	10.16	UG/L		96
13) ACROLEIN	1.521	56	68133	136.95	UG/L		96
14) ACETONE	1.604	43	202706	123.74	UG/L		96
15) 1,1-DICHLOROETHENE	1.568	61	100517	8.26	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	56165	8.39	UG/L		96
17) IODOMETHANE	1.655	142	86674	17.38	UG/L	#	100
20) METHYL ACETATE	1.786	43	49417	3.89	UG/L		97
21) T-BUTYL ALCOHOL	1.934	59	44127	102.99	UG/L	#	79
22) ACRYLONITRILE	2.009	53	25535	9.58	UG/L		100
23) METHYLENE CHLORIDE	1.844	49	98241	8.35	UG/L		98
24) CARBON DISULFIDE	1.691	76	163968	12.33	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	169693	9.36	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.023	61	101804	9.98	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	120116	10.61	UG/L		98
28) VINYL ACETATE	2.377	43	1423756	112.93	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	211489	10.59	UG/L		98
31) 2-BUTANONE	2.868	43	271111	127.73	UG/L		98
32) T-BUTYL ETHYL ETHER	2.706	59	184385	10.37	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	109371	11.29	UG/L		97
34) 2,2-DICHLOROPROPANE	2.829	77	65743	11.17	UG/L		99
35) ETHYL ACETATE	2.940	43	60644	13.48	UG/L	#	89
38) BROMOCHLOROMETHANE	3.077	49	62670	12.32	UG/L		94
39) TETRAHYDROFURAN	3.133	42	18264m	13.15	UG/L		
40) CHLOROFORM	3.174	83	125306	12.05	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	96611	11.46	UG/L		96
42) CYCLOHEXANE	3.392	56	103397	11.42	UG/L		98
43) CARBON TETRACHLORIDE	3.509	117	78348	11.11	UG/L		98
44) 1,1-DICHLOROPROPENE	3.515	75	89597	11.55	UG/L		98
45) BENZENE	3.724	78	250724	11.58	UG/L		99
47) T-AMYLMETHYL ETHER	3.872	73	132223	10.23	UG/L	#	88
50) 1,2-DICHLOROETHANE	3.755	62	104722	11.59	UG/L		98
51) TRICHLOROETHENE	4.388	95	63980	10.69	UG/L		97
52) METHYLCYCLOHEXANE	4.566	83	77290	10.29	UG/L		98
53) 1,2-DICHLOROPROPANE	4.613	63	63033	11.01	UG/L		97
54) DIBROMOMETHANE	4.722	93	42472	11.31	UG/L		98
56) 1,4-DIOXANE	4.781	88	5501m	127.65	UG/L		

Data File : Y:\1\DATA\121311\VC347042.D Vial: 41
Acq On : 14 Dec 2011 10:59 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:38:16 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

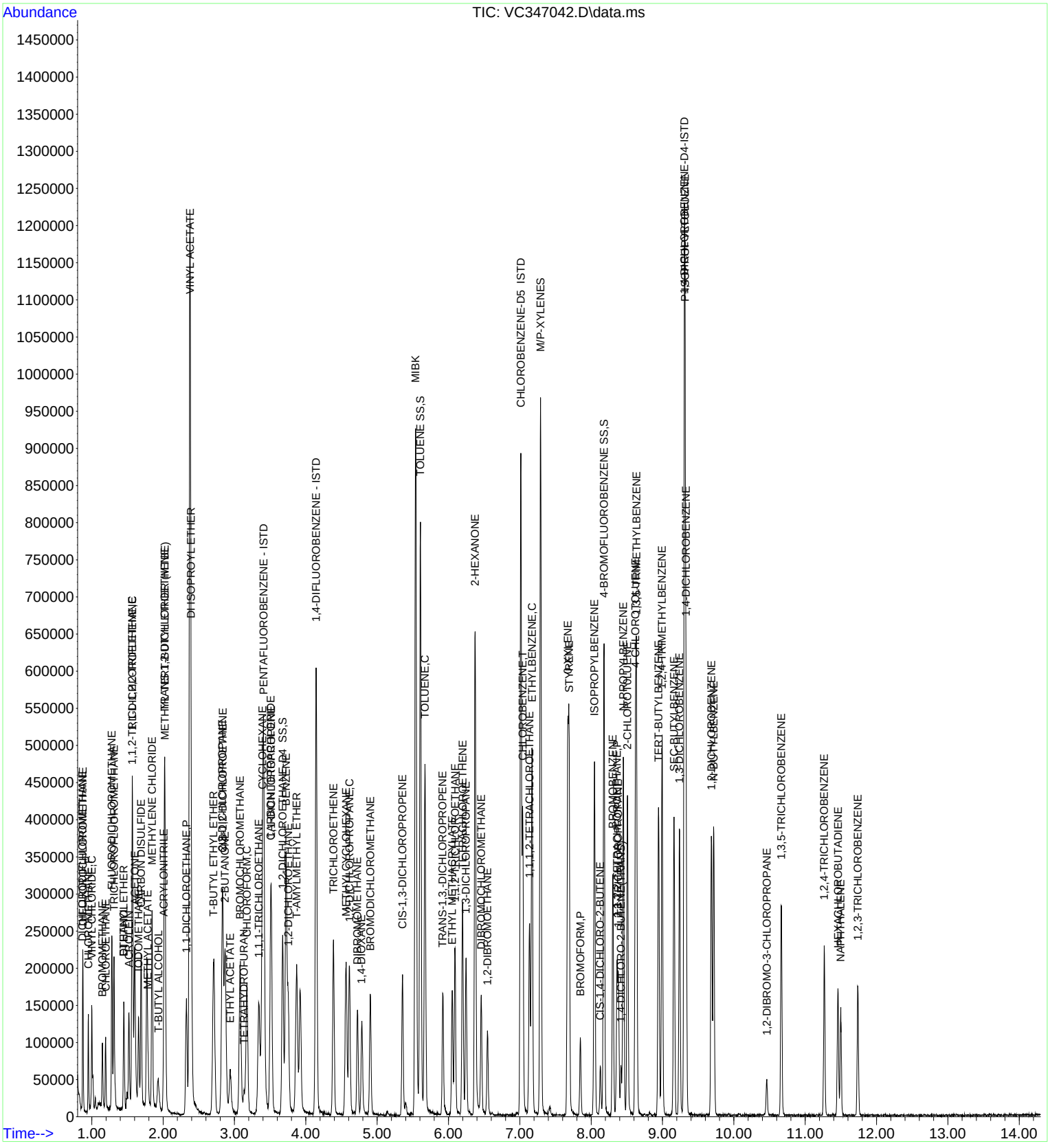
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) BROMODICHLOROMETHANE	4.906	83	82332	9.23	UG/L		98
59) MIBK	5.539	43	560911	120.85	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.355	75	84632	11.73	UG/L		98
61) TOLUENE	5.670	91	270374	11.10	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.918	75	68967	12.50	UG/L		96
63) ETHYL METHACRYLATE	6.052	69	66433	10.01	UG/L		98
64) 1,1,2-TRICHLOROETHANE	6.091	97	54918	10.33	UG/L		99
65) 2-HEXANONE	6.373	43	371052	130.69	UG/L		95
66) TETRACHLOROETHENE	6.200	166	66756	10.68	UG/L		99
67) 1,3-DICHLOROPROPANE	6.245	76	93634	11.47	UG/L		100
68) DIBROMOCHLOROMETHANE	6.460	129	63792	12.06	UG/L		98
69) 1,2-DIBROMOETHANE	6.546	107	59291	11.53	UG/L		96
72) CHLOROBENZENE	7.040	112	168700	10.30	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	54908	9.92	UG/L		100
74) ETHYLBENZENE	7.171	91	302619	11.09	UG/L		98
75) M/P-XYLENES	7.290	91	471660	22.34	UG/L		98
76) 0-XYLENE	7.673	91	241331	11.63	UG/L		98
77) STYRENE	7.692	104	180796	11.02	UG/L		96
78) BROMOFORM	7.851	173	38698	10.85	UG/L		96
79) ISOPROPYLBENZENE	8.046	105	267338	13.05	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	12908	7.65	UG/L	#	67
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	72545	11.20	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	13062	10.08	UG/L	#	83
83) BROMOBENZENE	8.303	77	108105	10.74	UG/L		97
84) 1,2,3-TRICHLOROPROPANE	8.381	75	55789	11.52	UG/L		99
85) N-PROPYLBENZENE	8.451	91	309503	11.33	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	194408	11.25	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	217618	10.81	UG/L		97
88) 4-CHLOROTOLUENE	8.621	91	225422	11.07	UG/L		98
90) TERT-BUTYLBENZENE	8.944	119	173448	10.53	UG/L		95
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	228601	11.30	UG/L		97
92) SEC-BUTYLBENZENE	9.162	105	238414	10.32	UG/L		98
93) 1,3-DICHLOROBENZENE	9.237	146	128990	10.70	UG/L		98
94) P-ISOPROPYLTOLUENE	9.318	119	210028	11.45	UG/L		98
95) 1,4-DICHLOROBENZENE	9.329	146	132871	10.82	UG/L		98
96) N-BUTYLBENZENE	9.717	91	181405	10.06	UG/L		98
97) 1,2-DICHLOROBENZENE	9.686	146	124743	10.64	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.464	75	9425	9.70	UG/L		90
99) 1,3,5-TRICHLOROBENZENE	10.665	180	76553	9.23	UG/L		97
100) 1,2,4-TRICHLOROBENZENE	11.267	180	55610	9.86	UG/L		100
101) HEXACHLOROBUTADIENE	11.462	225	28914	10.39	UG/L		98
102) NAPHTHALENE	11.499	128	86856	10.24	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.738	180	44614	10.41	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347042.D Vial: 41
Acq On : 14 Dec 2011 10:59 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:38:16 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BLK1	File ID:	VC347078.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 05:06
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	R-05
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	R-05
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BLK1	File ID:	VC347078.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 05:06
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	R-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BLK1	File ID:	VC347078.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 05:06
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	R-05
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347078.D Vial: 77
Acq On : 15 Dec 2011 5:06 am Operator:
Sample : B0-BLK1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:31:43 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	257406	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	354219	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	179634	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	167370	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	128254	26.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.16%			
49) TOLUENE SS	5.606	98	344952	24.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.96%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	123760	23.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.44%			
Target Compounds						Qvalue
14) ACETONE	1.610	43	1336m	0.96	UG/L	
17) IODOMETHANE	1.657	142	4905m	11.37	UG/L	
35) ETHYL ACETATE	2.943	43	733	Below Cal	#	68

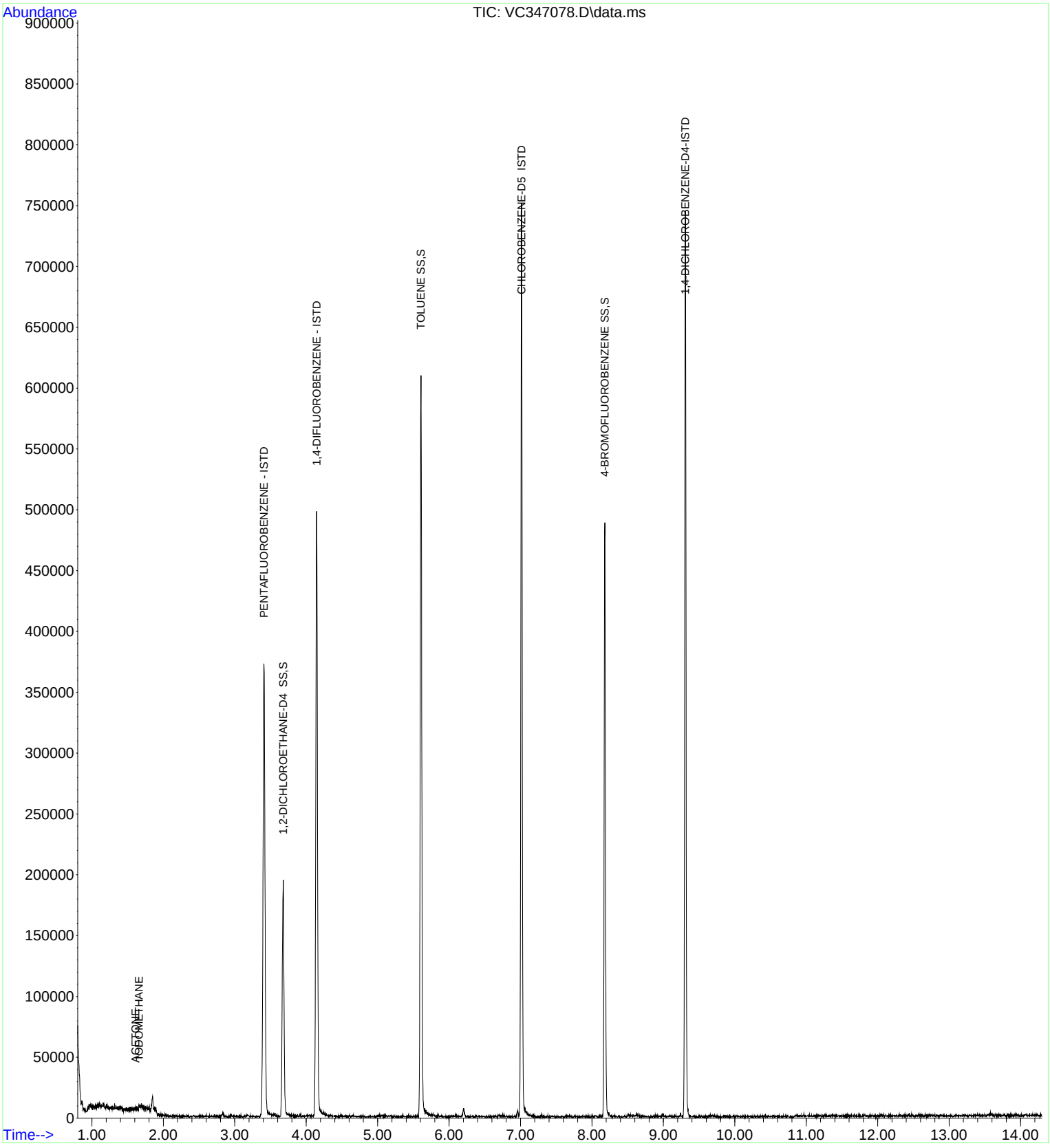
(#) = qualifier out of range (m) = manual integration (+) = signals summed

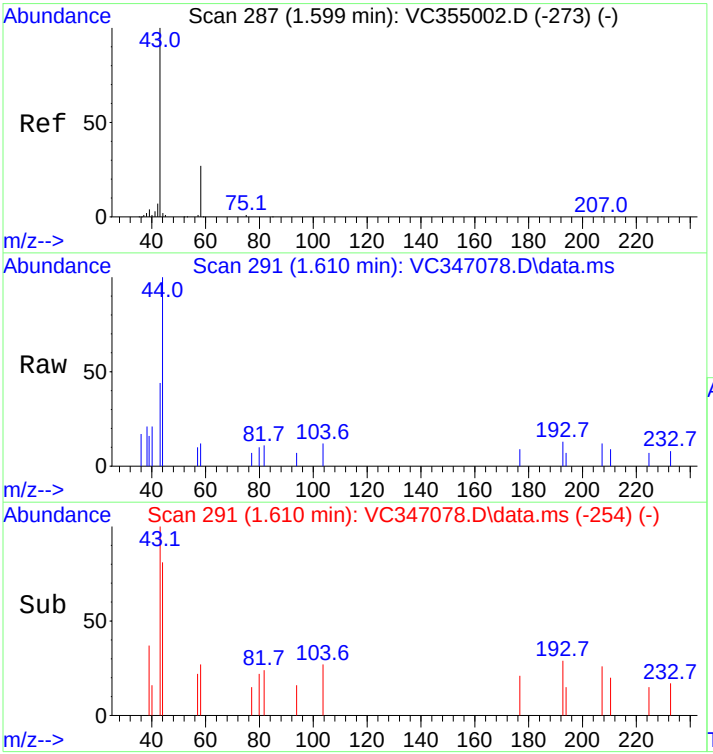
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347078.D
Acq On : 15 Dec 2011 5:06 am
Sample : B0-BLK1
Misc :
Quant Time: Dec 15 07:31:43 2011

Vial: 77
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

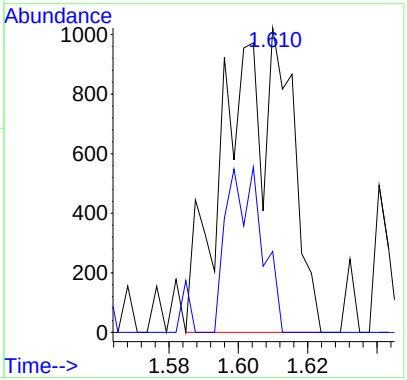


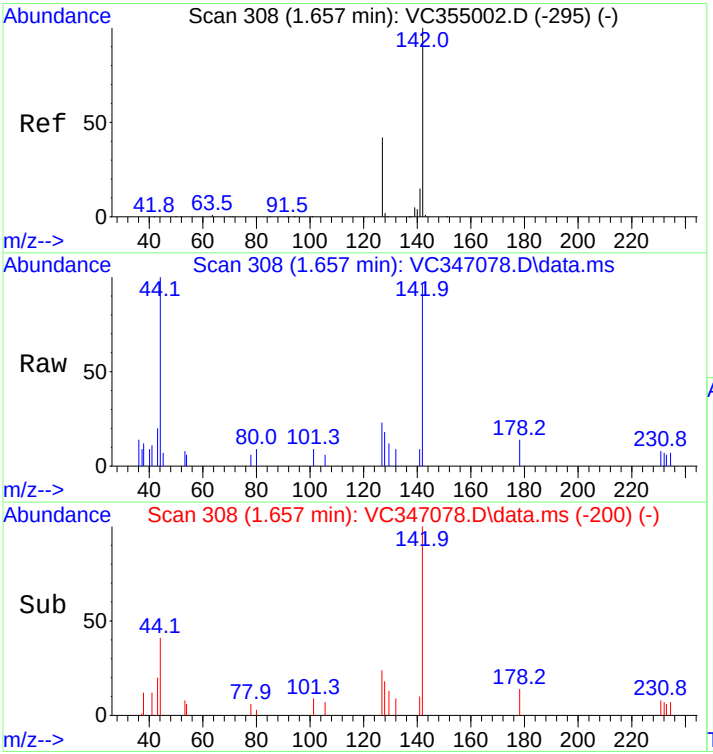


#14
ACETONE
Concen: 0.96 UG/L m
RT: 1.610 min Scan# 291
Delta R.T. 0.009 min
Lab File: VC347078.D
Acq: 15 Dec 2011 5:06 am

Tgt Ion: 43 Resp: 1336

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

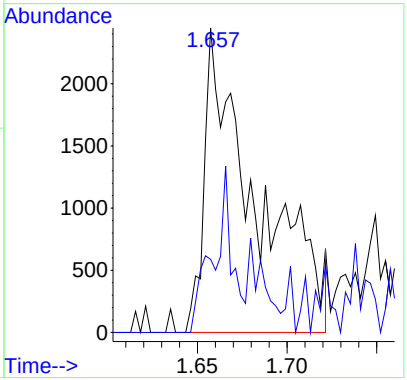


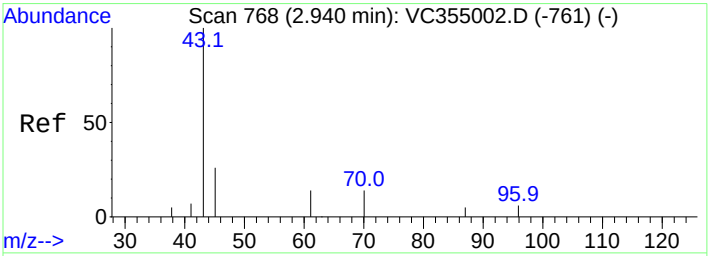


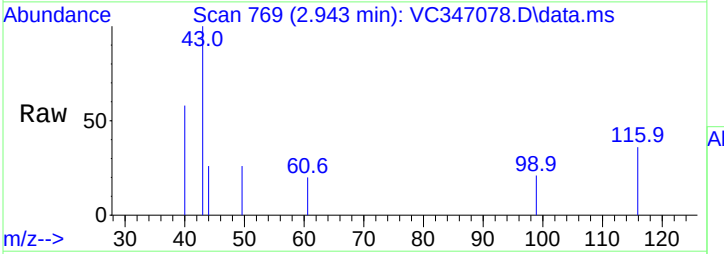
#17
IODOMETHANE
Concen: 11.37 UG/L m
RT: 1.657 min Scan# 308
Delta R.T. 0.000 min
Lab File: VC347078.D
Acq: 15 Dec 2011 5:06 am

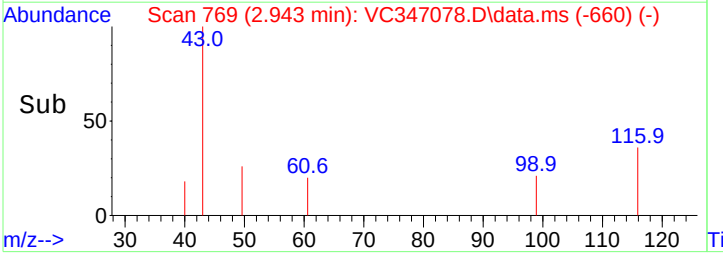
Tgt Ion:142 Resp: 4905

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0





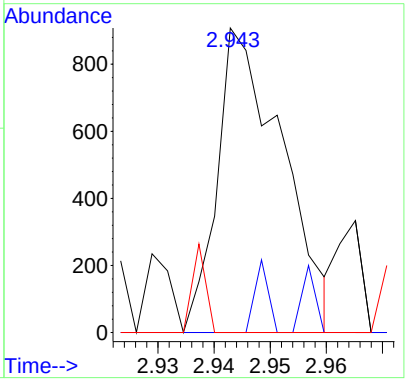




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.943 min Scan# 769
Delta R.T. 0.003 min
Lab File: VC347078.D
Acq: 15 Dec 2011 5:06 am

Tgt Ion: 43 Resp: 733

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BS1	File ID:	VC347075.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 03:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	148	0.54	50	
107-13-1	Acrylonitrile	12.0	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.0	0.11	0.50	
71-43-2	Benzene	10.6	0.050	1.0	
108-86-1	Bromobenzene	9.47	0.10	1.0	
74-97-5	Bromochloromethane	11.0	0.10	1.0	V-20
75-27-4	Bromodichloromethane	8.50	0.080	0.50	
75-25-2	Bromoform	11.9	0.25	1.0	
74-83-9	Bromomethane	5.65	0.38	2.0	
78-93-3	2-Butanone (MEK)	122	0.41	20	V-20
75-65-0	tert-Butyl Alcohol (TBA)	127	3.5	20	V-16
104-51-8	n-Butylbenzene	7.37	0.050	1.0	R-05
135-98-8	sec-Butylbenzene	8.15	0.050	1.0	
98-06-6	tert-Butylbenzene	8.47	0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.95	0.070	0.50	
75-15-0	Carbon Disulfide	14.5	0.050	10	L-02
56-23-5	Carbon Tetrachloride	10.7	0.090	5.0	
108-90-7	Chlorobenzene	9.25	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	0.50	V-20
75-00-3	Chloroethane	10.1	0.33	2.0	
67-66-3	Chloroform	10.8	0.040	2.0	
74-87-3	Chloromethane	9.34	0.13	2.0	
95-49-8	2-Chlorotoluene	10.1	0.050	10	R-05
106-43-4	4-Chlorotoluene	9.67	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.44	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.0	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BS1	File ID:	VC347075.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 03:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.8	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.60	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	9.42	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.44	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	9.89	0.77	2.0	R-05
75-71-8	Dichlorodifluoromethane (Freon 12)	6.75	0.040	2.0	
75-34-3	1,1-Dichloroethane	12.6	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.2	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.41	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.6	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.8	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.2	0.20	1.0	
142-28-9	1,3-Dichloropropane	13.6	0.080	0.50	L-07
594-20-7	2,2-Dichloropropane	8.97	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.0	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.4	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.4	0.12	0.50	
60-29-7	Diethyl Ether	11.8	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	12.3	0.030	0.50	
123-91-1	1,4-Dioxane	142	3.5	50	L-02, V-16, V-20
100-41-4	Ethylbenzene	9.28	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.25	0.26	0.50	
591-78-6	2-Hexanone (MBK)	138	0.66	10	V-20
98-82-8	Isopropylbenzene (Cumene)	13.6	0.060	1.0	L-02
99-87-6	p-Isopropyltoluene (p-Cymene)	10.3	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.8	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BS1	File ID:	VC347075.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 03:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.43	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	116	0.22	10	V-20
91-20-3	Naphthalene	9.63	0.21	2.0	
103-65-1	n-Propylbenzene	10.0	0.040	1.0	R-05
100-42-5	Styrene	12.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	8.92	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.91	0.18	0.50	
127-18-4	Tetrachloroethylene	12.6	0.14	1.0	
109-99-9	Tetrahydrofuran	10.7	1.0	10	V-20
108-88-3	Toluene	10.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.84	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.13	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.08	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.2	0.080	1.0	
79-01-6	Trichloroethylene	10.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.6	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.3	0.21	2.0	R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.57	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.1	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.15	0.060	1.0	
75-01-4	Vinyl Chloride	8.73	0.16	2.0	
108383/106423	m+p Xylene	19.8	0.070	2.0	
95-47-6	o-Xylene	12.5	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347075.D Vial: 74
Acq On : 15 Dec 2011 3:35 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:29:04 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	249671	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	359060	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	203977	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	208307	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	129107	27.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.20%				
49) TOLUENE SS	5.609	98	367444	25.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.88%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	173372	28.81	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	38299	6.75	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.876	51	69297	9.55	UG/L		98
5) CHLOROMETHANE	0.952	50	56107	9.34	UG/L		97
6) VINYL CHLORIDE	0.999	62	60818	8.73	UG/L		97
7) BROMOMETHANE	1.147	94	25024	5.65	UG/L		96
8) CHLOROETHANE	1.192	64	37581	10.14	UG/L		100
9) FLUORODICHLOROMETHANE	1.281	67	120301	9.40	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.309	101	89328	11.58	UG/L		99
12) DI ETHYL ETHER	1.448	59	50501	11.79	UG/L		99
13) ACROLEIN	1.521	56	65269	157.54	UG/L		97
14) ACETONE	1.601	43	198316	147.58	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	95595	9.41	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	53637	9.57	UG/L		93
17) IODOMETHANE	1.654	142	119084	21.72	UG/L	#	100
20) METHYL ACETATE	1.786	43	56044	5.38	UG/L		97
21) T-BUTYL ALCOHOL	1.931	59	44776	127.40	UG/L	#	82
22) ACRYLONITRILE	2.006	53	26317	12.03	UG/L		92
23) METHYLENE CHLORIDE	1.844	49	91077	9.43	UG/L		99
24) CARBON DISULFIDE	1.691	76	172678	14.54	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	160216	10.78	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.020	61	98420	11.76	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	116530	12.55	UG/L		99
28) VINYL ACETATE	2.377	43	1236458	119.26	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	201342	12.29	UG/L		98
31) 2-BUTANONE	2.870	43	211608	121.53	UG/L		99
32) T-BUTYL ETHYL ETHER	2.711	59	145145	9.95	UG/L		100
33) CIS-1,2-DICHLOROETHENE	2.834	61	84532	10.64	UG/L		99
34) 2,2-DICHLOROPROPANE	2.831	77	43316	8.97	UG/L	#	82
35) ETHYL ACETATE	2.946	43	45021	12.01	UG/L	#	86
38) BROMOCHLOROMETHANE	3.079	49	45667	10.95	UG/L		99
39) TETRAHYDROFURAN	3.132	42	12226	10.73	UG/L	#	84
40) CHLOROFORM	3.174	83	91741	10.76	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	72690	10.51	UG/L		96
42) CYCLOHEXANE	3.386	56	73845	9.94	UG/L		98
43) CARBON TETRACHLORIDE	3.503	117	61739	10.67	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	70148	11.03	UG/L		98
45) BENZENE	3.724	78	188391	10.61	UG/L		98
47) T-AMYLMETHYL ETHER	3.871	73	106219	10.02	UG/L	#	80
50) 1,2-DICHLOROETHANE	3.752	62	77989	10.24	UG/L		100
51) TRICHLOROETHENE	4.387	95	53230	10.55	UG/L		98
52) METHYLCYCLOHEXANE	4.566	83	56961	8.99	UG/L		99
53) 1,2-DICHLOROPROPANE	4.613	63	49254	10.20	UG/L		96
54) DIBROMOMETHANE	4.722	93	34271	10.82	UG/L		95
56) 1,4-DIOXANE	4.783	88	5145m	141.58	UG/L		
57) BROMODICHLOROMETHANE	4.900	83	63733	8.50	UG/L	#	98

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347075.D Vial: 74
Acq On : 15 Dec 2011 3:35 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:29:04 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

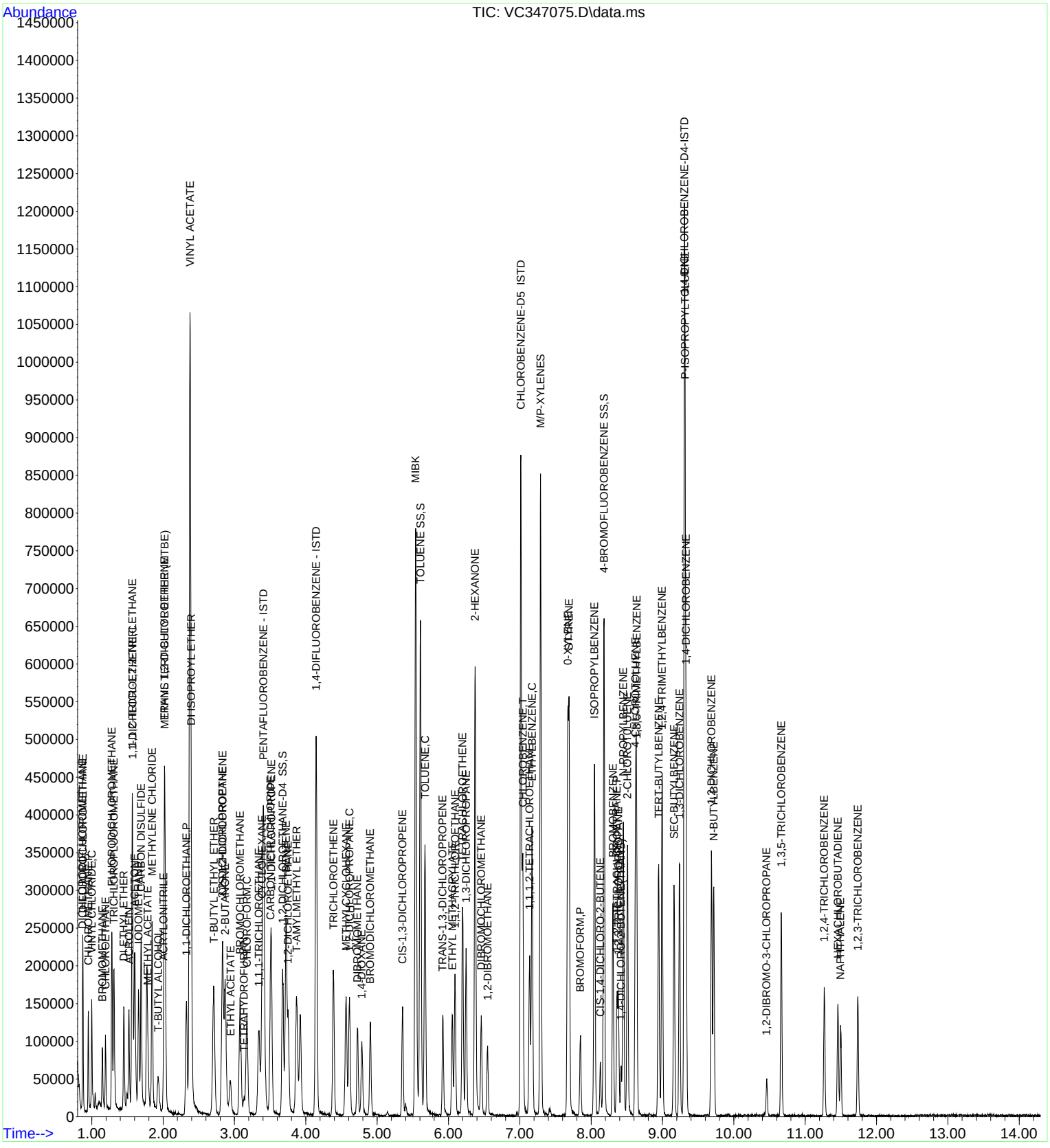
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) MIBK	5.539	43	452032	115.50	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.355	75	63314	10.41	UG/L		99
61) TOLUENE	5.670	91	214083	10.43	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.918	75	53040	11.40	UG/L		97
63) ETHYL METHACRYLATE	6.055	69	53324	9.57	UG/L		99
64) 1,1,2-TRICHLOROETHANE	6.091	97	45608	10.18	UG/L		99
65) 2-HEXANONE	6.373	43	331029	138.27	UG/L		96
66) TETRACHLOROETHENE	6.197	166	66436	12.61	UG/L		100
67) 1,3-DICHLOROPROPANE	6.247	76	93666	13.60	UG/L		98
68) DIBROMOCHLOROMETHANE	6.459	129	51074	11.45	UG/L		98
69) 1,2-DIBROMOETHANE	6.549	107	47595	10.98	UG/L		96
72) CHLOROBENZENE	7.042	112	140585	9.25	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	45833	8.92	UG/L		96
74) ETHYLBENZENE	7.170	91	234945	9.28	UG/L		97
75) M/P-XYLENES	7.290	91	387899	19.80	UG/L		100
76) 0-XYLENE	7.672	91	240192	12.47	UG/L		97
77) STYRENE	7.689	104	187106	12.29	UG/L		96
78) BROMOFORM	7.848	173	39285	11.87	UG/L		97
79) ISOPROPYLBENZENE	8.046	105	258214	13.59	UG/L		100
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	13101	8.35	UG/L	#	72
81) 1,1,2,2-TETRACHLOROETHANE	8.358	83	59603	9.91	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	11891	9.89	UG/L		92
83) BROMOBENZENE	8.305	77	88485	9.47	UG/L		98
84) 1,2,3-TRICHLOROPROPANE	8.383	75	46434	10.33	UG/L		97
85) N-PROPYLBENZENE	8.450	91	254070	10.02	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	161853	10.09	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	170915	9.15	UG/L		99
88) 4-CHLOROTOLUENE	8.620	91	182703	9.67	UG/L		98
90) TERT-BUTYLBENZENE	8.947	119	136476	8.47	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	200171	10.11	UG/L		97
92) SEC-BUTYLBENZENE	9.162	105	184212	8.15	UG/L		99
93) 1,3-DICHLOROBENZENE	9.240	146	111205	9.42	UG/L		99
94) P-ISOPROPYLTOLUENE	9.318	119	185473	10.33	UG/L		97
95) 1,4-DICHLOROBENZENE	9.329	146	113397	9.44	UG/L		99
96) N-BUTYLBENZENE	9.719	91	141821	7.37	UG/L		98
97) 1,2-DICHLOROBENZENE	9.686	146	110222	9.60	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	8976	9.44	UG/L		90
99) 1,3,5-TRICHLOROBENZENE	10.665	180	65523	8.08	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.267	180	42693	8.13	UG/L		96
101) HEXACHLOROBUTADIENE	11.459	225	24951	9.25	UG/L	#	72
102) NAPHTHALENE	11.496	128	75295	9.63	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.738	180	40157	9.84	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347075.D Vial: 74
Acq On : 15 Dec 2011 3:35 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:29:04 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BSD1	File ID:	VC347076.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 04:05
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	141	0.54	50	
107-13-1	Acrylonitrile	11.4	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.7	0.11	0.50	
71-43-2	Benzene	11.5	0.050	1.0	
108-86-1	Bromobenzene	11.0	0.10	1.0	
74-97-5	Bromochloromethane	11.3	0.10	1.0	V-20
75-27-4	Bromodichloromethane	10.2	0.080	0.50	
75-25-2	Bromoform	13.1	0.25	1.0	L-07
74-83-9	Bromomethane	6.77	0.38	2.0	
78-93-3	2-Butanone (MEK)	120	0.41	20	V-20
75-65-0	tert-Butyl Alcohol (TBA)	118	3.5	20	V-16
104-51-8	n-Butylbenzene	10.6	0.050	1.0	R-05
135-98-8	sec-Butylbenzene	9.80	0.050	1.0	
98-06-6	tert-Butylbenzene	11.3	0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.6	0.070	0.50	
75-15-0	Carbon Disulfide	14.8	0.050	10	L-02
56-23-5	Carbon Tetrachloride	11.2	0.090	5.0	
108-90-7	Chlorobenzene	11.0	0.050	1.0	
124-48-1	Chlorodibromomethane	11.9	0.12	0.50	V-20
75-00-3	Chloroethane	10.0	0.33	2.0	
67-66-3	Chloroform	11.6	0.040	2.0	
74-87-3	Chloromethane	9.22	0.13	2.0	
95-49-8	2-Chlorotoluene	13.6	0.050	10	R-05, L-07A
106-43-4	4-Chlorotoluene	11.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.6	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	14.0	0.14	0.50	L-07

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BSD1	File ID:	VC347076.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 04:05
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	12.3	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.2	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	13.8	0.77	2.0	L-07A, R-05
75-71-8	Dichlorodifluoromethane (Freon 12)	7.31	0.040	2.0	
75-34-3	1,1-Dichloroethane	12.6	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.6	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.74	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.9	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	12.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.5	0.20	1.0	
142-28-9	1,3-Dichloropropane	12.1	0.080	0.50	
594-20-7	2,2-Dichloropropane	9.09	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.0	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.5	0.12	0.50	
60-29-7	Diethyl Ether	12.2	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	12.7	0.030	0.50	
123-91-1	1,4-Dioxane	138	3.5	50	L-02, V-16, V-20
100-41-4	Ethylbenzene	10.9	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.1	0.26	0.50	
591-78-6	2-Hexanone (MBK)	119	0.66	10	V-20
98-82-8	Isopropylbenzene (Cumene)	13.1	0.060	1.0	L-02
99-87-6	p-Isopropyltoluene (p-Cymene)	10.9	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.9	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BSD1	File ID:	VC347076.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 04:05
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.64	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	115	0.22	10	V-20
91-20-3	Naphthalene	9.33	0.21	2.0	
103-65-1	n-Propylbenzene	13.9	0.040	1.0	L-07A, R-05
100-42-5	Styrene	12.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.3	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.8	0.18	0.50	
127-18-4	Tetrachloroethylene	11.1	0.14	1.0	
109-99-9	Tetrahydrofuran	10.9	1.0	10	V-20
108-88-3	Toluene	11.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.25	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.99	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	10.1	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.8	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.2	0.080	1.0	
79-01-6	Trichloroethylene	11.0	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.9	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	14.5	0.21	2.0	L-07A, R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.42	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.4	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.4	0.060	1.0	
75-01-4	Vinyl Chloride	9.03	0.16	2.0	
108383/106423	m+p Xylene	22.6	0.070	2.0	
95-47-6	o-Xylene	11.9	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347076.D Vial: 75
Acq On : 15 Dec 2011 4:05 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:30:30 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	250883	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	341984	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	174307	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	180595	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	121964	25.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.60%				
49) TOLUENE SS	5.606	98	351578	25.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.36%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	132820	25.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.32%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	41716	7.31	UG/L		95
4) DIFLUOROCHLOROMETHANE	0.877	51	70555	9.67	UG/L		99
5) CHLOROMETHANE	0.952	50	55617	9.22	UG/L		99
6) VINYL CHLORIDE	1.002	62	63222	9.03	UG/L		99
7) BROMOMETHANE	1.150	94	31531	6.77	UG/L		99
8) CHLOROETHANE	1.195	64	37254	10.00	UG/L		97
9) FLUORODICHLOROMETHANE	1.284	67	121613	9.45	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.312	101	91892	11.86	UG/L		99
12) DI ETHYL ETHER	1.451	59	52409	12.17	UG/L		99
13) ACROLEIN	1.521	56	63799	153.64	UG/L		98
14) ACETONE	1.602	43	191001	141.45	UG/L		97
15) 1,1-DICHLOROETHENE	1.571	61	99749	9.74	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	52940	9.42	UG/L		99
17) IODOMETHANE	1.657	142	103837	20.29	UG/L	#	100
20) METHYL ACETATE	1.789	43	54114	5.17	UG/L		98
21) T-BUTYL ALCOHOL	1.928	59	41832	118.44	UG/L	#	84
22) ACRYLONITRILE	2.012	53	25071	11.41	UG/L		98
23) METHYLENE CHLORIDE	1.844	49	93508	9.64	UG/L		99
24) CARBON DISULFIDE	1.694	76	178280	14.81	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	163138	10.92	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	101761	12.10	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	117693	12.62	UG/L		99
28) VINYL ACETATE	2.377	43	1268481	121.65	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	209597	12.73	UG/L		97
31) 2-BUTANONE	2.870	43	210801	120.48	UG/L		99
32) T-BUTYL ETHYL ETHER	2.712	59	155597	10.61	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.834	61	87253	10.92	UG/L		99
34) 2,2-DICHLOROPROPANE	2.834	77	44091m	9.09	UG/L		
35) ETHYL ACETATE	2.946	43	48870m	13.13	UG/L		
38) BROMOCHLOROMETHANE	3.077	49	47510	11.33	UG/L		94
39) TETRAHYDROFURAN	3.135	42	12488	10.91	UG/L	#	67
40) CHLOROFORM	3.177	83	99571	11.62	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	82003	11.80	UG/L		96
42) CYCLOHEXANE	3.386	56	81988	10.98	UG/L		97
43) CARBON TETRACHLORIDE	3.509	117	65170	11.21	UG/L		99
44) 1,1-DICHLOROPROPENE	3.515	75	73888	11.56	UG/L		99
45) BENZENE	3.727	78	205427	11.51	UG/L		100
47) T-AMYLMETHYL ETHER	3.872	73	114257	10.73	UG/L	#	88
50) 1,2-DICHLOROETHANE	3.754	62	84459	11.64	UG/L		99
51) TRICHLOROETHENE	4.388	95	53039	11.04	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	64539	10.70	UG/L		97
53) 1,2-DICHLOROPROPANE	4.613	63	48383	10.52	UG/L		90
54) DIBROMOMETHANE	4.725	93	34374	11.40	UG/L		99
56) 1,4-DIOXANE	4.786	88	4784m	138.22	UG/L		
57) BROMODICHLOROMETHANE	4.909	83	73163	10.17	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347076.D Vial: 75
Acq On : 15 Dec 2011 4:05 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:30:30 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

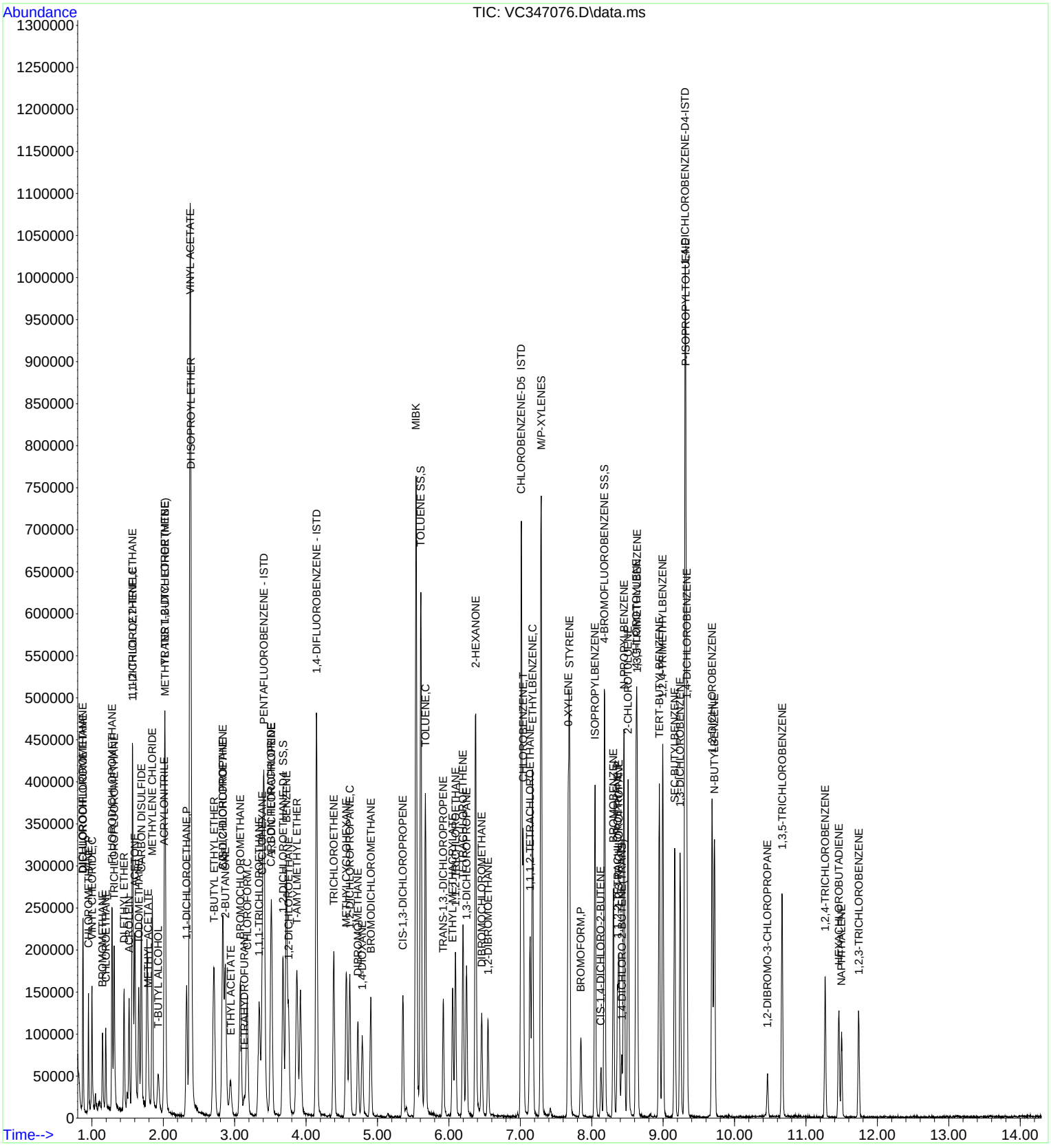
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) MIBK	5.539	43	427222	114.61	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	5.355	75	63852	11.02	UG/L		99
61) TOLUENE	5.670	91	218968	11.20	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	55557	12.54	UG/L		100
63) ETHYL METHACRYLATE	6.052	69	57583	10.72	UG/L		94
64) 1,1,2-TRICHLOROETHANE	6.091	97	47959	11.23	UG/L		99
65) 2-HEXANONE	6.376	43	271942	119.26	UG/L		96
66) TETRACHLOROETHENE	6.197	166	55674	11.09	UG/L		98
67) 1,3-DICHLOROPROPANE	6.248	76	79415	12.11	UG/L		98
68) DIBROMOCHLOROMETHANE	6.459	129	50736	11.94	UG/L		98
69) 1,2-DIBROMOETHANE	6.549	107	57769	13.99	UG/L		100
72) CHLOROBENZENE	7.040	112	143151	11.02	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	45309	10.32	UG/L		99
74) ETHYLBENZENE	7.171	91	236812	10.94	UG/L		99
75) M/P-XYLENES	7.293	91	377541	22.55	UG/L		99
76) 0-XYLENE	7.673	91	195535	11.88	UG/L		98
77) STYRENE	7.689	104	159682	12.28	UG/L		97
78) BROMOFORM	7.848	173	36978	13.08	UG/L		98
79) ISOPROPYLBENZENE	8.046	105	212945	13.11	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	10995	8.20	UG/L	#	57
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	60364	11.75	UG/L		97
82) 1,4-DICHLORO-2-BUTENE(...	8.425	53	14191	13.81	UG/L	#	83
83) BROMOBENZENE	8.303	77	88150	11.04	UG/L		98
84) 1,2,3-TRICHLOROPROPANE	8.381	75	55654	14.49	UG/L		98
85) N-PROPYLBENZENE	8.453	91	301708	13.93	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	186731	13.63	UG/L		100
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	181303	11.36	UG/L		96
88) 4-CHLOROTOLUENE	8.623	91	188587	11.68	UG/L		99
90) TERT-BUTYLBENZENE	8.947	119	158401	11.34	UG/L		97
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	195183	11.37	UG/L		99
92) SEC-BUTYLBENZENE	9.162	105	192082	9.80	UG/L		100
93) 1,3-DICHLOROBENZENE	9.237	146	104874	10.25	UG/L		99
94) P-ISOPROPYLTOLUENE	9.318	119	170148	10.93	UG/L		98
95) 1,4-DICHLOROBENZENE	9.332	146	110526	10.61	UG/L		99
96) N-BUTYLBENZENE	9.719	91	160813	10.65	UG/L		98
97) 1,2-DICHLOROBENZENE	9.686	146	122825	12.34	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	8698	10.55	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.668	180	71303	10.11	UG/L		95
100) 1,2,4-TRICHLOROBENZENE	11.270	180	42091	8.99	UG/L		96
101) HEXACHLOROBUTADIENE	11.462	225	23708	10.07	UG/L	#	67
102) NAPHTHALENE	11.499	128	61276	9.33	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.741	180	31623	9.25	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121311\VC347076.D
Acq On : 15 Dec 2011 4:05 am
Sample : B0-BSD1
Misc :
Quant Time: Dec 15 07:30:30 2011

Vial: 75
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Data Package

con-test®
ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

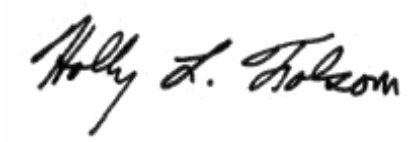
December 19, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.03
Laboratory Work Order Number: 11L0394

Enclosed are results of analyses for samples received by the laboratory on December 10, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 12/19/2011

PURCHASE ORDER NUMBER: 002699.ID25.03

PROJECT NUMBER: 002699.ID25.03

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11L0394

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-120811	11L0394-01	Trip Blank Water		SW-846 8260C	
PW21-100	11L0394-02	Ground Water		SW-846 8260C	
PW21-125	11L0394-03	Ground Water		SW-846 8260C	
PW21-150	11L0394-04	Ground Water		SW-846 8260C	
PW21-175	11L0394-05	Ground Water		SW-846 8260C	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Methylene Chloride

11L0394-01[TB-120811], 11L0394-02[PW21-100], 11L0394-03[PW21-125], 11L0394-04[PW21-150], 11L0394-05[PW21-175], B043044-BLK1, B043044-BS1, B043044-BSD1, B043044-MS1, B043044-MSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Carbon Disulfide, Isopropylbenzene (Cumene), trans-1,3-Dichloropropene

B043044-BS1

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12), Vinyl Chloride

11L0394-02[PW21-100], B043044-MS1, B043044-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Methylene Chloride

11L0394-02[PW21-100], B043044-MS1, B043044-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Isopropylbenzene (Cumene)

11L0394-02[PW21-100], B043044-MS1, B043044-MSD1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,1,2,2-Tetrachloroethane

B043044-MSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

11L0394-01[TB-120811], 11L0394-02[PW21-100], 11L0394-03[PW21-125], 11L0394-04[PW21-150], 11L0394-05[PW21-175], B043044-BLK1, B043044-BS1, B043044-BSD1, B043044-MS1, B043044-MSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2,2-Dichloropropane, Benzene, Chlorodibromomethane, Dichlorodifluoromethane (Freon 12), Isopropylbenzene (Cumene), trans-1,3-Dichloropropene

B043044-BS1, B043044-BSD1

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: TB-120811 | Sampled: 12/8/2011 08:30

Sample ID: 11L0394-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 11:12	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: TB-120811 | Sampled: 12/8/2011 08:30

Sample ID: 11L0394-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04	SW-846 8260C	12/19/11	12/19/11 11:12	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.3	70-130		12/19/11 11:12
Toluene-d8	100	70-130		12/19/11 11:12
4-Bromofluorobenzene	104	70-130		12/19/11 11:12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-100 | Sampled: 12/8/2011 08:40

Sample ID: 11L0394-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromomethane	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chloromethane	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-100 | Sampled: 12/8/2011 08:40

Sample ID: 11L0394-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,4-Dioxane	ND	50	µg/L	1	MS-12, V-16	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1	MS-12	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04, MS-09	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Vinyl Chloride	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		12/19/11 11:42
Toluene-d8	98.4	70-130		12/19/11 11:42
4-Bromofluorobenzene	103	70-130		12/19/11 11:42

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-125 | Sampled: 12/8/2011 10:10

Sample ID: 11L0394-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 12:13	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-125 | Sampled: 12/8/2011 10:10

Sample ID: 11L0394-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04	SW-846 8260C	12/19/11	12/19/11 12:13	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.3	70-130		12/19/11 12:13
Toluene-d8	97.1	70-130		12/19/11 12:13
4-Bromofluorobenzene	103	70-130		12/19/11 12:13

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-150 | Sampled: 12/8/2011 12:35

Sample ID: 11L0394-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 12:44	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-150 | Sampled: 12/8/2011 12:35

Sample ID: 11L0394-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04	SW-846 8260C	12/19/11	12/19/11 12:44	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Toluene	3.0	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		12/19/11 12:44
Toluene-d8	101	70-130		12/19/11 12:44
4-Bromofluorobenzene	106	70-130		12/19/11 12:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-175 | Sampled: 12/8/2011 14:30

Sample ID: 11L0394-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 13:15	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-175 | Sampled: 12/8/2011 14:30

Sample ID: 11L0394-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04	SW-846 8260C	12/19/11	12/19/11 13:15	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Toluene	1.9	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		12/19/11 13:15
Toluene-d8	99.5	70-130		12/19/11 13:15
4-Bromofluorobenzene	105	70-130		12/19/11 13:15

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11L0394-01 [TB-120811]	B043044	5	5.00	12/19/11
11L0394-02 [PW21-100]	B043044	5	5.00	12/19/11
11L0394-03 [PW21-125]	B043044	5	5.00	12/19/11
11L0394-04 [PW21-150]	B043044	5	5.00	12/19/11
11L0394-05 [PW21-175]	B043044	5	5.00	12/19/11

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B043044 - SW-846 5030B										
Blank (B043044-BLK1)				Prepared & Analyzed: 12/19/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B043044 - SW-846 5030B												
Blank (B043044-BLK1)				Prepared & Analyzed: 12/19/11								
Methylene Chloride	ND	5.0	µg/L								L-04	
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2.0	µg/L									
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L									
1,2,4-Trichlorobenzene	ND	1.0	µg/L									
1,3,5-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/L	25.0		95.6		70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100		70-130				
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104		70-130				
LCS (B043044-BS1)				Prepared & Analyzed: 12/19/11								
Acetone	88.2	50	µg/L	100		88.2		70-160				†
Acrylonitrile	9.09	5.0	µg/L	10.0		90.9		70-130				
tert-Amyl Methyl Ether (TAME)	11.4	0.50	µg/L	10.0		114		70-130				
Benzene	12.6	1.0	µg/L	10.0		126		70-130			V-20	
Bromobenzene	11.4	1.0	µg/L	10.0		114		70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110		70-130				
Bromodichloromethane	9.56	0.50	µg/L	10.0		95.6		70-130				
Bromoform	12.0	1.0	µg/L	10.0		120		70-130				
Bromomethane	5.81	2.0	µg/L	10.0		58.1		40-160				†
2-Butanone (MEK)	108	20	µg/L	100		108		40-160				†
tert-Butyl Alcohol (TBA)	96.9	20	µg/L	100		96.9		40-160			V-16	†
n-Butylbenzene	9.91	1.0	µg/L	10.0		99.1		70-130				
sec-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
tert-Butylbenzene	11.0	1.0	µg/L	10.0		110		70-130				
tert-Butyl Ethyl Ether (TBEE)	10.3	0.50	µg/L	10.0		103		70-130				
Carbon Disulfide	14.1	4.0	µg/L	10.0		**141**	*	70-130			L-07	
Carbon Tetrachloride	11.8	5.0	µg/L	10.0		118		70-130				
Chlorobenzene	11.6	1.0	µg/L	10.0		116		70-130				
Chlorodibromomethane	12.4	0.50	µg/L	10.0		124		70-130			V-20	
Chloroethane	8.69	2.0	µg/L	10.0		86.9		70-130				
Chloroform	12.5	2.0	µg/L	10.0		125		70-130				
Chloromethane	8.68	2.0	µg/L	10.0		86.8		40-160				†
2-Chlorotoluene	12.2	1.0	µg/L	10.0		122		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B043044 - SW-846 5030B												
LCS (B043044-BS1)				Prepared & Analyzed: 12/19/11								
4-Chlorotoluene	11.9	1.0	µg/L	10.0		119		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.94	5.0	µg/L	10.0		79.4		70-130				
1,2-Dibromoethane (EDB)	11.8	0.50	µg/L	10.0		118		70-130				
Dibromomethane	11.7	1.0	µg/L	10.0		117		70-130				
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.0		110		70-130				
1,3-Dichlorobenzene	11.1	1.0	µg/L	10.0		111		70-130				
1,4-Dichlorobenzene	11.1	1.0	µg/L	10.0		111		70-130				
trans-1,4-Dichloro-2-butene	10.6	2.0	µg/L	10.0		106		70-130				
Dichlorodifluoromethane (Freon 12)	9.02	2.0	µg/L	10.0		90.2		40-160			V-20	†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112		70-130				
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107		70-130				
1,1-Dichloroethylene	7.85	1.0	µg/L	10.0		78.5		70-130				
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.0		114		70-130				
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
1,2-Dichloropropane	11.3	1.0	µg/L	10.0		113		70-130				
1,3-Dichloropropane	12.1	0.50	µg/L	10.0		121		70-130				
2,2-Dichloropropane	12.0	1.0	µg/L	10.0		120		40-130			V-20	†
1,1-Dichloropropene	12.3	2.0	µg/L	10.0		123		70-130				
cis-1,3-Dichloropropene	12.3	0.50	µg/L	10.0		123		70-130				
trans-1,3-Dichloropropene	13.2	0.50	µg/L	10.0		**132**	*	70-130			L-07, V-20	
Diethyl Ether	8.88	2.0	µg/L	10.0		88.8		70-130				
Diisopropyl Ether (DIPE)	9.76	0.50	µg/L	10.0		97.6		70-130				
1,4-Dioxane	130	50	µg/L	100		130		40-130			V-16, V-20	†
Ethylbenzene	11.7	1.0	µg/L	10.0		117		70-130				
Hexachlorobutadiene	10.6	0.50	µg/L	10.0		106		70-130				
2-Hexanone (MBK)	102	10	µg/L	100		102		70-160				†
Isopropylbenzene (Cumene)	14.0	1.0	µg/L	10.0		**140**	*	70-130			L-07, V-20	
p-Isopropyltoluene (p-Cymene)	11.5	1.0	µg/L	10.0		115		70-130				
Methyl tert-Butyl Ether (MTBE)	9.74	1.0	µg/L	10.0		97.4		70-130				
Methylene Chloride	6.75	5.0	µg/L	10.0		**67.5**	*	70-130			L-04	
4-Methyl-2-pentanone (MIBK)	97.4	10	µg/L	100		97.4		70-160				†
Naphthalene	9.61	2.0	µg/L	10.0		96.1		40-130				†
n-Propylbenzene	12.3	1.0	µg/L	10.0		123		70-130				
Styrene	12.5	1.0	µg/L	10.0		125		70-130				
1,1,1,2-Tetrachloroethane	11.3	1.0	µg/L	10.0		113		70-130				
1,1,2,2-Tetrachloroethane	11.8	0.50	µg/L	10.0		118		70-130				
Tetrachloroethylene	11.6	1.0	µg/L	10.0		116		70-130				
Tetrahydrofuran	8.73	10	µg/L	10.0		87.3		70-130				
Toluene	11.5	1.0	µg/L	10.0		115		70-130				
1,2,3-Trichlorobenzene	9.93	5.0	µg/L	10.0		99.3		70-130				
1,2,4-Trichlorobenzene	9.58	1.0	µg/L	10.0		95.8		70-130				
1,3,5-Trichlorobenzene	9.37	1.0	µg/L	10.0		93.7		70-130				
1,1,1-Trichloroethane	12.2	1.0	µg/L	10.0		122		70-130				
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112		70-130				
Trichloroethylene	11.6	1.0	µg/L	10.0		116		70-130				
Trichlorofluoromethane (Freon 11)	9.88	2.0	µg/L	10.0		98.8		70-130				
1,2,3-Trichloropropane	11.6	2.0	µg/L	10.0		116		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.65	1.0	µg/L	10.0		86.5		70-130				
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.0		111		70-130				
1,3,5-Trimethylbenzene	11.7	1.0	µg/L	10.0		117		70-130				
Vinyl Chloride	7.99	2.0	µg/L	10.0		79.9		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B043044 - SW-846 5030B											
LCS (B043044-BS1)				Prepared & Analyzed: 12/19/11							
m+p Xylene	23.6	2.0	µg/L	20.0		118	70-130				
o-Xylene	12.2	1.0	µg/L	10.0		122	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.1*		µg/L	25.0		96.3	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*26.7*		µg/L	25.0		107	70-130				
LCS Dup (B043044-BSD1)				Prepared & Analyzed: 12/19/11							
Acetone	85.5	50	µg/L	100		85.5	70-160	3.06	25		†
Acrylonitrile	8.32	5.0	µg/L	10.0		83.2	70-130	8.85	25		
tert-Amyl Methyl Ether (TAME)	10.8	0.50	µg/L	10.0		108	70-130	5.67	25		
Benzene	11.4	1.0	µg/L	10.0		114	70-130	10.0	25	V-20	
Bromobenzene	10.7	1.0	µg/L	10.0		107	70-130	6.07	25		
Bromochloromethane	10.5	1.0	µg/L	10.0		105	70-130	5.02	25		
Bromodichloromethane	8.96	0.50	µg/L	10.0		89.6	70-130	6.48	25		
Bromoform	11.3	1.0	µg/L	10.0		113	70-130	6.42	25		
Bromomethane	6.12	2.0	µg/L	10.0		61.2	40-160	5.20	25		†
2-Butanone (MEK)	104	20	µg/L	100		104	40-160	4.22	25		†
tert-Butyl Alcohol (TBA)	92.7	20	µg/L	100		92.7	40-160	4.43	25	V-16	†
n-Butylbenzene	8.78	1.0	µg/L	10.0		87.8	70-130	12.1	25		
sec-Butylbenzene	9.50	1.0	µg/L	10.0		95.0	70-130	11.3	25		
tert-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130	8.47	25		
tert-Butyl Ethyl Ether (TBEE)	9.49	0.50	µg/L	10.0		94.9	70-130	8.57	25		
Carbon Disulfide	12.8	4.0	µg/L	10.0		128	70-130	9.15	25		
Carbon Tetrachloride	10.5	5.0	µg/L	10.0		105	70-130	11.6	25		
Chlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	5.97	25		
Chlorodibromomethane	11.7	0.50	µg/L	10.0		117	70-130	5.97	25	V-20	
Chloroethane	7.36	2.0	µg/L	10.0		73.6	70-130	16.6	25		
Chloroform	11.2	2.0	µg/L	10.0		112	70-130	10.8	25		
Chloromethane	7.59	2.0	µg/L	10.0		75.9	40-160	13.4	25		†
2-Chlorotoluene	11.3	1.0	µg/L	10.0		113	70-130	7.67	25		
4-Chlorotoluene	11.1	1.0	µg/L	10.0		111	70-130	7.06	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.11	5.0	µg/L	10.0		81.1	70-130	2.12	25		
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.0		111	70-130	6.01	25		
Dibromomethane	11.2	1.0	µg/L	10.0		112	70-130	5.07	25		
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	6.60	25		
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	7.78	25		
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	7.86	25		
trans-1,4-Dichloro-2-butene	10.7	2.0	µg/L	10.0		107	70-130	1.13	25		
Dichlorodifluoromethane (Freon 12)	7.79	2.0	µg/L	10.0		77.9	40-160	14.6	25	V-20	†
1,1-Dichloroethane	10.1	1.0	µg/L	10.0		101	70-130	10.5	25		
1,2-Dichloroethane	10.0	1.0	µg/L	10.0		100	70-130	6.58	25		
1,1-Dichloroethylene	7.02	1.0	µg/L	10.0		70.2	70-130	11.2	25		
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	9.81	25		
trans-1,2-Dichloroethylene	9.15	1.0	µg/L	10.0		91.5	70-130	10.7	25		
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	70-130	6.61	25		
1,3-Dichloropropane	11.4	0.50	µg/L	10.0		114	70-130	5.62	25		
2,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	40-130	13.4	25	V-20	†
1,1-Dichloropropene	11.1	2.0	µg/L	10.0		111	70-130	10.0	25		
cis-1,3-Dichloropropene	11.6	0.50	µg/L	10.0		116	70-130	6.18	25		
trans-1,3-Dichloropropene	12.8	0.50	µg/L	10.0		128	70-130	3.00	25	V-20	
Diethyl Ether	8.38	2.0	µg/L	10.0		83.8	70-130	5.79	25		
Diisopropyl Ether (DIPE)	9.03	0.50	µg/L	10.0		90.3	70-130	7.77	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B043044 - SW-846 5030B												
LCS Dup (B043044-BSD1)				Prepared & Analyzed: 12/19/11								
1,4-Dioxane	120	50	µg/L	100		120		40-130	7.69	50	V-16, V-20	† ‡
Ethylbenzene	10.7	1.0	µg/L	10.0		107		70-130	9.28	25		
Hexachlorobutadiene	9.78	0.50	µg/L	10.0		97.8		70-130	8.42	25		
2-Hexanone (MBK)	102	10	µg/L	100		102		70-160	0.608	25		†
Isopropylbenzene (Cumene)	12.8	1.0	µg/L	10.0		128		70-130	8.94	25	V-20	
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105		70-130	9.65	25		
Methyl tert-Butyl Ether (MTBE)	9.08	1.0	µg/L	10.0		90.8		70-130	7.01	25		
Methylene Chloride	6.29	5.0	µg/L	10.0		**62.9**	*	70-130	7.06	25	L-04	
4-Methyl-2-pentanone (MIBK)	94.9	10	µg/L	100		94.9		70-160	2.52	25		†
Naphthalene	9.94	2.0	µg/L	10.0		99.4		40-130	3.38	25		†
n-Propylbenzene	11.2	1.0	µg/L	10.0		112		70-130	9.70	25		
Styrene	11.5	1.0	µg/L	10.0		115		70-130	8.67	25		
1,1,1,2-Tetrachloroethane	10.5	1.0	µg/L	10.0		105		70-130	6.80	25		
1,1,2,2-Tetrachloroethane	11.3	0.50	µg/L	10.0		113		70-130	4.08	25		
Tetrachloroethylene	10.5	1.0	µg/L	10.0		105		70-130	9.68	25		
Tetrahydrofuran	9.50	10	µg/L	10.0		95.0		70-130	8.45	25		
Toluene	10.6	1.0	µg/L	10.0		106		70-130	7.61	25		
1,2,3-Trichlorobenzene	9.89	5.0	µg/L	10.0		98.9		70-130	0.404	25		
1,2,4-Trichlorobenzene	9.49	1.0	µg/L	10.0		94.9		70-130	0.944	25		
1,3,5-Trichlorobenzene	8.80	1.0	µg/L	10.0		88.0		70-130	6.27	25		
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0		109		70-130	10.6	25		
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104		70-130	7.30	25		
Trichloroethylene	10.5	1.0	µg/L	10.0		105		70-130	9.40	25		
Trichlorofluoromethane (Freon 11)	8.66	2.0	µg/L	10.0		86.6		70-130	13.2	25		
1,2,3-Trichloropropane	11.3	2.0	µg/L	10.0		113		70-130	2.71	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.59	1.0	µg/L	10.0		75.9		70-130	13.1	25		
1,2,4-Trimethylbenzene	10.0	1.0	µg/L	10.0		100		70-130	9.84	25		
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108		70-130	7.28	25		
Vinyl Chloride	7.06	2.0	µg/L	10.0		70.6		40-160	12.4	25		†
m+p Xylene	21.4	2.0	µg/L	20.0		107		70-130	9.46	25		
o-Xylene	11.3	1.0	µg/L	10.0		113		70-130	7.56	25		
Surrogate: 1,2-Dichloroethane-d4	*23.6*		µg/L	25.0		94.5		70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*26.8*		µg/L	25.0		107		70-130				
Matrix Spike (B043044-MS1)		**Source: 11L0394-02**		Prepared & Analyzed: 12/19/11								
Acetone	86.5	50	µg/L	100	2.34	84.1		70-130				
Acrylonitrile	9.90	5.0	µg/L	10.0	ND	99.0		70-130				
tert-Amyl Methyl Ether (TAME)	11.2	0.50	µg/L	10.0	ND	112		70-130				
Benzene	12.7	1.0	µg/L	10.0	ND	127		70-130				
Bromobenzene	11.1	1.0	µg/L	10.0	ND	111		70-130				
Bromochloromethane	11.1	1.0	µg/L	10.0	ND	111		70-130				
Bromodichloromethane	9.38	0.50	µg/L	10.0	ND	93.8		70-130				
Bromoform	12.2	1.0	µg/L	10.0	ND	122		70-130				
Bromomethane	5.24	2.0	µg/L	10.0	ND	**52.4**	*	70-130			MS-07A	
2-Butanone (MEK)	124	20	µg/L	100	ND	124		70-130				
tert-Butyl Alcohol (TBA)	118	20	µg/L	100	ND	118		70-130			V-16	
n-Butylbenzene	9.77	1.0	µg/L	10.0	ND	97.7		70-130				
sec-Butylbenzene	10.5	1.0	µg/L	10.0	ND	105		70-130				
tert-Butylbenzene	10.6	1.0	µg/L	10.0	ND	106		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.75	0.50	µg/L	10.0	ND	97.5		70-130				
Carbon Disulfide	12.4	4.0	µg/L	10.0	ND	124		70-130				

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B043044 - SW-846 5030B											
Matrix Spike (B043044-MS1)	**Source: 11L0394-02**			Prepared & Analyzed: 12/19/11							
Carbon Tetrachloride	11.6	5.0	µg/L	10.0	ND	116		70-130			
Chlorobenzene	11.1	1.0	µg/L	10.0	ND	111		70-130			
Chlorodibromomethane	12.2	0.50	µg/L	10.0	ND	122		70-130			
Chloroethane	7.81	2.0	µg/L	10.0	ND	78.1		70-130			
Chloroform	12.6	2.0	µg/L	10.0	ND	126		70-130			
Chloromethane	6.60	2.0	µg/L	10.0	ND	**66.0**	*	70-130			MS-07A
2-Chlorotoluene	11.9	1.0	µg/L	10.0	ND	119		70-130			
4-Chlorotoluene	11.7	1.0	µg/L	10.0	ND	117		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.47	5.0	µg/L	10.0	ND	94.7		70-130			
1,2-Dibromoethane (EDB)	12.1	0.50	µg/L	10.0	ND	121		70-130			
Dibromomethane	12.2	1.0	µg/L	10.0	ND	122		70-130			
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0	ND	107		70-130			
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0	ND	105		70-130			
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0	ND	108		70-130			
trans-1,4-Dichloro-2-butene	11.8	2.0	µg/L	10.0	ND	118		70-130			
Dichlorodifluoromethane (Freon 12)	6.81	2.0	µg/L	10.0	ND	**68.1**	*	70-130			MS-07A
1,1-Dichloroethane	10.8	1.0	µg/L	10.0	ND	108		70-130			
1,2-Dichloroethane	10.9	1.0	µg/L	10.0	ND	109		70-130			
1,1-Dichloroethylene	7.63	1.0	µg/L	10.0	ND	76.3		70-130			
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.0	ND	114		70-130			
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0	ND	102		70-130			
1,2-Dichloropropane	11.3	1.0	µg/L	10.0	ND	113		70-130			
1,3-Dichloropropane	12.4	0.50	µg/L	10.0	ND	124		70-130			
2,2-Dichloropropane	11.7	1.0	µg/L	10.0	ND	117		70-130			
1,1-Dichloropropene	12.8	2.0	µg/L	10.0	ND	128		70-130			
cis-1,3-Dichloropropene	12.0	0.50	µg/L	10.0	ND	120		70-130			
trans-1,3-Dichloropropene	12.8	0.50	µg/L	10.0	ND	128		70-130			
Diethyl Ether	8.55	2.0	µg/L	10.0	ND	85.5		70-130			
Diisopropyl Ether (DIPE)	9.56	0.50	µg/L	10.0	ND	95.6		70-130			
1,4-Dioxane	148	50	µg/L	100	ND	**148**	*	70-130			MS-12, V-16
Ethylbenzene	11.7	1.0	µg/L	10.0	ND	117		70-130			
Hexachlorobutadiene	10.5	0.50	µg/L	10.0	ND	105		70-130			
2-Hexanone (MBK)	124	10	µg/L	100	ND	124		70-130			
Isopropylbenzene (Cumene)	13.9	1.0	µg/L	10.0	ND	**139**	*	70-130			MS-12
p-Isopropyltoluene (p-Cymene)	11.2	1.0	µg/L	10.0	ND	112		70-130			
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	µg/L	10.0	0.200	98.3		70-130			
Methylene Chloride	5.97	5.0	µg/L	10.0	ND	**59.7**	*	70-130			L-04, MS-09
4-Methyl-2-pentanone (MIBK)	114	10	µg/L	100	ND	114		70-130			
Naphthalene	11.2	2.0	µg/L	10.0	ND	112		70-130			
n-Propylbenzene	12.2	1.0	µg/L	10.0	ND	122		70-130			
Styrene	11.6	1.0	µg/L	10.0	ND	116		70-130			
1,1,1,2-Tetrachloroethane	10.5	1.0	µg/L	10.0	ND	105		70-130			
1,1,2,2-Tetrachloroethane	12.6	0.50	µg/L	10.0	ND	126		70-130			
Tetrachloroethylene	11.8	1.0	µg/L	10.0	ND	118		70-130			
Tetrahydrofuran	12.2	10	µg/L	10.0	ND	122		70-130			
Toluene	11.8	1.0	µg/L	10.0	0.230	116		70-130			
1,2,3-Trichlorobenzene	11.3	5.0	µg/L	10.0	ND	113		70-130			
1,2,4-Trichlorobenzene	10.1	1.0	µg/L	10.0	ND	101		70-130			
1,3,5-Trichlorobenzene	9.09	1.0	µg/L	10.0	ND	90.9		70-130			
1,1,1-Trichloroethane	12.3	1.0	µg/L	10.0	ND	123		70-130			
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0	ND	114		70-130			
Trichloroethylene	11.7	1.0	µg/L	10.0	ND	117		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B043044 - SW-846 5030B											
Matrix Spike (B043044-MS1)	**Source: 11L0394-02**			Prepared & Analyzed: 12/19/11							
Trichlorofluoromethane (Freon 11)	9.51	2.0	µg/L	10.0	ND	95.1		70-130			
1,2,3-Trichloropropane	12.4	2.0	µg/L	10.0	ND	124		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.43	1.0	µg/L	10.0	ND	84.3		70-130			
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.0	ND	106		70-130			
1,3,5-Trimethylbenzene	11.3	1.0	µg/L	10.0	ND	113		70-130			
Vinyl Chloride	6.99	2.0	µg/L	10.0	ND	**69.9**	*	70-130			MS-07A
m+p Xylene	23.1	2.0	µg/L	20.0	ND	115		70-130			
o-Xylene	11.9	1.0	µg/L	10.0	ND	119		70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.2*		µg/L	25.0		101		70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		101		70-130			
Surrogate: 4-Bromofluorobenzene	*26.7*		µg/L	25.0		107		70-130			
Matrix Spike Dup (B043044-MSD1)	**Source: 11L0394-02**			Prepared & Analyzed: 12/19/11							
Acetone	86.2	50	µg/L	100	2.34	83.9		70-130	0.278	30	
Acrylonitrile	9.57	5.0	µg/L	10.0	ND	95.7		70-130	3.39	30	
tert-Amyl Methyl Ether (TAME)	11.2	0.50	µg/L	10.0	ND	112		70-130	0.179	30	
Benzene	12.3	1.0	µg/L	10.0	ND	123		70-130	3.20	30	
Bromobenzene	11.0	1.0	µg/L	10.0	ND	110		70-130	1.27	30	
Bromochloromethane	11.1	1.0	µg/L	10.0	ND	111		70-130	0.450	30	
Bromodichloromethane	9.56	0.50	µg/L	10.0	ND	95.6		70-130	1.90	30	
Bromoform	12.0	1.0	µg/L	10.0	ND	120		70-130	1.32	30	
Bromomethane	5.96	2.0	µg/L	10.0	ND	**59.6**	*	70-130	12.9	30	MS-07A
2-Butanone (MEK)	126	20	µg/L	100	ND	126		70-130	1.18	30	
tert-Butyl Alcohol (TBA)	123	20	µg/L	100	ND	123		70-130	3.52	30	V-16
n-Butylbenzene	9.61	1.0	µg/L	10.0	ND	96.1		70-130	1.65	30	
sec-Butylbenzene	10.7	1.0	µg/L	10.0	ND	107		70-130	2.08	30	
tert-Butylbenzene	10.9	1.0	µg/L	10.0	ND	109		70-130	2.60	30	
tert-Butyl Ethyl Ether (TBEE)	9.92	0.50	µg/L	10.0	ND	99.2		70-130	1.73	30	
Carbon Disulfide	12.4	4.0	µg/L	10.0	ND	124		70-130	0.726	30	
Carbon Tetrachloride	11.7	5.0	µg/L	10.0	ND	117		70-130	0.856	30	
Chlorobenzene	11.2	1.0	µg/L	10.0	ND	112		70-130	0.537	30	
Chlorodibromomethane	12.6	0.50	µg/L	10.0	ND	126		70-130	3.47	30	
Chloroethane	7.89	2.0	µg/L	10.0	ND	78.9		70-130	1.02	30	
Chloroform	12.2	2.0	µg/L	10.0	ND	122		70-130	2.90	30	
Chloromethane	6.77	2.0	µg/L	10.0	ND	**67.7**	*	70-130	2.54	30	MS-07A
2-Chlorotoluene	12.1	1.0	µg/L	10.0	ND	121		70-130	1.08	30	
4-Chlorotoluene	11.8	1.0	µg/L	10.0	ND	118		70-130	0.852	30	
1,2-Dibromo-3-chloropropane (DBCP)	10.4	5.0	µg/L	10.0	ND	104		70-130	8.98	30	
1,2-Dibromoethane (EDB)	12.3	0.50	µg/L	10.0	ND	123		70-130	1.81	30	
Dibromomethane	12.0	1.0	µg/L	10.0	ND	120		70-130	1.57	30	
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0	ND	107		70-130	0.0933	30	
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0	ND	108		70-130	3.01	30	
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.0	ND	107		70-130	0.650	30	
trans-1,4-Dichloro-2-butene	12.8	2.0	µg/L	10.0	ND	128		70-130	7.74	30	
Dichlorodifluoromethane (Freon 12)	6.88	2.0	µg/L	10.0	ND	**68.8**	*	70-130	1.02	30	MS-07A
1,1-Dichloroethane	11.2	1.0	µg/L	10.0	ND	112		70-130	3.74	30	
1,2-Dichloroethane	10.9	1.0	µg/L	10.0	ND	109		70-130	0.00	30	
1,1-Dichloroethylene	7.56	1.0	µg/L	10.0	ND	75.6		70-130	0.922	30	
cis-1,2-Dichloroethylene	11.6	1.0	µg/L	10.0	ND	116		70-130	1.74	30	
trans-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0	ND	100		70-130	1.09	30	
1,2-Dichloropropane	10.8	1.0	µg/L	10.0	ND	108		70-130	4.70	30	
1,3-Dichloropropane	12.8	0.50	µg/L	10.0	ND	128		70-130	3.27	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B043044 - SW-846 5030B											
Matrix Spike Dup (B043044-MSD1)	**Source: 11L0394-02**			Prepared & Analyzed: 12/19/11							
2,2-Dichloropropane	11.9	1.0	µg/L	10.0	ND	119		70-130	1.95	30	
1,1-Dichloropropene	12.6	2.0	µg/L	10.0	ND	126		70-130	1.42	30	
cis-1,3-Dichloropropene	12.5	0.50	µg/L	10.0	ND	125		70-130	4.57	30	
trans-1,3-Dichloropropene	12.9	0.50	µg/L	10.0	ND	129		70-130	0.855	30	
Diethyl Ether	8.67	2.0	µg/L	10.0	ND	86.7		70-130	1.39	30	
Diisopropyl Ether (DIPE)	9.60	0.50	µg/L	10.0	ND	96.0		70-130	0.418	30	
1,4-Dioxane	170	50	µg/L	100	ND	**170**	*	70-130	13.4	30	MS-12, V-16
Ethylbenzene	11.8	1.0	µg/L	10.0	ND	118		70-130	0.764	30	
Hexachlorobutadiene	10.2	0.50	µg/L	10.0	ND	102		70-130	2.60	30	
2-Hexanone (MBK)	127	10	µg/L	100	ND	127		70-130	2.15	30	
Isopropylbenzene (Cumene)	14.1	1.0	µg/L	10.0	ND	**141**	*	70-130	1.71	30	MS-12
p-Isopropyltoluene (p-Cymene)	11.6	1.0	µg/L	10.0	ND	116		70-130	2.90	30	
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.0	0.200	100		70-130	1.68	30	
Methylene Chloride	5.94	5.0	µg/L	10.0	ND	**59.4**	*	70-130	0.504	30	L-04, MS-09
4-Methyl-2-pentanone (MIBK)	118	10	µg/L	100	ND	118		70-130	2.99	30	
Naphthalene	10.9	2.0	µg/L	10.0	ND	109		70-130	3.35	30	
n-Propylbenzene	12.3	1.0	µg/L	10.0	ND	123		70-130	1.14	30	
Styrene	11.6	1.0	µg/L	10.0	ND	116		70-130	0.0864	30	
1,1,1,2-Tetrachloroethane	10.9	1.0	µg/L	10.0	ND	109		70-130	4.30	30	
1,1,2,2-Tetrachloroethane	13.1	0.50	µg/L	10.0	ND	**131**	*	70-130	3.50	30	MS-24
Tetrachloroethylene	11.6	1.0	µg/L	10.0	ND	116		70-130	1.87	30	
Tetrahydrofuran	11.8	10	µg/L	10.0	ND	118		70-130	3.01	30	
Toluene	12.0	1.0	µg/L	10.0	0.230	118		70-130	1.93	30	
1,2,3-Trichlorobenzene	10.8	5.0	µg/L	10.0	ND	108		70-130	4.70	30	
1,2,4-Trichlorobenzene	9.73	1.0	µg/L	10.0	ND	97.3		70-130	3.63	30	
1,3,5-Trichlorobenzene	8.76	1.0	µg/L	10.0	ND	87.6		70-130	3.70	30	
1,1,1-Trichloroethane	12.1	1.0	µg/L	10.0	ND	121		70-130	1.39	30	
1,1,2-Trichloroethane	11.6	1.0	µg/L	10.0	ND	116		70-130	2.61	30	
Trichloroethylene	11.6	1.0	µg/L	10.0	ND	116		70-130	1.20	30	
Trichlorofluoromethane (Freon 11)	9.59	2.0	µg/L	10.0	ND	95.9		70-130	0.838	30	
1,2,3-Trichloropropane	12.9	2.0	µg/L	10.0	ND	129		70-130	4.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.47	1.0	µg/L	10.0	ND	84.7		70-130	0.473	30	
1,2,4-Trimethylbenzene	10.7	1.0	µg/L	10.0	ND	107		70-130	0.846	30	
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.0	ND	114		70-130	0.353	30	
Vinyl Chloride	6.94	2.0	µg/L	10.0	ND	**69.4**	*	70-130	0.718	30	MS-07A
m+p Xylene	23.3	2.0	µg/L	20.0	ND	116		70-130	0.992	20	
o-Xylene	12.1	1.0	µg/L	10.0	ND	121		70-130	1.17	30	
Surrogate: 1,2-Dichloroethane-d4	*24.2*		µg/L	25.0		96.7		70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102		70-130			
Surrogate: 4-Bromofluorobenzene	*27.0*		µg/L	25.0		108		70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

1IL0394

Company Name: Ecology + Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: Bryan Kroon / Rick Watt
Project Location: Farming dale, NY
Sampled By: Brian Cervi

Telephone: (716) 684-8060
Project # 002699.ID25.03
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/~~Time~~	Collection Ending ~~Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
								H		V
-01	TB-120811	12/8/11	0830		X	DW	C	3		VOCs (8260B)
-02	PW21-100	12/8/11	0840		X	GW	L	9		
-03	PW21-125	12/8/11	1010		X	GW	L	3		
-04	PW21-150	12/8/11	1235		X	GW	L	3		
-05	PW21-175	12/8/11	1430		X	GW	L	3		

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

Comments: PW21-100 was collected as a MS/MSD sample

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Relinquished by: (signature)	Date/Time:
Received by: (signature) 2.0°	Date/Time: 12/9/11 0950 / 1008 12/9/11
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day SEE SOW
☒ Other SOW

RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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Saturday, 12/10/2011 at 10:08 A.M.

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Additional Information

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Sample Receipt Checklist

CLIENT NAME: Ecology & Environment RECEIVED BY: CEC DATE: 12/10/11

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? Yes (No)

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.0c

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	21	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: 2 vials for PW21-100 Received Broken CEC 12/10/11

40 mL vials: # HCl 21 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

Doc# 277

Rev. 1 Ma

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-120811

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0394-01	File ID:	VC353011.D
Sampled:	12/08/11 08:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120811

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0394-01	File ID:	VC353011.D
Sampled:	12/08/11 08:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120811

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0394-01	File ID:	VC353011.D
Sampled:	12/08/11 08:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120811

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0394-01	File ID:	VC353011.D
Sampled:	12/08/11 08:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353011.D Vial: 11
Acq On : 19 Dec 2011 11:12 am Operator:
Sample : 11L0394-01 @ TB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:41:00 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Jan 27 12:11:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	440786	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	637793	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	320534	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	296522	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	203343	24.58	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.32%			
49) TOLUENE SS	5.603	98	640494	25.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	246495	26.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.28%			
Target Compounds						Qvalue
23) METHYLENE CHLORIDE	1.844	49	8774	0.51	UG/L	# 68

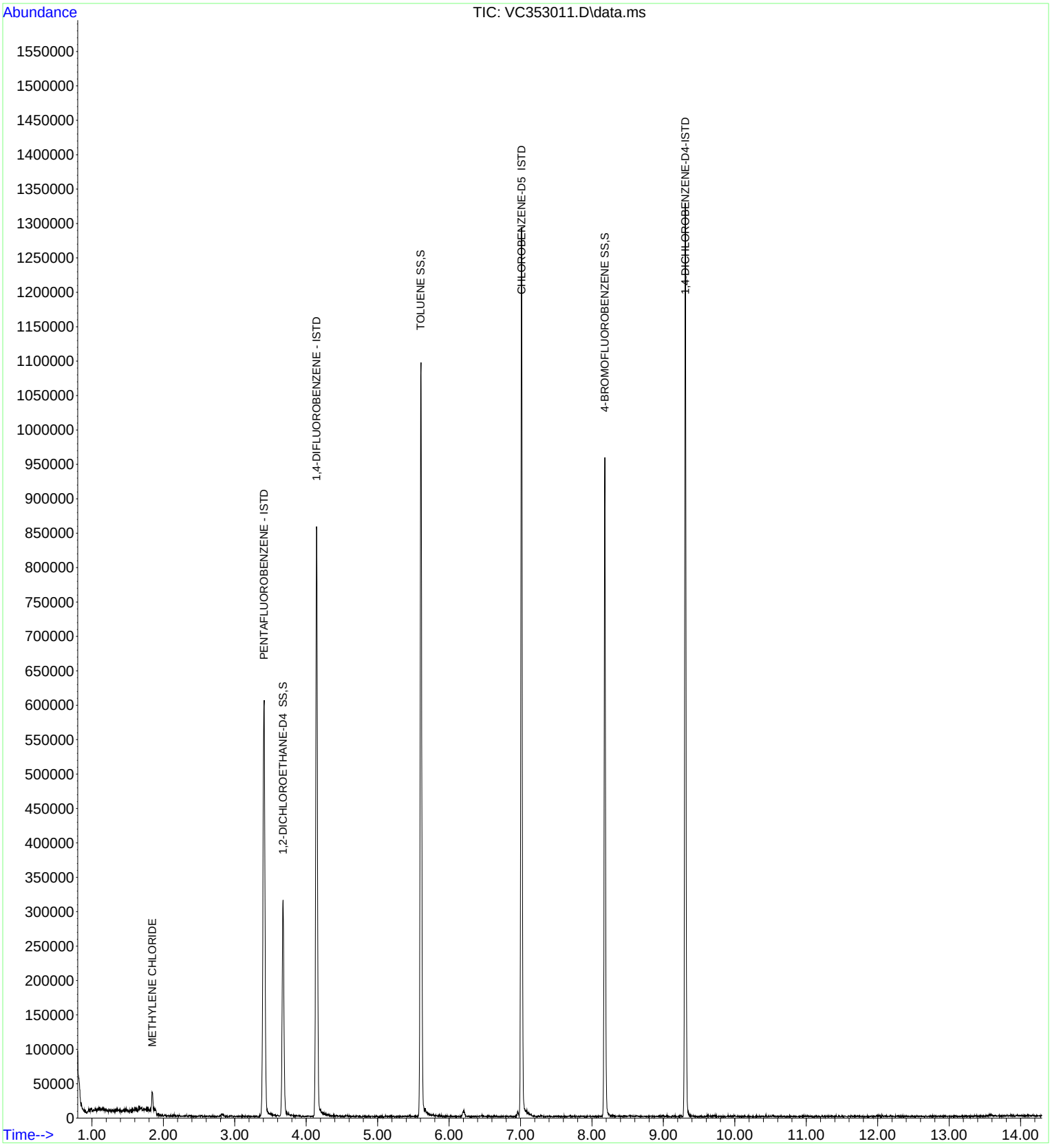
(#) = qualifier out of range (m) = manual integration (+) = signals summed

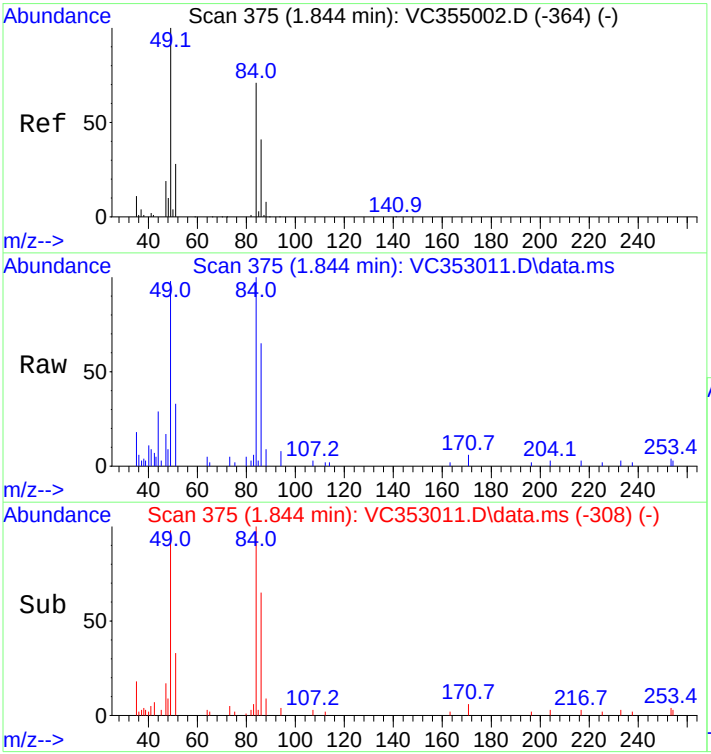
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353011.D
Acq On : 19 Dec 2011 11:12 am
Sample : 11L0394-01 @ TB
Misc :
Quant Time: Dec 19 14:41:00 2011

Vial: 11
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Jan 27 12:11:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

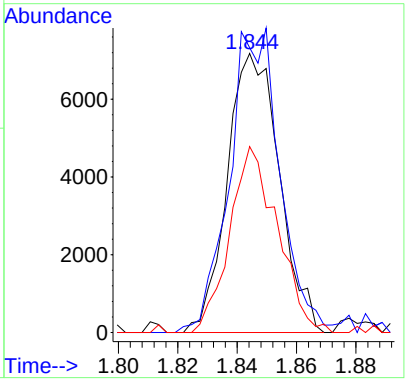




#23
METHYLENE CHLORIDE
Concen: 0.51 UG/L
RT: 1.844 min Scan# 375
Delta R.T. -0.002 min
Lab File: VC353011.D
Acq: 19 Dec 2011 11:12 am

Tgt Ion: 49 Resp: 8774

Ion	Ratio	Lower	Upper
49	100		
84	105.2	57.8	86.8#
86	60.9	37.5	56.3#



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1 - FORM I
ANALYSIS DATA SHEET

PW21-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-02	File ID:	VC353012.D
Sampled:	12/08/11 08:40	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	MS-07A
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	MS-07A
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-02	File ID:	VC353012.D
Sampled:	12/08/11 08:40	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	MS-07A
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	MS-12, V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	MS-12

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1 - FORM I
ANALYSIS DATA SHEET

PW21-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-02	File ID:	VC353012.D
Sampled:	12/08/11 08:40	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04, MS-09
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	MS-07A
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-02	File ID:	VC353012.D
Sampled:	12/08/11 08:40	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353012.D Vial: 12
Acq On : 19 Dec 2011 11:42 am Operator:
Sample : 11L0394-02 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:41:16 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	444894	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	661286	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	329907	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	309730	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	209576	25.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%			
49) TOLUENE SS	5.606	98	653556	24.60	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.40%			
71) 4-BROMOFLUOROBENZENE SS	8.183	95	249953	25.69	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.76%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	5598	2.34	UG/L	# 87
35) ETHYL ACETATE	2.943	43	1336	Below Cal		# 68

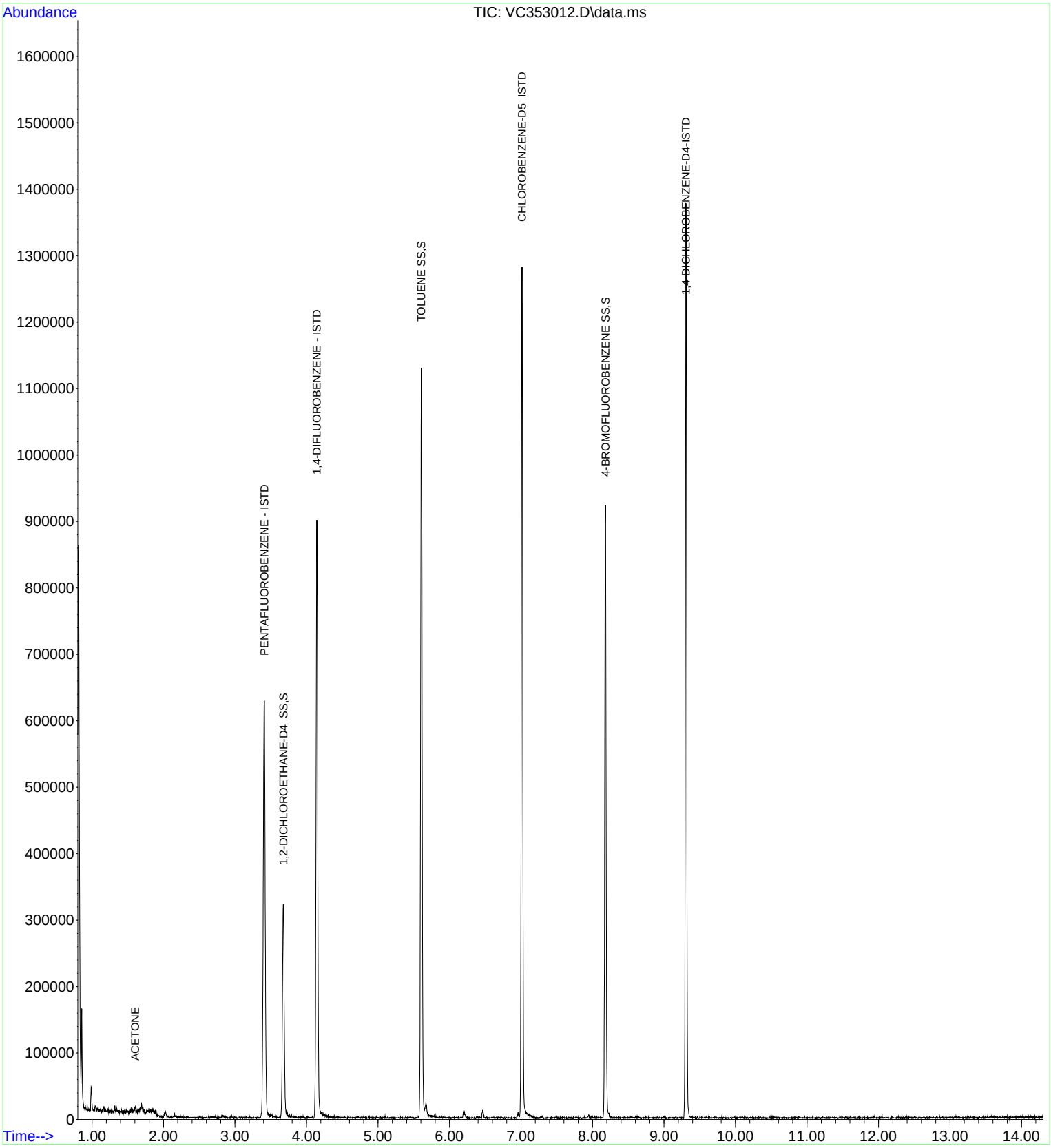
(#) = qualifier out of range (m) = manual integration (+) = signals summed

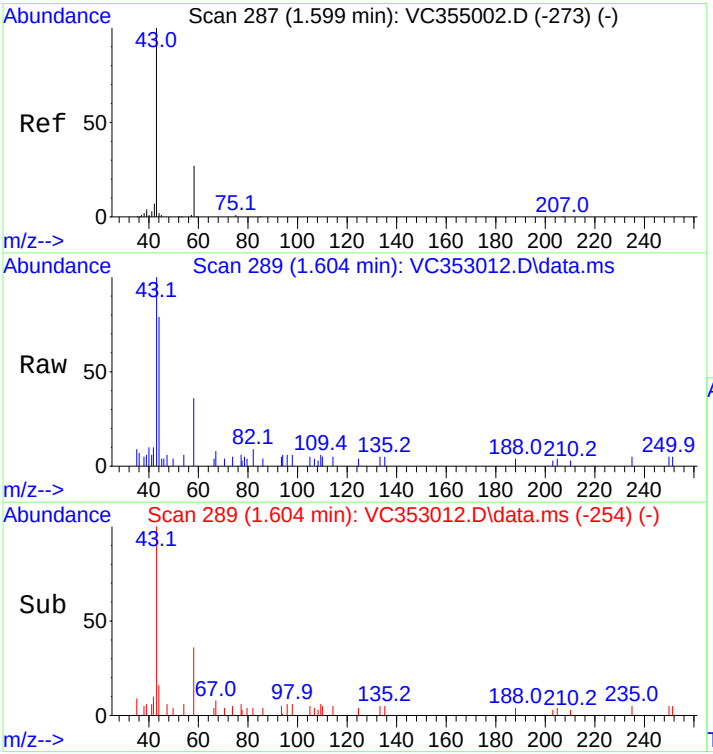
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353012.D
Acq On : 19 Dec 2011 11:42 am
Sample : 11L0394-02
Misc :
Quant Time: Dec 19 14:41:16 2011

Vial: 12
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

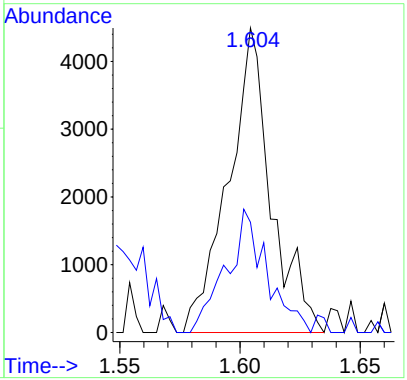


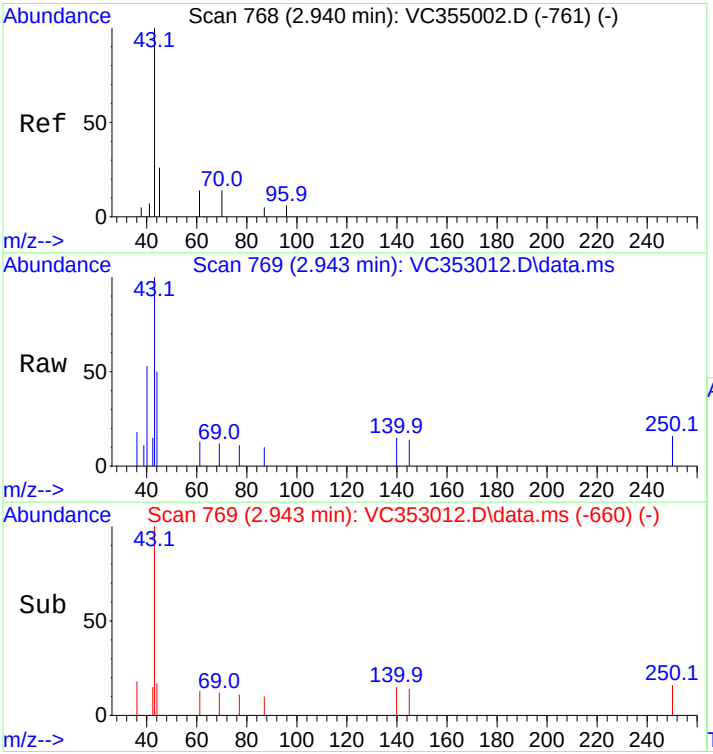


#14
ACETONE
Concen: 2.34 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353012.D
Acq: 19 Dec 2011 11:42 am

Tgt Ion: 43 Resp: 5598

Ion	Ratio	Lower	Upper
43	100		
58	38.1	24.8	37.2#

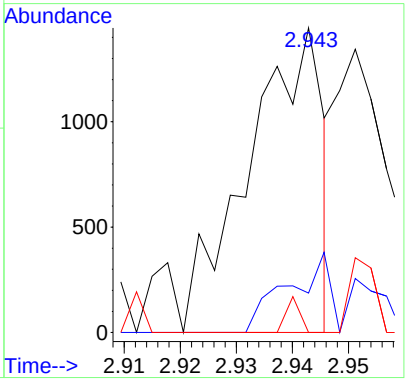




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.943 min Scan# 769
Delta R.T. 0.003 min
Lab File: VC353012.D
Acq: 19 Dec 2011 11:42 am

Tgt Ion: 43 Resp: 1336

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW21-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-03	File ID:	VC353013.D
Sampled:	12/08/11 10:10	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-03	File ID:	VC353013.D
Sampled:	12/08/11 10:10	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

PW21-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-03	File ID:	VC353013.D
Sampled:	12/08/11 10:10	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-03	File ID:	VC353013.D
Sampled:	12/08/11 10:10	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353013.D Vial: 13
Acq On : 19 Dec 2011 12:13 pm Operator:
Sample : 11L0394-03 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:41:36 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	431672	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	636091	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	319234	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	304423	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	199094	24.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.28%			
49) TOLUENE SS	5.606	98	620365	24.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.12%			
71) 4-BROMOFLUOROBENZENE SS	8.177	95	243628	25.87	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.48%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	5119	2.20	UG/L	# 67
35) ETHYL ACETATE	2.946	43	1135	Below Cal		# 68

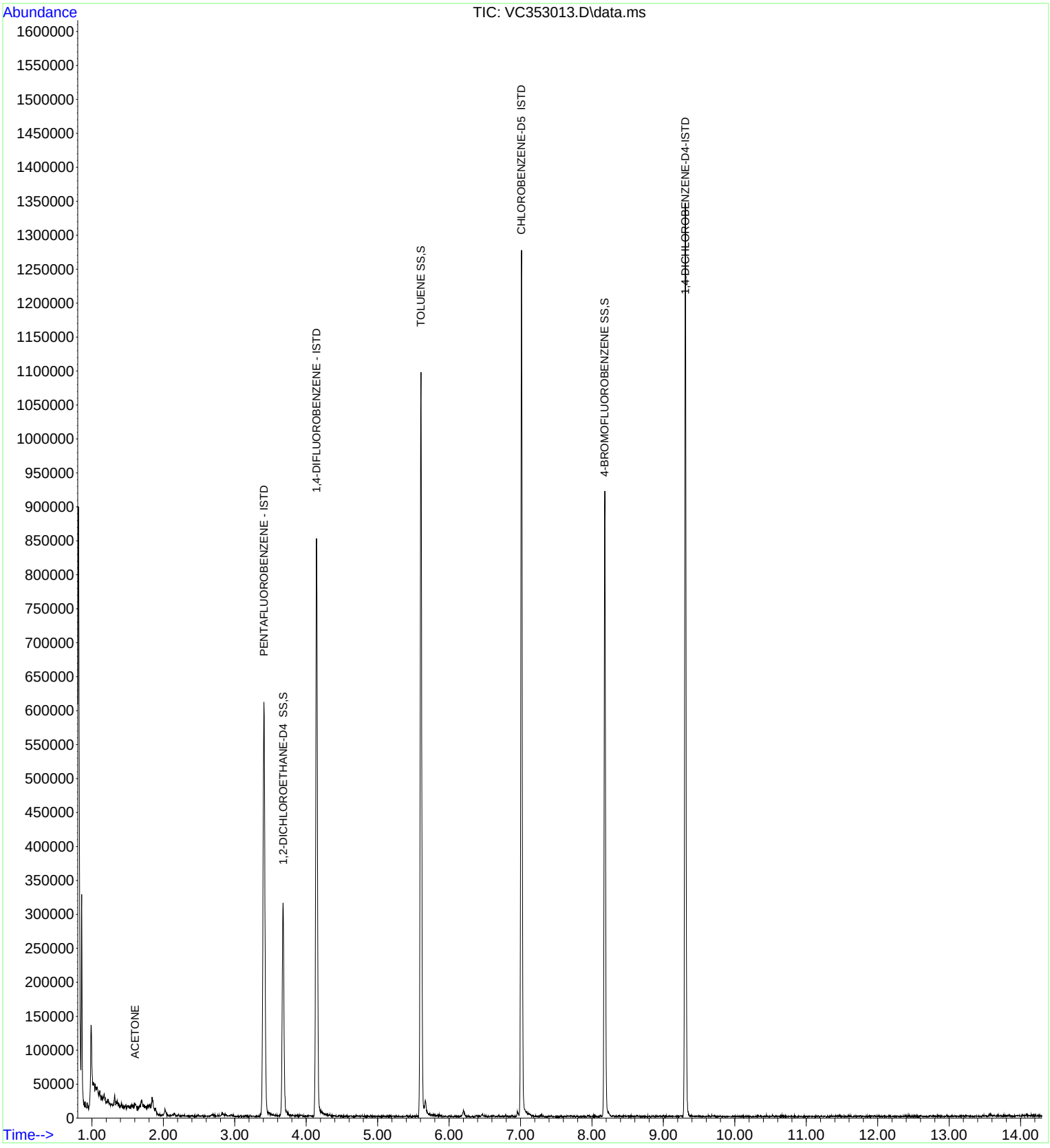
(#) = qualifier out of range (m) = manual integration (+) = signals summed

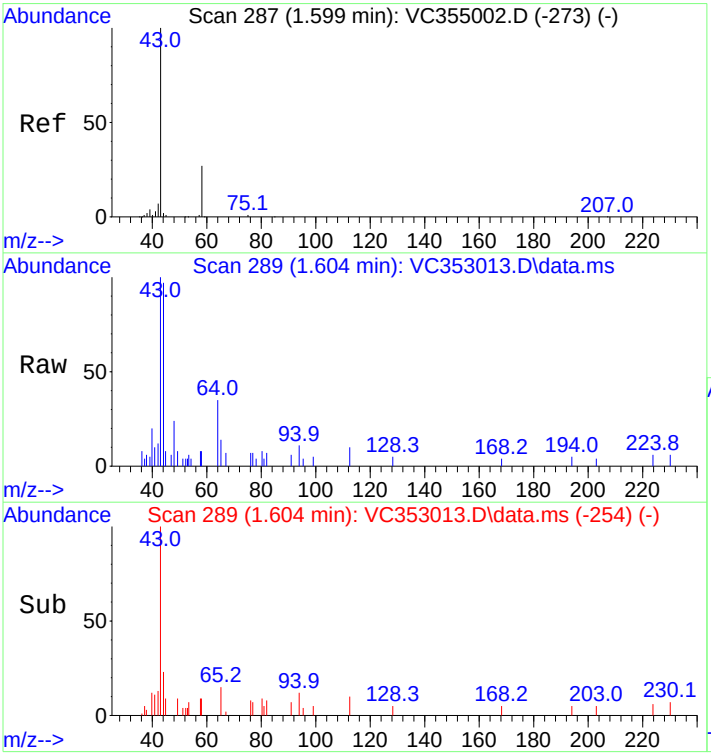
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353013.D
Acq On : 19 Dec 2011 12:13 pm
Sample : 11L0394-03
Misc :
Quant Time: Dec 19 14:41:36 2011

Vial: 13
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

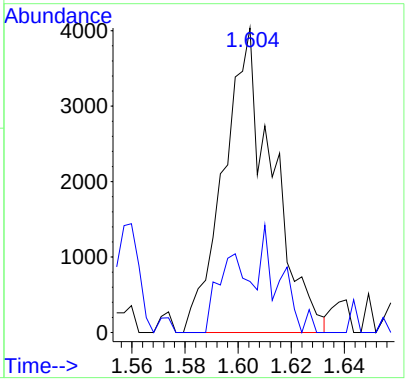


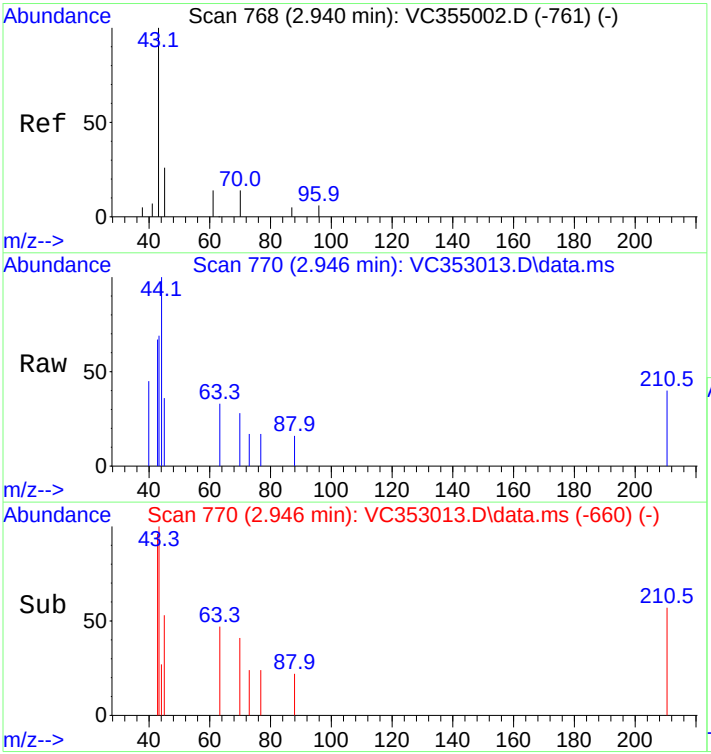


#14
ACETONE
Concen: 2.20 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353013.D
Acq: 19 Dec 2011 12:13 pm

Tgt Ion: 43 Resp: 5119

Ion	Ratio	Lower	Upper
43	100		
58	13.1	24.8	37.2#

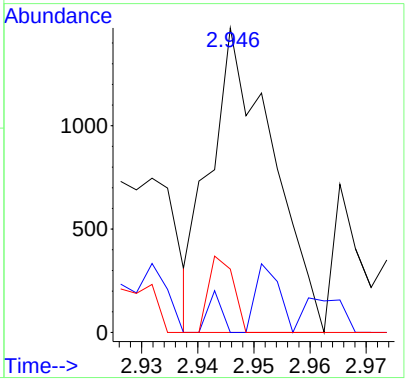




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.946 min Scan# 770
Delta R.T. 0.006 min
Lab File: VC353013.D
Acq: 19 Dec 2011 12:13 pm

Tgt Ion: 43 Resp: 1135

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW21-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-04	File ID:	VC353014.D
Sampled:	12/08/11 12:35	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-04	File ID:	VC353014.D
Sampled:	12/08/11 12:35	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-04	File ID:	VC353014.D
Sampled:	12/08/11 12:35	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	3.0	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-04	File ID:	VC353014.D
Sampled:	12/08/11 12:35	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353014.D Vial: 14
Acq On : 19 Dec 2011 12:44 pm Operator:
Sample : 11L0394-04 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:42:05 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

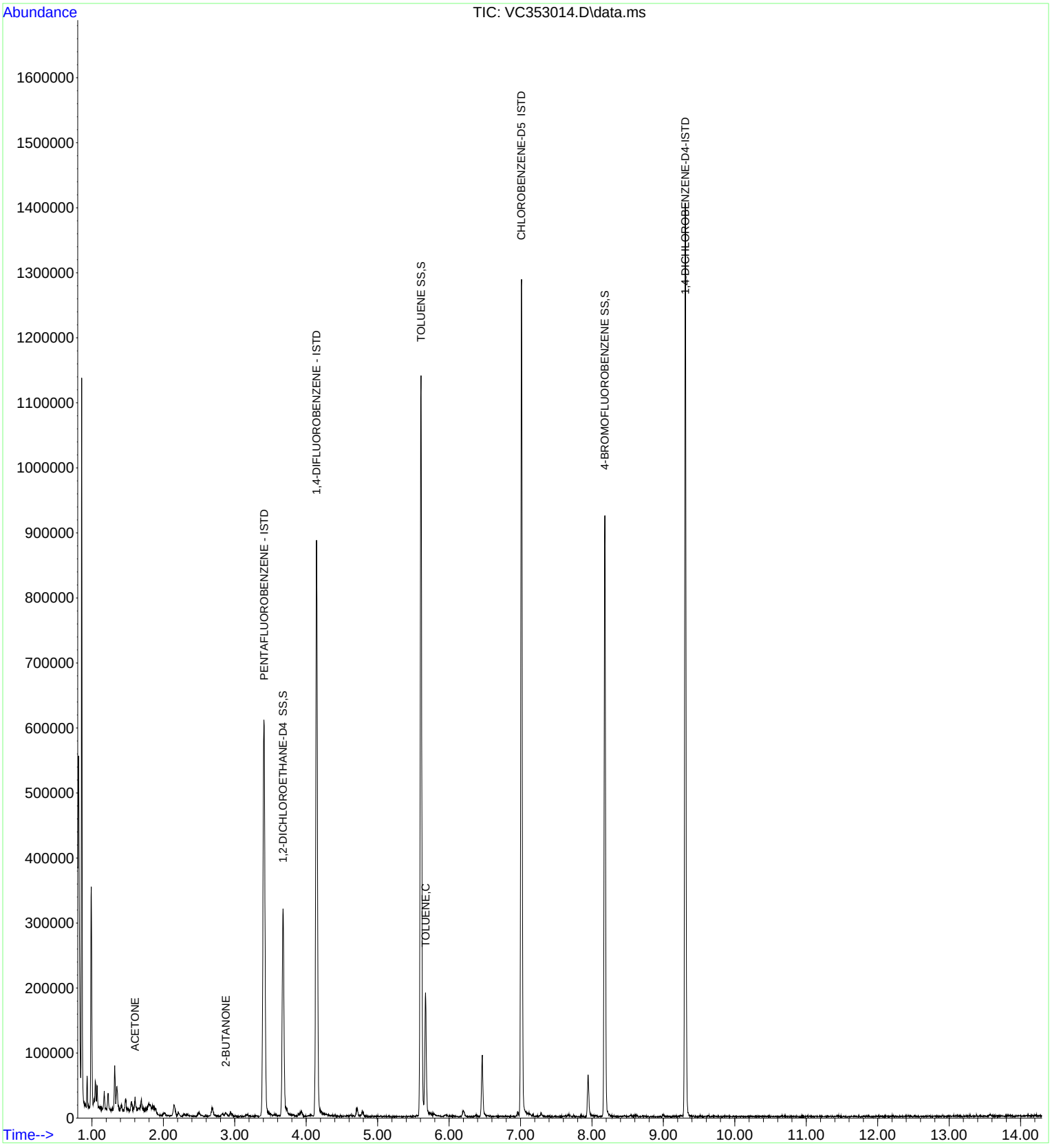
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	442122	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	646148	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.011	82	325072	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	312000	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	207541	25.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%			
49) TOLUENE SS	5.609	98	657455	25.33	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.32%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	254236	26.51	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.04%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	14410	6.06	UG/L	98
31) 2-BUTANONE	2.876	43	7053	2.29	UG/L #	92
35) ETHYL ACETATE	2.943	43	6983	Below Cal	#	68
61) TOLUENE	5.670	91	109948	2.98	UG/L	98

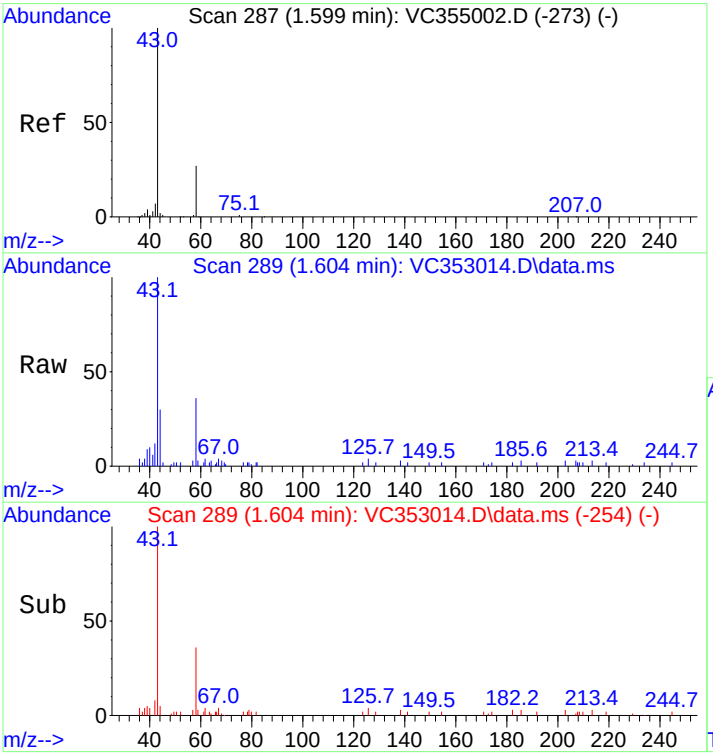
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121911\VC353014.D
Acq On : 19 Dec 2011 12:44 pm
Sample : 11L0394-04
Misc :
Quant Time: Dec 19 14:42:05 2011

Vial: 14
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

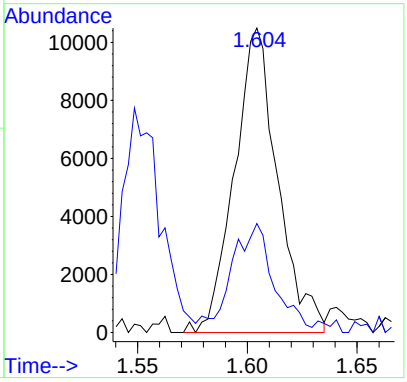


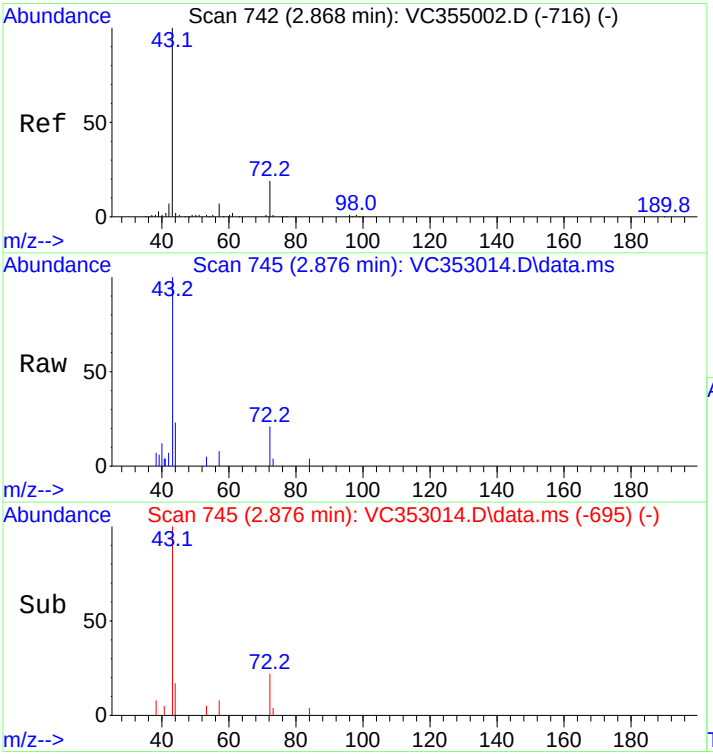


#14
ACETONE
Concen: 6.06 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353014.D
Acq: 19 Dec 2011 12:44 pm

Tgt Ion: 43 Resp: 14410

Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.8	37.2

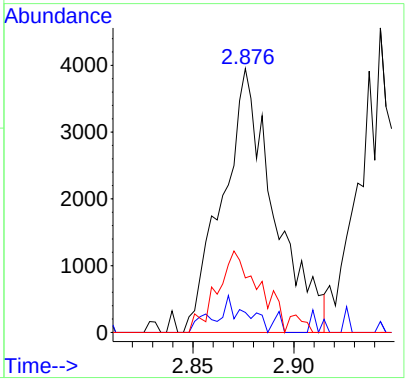


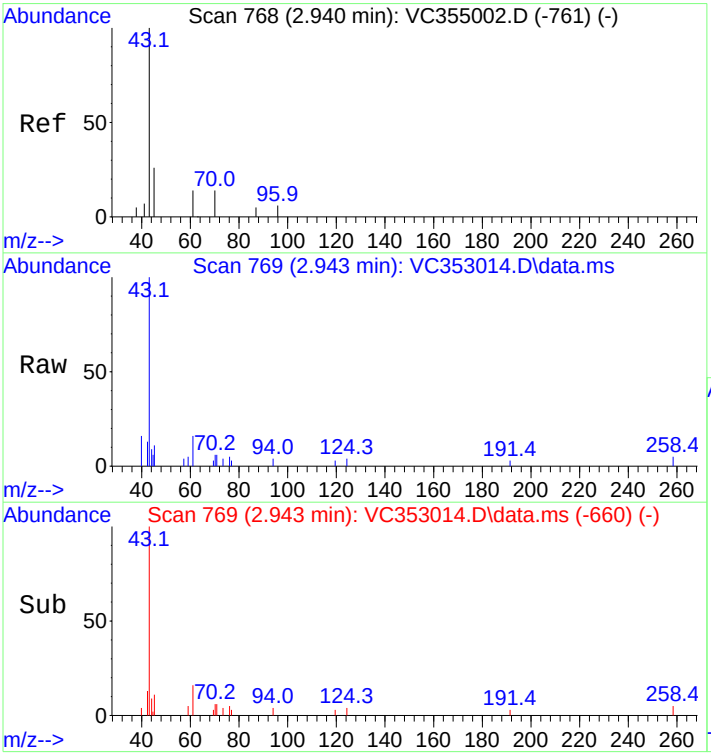


#31
2-BUTANONE
Concen: 2.29 UG/L
RT: 2.876 min Scan# 745
Delta R.T. 0.006 min
Lab File: VC353014.D
Acq: 19 Dec 2011 12:44 pm

Tgt Ion: 43 Resp: 7053

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	24.8	18.5	27.7

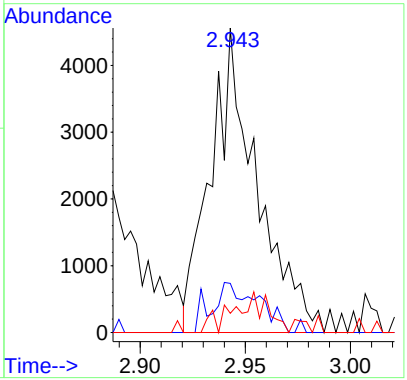


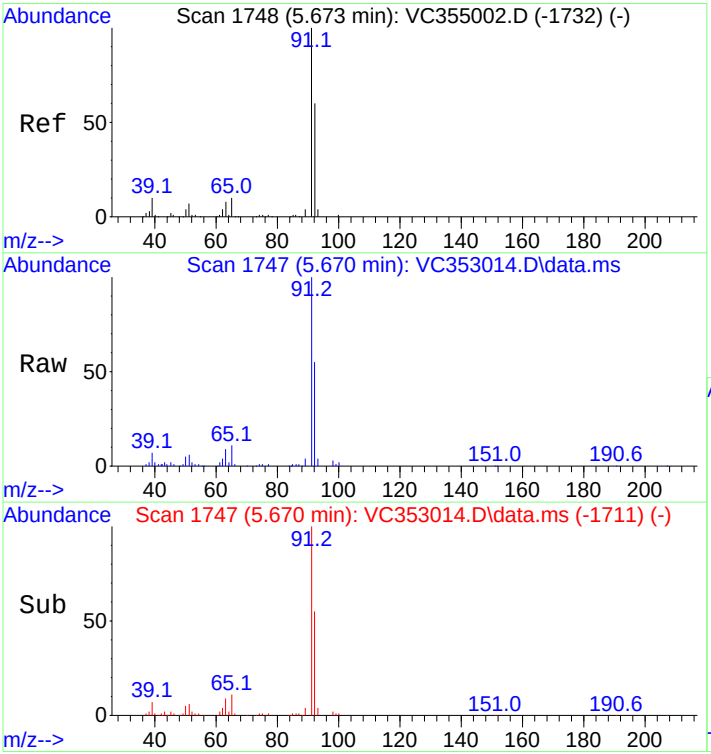


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.943 min Scan# 769
Delta R.T. 0.003 min
Lab File: VC353014.D
Acq: 19 Dec 2011 12:44 pm

Tgt Ion: 43 Resp: 6983

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

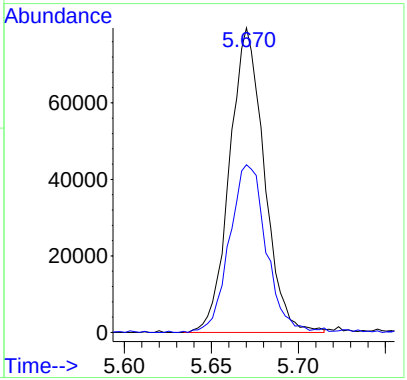




#61
TOLUENE
Concen: 2.98 UG/L
RT: 5.670 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VC353014.D
Acq: 19 Dec 2011 12:44 pm

Tgt Ion: 91 Resp: 109948

Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.9	71.9



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1 - FORM I
ANALYSIS DATA SHEET

PW21-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-05	File ID:	VC353015.D
Sampled:	12/08/11 14:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:15
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-05	File ID:	VC353015.D
Sampled:	12/08/11 14:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:15
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-05	File ID:	VC353015.D
Sampled:	12/08/11 14:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:15
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	1.9	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-05	File ID:	VC353015.D
Sampled:	12/08/11 14:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:15
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353015.D Vial: 15
Acq On : 19 Dec 2011 1:15 pm Operator:
Sample : 11L0394-05 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:42:36 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	442275	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	646974	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	324013	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	300553	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	208277	25.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.36%			
49) TOLUENE SS	5.606	98	646667	24.88	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.52%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	250909	26.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.00%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	12839m	5.39	UG/L	
31) 2-BUTANONE	2.873	43	6024m	1.95	UG/L	
35) ETHYL ACETATE	2.951	43	5470	Below Cal	#	68
61) TOLUENE	5.667	91	68705	1.86	UG/L	99

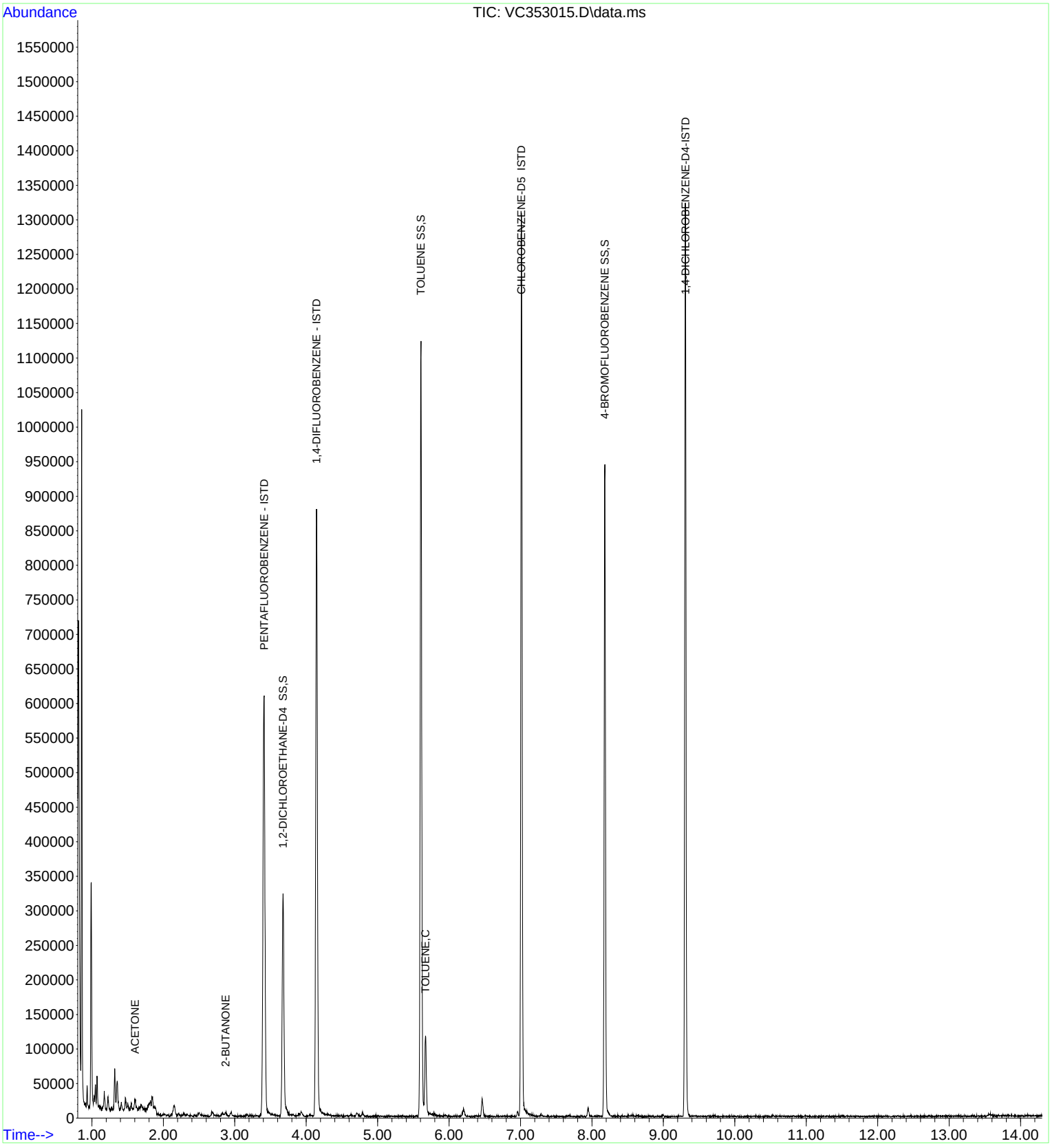
(#) = qualifier out of range (m) = manual integration (+) = signals summed

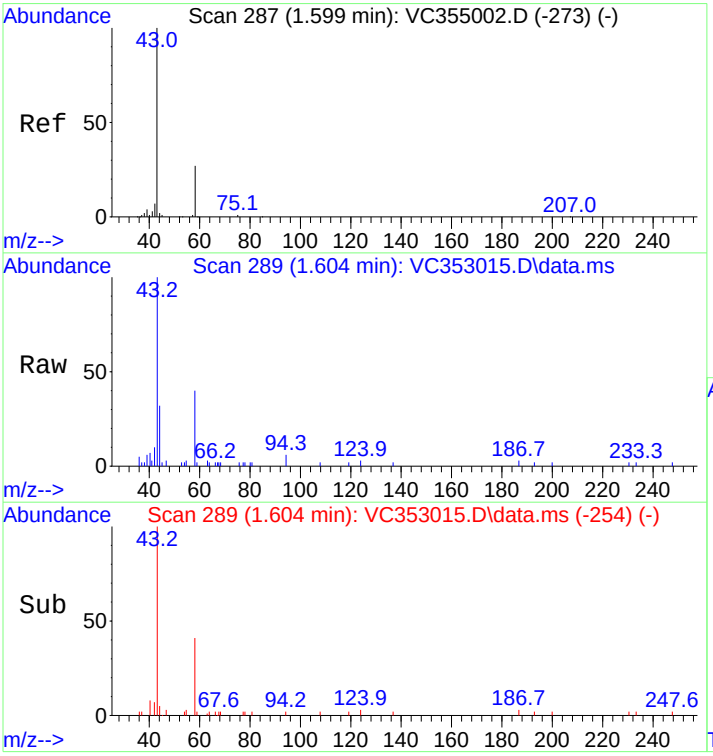
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353015.D
Acq On : 19 Dec 2011 1:15 pm
Sample : 11L0394-05
Misc :
Quant Time: Dec 19 14:42:36 2011

Vial: 15
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

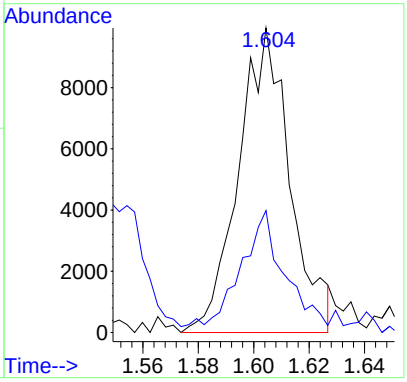


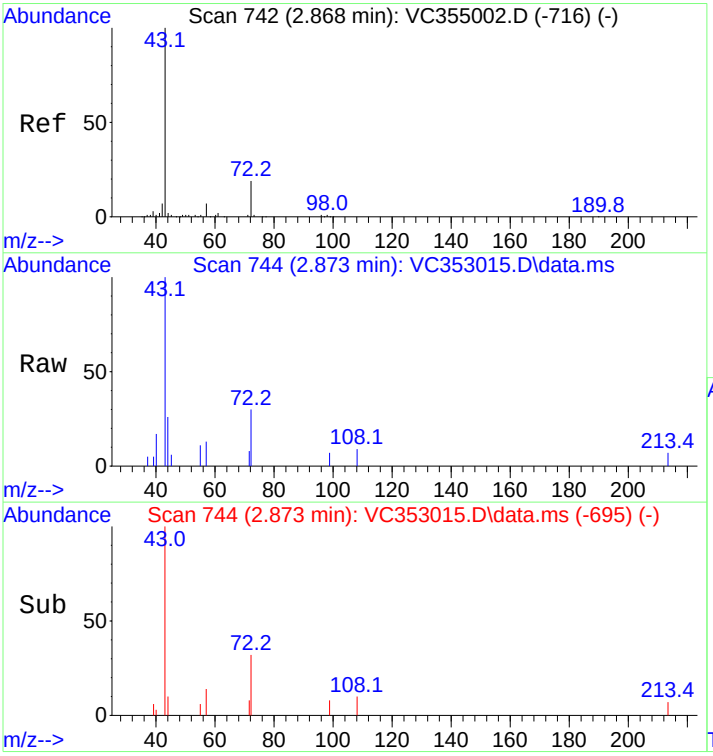


#14
ACETONE
Concen: 5.39 UG/L m
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353015.D
Acq: 19 Dec 2011 1:15 pm

Tgt Ion: 43 Resp: 12839

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

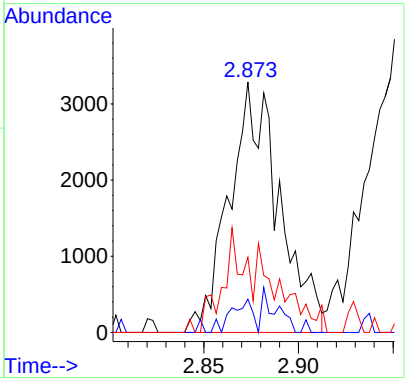


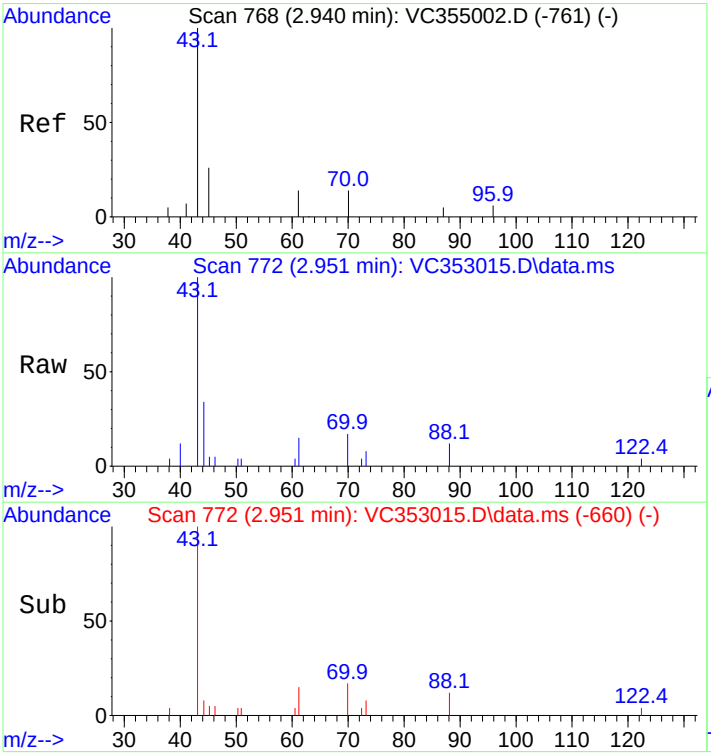


#31
2-BUTANONE
Concen: 1.95 UG/L m
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC353015.D
Acq: 19 Dec 2011 1:15 pm

Tgt Ion: 43 Resp: 6024

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

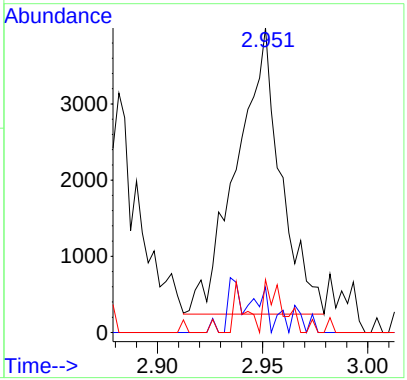


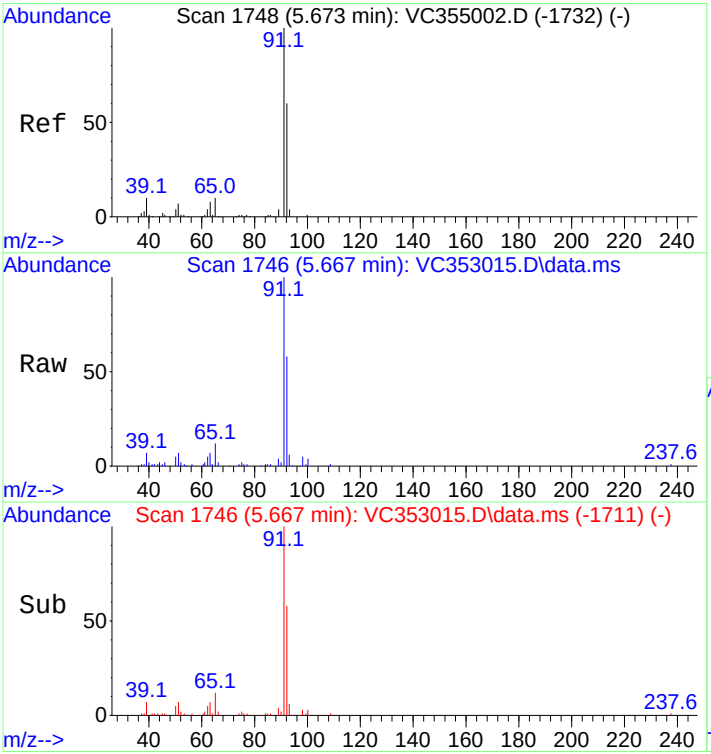


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.951 min Scan# 772
Delta R.T. 0.011 min
Lab File: VC353015.D
Acq: 19 Dec 2011 1:15 pm

Tgt Ion: 43 Resp: 5470

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

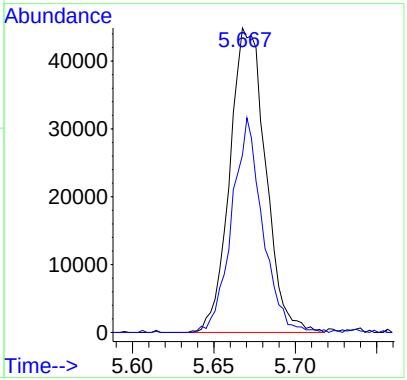




#61
TOLUENE
Concen: 1.86 UG/L
RT: 5.667 min Scan# 1746
Delta R.T. -0.003 min
Lab File: VC353015.D
Acq: 19 Dec 2011 1:15 pm

Tgt Ion: 91 Resp: 68705

Ion	Ratio	Lower	Upper
91	100		
92	60.5	47.9	71.9



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11L0394-01	98.3	104	100
11L0394-02	100	103	98.4
11L0394-03	98.3	103	97.1
11L0394-04	100	106	101
11L0394-05	100	105	99.5
B043044-BLK1	95.6	104	100
B043044-BS1	96.3	107	100
B043044-BSD1	94.5	107	101
B043044-MS1	101	107	101
B043044-MSD1	96.7	108	102

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	100	2.34	86.5	84.1		70 - 130
Acrylonitrile	10.0	ND	9.90	99.0		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	ND	11.2	112		70 - 130
Benzene	10.0	ND	12.7	127		70 - 130
Bromobenzene	10.0	ND	11.1	111		70 - 130
Bromochloromethane	10.0	ND	11.1	111		70 - 130
Bromodichloromethane	10.0	ND	9.38	93.8		70 - 130
Bromoform	10.0	ND	12.2	122		70 - 130
Bromomethane	10.0	ND	5.24	52.4	*	70 - 130
2-Butanone (MEK)	100	ND	124	124		70 - 130
tert-Butyl Alcohol (TBA)	100	ND	118	118		70 - 130
n-Butylbenzene	10.0	ND	9.77	97.7		70 - 130
sec-Butylbenzene	10.0	ND	10.5	105		70 - 130
tert-Butylbenzene	10.0	ND	10.6	106		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	ND	9.75	97.5		70 - 130
Carbon Disulfide	10.0	ND	12.4	124		70 - 130
Carbon Tetrachloride	10.0	ND	11.6	116		70 - 130
Chlorobenzene	10.0	ND	11.1	111		70 - 130
Chlorodibromomethane	10.0	ND	12.2	122		70 - 130
Chloroethane	10.0	ND	7.81	78.1		70 - 130
Chloroform	10.0	ND	12.6	126		70 - 130
Chloromethane	10.0	ND	6.60	66.0	*	70 - 130
2-Chlorotoluene	10.0	ND	11.9	119		70 - 130
4-Chlorotoluene	10.0	ND	11.7	117		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	9.47	94.7		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	ND	12.1	121		70 - 130
Dibromomethane	10.0	ND	12.2	122		70 - 130
1,2-Dichlorobenzene	10.0	ND	10.7	107		70 - 130
1,3-Dichlorobenzene	10.0	ND	10.5	105		70 - 130
1,4-Dichlorobenzene	10.0	ND	10.8	108		70 - 130
trans-1,4-Dichloro-2-butene	10.0	ND	11.8	118		70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	ND	6.81	68.1	*	70 - 130
1,1-Dichloroethane	10.0	ND	10.8	108		70 - 130
1,2-Dichloroethane	10.0	ND	10.9	109		70 - 130
1,1-Dichloroethylene	10.0	ND	7.63	76.3		70 - 130
cis-1,2-Dichloroethylene	10.0	ND	11.4	114		70 - 130
trans-1,2-Dichloroethylene	10.0	ND	10.2	102		70 - 130
1,2-Dichloropropane	10.0	ND	11.3	113		70 - 130
1,3-Dichloropropane	10.0	ND	12.4	124		70 - 130
2,2-Dichloropropane	10.0	ND	11.7	117		70 - 130
1,1-Dichloropropene	10.0	ND	12.8	128		70 - 130
cis-1,3-Dichloropropene	10.0	ND	12.0	120		70 - 130
trans-1,3-Dichloropropene	10.0	ND	12.8	128		70 - 130
Diethyl Ether	10.0	ND	8.55	85.5		70 - 130
Diisopropyl Ether (DIPE)	10.0	ND	9.56	95.6		70 - 130
1,4-Dioxane	100	ND	148	148	*	70 - 130
Ethylbenzene	10.0	ND	11.7	117		70 - 130
Hexachlorobutadiene	10.0	ND	10.5	105		70 - 130
2-Hexanone (MBK)	100	ND	124	124		70 - 130
Isopropylbenzene (Cumene)	10.0	ND	13.9	139	*	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	ND	11.2	112		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	0.200	10.0	98.3		70 - 130
Methylene Chloride	10.0	ND	5.97	59.7	*	70 - 130
4-Methyl-2-pentanone (MIBK)	100	ND	114	114		70 - 130
Naphthalene	10.0	ND	11.2	112		70 - 130
n-Propylbenzene	10.0	ND	12.2	122		70 - 130
Styrene	10.0	ND	11.6	116		70 - 130
1,1,1,2-Tetrachloroethane	10.0	ND	10.5	105		70 - 130
1,1,2,2-Tetrachloroethane	10.0	ND	12.6	126		70 - 130
Tetrachloroethylene	10.0	ND	11.8	118		70 - 130
Tetrahydrofuran	10.0	ND	12.2	122		70 - 130
Toluene	10.0	0.230	11.8	116		70 - 130
1,2,3-Trichlorobenzene	10.0	ND	11.3	113		70 - 130
1,2,4-Trichlorobenzene	10.0	ND	10.1	101		70 - 130
1,3,5-Trichlorobenzene	10.0	ND	9.09	90.9		70 - 130
1,1,1-Trichloroethane	10.0	ND	12.3	123		70 - 130
1,1,2-Trichloroethane	10.0	ND	11.4	114		70 - 130
Trichloroethylene	10.0	ND	11.7	117		70 - 130
Trichlorofluoromethane (Freon 11)	10.0	ND	9.51	95.1		70 - 130
1,2,3-Trichloropropane	10.0	ND	12.4	124		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	8.43	84.3		70 - 130
1,2,4-Trimethylbenzene	10.0	ND	10.6	106		70 - 130
1,3,5-Trimethylbenzene	10.0	ND	11.3	113		70 - 130
Vinyl Chloride	10.0	ND	6.99	69.9	*	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
m+p Xylene	20.0	ND	23.1	115	70 - 130
o-Xylene	10.0	ND	11.9	119	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	86.2	83.9		0.278	30	70 - 130
Acrylonitrile	10.0	9.57	95.7		3.39	30	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.2	112		0.179	30	70 - 130
Benzene	10.0	12.3	123		3.20	30	70 - 130
Bromobenzene	10.0	11.0	110		1.27	30	70 - 130
Bromochloromethane	10.0	11.1	111		0.450	30	70 - 130
Bromodichloromethane	10.0	9.56	95.6		1.90	30	70 - 130
Bromoform	10.0	12.0	120		1.32	30	70 - 130
Bromomethane	10.0	5.96	59.6	*	12.9	30	70 - 130
2-Butanone (MEK)	100	126	126		1.18	30	70 - 130
tert-Butyl Alcohol (TBA)	100	123	123		3.52	30	70 - 130
n-Butylbenzene	10.0	9.61	96.1		1.65	30	70 - 130
sec-Butylbenzene	10.0	10.7	107		2.08	30	70 - 130
tert-Butylbenzene	10.0	10.9	109		2.60	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.92	99.2		1.73	30	70 - 130
Carbon Disulfide	10.0	12.4	124		0.726	30	70 - 130
Carbon Tetrachloride	10.0	11.7	117		0.856	30	70 - 130
Chlorobenzene	10.0	11.2	112		0.537	30	70 - 130
Chlorodibromomethane	10.0	12.6	126		3.47	30	70 - 130
Chloroethane	10.0	7.89	78.9		1.02	30	70 - 130
Chloroform	10.0	12.2	122		2.90	30	70 - 130
Chloromethane	10.0	6.77	67.7	*	2.54	30	70 - 130
2-Chlorotoluene	10.0	12.1	121		1.08	30	70 - 130
4-Chlorotoluene	10.0	11.8	118		0.852	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.4	104		8.98	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	12.3	123		1.81	30	70 - 130
Dibromomethane	10.0	12.0	120		1.57	30	70 - 130
1,2-Dichlorobenzene	10.0	10.7	107		0.0933	30	70 - 130
1,3-Dichlorobenzene	10.0	10.8	108		3.01	30	70 - 130
1,4-Dichlorobenzene	10.0	10.7	107		0.650	30	70 - 130
trans-1,4-Dichloro-2-butene	10.0	12.8	128		7.74	30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	6.88	68.8	*	1.02	30	70 - 130
1,1-Dichloroethane	10.0	11.2	112		3.74	30	70 - 130
1,2-Dichloroethane	10.0	10.9	109		0.00	30	70 - 130
1,1-Dichloroethylene	10.0	7.56	75.6		0.922	30	70 - 130
cis-1,2-Dichloroethylene	10.0	11.6	116		1.74	30	70 - 130
trans-1,2-Dichloroethylene	10.0	10.0	100		1.09	30	70 - 130
1,2-Dichloropropane	10.0	10.8	108		4.70	30	70 - 130
1,3-Dichloropropane	10.0	12.8	128		3.27	30	70 - 130
2,2-Dichloropropane	10.0	11.9	119		1.95	30	70 - 130
1,1-Dichloropropene	10.0	12.6	126		1.42	30	70 - 130
cis-1,3-Dichloropropene	10.0	12.5	125		4.57	30	70 - 130
trans-1,3-Dichloropropene	10.0	12.9	129		0.855	30	70 - 130
Diethyl Ether	10.0	8.67	86.7		1.39	30	70 - 130
Diisopropyl Ether (DIPE)	10.0	9.60	96.0		0.418	30	70 - 130
1,4-Dioxane	100	170	170	*	13.4	30	70 - 130
Ethylbenzene	10.0	11.8	118		0.764	30	70 - 130
Hexachlorobutadiene	10.0	10.2	102		2.60	30	70 - 130
2-Hexanone (MBK)	100	127	127		2.15	30	70 - 130
Isopropylbenzene (Cumene)	10.0	14.1	141	*	1.71	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	11.6	116		2.90	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.2	100		1.68	30	70 - 130
Methylene Chloride	10.0	5.94	59.4	*	0.504	30	70 - 130
4-Methyl-2-pentanone (MIBK)	100	118	118		2.99	30	70 - 130
Naphthalene	10.0	10.9	109		3.35	30	70 - 130
n-Propylbenzene	10.0	12.3	123		1.14	30	70 - 130
Styrene	10.0	11.6	116		0.0864	30	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.9	109		4.30	30	70 - 130
1,1,2,2-Tetrachloroethane	10.0	13.1	131	*	3.50	30	70 - 130
Tetrachloroethylene	10.0	11.6	116		1.87	30	70 - 130
Tetrahydrofuran	10.0	11.8	118		3.01	30	70 - 130
Toluene	10.0	12.0	118		1.93	30	70 - 130
1,2,3-Trichlorobenzene	10.0	10.8	108		4.70	30	70 - 130
1,2,4-Trichlorobenzene	10.0	9.73	97.3		3.63	30	70 - 130
1,3,5-Trichlorobenzene	10.0	8.76	87.6		3.70	30	70 - 130
1,1,1-Trichloroethane	10.0	12.1	121		1.39	30	70 - 130
1,1,2-Trichloroethane	10.0	11.6	116		2.61	30	70 - 130
Trichloroethylene	10.0	11.6	116		1.20	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.59	95.9		0.838	30	70 - 130
1,2,3-Trichloropropane	10.0	12.9	129		4.51	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.47	84.7		0.473	30	70 - 130
1,2,4-Trimethylbenzene	10.0	10.7	107		0.846	30	70 - 130
1,3,5-Trimethylbenzene	10.0	11.4	114		0.353	30	70 - 130
Vinyl Chloride	10.0	6.94	69.4	*	0.718	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
m+p Xylene	20.0	23.3	116	0.992	20	70 - 130
o-Xylene	10.0	12.1	121	1.17	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	88.2	88.2		70 - 160
Acrylonitrile	10.0	9.09	90.9		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.4	114		70 - 130
Benzene	10.0	12.6	126		70 - 130
Bromobenzene	10.0	11.4	114		70 - 130
Bromochloromethane	10.0	11.0	110		70 - 130
Bromodichloromethane	10.0	9.56	95.6		70 - 130
Bromoform	10.0	12.0	120		70 - 130
Bromomethane	10.0	5.81	58.1		40 - 160
2-Butanone (MEK)	100	108	108		40 - 160
tert-Butyl Alcohol (TBA)	100	96.9	96.9		40 - 160
n-Butylbenzene	10.0	9.91	99.1		70 - 130
sec-Butylbenzene	10.0	10.6	106		70 - 130
tert-Butylbenzene	10.0	11.0	110		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.3	103		70 - 130
Carbon Disulfide	10.0	14.1	141	*	70 - 130
Carbon Tetrachloride	10.0	11.8	118		70 - 130
Chlorobenzene	10.0	11.6	116		70 - 130
Chlorodibromomethane	10.0	12.4	124		70 - 130
Chloroethane	10.0	8.69	86.9		70 - 130
Chloroform	10.0	12.5	125		70 - 130
Chloromethane	10.0	8.68	86.8		40 - 160
2-Chlorotoluene	10.0	12.2	122		70 - 130
4-Chlorotoluene	10.0	11.9	119		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	7.94	79.4		70 - 130
1,2-Dibromoethane (EDB)	10.0	11.8	118		70 - 130
Dibromomethane	10.0	11.7	117		70 - 130
1,2-Dichlorobenzene	10.0	11.0	110		70 - 130
1,3-Dichlorobenzene	10.0	11.1	111		70 - 130
1,4-Dichlorobenzene	10.0	11.1	111		70 - 130
trans-1,4-Dichloro-2-butene	10.0	10.6	106		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	9.02	90.2		40 - 160
1,1-Dichloroethane	10.0	11.2	112		70 - 130
1,2-Dichloroethane	10.0	10.7	107		70 - 130
1,1-Dichloroethylene	10.0	7.85	78.5		70 - 130
cis-1,2-Dichloroethylene	10.0	11.4	114		70 - 130
trans-1,2-Dichloroethylene	10.0	10.2	102		70 - 130
1,2-Dichloropropane	10.0	11.3	113		70 - 130
1,3-Dichloropropane	10.0	12.1	121		70 - 130
2,2-Dichloropropane	10.0	12.0	120		40 - 130
1,1-Dichloropropene	10.0	12.3	123		70 - 130
cis-1,3-Dichloropropene	10.0	12.3	123		70 - 130
trans-1,3-Dichloropropene	10.0	13.2	132	*	70 - 130
Diethyl Ether	10.0	8.88	88.8		70 - 130
Diisopropyl Ether (DIPE)	10.0	9.76	97.6		70 - 130
1,4-Dioxane	100	130	130		40 - 130
Ethylbenzene	10.0	11.7	117		70 - 130
Hexachlorobutadiene	10.0	10.6	106		70 - 130
2-Hexanone (MBK)	100	102	102		70 - 160
Isopropylbenzene (Cumene)	10.0	14.0	140	*	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.5	115		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.74	97.4		70 - 130
Methylene Chloride	10.0	6.75	67.5	*	70 - 130
4-Methyl-2-pentanone (MIBK)	100	97.4	97.4		70 - 160
Naphthalene	10.0	9.61	96.1		40 - 130
n-Propylbenzene	10.0	12.3	123		70 - 130
Styrene	10.0	12.5	125		70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.3	113		70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.8	118		70 - 130
Tetrachloroethylene	10.0	11.6	116		70 - 130
Tetrahydrofuran	10.0	8.73	87.3		70 - 130
Toluene	10.0	11.5	115		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.93	99.3	70 - 130
1,2,4-Trichlorobenzene	10.0	9.58	95.8	70 - 130
1,3,5-Trichlorobenzene	10.0	9.37	93.7	70 - 130
1,1,1-Trichloroethane	10.0	12.2	122	70 - 130
1,1,2-Trichloroethane	10.0	11.2	112	70 - 130
Trichloroethylene	10.0	11.6	116	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.88	98.8	70 - 130
1,2,3-Trichloropropane	10.0	11.6	116	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.65	86.5	70 - 130
1,2,4-Trimethylbenzene	10.0	11.1	111	70 - 130
1,3,5-Trimethylbenzene	10.0	11.7	117	70 - 130
Vinyl Chloride	10.0	7.99	79.9	40 - 160
m+p Xylene	20.0	23.6	118	70 - 130
o-Xylene	10.0	12.2	122	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	85.5	85.5	3.06	25	70 - 160
Acrylonitrile	10.0	8.32	83.2	8.85	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.8	108	5.67	25	70 - 130
Benzene	10.0	11.4	114	10.0	25	70 - 130
Bromobenzene	10.0	10.7	107	6.07	25	70 - 130
Bromochloromethane	10.0	10.5	105	5.02	25	70 - 130
Bromodichloromethane	10.0	8.96	89.6	6.48	25	70 - 130
Bromoform	10.0	11.3	113	6.42	25	70 - 130
Bromomethane	10.0	6.12	61.2	5.20	25	40 - 160
2-Butanone (MEK)	100	104	104	4.22	25	40 - 160
tert-Butyl Alcohol (TBA)	100	92.7	92.7	4.43	25	40 - 160
n-Butylbenzene	10.0	8.78	87.8	12.1	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	9.50	95.0	11.3	25	70 - 130
tert-Butylbenzene	10.0	10.1	101	8.47	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.49	94.9	8.57	25	70 - 130
Carbon Disulfide	10.0	12.8	128	9.15	25	70 - 130
Carbon Tetrachloride	10.0	10.5	105	11.6	25	70 - 130
Chlorobenzene	10.0	10.9	109	5.97	25	70 - 130
Chlorodibromomethane	10.0	11.7	117	5.97	25	70 - 130
Chloroethane	10.0	7.36	73.6	16.6	25	70 - 130
Chloroform	10.0	11.2	112	10.8	25	70 - 130
Chloromethane	10.0	7.59	75.9	13.4	25	40 - 160
2-Chlorotoluene	10.0	11.3	113	7.67	25	70 - 130
4-Chlorotoluene	10.0	11.1	111	7.06	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.11	81.1	2.12	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.1	111	6.01	25	70 - 130
Dibromomethane	10.0	11.2	112	5.07	25	70 - 130
1,2-Dichlorobenzene	10.0	10.3	103	6.60	25	70 - 130
1,3-Dichlorobenzene	10.0	10.3	103	7.78	25	70 - 130
1,4-Dichlorobenzene	10.0	10.3	103	7.86	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	10.7	107	1.13	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.79	77.9	14.6	25	40 - 160
1,1-Dichloroethane	10.0	10.1	101	10.5	25	70 - 130
1,2-Dichloroethane	10.0	10.0	100	6.58	25	70 - 130
1,1-Dichloroethylene	10.0	7.02	70.2	11.2	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.4	104	9.81	25	70 - 130
trans-1,2-Dichloroethylene	10.0	9.15	91.5	10.7	25	70 - 130
1,2-Dichloropropane	10.0	10.5	105	6.61	25	70 - 130
1,3-Dichloropropane	10.0	11.4	114	5.62	25	70 - 130
2,2-Dichloropropane	10.0	10.5	105	13.4	25	40 - 130
1,1-Dichloropropene	10.0	11.1	111	10.0	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	11.6	116		6.18	25	70 - 130
trans-1,3-Dichloropropene	10.0	12.8	128		3.00	25	70 - 130
Diethyl Ether	10.0	8.38	83.8		5.79	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	9.03	90.3		7.77	25	70 - 130
1,4-Dioxane	100	120	120		7.69	50	40 - 130
Ethylbenzene	10.0	10.7	107		9.28	25	70 - 130
Hexachlorobutadiene	10.0	9.78	97.8		8.42	25	70 - 130
2-Hexanone (MBK)	100	102	102		0.608	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.8	128		8.94	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.5	105		9.65	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.08	90.8		7.01	25	70 - 130
Methylene Chloride	10.0	6.29	62.9	*	7.06	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	94.9	94.9		2.52	25	70 - 160
Naphthalene	10.0	9.94	99.4		3.38	25	40 - 130
n-Propylbenzene	10.0	11.2	112		9.70	25	70 - 130
Styrene	10.0	11.5	115		8.67	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.5	105		6.80	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.3	113		4.08	25	70 - 130
Tetrachloroethylene	10.0	10.5	105		9.68	25	70 - 130
Tetrahydrofuran	10.0	9.50	95.0		8.45	25	70 - 130
Toluene	10.0	10.6	106		7.61	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.89	98.9		0.404	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.49	94.9		0.944	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.80	88.0		6.27	25	70 - 130
1,1,1-Trichloroethane	10.0	10.9	109		10.6	25	70 - 130
1,1,2-Trichloroethane	10.0	10.4	104		7.30	25	70 - 130
Trichloroethylene	10.0	10.5	105		9.40	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	8.66	86.6		13.2	25	70 - 130
1,2,3-Trichloropropane	10.0	11.3	113		2.71	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	7.59	75.9	13.1	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.0	100	9.84	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.8	108	7.28	25	70 - 130
Vinyl Chloride	10.0	7.06	70.6	12.4	25	40 - 160
m+p Xylene	20.0	21.4	107	9.46	25	70 - 130
o-Xylene	10.0	11.3	113	7.56	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B043044-BLK1	Batch:	B043044

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B043044-MSD1	VC353017.D	14:17
Matrix Spike	B043044-MS1	VC353016.D	13:46
LCS Dup	B043044-BSD1	VC353007.D	09:10
LCS	B043044-BS1	VC353006.D	08:39
PW21-175	11L0394-05	VC353015.D	13:15
PW21-150	11L0394-04	VC353014.D	12:44
PW21-125	11L0394-03	VC353013.D	12:13
PW21-100	11L0394-02	VC353012.D	11:42
TB-120811	11L0394-01	VC353011.D	11:12

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VC353004.D	Injection Date:	12/19/11
Instrument ID:	GCMSVOA3	Injection Time:	07:35
Sequence:	S001578	Lab Sample ID:	S001578-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	18.1	PASS
75	30 - 60% of 95	46.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.39	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	92.8	PASS
175	5 - 9% of 174	7.54	PASS
176	95 - 101% of 174	96.6	PASS
177	5 - 9% of 176	6.54	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001578-CCV1	VC353004.D	12/19/2011	7:35:00
LCS	B043044-BS1	VC353006.D	12/19/2011	8:39:00
LCS Dup	B043044-BSD1	VC353007.D	12/19/2011	9:10:00
Blank	B043044-BLK1	VC353009.D	12/19/2011	10:10:00
TB-120811	11L0394-01	VC353011.D	12/19/2011	11:12:00
PW21-100	11L0394-02	VC353012.D	12/19/2011	11:42:00
PW21-125	11L0394-03	VC353013.D	12/19/2011	12:13:00
PW21-150	11L0394-04	VC353014.D	12/19/2011	12:44:00
PW21-175	11L0394-05	VC353015.D	12/19/2011	13:15:00
Matrix Spike	B043044-MS1	VC353016.D	12/19/2011	13:46:00
Matrix Spike Dup	B043044-MSD1	VC353017.D	12/19/2011	14:17:00

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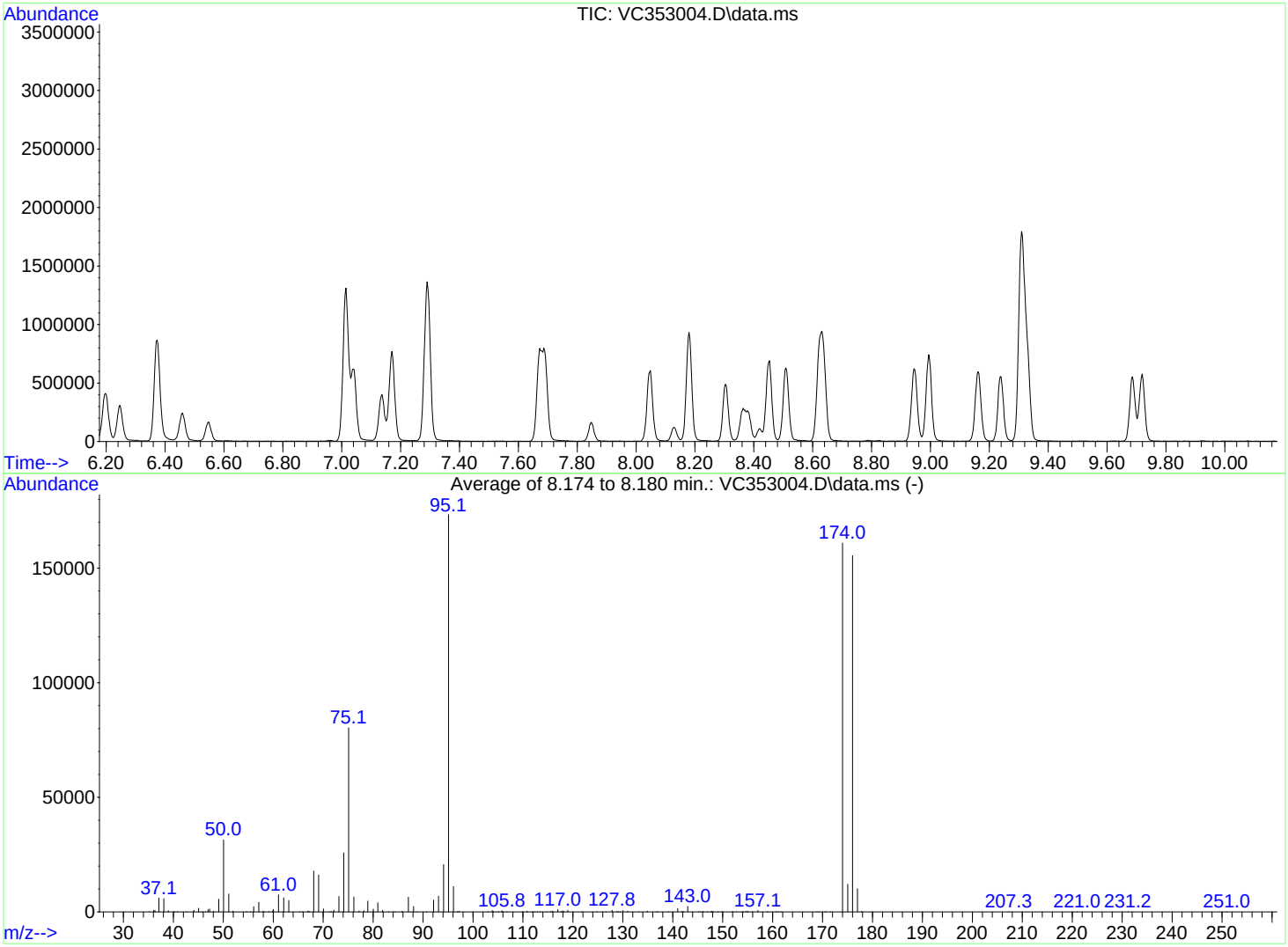
Data Path : Y:\1\DATA\121911\
Data File : VC353004.D
Acq On : 19 Dec 2011 7:35 am
Operator :
Sample : 8260 STD 10PPB/BFB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2645, 2646, 2647; Background Corrected with Scan 2634

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.1	31420	PASS
75	95	30	60	46.4	80377	PASS
95	95	100	100	100.0	173333	PASS
96	95	5	9	6.4	11083	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	92.8	160917	PASS
175	174	5	9	7.5	12133	PASS
176	174	95	101	96.6	155477	PASS
177	176	5	9	6.5	10167	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.1735585	0.5	0.1615208	1	0.183608	2	0.1576183	5	0.2543982	10	0.2270566
Ethyl Methacrylate	0.4	0.3120944	0.5	0.3184248	1	0.3823829	2	0.3331603	5	0.5263728	10	0.3743926
Acetone	4	0.1554043	5	0.1675105	10	0.1595649	20	0.1407027	50	0.1655124	100	0.1378071
Acrolein	4	2.214989E-02	5	2.459122E-02	10	2.403438E-02	20	2.916116E-02	50	4.090153E-02	100	3.533886E-02
Acrylonitrile	0.4	0.232374	0.5	0.2593189	1	0.2441684	2	0.2291564	5	0.2954679	10	0.2290744
tert-Amyl Methyl Ether (TAME)	0.4	1.296146	0.5	1.316429	1	1.236643	2	1.164808	5	1.221491	10	1.163852
Benzene	0.4	2.298883	0.5	2.284467	1	2.138033	2	2.042247	5	2.188259	10	2.050384
Bromobenzene			0.5	1.37265	1	1.383101	2	1.257432	5	1.597306	10	1.362268
Bromochloromethane	0.4	0.4989273	0.5	0.5140464	1	0.577107	2	0.5001036	5	0.4921447	10	0.536249
Bromodichloromethane	0.4	0.4656298	0.5	0.4610418	1	0.5502508	2	0.5002065	5	0.7346128	10	0.5172008
Bromoform	0.4	0.4531623	0.5	0.4257268	1	0.4628235	2	0.4727172	5	0.5520071	10	0.5527317
Bromomethane	0.4	0.654953	0.5	0.9494891	1	0.7242521	2	0.6052736	5	0.6228465	10	0.4329208
2-Butanone (MEK)	4	0.2051417	5	0.2077306	10	0.2155445	20	0.2061988	50	0.1937696	100	0.2324402
tert-Butyl Alcohol (TBA)	4	4.416661E-02	5	4.418706E-02	10	3.408896E-02	20	0.041921	50	4.878132E-02	100	4.024843E-02
n-Butylbenzene	0.4	1.290612	0.5	1.431339	1	1.733816	2	1.813207	5	2.370621	10	2.708798
sec-Butylbenzene	0.4	3.250919	0.5	3.153298	1	3.204015	2	3.139867	5	3.312352	10	3.198559
tert-Butylbenzene	0.4	2.340633	0.5	2.424729	1	2.318174	2	2.291033	5	2.477728	10	2.253446
tert-Butyl Ethyl Ether (TBEE)	0.4	1.840793	0.5	1.781807	1	1.771781	2	1.687718	5	1.747137	10	1.889951
Carbon Disulfide	4	1.344041	5	1.334335	10	1.501464	20	1.377463	50	1.944044	100	1.535119
Carbon Tetrachloride	0.4	0.6591699	0.5	0.6683155	1	0.6780554	2	0.6432844	5	0.6546838	10	0.6825337
Chlorobenzene	0.4	2.40479	0.5	2.322348	1	2.321426	2	2.112926	5	2.271646	10	2.178357
Chlorodibromomethane	0.4	0.3026751	0.5	0.3169986	1	0.4198244	2	0.3612769	5	0.4376995	10	0.3975693
Chloroethane	0.4	0.4352297	0.5	0.4097312	1	0.4477762	2	0.3775452	5	0.455046	10	0.3571921
2-Chloroethyl Vinyl Ether	4	0.1987169	5	0.1868023	10	0.2081794	20	0.2025665	50	0.2201649	100	0.2106516
Chloroform	0.4	1.051787	0.5	1.083556	1	1.047931	2	1.010203	5	1.041699	10	1.063486
Chloromethane	0.4	0.6800326	0.5	0.7028423	1	0.7539428	2	0.6086337	5	0.7863645	10	0.5479636

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene											10	2.505747
4-Chlorotoluene	0.4	2.907023	0.5	2.813016	1	2.772317	2	2.478543	5	3.122606	10	2.856938
Cyclohexane									5	0.9701938	10	0.9659838
1,2-Dibromo-3-chloropropane (D					1	0.1127935	2	9.068737E-02	5	0.1138942	10	0.1228291
1,2-Dibromoethane (EDB)	0.4	0.3422364	0.5	0.3098678	1	0.3891904	2	0.2907898	5	0.4177158	10	0.3486287
Dibromomethane	0.4	0.2825805	0.5	0.290809	1	0.2692848	2	0.2254147	5	0.2645898	10	0.2504243
1,2-Dichlorobenzene	0.4	1.583283	0.5	1.468327	1	1.713749	2	1.640477	5	1.650722	10	2.014451
1,3-Dichlorobenzene	0.4	1.796368	0.5	1.774798	1	1.747895	2	1.591776	5	1.736705	10	1.741841
1,4-Dichlorobenzene	0.4	1.912262	0.5	1.640523	1	1.847095	2	1.657456	5	1.771126	10	1.721234
trans-1,4-Dichloro-2-butene	0.4	0.1781692	0.5	0.1692916	1	0.1630248	2	0.1620981	5	0.1872946	10	0.2057365
Dichlorodifluoromethane (Freon	0.4	0.7386254	0.5	0.6589491	1	0.6807728	2	0.5607948	5	0.7669342	10	0.5947683
1,1-Dichloroethane	0.4	1.114153	0.5	1.0033	1	1.103085	2	0.9944951	5	1.230178	10	1.102254
1,2-Dichloroethane	0.4	0.5656319	0.5	0.6275147	1	0.6836168	2	0.6414515	5	0.6223722	10	0.7705025
1,1-Dichloroethylene	0.4	0.8458238	0.5	0.8358076	1	0.9867381	2	0.8902491	5	1.170174	10	0.9508327
cis-1,2-Dichloroethylene	0.4	1.004513	0.5	0.9691401	1	1.098556	2	0.9251518	5	0.95463	10	1.005602
trans-1,2-Dichloroethylene	0.4	0.8458238	0.5	0.8302979	1	0.9633882	2	0.9091915	5	1.130531	10	0.9440044
Dichlorofluoromethane (Freon 2	0.4	1.106828	0.5	1.109635	1	1.207959	2	1.077741	5	1.467894	10	1.172882
1,2-Dichloropropane	0.4	0.3923159	0.5	0.4177381	1	0.4219131	2	0.385334	5	0.4179806	10	0.3672447
1,3-Dichloropropane	0.4	0.5201051	0.5	0.5415556	1	0.5946545	2	0.5330745	5	0.6155933	10	0.5524675
2,2-Dichloropropane	0.4	0.5395428	0.5	0.6304828	1	0.5213488	2	0.5024136	5	0.5495301	10	0.5898999
1,1-Dichloropropene	0.4	0.8629134	0.5	0.792649	1	0.7477027	2	0.7163238	5	0.8050607	10	0.7427891
cis-1,3-Dichloropropene	0.4	0.4989115	0.5	0.4297957	1	0.4878225	2	0.4549792	5	0.5848233	10	0.5023743
trans-1,3-Dichloropropene	0.4	0.3849374	0.5	0.3575797	1	0.3402225	2	0.3329498	5	0.4158092	10	0.3951977
Diethyl Ether	0.4	0.496042	0.5	0.4040379	1	0.5110829	2	0.4482326	5	0.5587803	10	0.4701855
Difluorochloromethane (Freon 2	0.4	0.7823482	0.5	0.8936584	1	0.8127204	2	0.7223719	5	1.011869	10	0.7284256
Diisopropyl Ether (DIPE)	0.4	1.967966	0.5	1.89604	1	2.056409	2	1.913347	5	2.143794	10	2.120368

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane							20	3.196582E-03	50	3.129956E-03	100	2.883196E-03
Ethyl Acetate	0.4	0.8074277	0.5	0.781997	1	0.4441529	2	0.4914514	5	0.43148	10	0.5309331
Ethylbenzene	0.4	3.725086	0.5	3.6431	1	3.853233	2	3.627565	5	3.979666	10	3.741184
Hexachlorobutadiene			0.5	0.2098054	1	0.273326	2	0.2986123	5	0.4582088	10	0.4050887
2-Hexanone (MBK)			5	0.1653449	10	0.2025554	20	0.1711961	50	0.2255704	100	0.2051464
Iodomethane	4	0.2550788	5	0.3616323	10	0.4641313	20	0.5443557	50	0.9388631	100	0.852968
Isopropylbenzene (Cumene)	0.4	2.804929	0.5	2.811351	1	2.875531	2	2.650841	5	3.135533	10	2.976234
p-Isopropyltoluene (p-Cymene)	0.4	2.269849	0.5	2.552166	1	2.596031	2	2.572897	5	2.783985	10	2.688827
Methyl Acetate	0.4	1.136791	0.5	1.224235	1	1.12865	2	1.071105	5	1.378108	10	1.144853
Methyl tert-Butyl Ether (MTBE)	0.4	1.490124	0.5	1.586951	1	1.6502	2	1.501739	5	1.979052	10	1.66911
Methyl Cyclohexane	0.4	0.5417696	0.5	0.5445376	1	0.5183017	2	0.4883885	5	0.5453855	10	0.4910804
Methylene Chloride							2	1.222769	5	1.324246	10	0.9459196
4-Methyl-2-pentanone (MIBK)	4	0.2962542	5	0.3052263	10	0.3156922	20	0.3061081	50	0.3561865	100	0.3112061
Naphthalene							2	0.1697205	5	0.7465285	10	1.081126
n-Propylbenzene	0.4	3.514642	0.5	3.51516	1	3.718995	2	3.382764	5	4.377785	10	3.981043
Styrene	0.4	2.193029	0.5	1.926317	1	2.330375	2	2.180467	5	2.496233	10	2.44184
1,1,1,2-Tetrachloroethane	0.4	0.776238	0.5	0.6804968	1	0.7299575	2	0.7027007	5	0.8311335	10	0.7424871
1,1,2,2-Tetrachloroethane	0.4	0.9488085	0.5	0.9743981	1	0.848982	2	0.7104886	5	0.9468581	10	0.8957271
Tetrachloroethylene	0.4	0.4403546	0.5	0.4760814	1	0.4775338	2	0.3874991	5	0.4548587	10	0.4053059
Tetrahydrofuran					1	0.138087	2	0.1680872	5	0.1343481	10	0.1475287
Toluene	0.4	1.651526	0.5	1.596273	1	1.878573	2	1.556883	5	2.092463	10	1.595684
1,2,3-Trichlorobenzene							2	0.1600729	5	0.4438378	10	0.6237953
1,2,4-Trichlorobenzene					1	7.816251E-02	2	0.2536159	5	0.665497	10	0.7236138
1,3,5-Trichlorobenzene	0.4	0.3069742	0.5	0.3235666	1	0.6123539	2	0.8168038	5	1.024979	10	1.292162
1,1,1-Trichloroethane	0.4	0.7619294	0.5	0.7673048	1	0.7992337	2	0.7668927	5	0.8752692	10	0.8379735
1,1,2-Trichloroethane	0.4	0.3584062	0.5	0.4017909	1	0.3707791	2	0.327988	5	0.4571183	10	0.3390347

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4828986	0.5	0.3549866	1	0.4349093	2	0.3850032	5	0.4684165	10	0.4081999
Trichlorofluoromethane (Freon 1	0.4	0.891544	0.5	0.8909036	1	0.8927343	2	0.8409401	5	1.121134	10	0.922392
1,2,3-Trichloropropane	0.4	0.6428581	0.5	0.7129675	1	0.6283839	2	0.6348153	5	0.6911527	10	0.659314
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.4802841	0.5	0.4464619	1	0.5480201	2	0.4935515	5	0.6326596	10	0.5259573
1,2,4-Trimethylbenzene	0.4	2.811546	0.5	2.773161	1	2.952051	2	2.99114	5	2.820034	10	2.853383
1,3,5-Trimethylbenzene	0.4	2.687687	0.5	2.479983	1	2.71892	2	2.539054	5	3.095009	10	2.867044
Vinyl Acetate	4	0.8337057	5	0.8375339	10	0.9012993	20	0.8889303	50	1.084857	100	1.089256
Vinyl Chloride	0.4	0.7874528	0.5	0.7763038	1	0.8165449	2	0.7121237	5	0.941758	10	0.6613329
m+p Xylene	0.8	2.911139	1	2.860057	2	2.891267	4	2.837578	10	3.264075	20	3.275482
o-Xylene	0.4	2.916573	0.5	2.683688	1	3.090014	2	2.768142	5	3.100238	10	3.025641
1,2-Dichloroethane-d4	25	0.5848671	25	0.5736273	25	0.5535758	25	0.5732572	25	0.5637676	25	0.5530933
Toluene-d8	25	1.16541	25	1.183067	25	1.245431	25	1.135472	25	1.241726	25	1.148661
4-Bromofluorobenzene	25	0.8989422	25	0.8792618	25	0.9286837	25	0.8140522	25	0.9974691	25	0.9579516

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene												
Ethyl Methacrylate	20	0.4365997	50	0.5028054	100	0.5207257						
Acetone	200	0.1857258	500	0.1795072								
Acrolein	200	0.0505898	500	4.917894E-02	1000	5.503758E-02						
Acrylonitrile	20	0.3187789	50	0.2683178	100	0.2889643						
tert-Amyl Methyl Ether (TAME)	20	1.3252	50	1.344232	100	1.500752	200	1.167222				
Benzene	20	2.129681	50	2.211424	100	2.21074	200	1.788023				
Bromobenzene	20	1.095612	50	1.198263	100	1.723847						
Bromochloromethane	20	0.5030887	50	0.4830379	100	0.4721613	200	0.4352615				
Bromodichloromethane	20	0.605502	50	0.6751782	100	0.6487815	200	0.4868702				
Bromoform	20	0.4875301										
Bromomethane	20	0.5552633	50	0.6211301	100	0.6864128						
2-Butanone (MEK)	200	0.2104967	500	0.1973787	1000	0.2289904	2000	0.1944682				
tert-Butyl Alcohol (TBA)												
n-Butylbenzene	20	2.411004	50	2.416923	100	2.200866	200	1.867141				
sec-Butylbenzene	20	4.152309	50	3.259998	100	3.393057	200	2.493507				
tert-Butylbenzene	20	2.596993	50	2.397583	100	2.282169	200	1.830731				
tert-Butyl Ethyl Ether (TBEE)	20	1.799295	50	1.650319	100	1.755201	200	1.608954				
Carbon Disulfide	200	2.208304	500	2.044101								
Carbon Tetrachloride	20	0.7498092	50	0.7610584	100	0.8117846	200	0.6451614				
Chlorobenzene	20	2.147495	50	2.382677	100	2.420243	200	1.799061				
Chlorodibromomethane												
Chloroethane	20	0.4893615	50	0.5056893	100	0.5321492						
2-Chloroethyl Vinyl Ether	200	0.2355335	500	0.2526967	1000	0.2583613						
Chloroform	20	1.059309	50	1.029284	100	1.00425	200	0.8573507				
Chloromethane	20	0.7625478	50	0.7458241	100	0.9070562						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.20288	50	2.132334	100	2.907891	200	2.044111				
4-Chlorotoluene	20	2.375731	50	2.676036	100	3.466228	200	2.319853				
Cyclohexane	20	0.8902721	50	0.8583454	100	0.8774456	200	0.7943506				
1,2-Dibromo-3-chloropropane (D	20	0.1631985	50	0.1344723								
1,2-Dibromoethane (EDB)	20	0.378893	50	0.4134853	100	0.4269205	200	0.3039543				
Dibromomethane	20	0.2690068	50	0.2903415	100	0.286537	200	0.2168938				
1,2-Dichlorobenzene	20	1.853946	50	1.69704	100	1.606448	200	1.308157				
1,3-Dichlorobenzene	20	1.869582	50	1.720756	100	1.670529	200	1.344767				
1,4-Dichlorobenzene	20	1.807305	50	1.789286	100	1.78242	200	1.376928				
trans-1,4-Dichloro-2-butene	20	0.1721061										
Dichlorodifluoromethane (Freon	20	0.7768882	50	0.6869432	100	0.6755002						
1,1-Dichloroethane	20	1.48275	50	0.982545	100	1.026374						
1,2-Dichloroethane	20	0.6230718	50	0.6739395	100	0.6571987	200	0.4992612				
1,1-Dichloroethylene	20	1.334423	50	1.253588	100	1.374544						
cis-1,2-Dichloroethylene	20	0.9698448	50	0.8848888	100	0.9169575	200	0.8209079				
trans-1,2-Dichloroethylene	20	1.28639	50	1.079231	100	1.061325						
Dichlorofluoromethane (Freon 2	20	1.634012	50	1.62392	100	1.719325						
1,2-Dichloropropane	20	0.4069014	50	0.4439664	100	0.4294892	200	0.3521903				
1,3-Dichloropropane	20	0.6123387	50	0.637619	100	0.6479616	200	0.4969883				
2,2-Dichloropropane	20	0.6239932	50	0.6127571	100	0.6597573	200	0.5732735				
1,1-Dichloropropene	20	0.7920294	50	0.7592248	100	0.776682	200	0.6496683				
cis-1,3-Dichloropropene	20	0.5999248										
trans-1,3-Dichloropropene	20	0.4948547										
Diethyl Ether	20	0.6334658	50	0.5967256								
Difluorochloromethane (Freon 2	20	0.9982189	50	0.9408431	100	0.9593559						
Diisopropyl Ether (DIPE)	20	2.42175	50	1.760607	100	1.808605	200	1.594777				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.002456E-03	500	3.134451E-03	1000	3.440139E-03	2000	2.466246E-03				
Ethyl Acetate	20	0.4612126	50	0.3737248	100	0.4486124	200	0.3780754				
Ethylbenzene	20	3.179224	50	3.987535	100	4.375435	200	3.129197				
Hexachlorobutadiene	20	0.3998459	50	0.3793502	100	0.4279586						
2-Hexanone (MBK)	200	0.2303786										
Iodomethane	200	1.307929	500	1.303821								
Isopropylbenzene (Cumene)	20	2.454155	50	2.427366	100	3.327298	200	2.483363				
p-Isopropyltoluene (p-Cymene)	20	2.803705	50	2.750884	100	2.741213	200	2.101775				
Methyl Acetate	20	1.49848	50	1.428729								
Methyl tert-Butyl Ether (MTBE)	20	2.217819	50	1.949134	100	2.032323						
Methyl Cyclohexane	20	0.5302617	50	0.5838687	100	0.5745839	200	0.4732418				
Methylene Chloride	20	1.200798	50	1.080326	100	1.185522						
4-Methyl-2-pentanone (MIBK)	200	0.3363144	500	0.3714068	1000	0.3923807	2000	0.2790742				
Naphthalene	20	1.510054	50	1.830972	100	2.238494	200	1.660524				
n-Propylbenzene	20	3.145963	50	3.721013	100	4.62515	200	3.303387				
Styrene	20	2.044374	50	1.986642	100	2.765132	200	2.01988				
1,1,1,2-Tetrachloroethane	20	0.6603687	50	0.848588	100	0.9071217	200	0.6759214				
1,1,2,2-Tetrachloroethane	20	0.7368084	50	1.012062								
Tetrachloroethylene	20	0.4623519	50	0.4819185	100	0.4759365	200	0.3417671				
Tetrahydrofuran	20	0.1221871	50	0.1241049	100	0.1363181	200	0.1243058				
Toluene	20	1.77158	50	1.821754	100	1.817141	200	1.37208				
1,2,3-Trichlorobenzene	20	0.7005352	50	0.7635543	100	0.8882298						
1,2,4-Trichlorobenzene	20	0.8721403	50	0.9213869	100	0.9691781						
1,3,5-Trichlorobenzene	20	1.337953	50	1.120846	100	1.194302						
1,1,1-Trichloroethane	20	0.8926559	50	0.908418	100	0.9364687	200	0.7634756				
1,1,2-Trichloroethane	20	0.378304	50	0.3986245	100	0.4092153	200	0.3036339				

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.431906	50	0.4607443	100	0.4461909	200	0.3420923				
Trichlorofluoromethane (Freon 1												
1,2,3-Trichloropropane	20	0.5629586	50	0.7568638								
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.7261588	50	0.6917626	100	0.7725343						
1,2,4-Trimethylbenzene	20	3.046245	50	3.027988	100	2.932644	200	2.317608				
1,3,5-Trimethylbenzene	20	2.524404	50	2.557343	100	3.65494	200	2.338969				
Vinyl Acetate	200	1.309281										
Vinyl Chloride	20	0.8685301	50	0.9160032	100	1.052594						
m+p Xylene	40	2.36008	100	2.895467	200	3.157614	400	2.363743				
o-Xylene	20	2.502072	50	2.418859	100	3.380775	200	2.438732				
1,2-Dichloroethane-d4	25	0.5438173	25	0.5619795	25	0.5501465	25	0.5731934				
Toluene-d8	25	1.215295	25	1.286152	25	1.214235	25	1.21729				
4-Bromofluorobenzene	25	0.6827094	25	0.7843039	25	0.9829861	25	0.9228368				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.1929601	20.3	0.9915423		0.995	*
Ethyl Methacrylate	0.4118843	21.2	0.9985879		0.995	
Acetone	0.1614669	10.5			15	
Acrolein	3.677593E-02	34.4	0.9971956		0.995	
Acrylonitrile	0.2628468	12.4			15	
tert-Amyl Methyl Ether (TAME)	1.273677	8.3			15	
Benzene	2.134214	7.0			15	
Bromobenzene	1.37381	14.9			15	
Bromochloromethane	0.5012127	7.5			15	
Bromodichloromethane	0.5645274	17.0	0.976105		0.995	*
Bromoform	0.4866712	10.0			15	
Bromomethane	0.6502824	21.5	0.9963807		0.995	
2-Butanone (MEK)	0.2092159	6.4			15	
tert-Butyl Alcohol (TBA)	4.223223E-02	11.6			15	
n-Butylbenzene	2.024433	23.1	0.9907136		0.995	*
sec-Butylbenzene	3.255788	12.3			15	
tert-Butylbenzene	2.321322	8.7			15	
tert-Butyl Ethyl Ether (TBEE)	1.753296	4.9			15	
Carbon Disulfide	1.661109	21.0	0.9961002		0.995	
Carbon Tetrachloride	0.6953856	8.3			15	
Chlorobenzene	2.236097	8.4			15	
Chlorodibromomethane	0.372674	14.8			15	
Chloroethane	0.4455245	13.0			15	
2-Chloroethyl Vinyl Ether	0.219297	11.2			15	
Chloroform	1.024886	6.2			15	
Chloromethane	0.7216897	14.4			15	
2-Chlorotoluene	2.358593	15.0			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.778829	12.5			15	
Cyclohexane	0.8927652	7.5			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1229792	19.8	0.99008		0.995	*
1,2-Dibromoethane (EDB)	0.3621682	13.9			15	
Dibromomethane	0.2645882	9.9			15	
1,2-Dichlorobenzene	1.65366	11.7			15	
1,3-Dichlorobenzene	1.699502	8.5			15	
1,4-Dichlorobenzene	1.730563	8.6			15	
trans-1,4-Dichloro-2-butene	0.1768173	8.7			15	
Dichlorodifluoromethane (Freon 12)	0.6822418	10.7			15	
1,1-Dichloroethane	1.115459	14.2			15	
1,2-Dichloroethane	0.6364561	11.3			15	
1,1-Dichloroethylene	1.071353	19.9	0.9979253		0.995	
cis-1,2-Dichloroethylene	0.9550192	7.9			15	
trans-1,2-Dichloroethylene	1.005576	14.7			15	
Dichlorofluoromethane (Freon 21)	1.346688	19.4	0.998794		0.995	
1,2-Dichloropropane	0.4035074	7.1			15	
1,3-Dichloropropane	0.5752358	9.2			15	
2,2-Dichloropropane	0.5802999	8.9			15	
1,1-Dichloropropene	0.7645043	7.5			15	
cis-1,3-Dichloropropene	0.5083759	12.4			15	
trans-1,3-Dichloropropene	0.388793	14.3			15	
Diethyl Ether	0.5148191	15.0			15	
Difluorochloromethane (Freon 22)	0.8722013	13.0			15	
Diisopropyl Ether (DIPE)	1.968366	11.8			15	
1,4-Dioxane	3.036147E-03	10.0			15	
Ethyl Acetate	0.5149067	30.1	0.9929144		0.995	*

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.724122	10.0			15	
Hexachlorobutadiene	0.3565245	24.2	0.9970728		0.995	
2-Hexanone (MBK)	0.200032	13.5			15	
Iodomethane	0.7535974	54.6	0.9959532		0.995	
Isopropylbenzene (Cumene)	2.79466	10.7			15	
p-Isopropyltoluene (p-Cymene)	2.586133	9.0			15	
Methyl Acetate	1.251369	12.9			15	
Methyl tert-Butyl Ether (MTBE)	1.786272	14.7			15	
Methyl Cyclohexane	0.5291419	6.9			15	
Methylene Chloride	1.15993	11.3			15	
4-Methyl-2-pentanone (MIBK)	0.3269849	11.0			15	
Naphthalene	1.319631	53.3	0.9725041		0.995	*
n-Propylbenzene	3.72859	12.7			15	
Styrene	2.238429	12.0			15	
1,1,1,2-Tetrachloroethane	0.7555013	11.0			15	
1,1,2,2-Tetrachloroethane	0.8842666	12.5			15	
Tetrachloroethylene	0.4403607	10.7			15	
Tetrahydrofuran	0.1368709	11.2			15	
Toluene	1.715396	11.8			15	
1,2,3-Trichlorobenzene	0.5966709	43.6	0.9962805		0.995	
1,2,4-Trichlorobenzene	0.6405135	53.9	0.9995467		0.995	
1,3,5-Trichlorobenzene	0.8922156	44.7	0.9981785		0.995	
1,1,1-Trichloroethane	0.8309621	8.2			15	
1,1,2-Trichloroethane	0.3744895	12.0			15	
Trichloroethylene	0.4215348	11.4			15	
Trichlorofluoromethane (Freon 11)	0.926608	10.7			15	
1,2,3-Trichloropropane	0.6611642	8.9			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5908211	20.0	0.9973037		0.995	
1,2,4-Trimethylbenzene	2.85258	7.4			15	
1,3,5-Trimethylbenzene	2.746335	14.0			15	
Vinyl Acetate	0.9921233	17.8	0.9935081		0.995	*
Vinyl Chloride	0.8369604	14.5			15	
m+p Xylene	2.88165	11.1			15	
o-Xylene	2.832473	11.4			15	
1,2-Dichloroethane-d4	0.5631325	2.3			15	
Toluene-d8	1.205274	3.9			15	
4-Bromofluorobenzene	0.8849197	11.1			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001555	Instrument:	GCMSVOA3
Calibration:	1100098		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1110119	0.4ppb 8260 Calibration Standard	S001555-CAL1	VC341005.D	12/07/11 13:12
1110120	0.5ppb 8260 Calibration Standard	S001555-CAL2	VC341006.D	12/07/11 13:42
1110121	1ppb 8260 Calibration Standard	S001555-CAL3	VC341007.D	12/07/11 14:12
1110122	2ppb 8260 Calibration Standard	S001555-CAL4	VC341008.D	12/07/11 14:43
1110123	5ppb 8260 Calibration Standard	S001555-CAL5	VC341009.D	12/07/11 15:13
1110125	10ppb 8260 Calibration Standard	S001555-CAL6	VC341010.D	12/07/11 15:43
1110126	20ppb 8260 Calibration Standard	S001555-CAL7	VC341011.D	12/07/11 16:13
1110127	50ppb 8260 Calibration Standard	S001555-CAL8	VC341012.D	12/07/11 16:44
1110128	100ppb 8260 Calibration Standard	S001555-CAL9	VC341013.D	12/07/11 17:14
1110129	200ppb 8260 Calibration Standard	S001555-CALA	VC341014.D	12/07/11 17:44

Y:\1\DATA\120711\

Date	Filename	Lab ID	Sample Info
7 Dec 2011 11:10 am	VC341001.D	CLEAN UP	
7 Dec 2011 11:41 am	VC341002.D	CLEAN UP	
7 Dec 2011 12:11 pm	VC341003.D	CLEAN UP	
7 Dec 2011 12:41 pm	VC341004.D	BFB	
7 Dec 2011 1:12 pm	VC341005.D	8260 STD 0.4 PPB	
7 Dec 2011 1:42 pm	VC341006.D	8260 STD 0.5 PPB	
7 Dec 2011 2:12 pm	VC341007.D	8260 STD 1.0 PPB	
7 Dec 2011 2:43 pm	VC341008.D	8260 STD 2.0 PPB	
7 Dec 2011 3:13 pm	VC341009.D	8260 STD 5.0 PPB	
7 Dec 2011 3:43 pm	VC341010.D	8260 STD 10 PPB	
7 Dec 2011 4:13 pm	VC341011.D	8260 STD 20 PPB	
7 Dec 2011 4:44 pm	VC341012.D	8260 STD 50 PPB	
7 Dec 2011 5:14 pm	VC341013.D	8260 STD 100 PPB	
7 Dec 2011 5:44 pm	VC341014.D	8260 STD 200 PPB	
7 Dec 2011 6:15 pm	VC341015.D	CLEAN UP	
7 Dec 2011 6:45 pm	VC341016.D	CLEAN UP	
7 Dec 2011 7:15 pm	VC341017.D	B042284-BS1	
7 Dec 2011 7:45 pm	VC341018.D	B042284-BSD1	
7 Dec 2011 8:16 pm	VC341019.D	CLEAN UP	
7 Dec 2011 8:46 pm	VC341020.D	B042284-BLK1	
7 Dec 2011 9:16 pm	VC341021.D	11L0095-01 @ TB	
7 Dec 2011 9:47 pm	VC341022.D	11L0095-02	
7 Dec 2011 10:17 pm	VC341023.D	11L0095-03	
7 Dec 2011 10:47 pm	VC341024.D	11L0095-04	
7 Dec 2011 11:18 pm	VC341025.D	11L0095-05	
7 Dec 2011 11:48 pm	VC341026.D	11L0095-06	
8 Dec 2011 12:18 am	VC341027.D	CLEAN UP	
8 Dec 2011 12:49 am	VC341028.D	CLEAN UP	
8 Dec 2011 1:19 am	VC341029.D	11L0150-01 TB LOT CHECK	
8 Dec 2011 1:50 am	VC341030.D	BFB	
8 Dec 2011 2:20 am	VC341031.D	8260STD 10PPB	
8 Dec 2011 2:51 am	VC341032.D	B0-BS1 RCP	
8 Dec 2011 3:21 am	VC341033.D	B0-BS1	
8 Dec 2011 3:52 am	VC341034.D	B0-BSD1	

Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC341005.D 0.5 =VC341006.D 1.0 =VC341007.D 2.0 =VC341008.D 5.0 =VC341009.D 10 =VC341014.D 20 =VC341011.D
50 =VC341012.D 100 =VC341013.D 200 =VC341014.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.585	0.574	0.554	0.573	0.564	0.553	0.544	0.562	0.550	0.573	0.563	2.31
3)		DICHLORODIFLUO...	0.739	0.659	0.681	0.561	0.767	0.595	0.777	0.687	0.676		0.682	10.66
4)		DIFLUOROCHLORO...	0.782	0.894	0.813	0.722	1.012	0.728	0.998	0.941	0.959		0.872	13.00
5)	P	CHLOROMETHANE	0.680	0.703	0.754	0.609	0.786	0.548	0.763	0.746	0.907		0.722	14.44
6)	C	VINYL CHLORIDE	0.787	0.776	0.817	0.712	0.942	0.661	0.869	0.916	1.053		0.837	14.49#
7)		BROMOMETHANE	0.655	0.949	0.724	0.605	0.623	0.433	0.555	0.621	0.686		0.650	21.49
8)		CHLOROETHANE	0.435	0.410	0.448	0.378	0.455	0.357	0.489	0.506	0.532		0.446	13.03
9)		FLUORODICHLORO...	1.107	1.110	1.208	1.078	1.468	1.173	1.634	1.624	1.719		1.347	19.44
10)		TRICHLOROFLUOR...	0.892	0.891	0.893	0.841	1.121	0.922					0.927	10.67
11)		ETHANOL					0.007	0.004	0.006				0.006	22.92
12)		DI ETHYL ETHER	0.496	0.404	0.511	0.448	0.559	0.470	0.633	0.597			0.515	15.01
13)		ACROLEIN	0.022	0.025	0.024	0.029	0.041	0.035	0.051	0.049	0.055		0.037	34.39
14)		ACETONE	0.155	0.168	0.160	0.141	0.166	0.138	0.186	0.180			0.161	10.46
15)	C	1,1-DICHLOROET...	0.846	0.836	0.987	0.890	1.170	0.951	1.334	1.254	1.375		1.071	19.94#
16)		1,1,2-TRICL-1,...	0.480	0.446	0.548	0.494	0.633	0.526	0.726	0.692	0.773		0.591	20.01
17)		IODOMETHANE	0.255	0.362	0.464	0.544	0.939	0.853	1.308	1.304			0.754	54.57
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	1.137	1.224	1.129	1.071	1.378	1.145	1.498	1.429			1.251	12.86
21)		T-BUTYL ALCOHOL	0.044	0.044	0.034	0.042	0.049	0.040					0.042	11.64
22)		ACRYLONITRILE	0.232	0.259	0.244	0.229	0.295	0.229	0.319	0.268	0.289		0.263	12.38
23)		METHYLENE CHLO...			1.223	1.324	0.946	1.201	1.080	1.186			1.160	11.27
24)		CARBON DISULFIDE	1.344	1.334	1.501	1.377	1.944	1.535	2.208	2.044			1.661	21.04
25)		METHYL TERT-BU...	1.490	1.587	1.650	1.502	1.979	1.669	2.218	1.949	2.032		1.786	14.69
26)		TRANS 1,2-DICH...	0.846	0.830	0.963	0.909	1.131	0.944	1.286	1.079	1.061		1.006	14.67
27)	P	1,1-DICHLOROET...	1.114	1.003	1.103	0.994	1.230	1.102	1.483	0.983	1.026		1.115	14.22
28)		VINYL ACETATE	0.834	0.838	0.901	0.889	1.085	1.089	1.309				0.992	17.77
29)		DI ISOPROYL ETHER	1.968	1.896	2.056	1.913	2.144	2.120	2.422	1.761	1.809	1.595	1.968	11.78
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.205	0.208	0.216	0.206	0.194	0.232	0.210	0.197	0.229	0.194	0.209	6.37
32)		T-BUTYL ETHYL ...	1.841	1.782	1.772	1.688	1.747	1.890	1.799	1.650	1.755	1.609	1.753	4.86
33)		CIS-1,2-DICHLO...	1.005	0.969	1.099	0.925	0.955	1.006	0.970	0.885	0.917	0.821	0.955	7.90
34)		2,2-DICHLOROPR...	0.540	0.630	0.521	0.502	0.550	0.590	0.624	0.613	0.660	0.573	0.580	8.91
35)		ETHYL ACETATE	0.807	0.782	0.444	0.491	0.431	0.531	0.461	0.374	0.449	0.378	0.515	30.06
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.499	0.514	0.577	0.500	0.492	0.536	0.503	0.483	0.472	0.435	0.501	7.51
39)		TETRAHYDROFURAN			0.138	0.168	0.134	0.148	0.122	0.124	0.136	0.124	0.137	11.16
40)	C	CHLOROFORM	1.052	1.084	1.048	1.010	1.042	1.063	1.059	1.029	1.004	0.857	1.025	6.20#
41)		1,1,1-TRICHLOR...	0.762	0.767	0.799	0.767	0.875	0.838	0.893	0.908	0.936	0.763	0.831	8.17
42)		CYCLOHEXANE					0.970	0.966	0.890	0.858	0.877	0.794	0.893	7.51
43)		CARBON TETRACH...	0.659	0.668	0.678	0.643	0.655	0.683	0.750	0.761	0.812	0.645	0.695	8.33

Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3

44)		1,1-DICHLOROPR...	0.863	0.793	0.748	0.716	0.805	0.743	0.792	0.759	0.777	0.650	0.765	7.47
45)		BENZENE	2.299	2.284	2.138	2.042	2.188	2.050	2.130	2.211	2.211	1.788	2.134	6.98
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.296	1.316	1.237	1.165	1.221	1.164	1.325	1.344	1.501	1.167	1.274	8.31
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.165	1.183	1.245	1.135	1.242	1.149	1.215	1.286	1.214	1.217	1.205	3.91
50)		1,2-DICHLOROET...	0.566	0.628	0.684	0.641	0.622	0.771	0.623	0.674	0.657	0.499	0.636	11.28
51)		TRICHLOROETHENE	0.483	0.355	0.435	0.385	0.468	0.408	0.432	0.461	0.446	0.342	0.422	11.36
52)		METHYLCYCLOHEXANE	0.542	0.545	0.518	0.488	0.545	0.491	0.530	0.584	0.575	0.473	0.529	6.92
53)	C	1,2-DICHLOROPR...	0.392	0.418	0.422	0.385	0.418	0.367	0.407	0.444	0.429	0.352	0.404	7.14#
54)		DIBROMOMETHANE	0.283	0.291	0.269	0.225	0.265	0.250	0.269	0.290	0.287	0.217	0.265	9.93
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE				0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	10.03
57)		BROMODICHLOROM...	0.466	0.461	0.550	0.500	0.735	0.517	0.606	0.675	0.649		0.573	17.04
58)		2-CHLOROETHYLV...	0.199	0.187	0.208	0.203	0.220	0.211	0.236	0.253	0.258	0.196	0.217	11.23
59)		MIBK	0.296	0.305	0.316	0.306	0.356	0.311	0.336	0.371	0.392	0.279	0.327	11.03
60)		CIS-1,3-DICHLO...	0.499	0.430	0.488	0.455	0.585	0.502	0.600				0.508	12.39
61)	C	TOLUENE	1.652	1.596	1.879	1.557	2.092	1.596	1.772	1.822	1.817	1.372	1.715	11.81#
62)		TRANS-1,3,-DIC...	0.385	0.358	0.340	0.333	0.416	0.395	0.495				0.389	14.28
63)		ETHYL METHACRY...	0.312	0.318	0.382	0.333	0.526	0.374	0.437	0.503	0.521		0.412	21.20
64)		1,1,2-TRICHLOR...	0.358	0.402	0.371	0.328	0.457	0.339	0.378	0.399	0.409	0.304	0.374	11.97
65)		2-HEXANONE		0.165	0.203	0.171	0.226	0.205	0.230				0.200	13.49
66)		TETRACHLOROETHENE	0.440	0.476	0.478	0.387	0.455	0.405	0.462	0.482	0.476	0.342	0.440	10.73
67)		1,3-DICHLOROPR...	0.520	0.542	0.595	0.533	0.616	0.552	0.612	0.638	0.648	0.497	0.575	9.19
68)		DIBROMOCHLOROM...	0.303	0.317	0.420	0.361	0.438	0.398					0.373	14.80
69)		1,2-DIBROMOETHANE	0.342	0.310	0.389	0.291	0.418	0.349	0.379	0.413	0.427	0.304	0.362	13.87
70)		CHLOROBENZENE-D5 ...	----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.899	0.879	0.929	0.814	0.997	0.958	0.683	0.784	0.983	0.923	0.885	11.13
72)	T	CHLOROBENZENE	2.405	2.322	2.321	2.113	2.272	2.178	2.147	2.383	2.420	1.799	2.236	8.40
73)		1,1,1,2-TETRAC...	0.776	0.680	0.730	0.703	0.831	0.742	0.660	0.849	0.907	0.676	0.756	11.02
74)	C	ETHYLBENZENE	3.725	3.643	3.853	3.628	3.980	3.741	3.179	3.988	4.375	3.129	3.724	9.98#
75)		M/P-XYLENES	2.911	2.860	2.891	2.838	3.264	3.275	2.360	2.895	3.158	2.364	2.882	11.10
76)		0-XYLENE	2.917	2.684	3.090	2.768	3.100	3.026	2.502	2.419	3.381	2.439	2.832	11.44
77)		STYRENE	2.193	1.926	2.330	2.180	2.496	2.442	2.044	1.987	2.765	2.020	2.238	11.96
78)	P	BROMOFORM	0.453	0.426	0.463	0.473	0.552	0.553	0.488				0.487	10.01
79)		ISOPROPYLBENZENE	2.805	2.811	2.876	2.651	3.136	2.976	2.454	2.427	3.327	2.483	2.795	10.72
80)		CIS-1,4-DICHLO...	0.174	0.162	0.184	0.158	0.254	0.227					0.193	20.26
81)	P	1,1,2,2-TETRAC...	0.949	0.974	0.849	0.710	0.947	0.896	0.737	1.012			0.884	12.52
82)		1,4-DICHLORO-2...	0.178	0.169	0.163	0.162	0.187	0.206	0.172				0.177	8.74
83)		BROMOBENZENE		1.373	1.383	1.257	1.597	1.362	1.096	1.198	1.724		1.374	14.93
84)		1,2,3-TRICHLOR...	0.643	0.713	0.628	0.635	0.691	0.659	0.563	0.757			0.661	8.95
85)		N-PROPYLBENZENE	3.515	3.515	3.719	3.383	4.378	3.981	3.146	3.721	4.625	3.303	3.729	12.71
86)		2-CHLOROT0LUENE						2.506	2.203	2.132	2.908	2.044	2.359	14.96
87)		1,3,5-TRIMETHY...	2.688	2.480	2.719	2.539	3.095	2.867	2.524	2.557	3.655	2.339	2.746	14.00
88)		4-CHLOROTOLUENE	2.907	2.813	2.772	2.479	3.123	2.857	2.376	2.676	3.466	2.320	2.779	12.51
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.341	2.425	2.318	2.291	2.478	2.253	2.597	2.398	2.282	1.831	2.321	8.68
91)		1,2,4-TRIMETHY...	2.812	2.773	2.952	2.991	2.820	2.853	3.046	3.028	2.933	2.318	2.853	7.38
92)		SEC-BUTYLBENZENE	3.251	3.153	3.204	3.140	3.312	3.199	4.152	3.260	3.393	2.494	3.256	12.27
93)		1,3-DICHLOROBE...	1.796	1.775	1.748	1.592	1.737	1.742	1.870	1.721	1.671	1.345	1.700	8.51

Method Path : Y:\1\METHODS\
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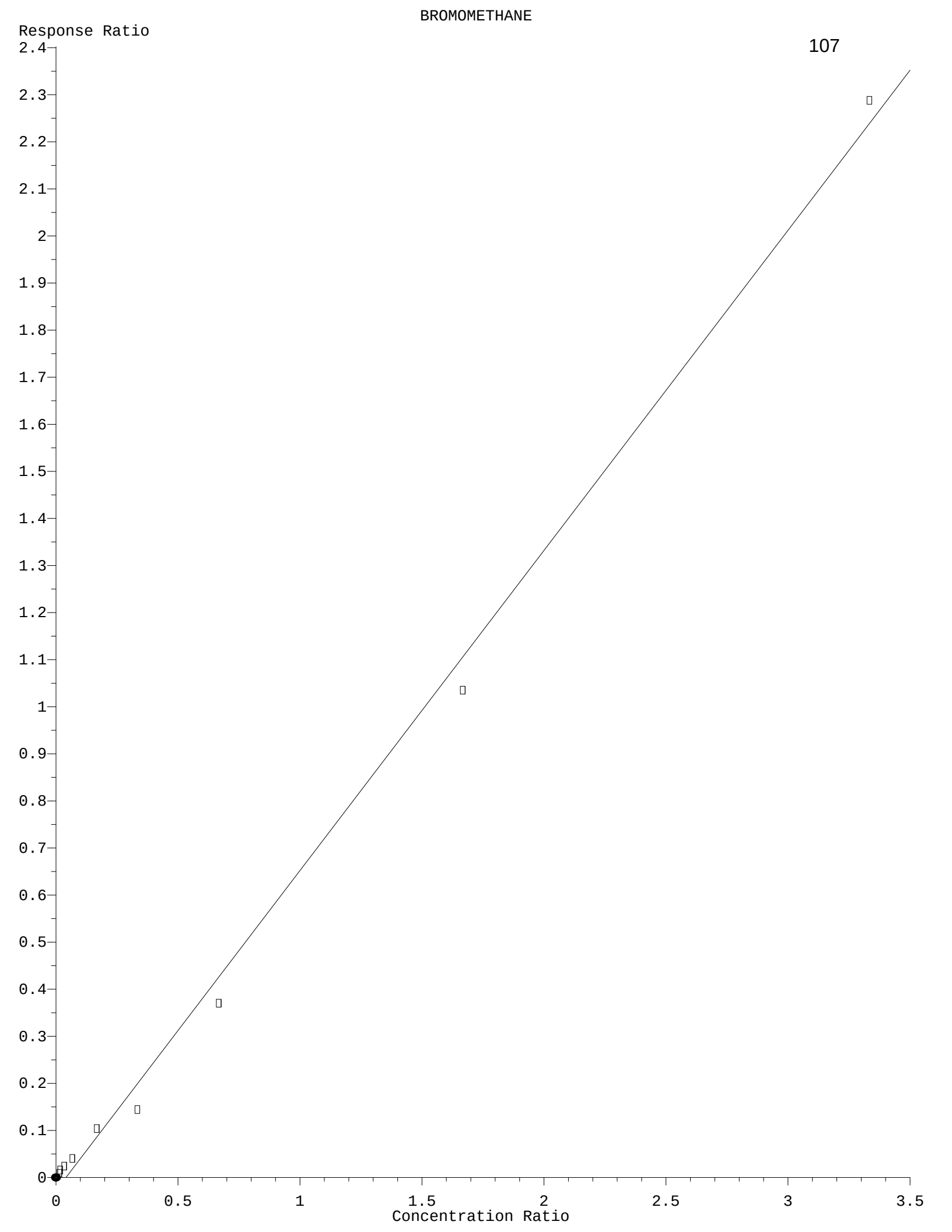
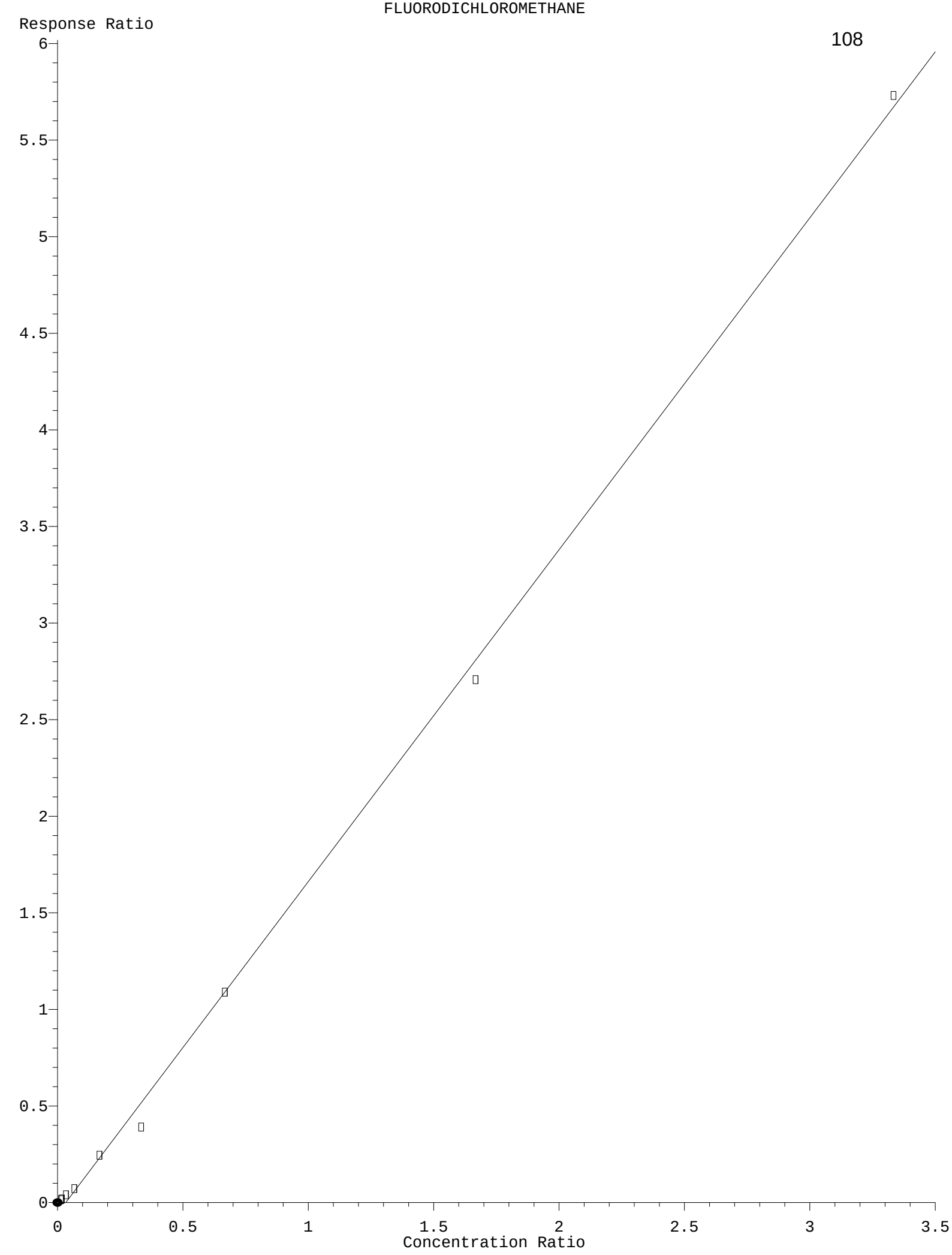
Title : 8260 WATER 5MLS VOAMS 5973 #3

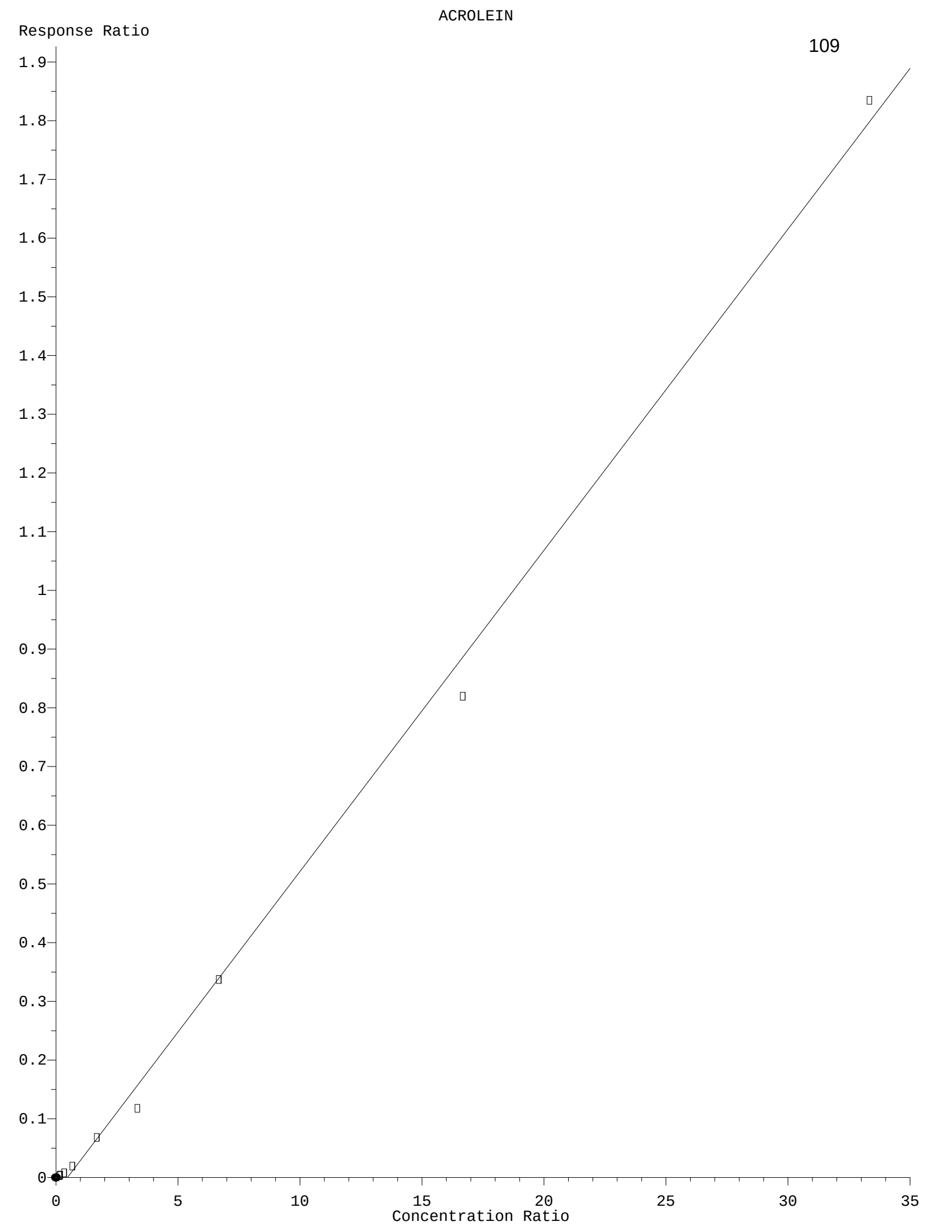
94)	P-ISOPROPYLTOL...	2.270	2.552	2.596	2.573	2.784	2.689	2.804	2.751	2.741	2.102	2.586	8.97
95)	1,4-DICHLOROBE...	1.912	1.641	1.847	1.657	1.771	1.721	1.807	1.789	1.782	1.377	1.731	8.59
96)	N-BUTYLBENZENE	1.291	1.431	1.734	1.813	2.371	2.709	2.411	2.417	2.201	1.867	2.024	23.09
97)	1,2-DICHLOROBE...	1.583	1.468	1.714	1.640	1.651	2.014	1.854	1.697	1.606	1.308	1.654	11.70
98)	1,2-DIBROMO-3-...			0.113	0.091	0.114	0.123	0.163	0.134			0.123	19.85
99)	1,3,5-TRICHLOR...	0.307	0.324	0.612	0.817	1.025	1.292	1.338	1.121	1.194		0.892	44.65
100)	1,2,4-TRICHLOR...			0.078	0.254	0.665	0.724	0.872	0.921	0.969		0.641	53.86
101)	HEXACHLOROBUTA...		0.210	0.273	0.299	0.458	0.405	0.400	0.379	0.428		0.357	24.18
102)	NAPHTHALENE				0.170	0.747	1.081	1.510	1.831	2.238		1.263	59.58
103)	1,2,3-TRICHLOR...				0.160	0.444	0.624	0.701	0.764	0.888		0.597	43.60

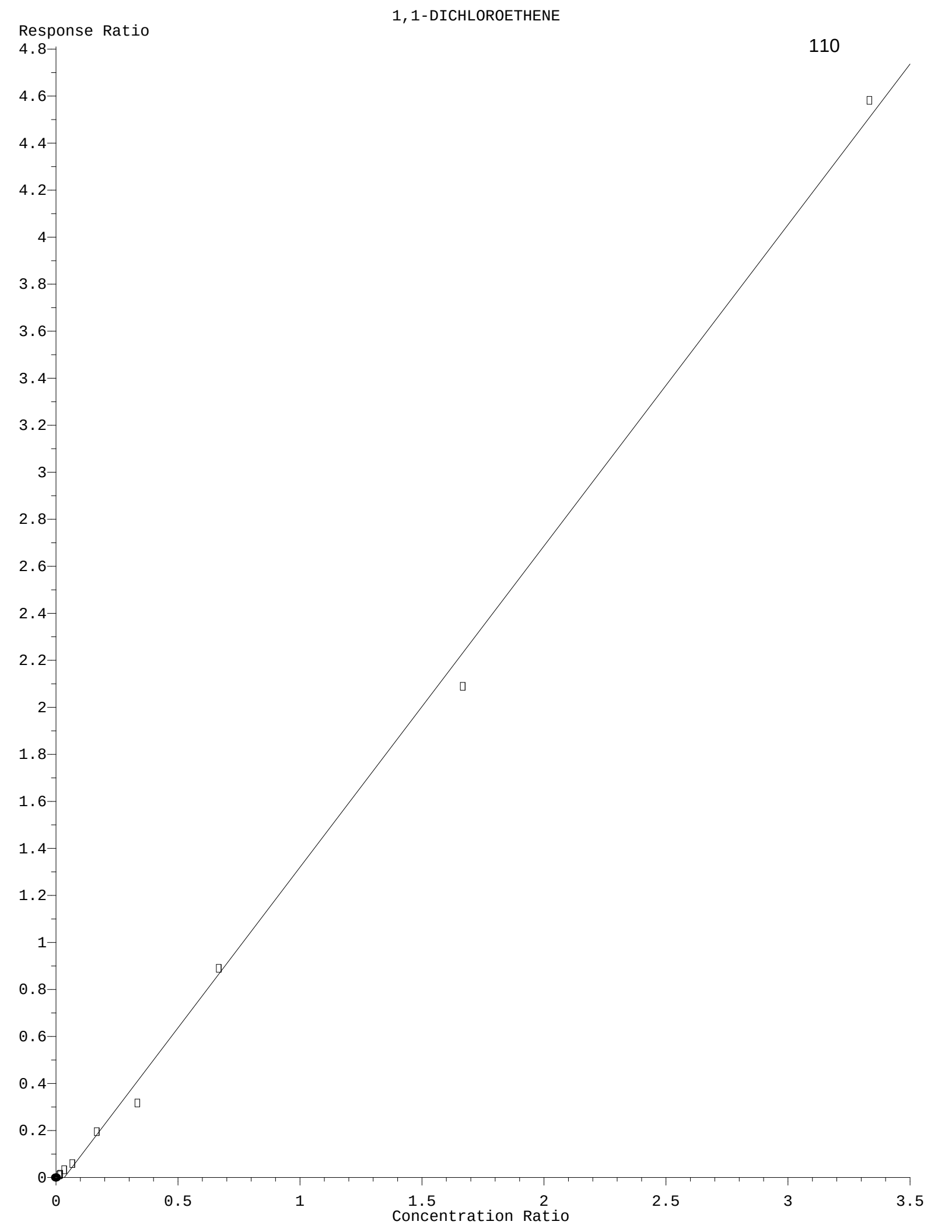
(#) = Out of Range

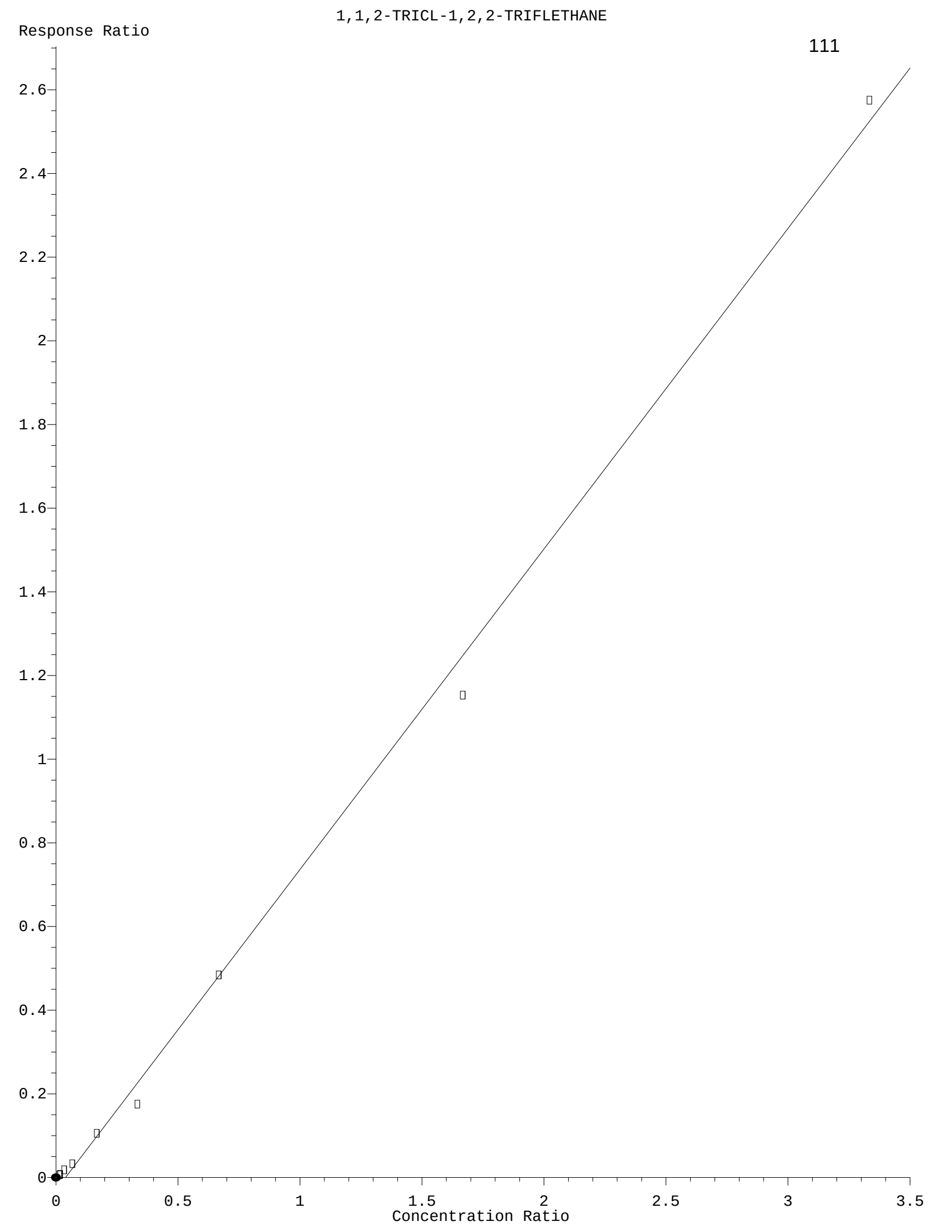

BROMOMETHANE
Response Ratio
107
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

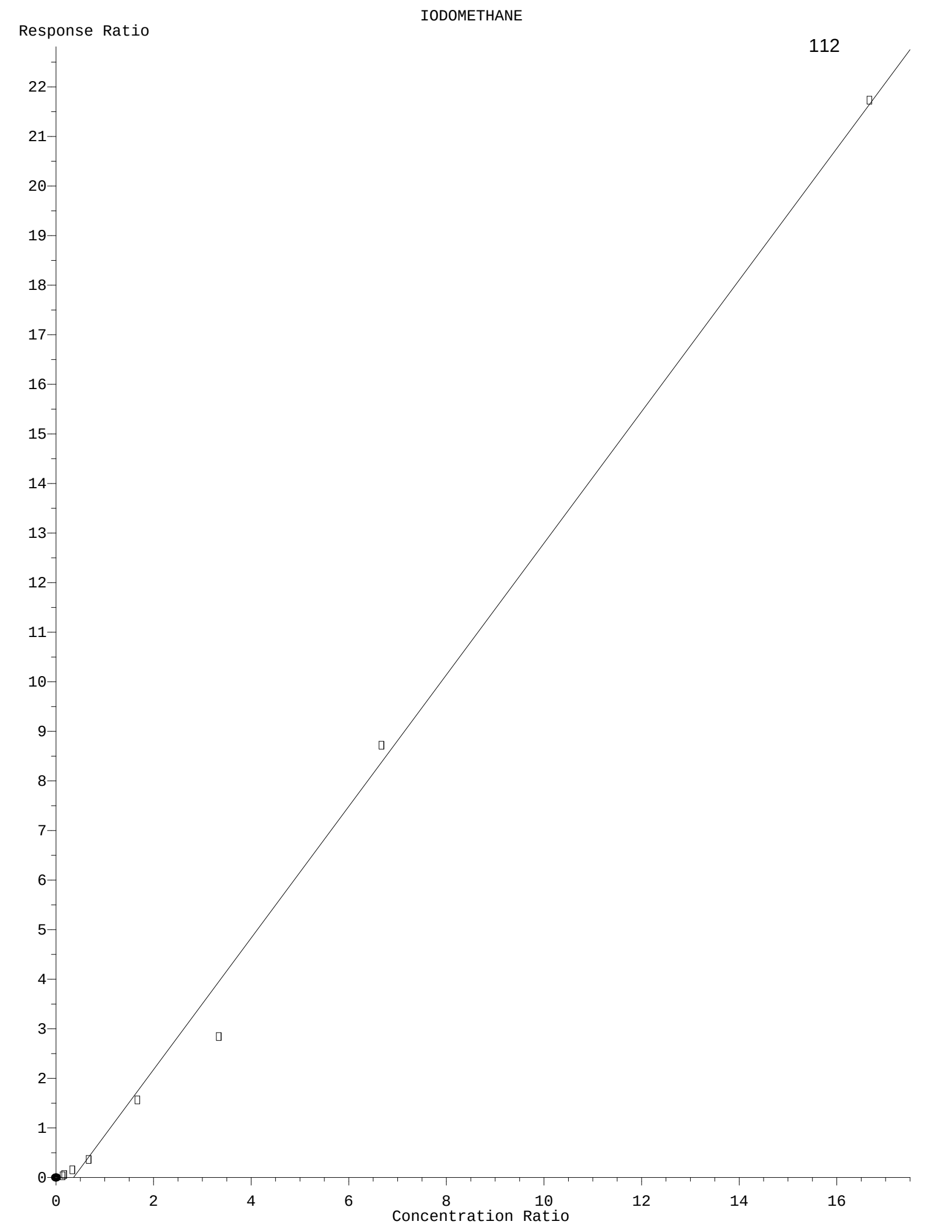
FLUORODICHLOROMETHANE

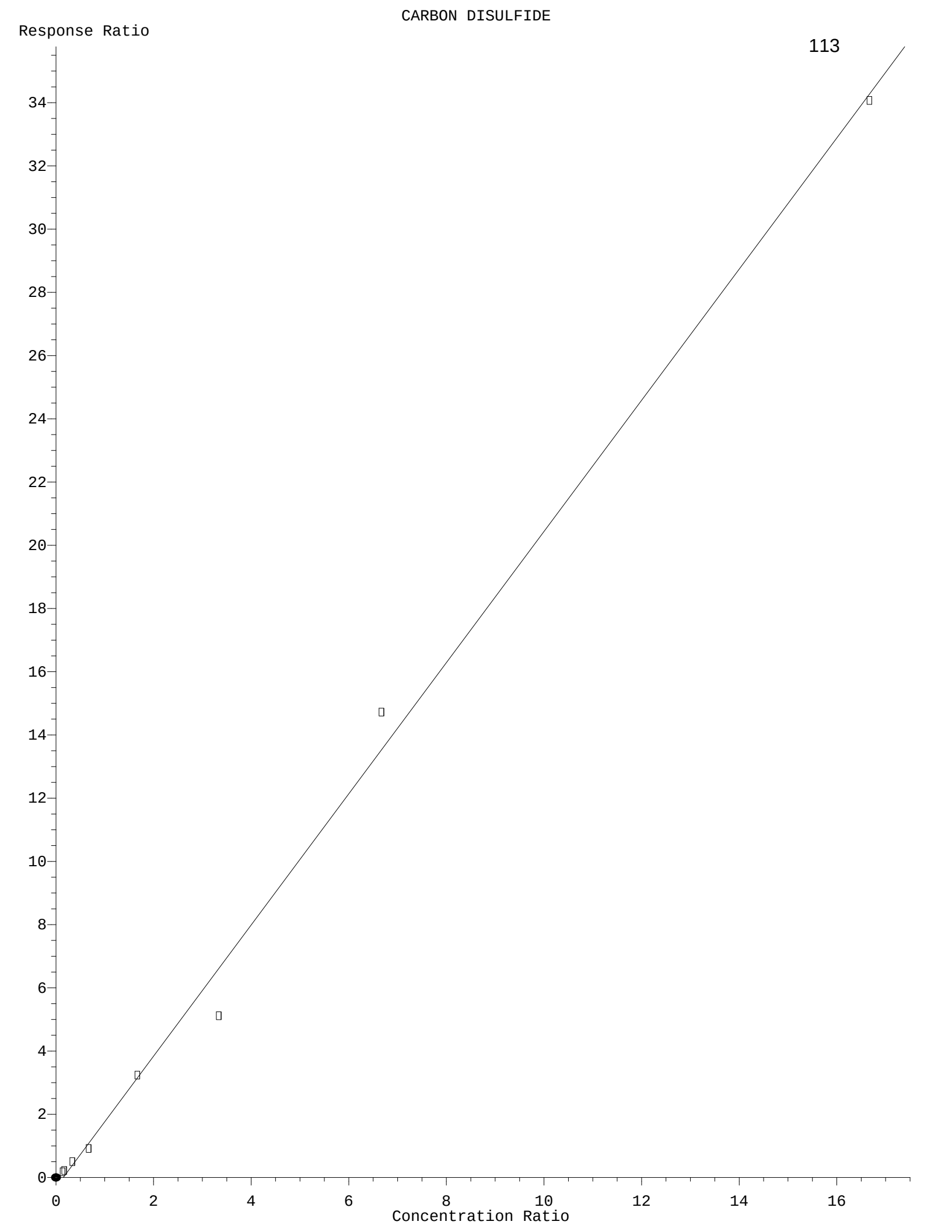



ACROLEIN
Response Ratio
109
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
20
25
30
35
Concentration Ratio

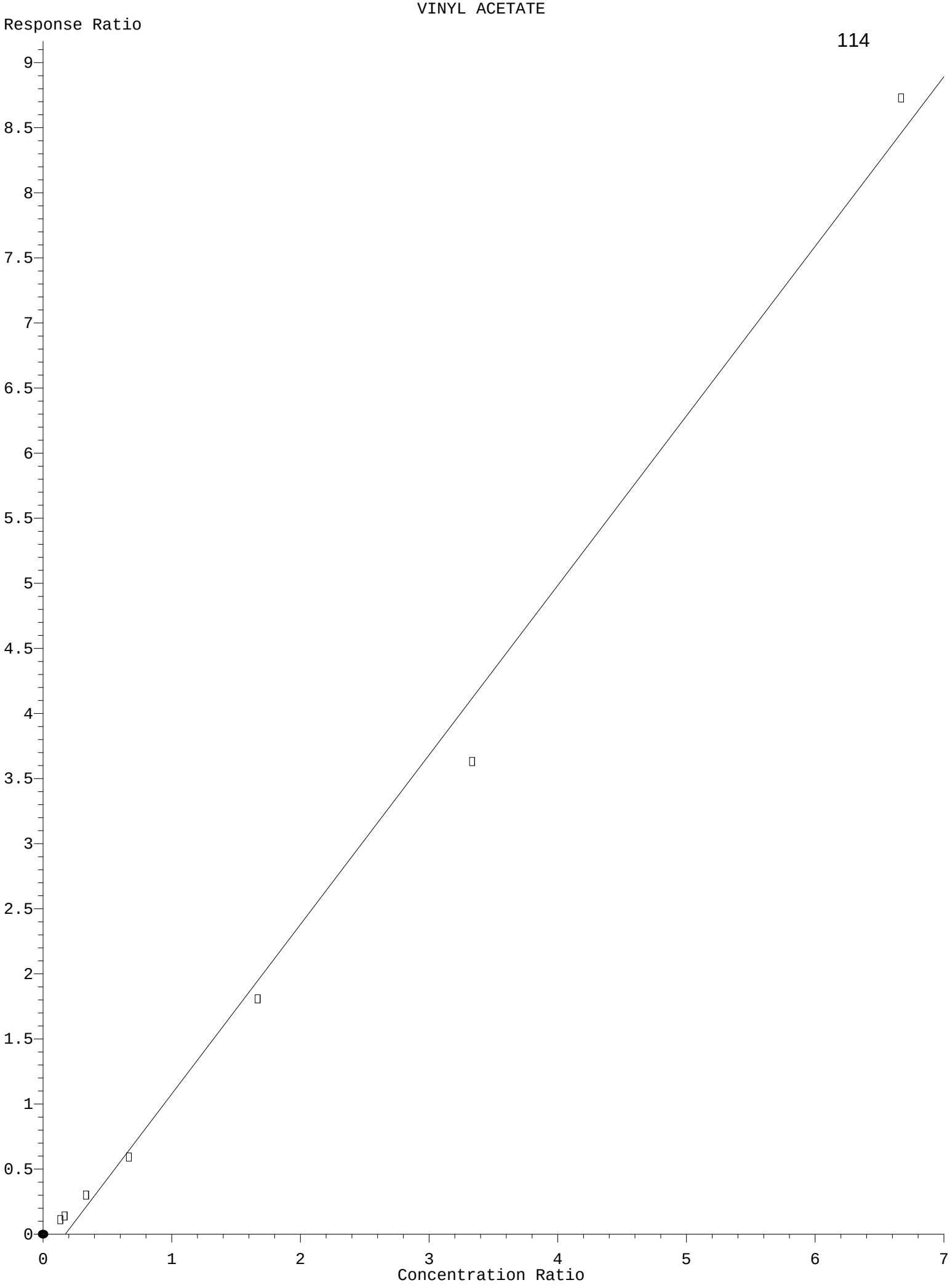

1,1-DICHLOROETHENE
Response Ratio
110
4.8
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

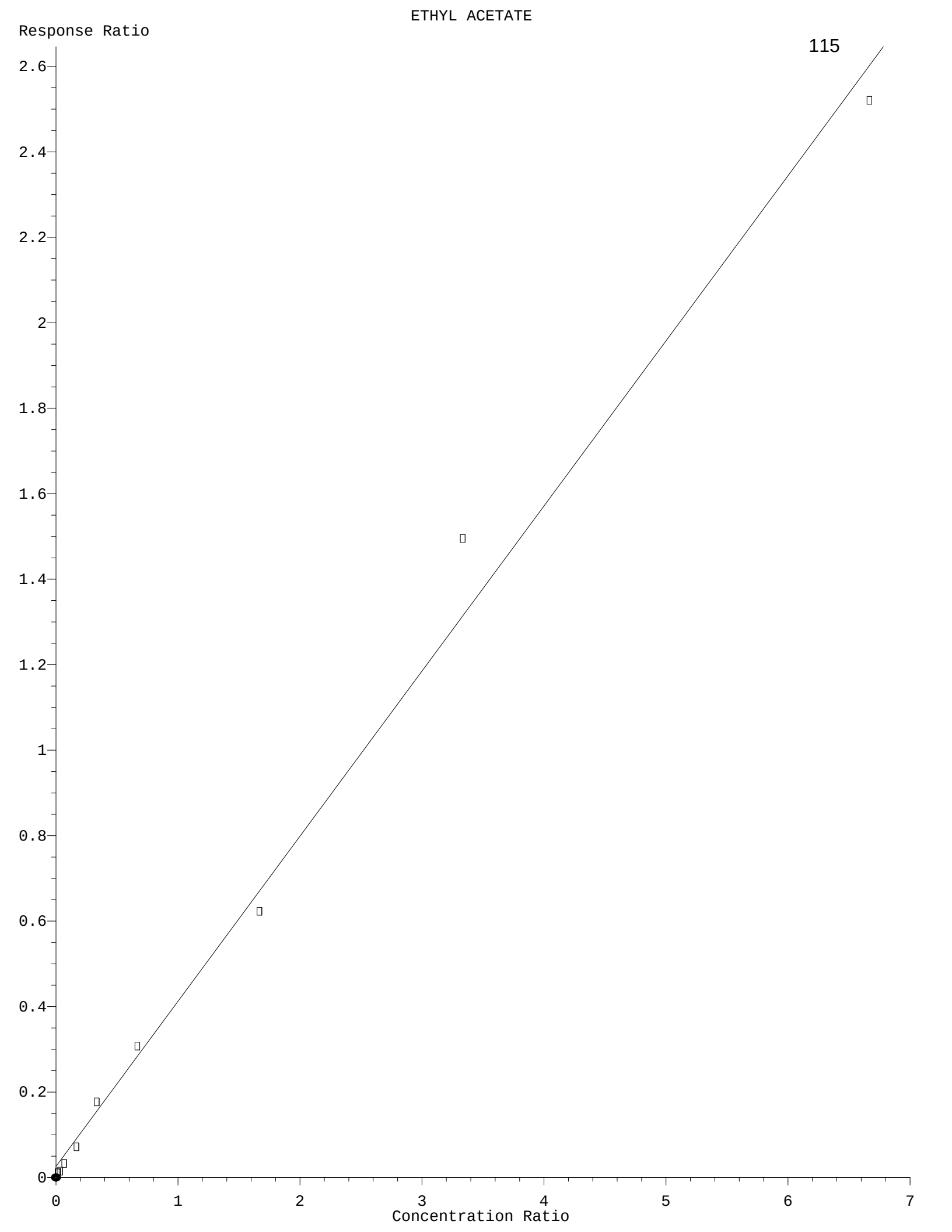

1,1,2-TRICL-1,2,2-TRIFLETHANE
Response Ratio
111
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

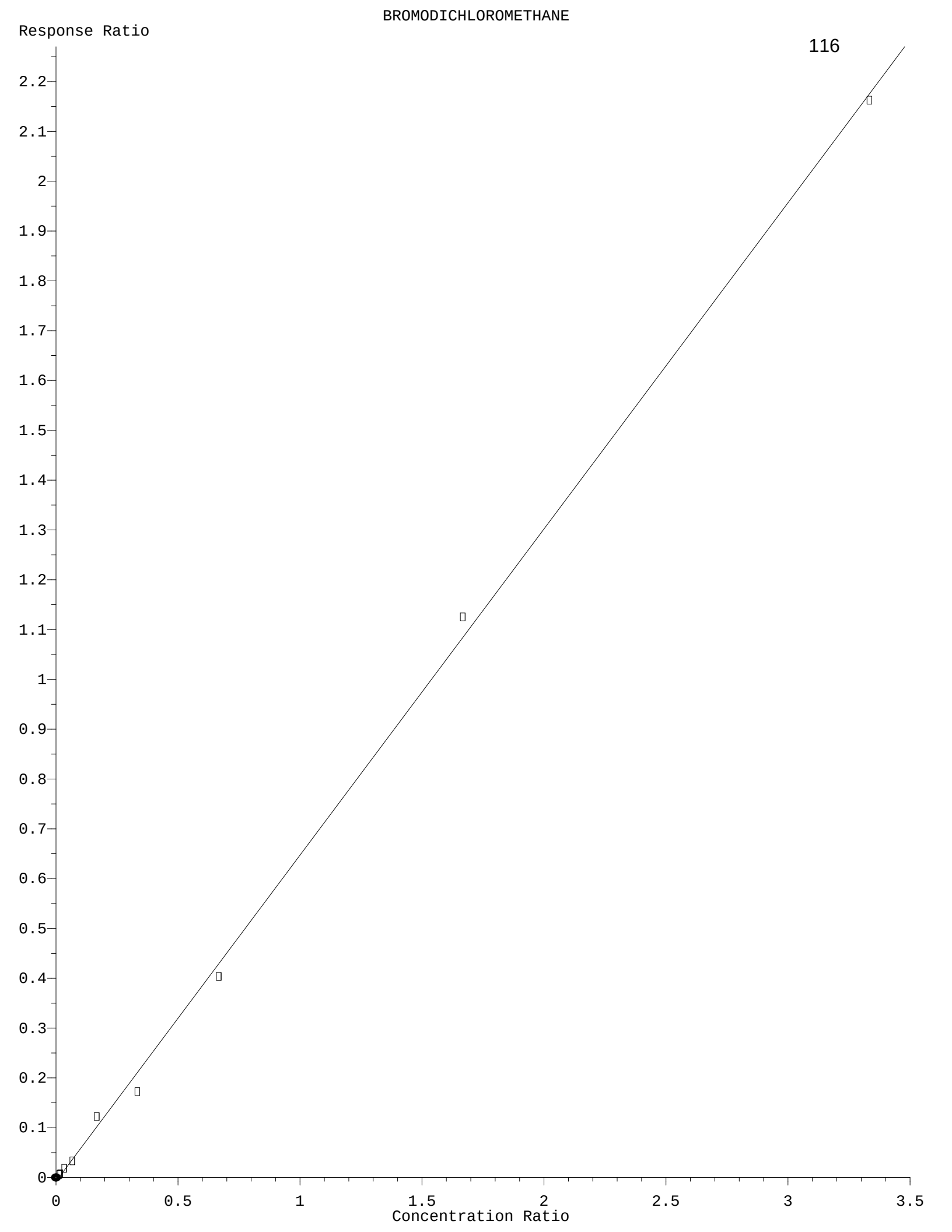

IODOMETHANE
Response Ratio
112
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

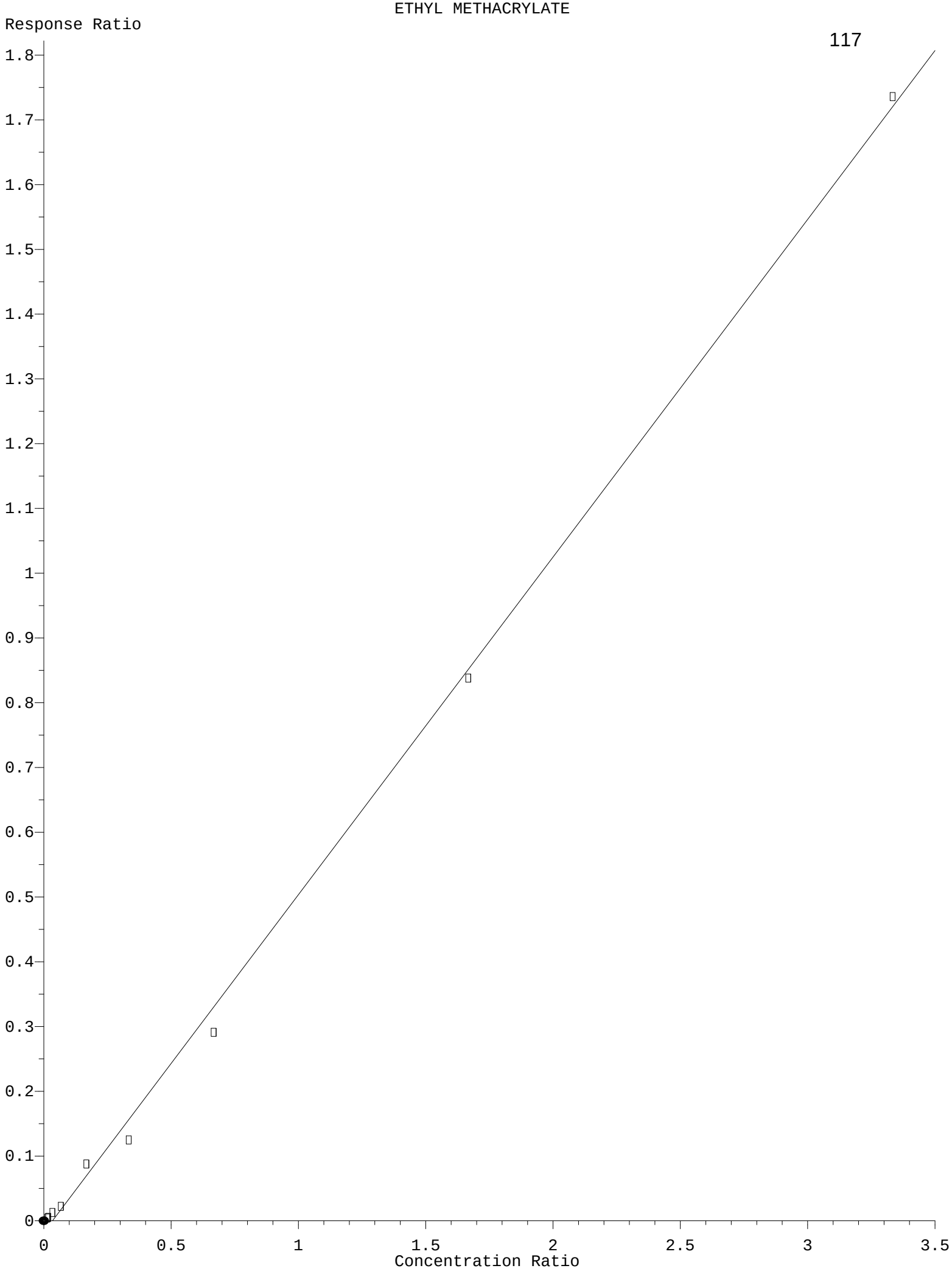

CARBON DISULFIDE
Response Ratio
113
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

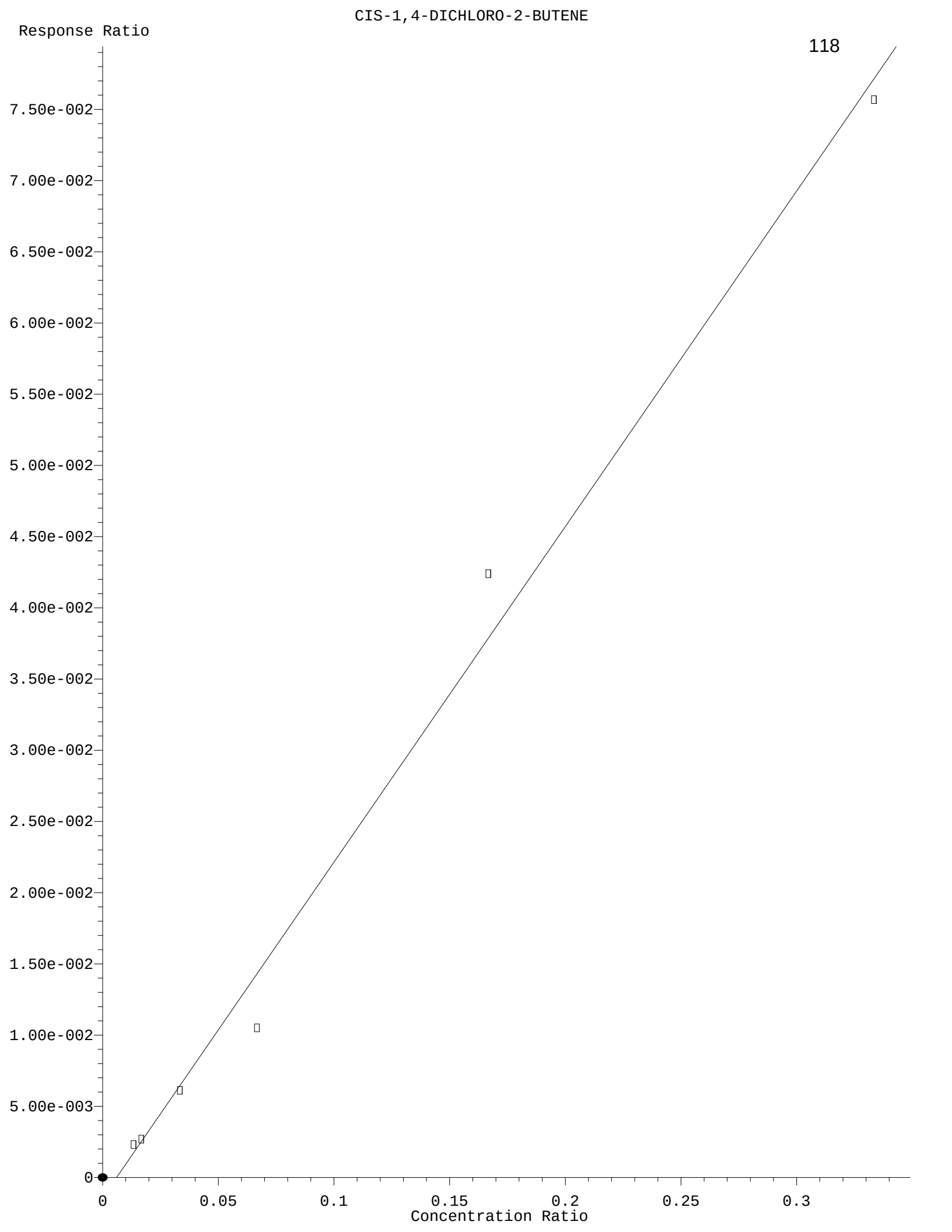
VINYL ACETATE

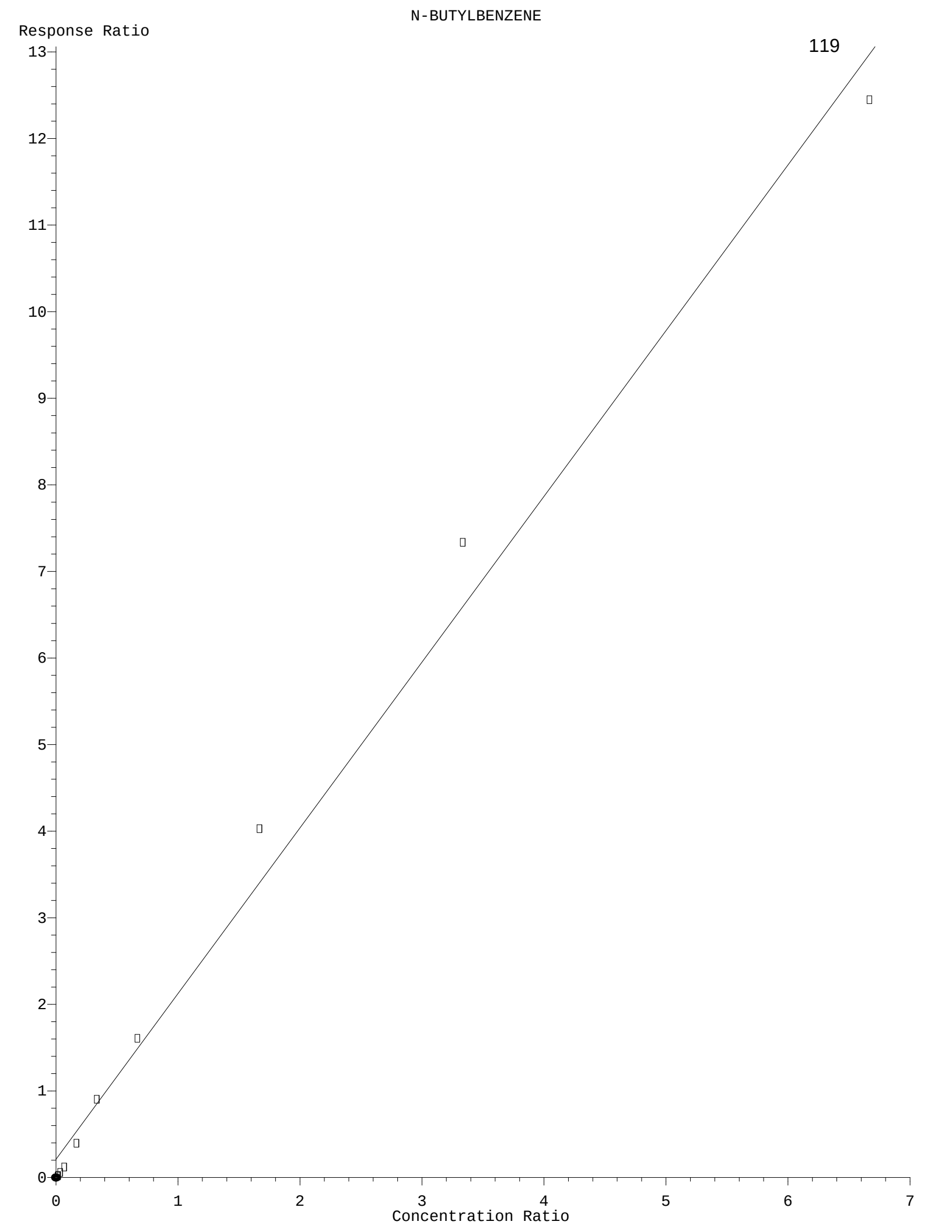


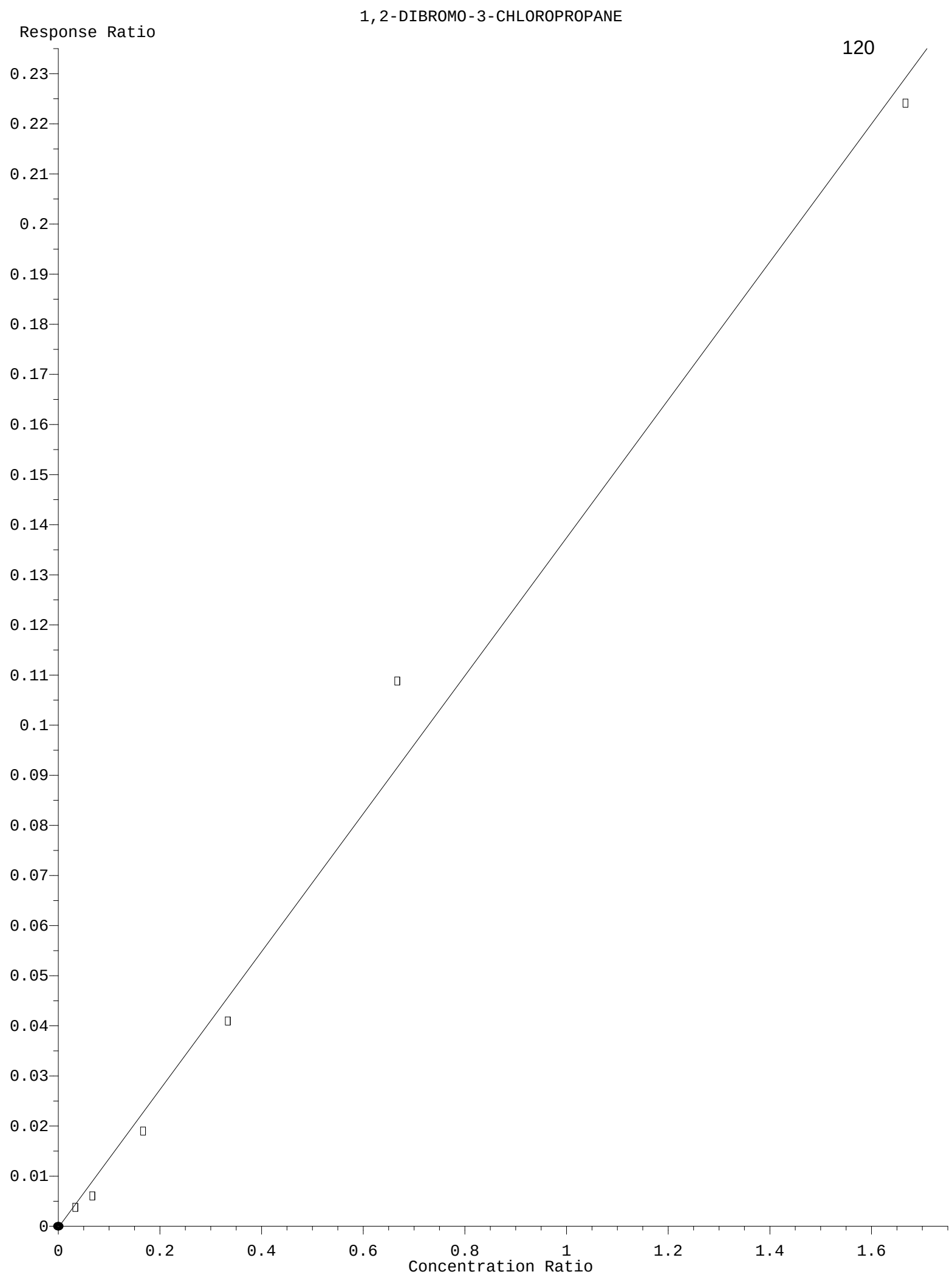

ETHYL ACETATE
Response Ratio
115
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
4
5
6
7
Concentration Ratio

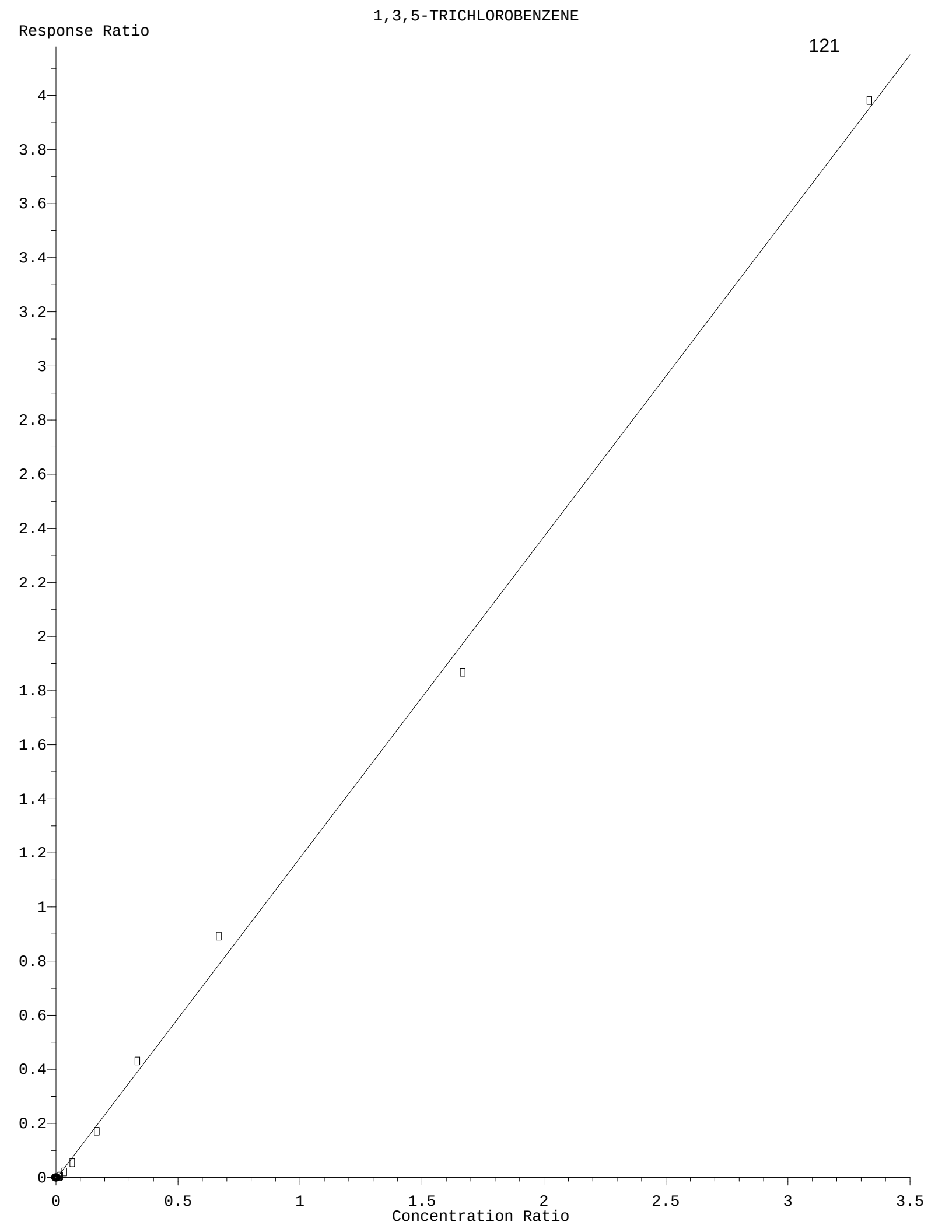

BROMODICHLOROMETHANE
Response Ratio
116
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

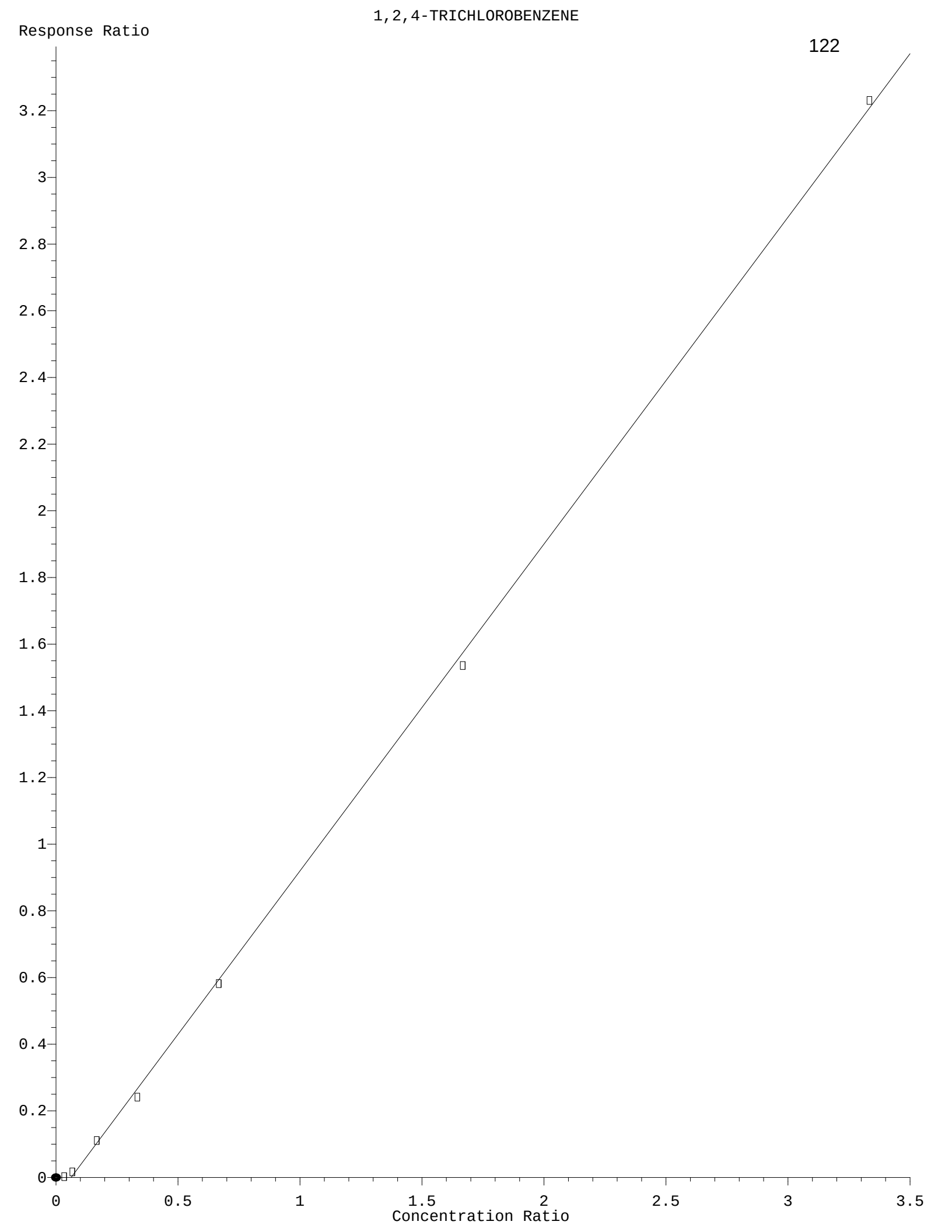

ETHYL METHACRYLATE
Response Ratio
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

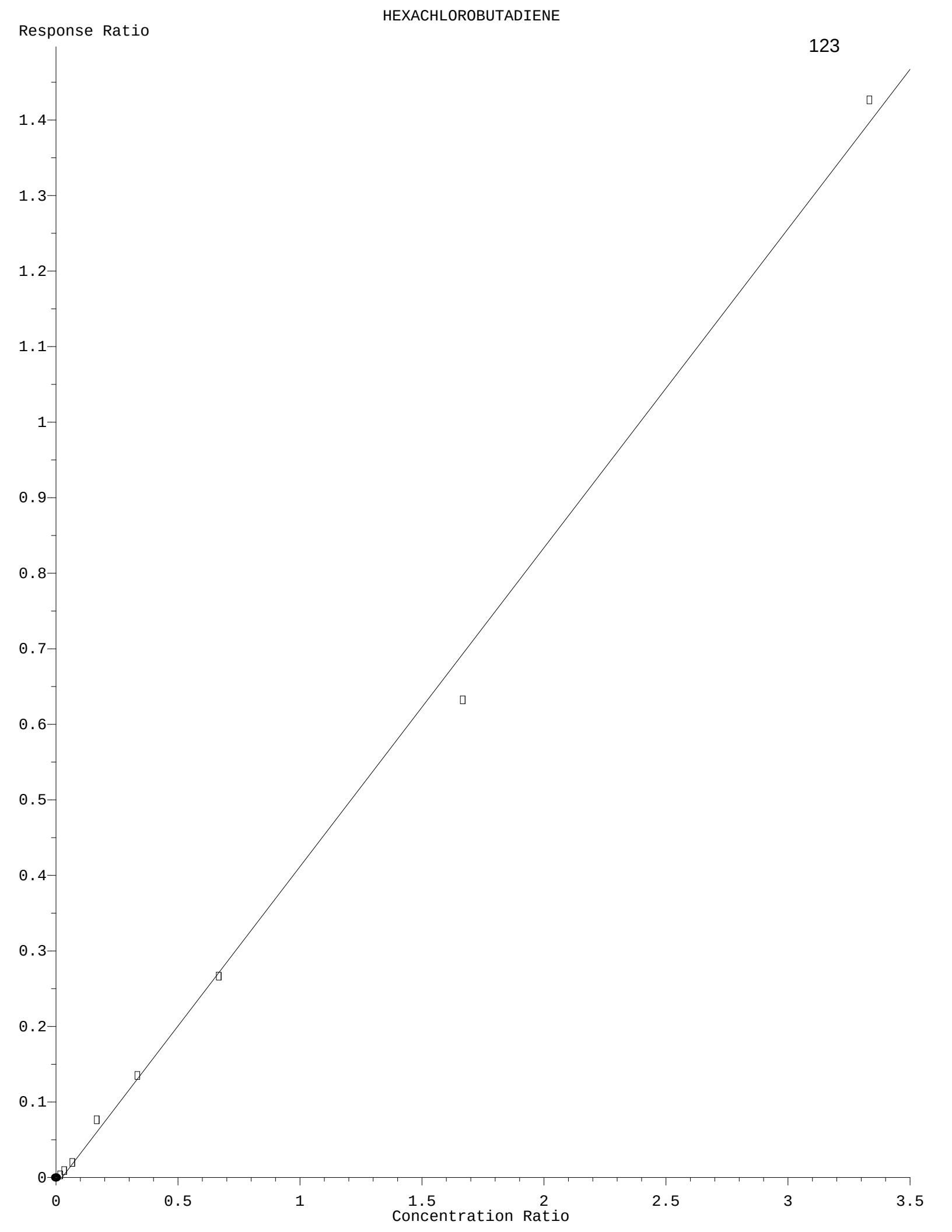

CIS-1,4-DICHLORO-2-BUTENE
Response Ratio
118
7.50e-002
7.00e-002
6.50e-002
6.00e-002
5.50e-002
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration Ratio

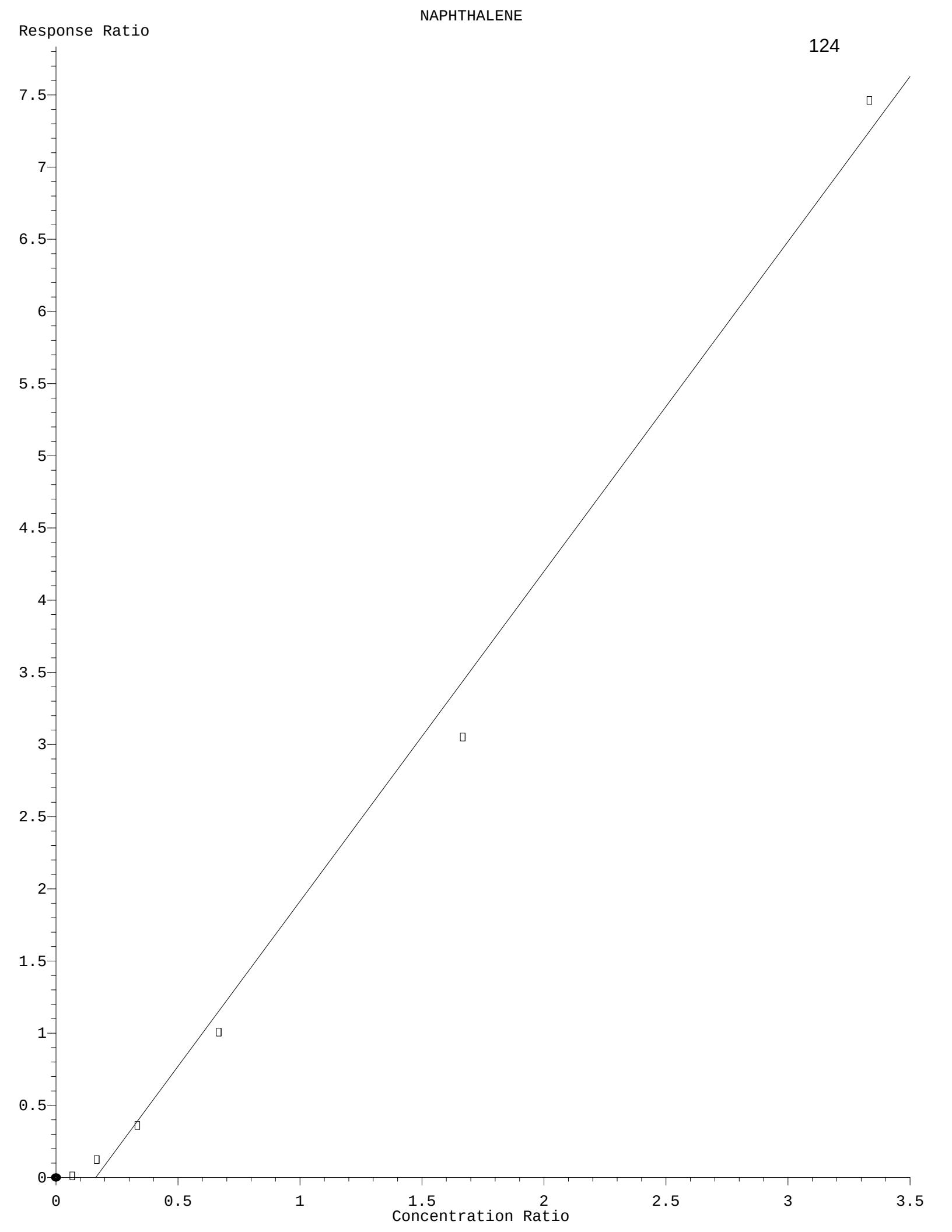

N-BUTYLBENZENE
Response Ratio
119
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
1
2
3
4
5
6
7
Concentration Ratio

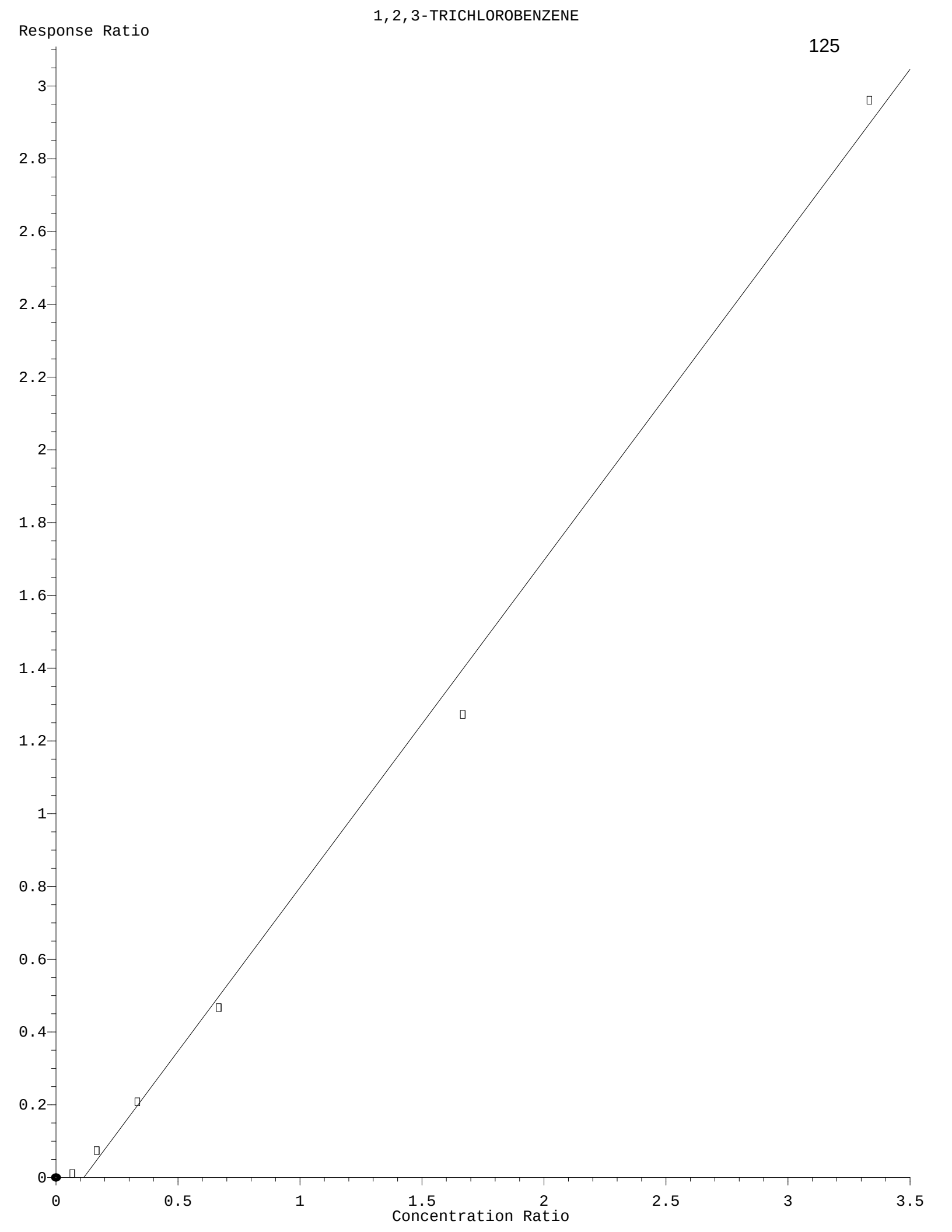

1,2-DIBROMO-3-CHLOROPROPANE
Response Ratio
120
0.23
0.22
0.21
0.2
0.19
0.18
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Concentration Ratio


1,3,5-TRICHLOROBENZENE
Response Ratio
121
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,4-TRICHLOROBENZENE
Response Ratio
122
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


HEXACHLOROBUTADIENE
Response Ratio
123
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

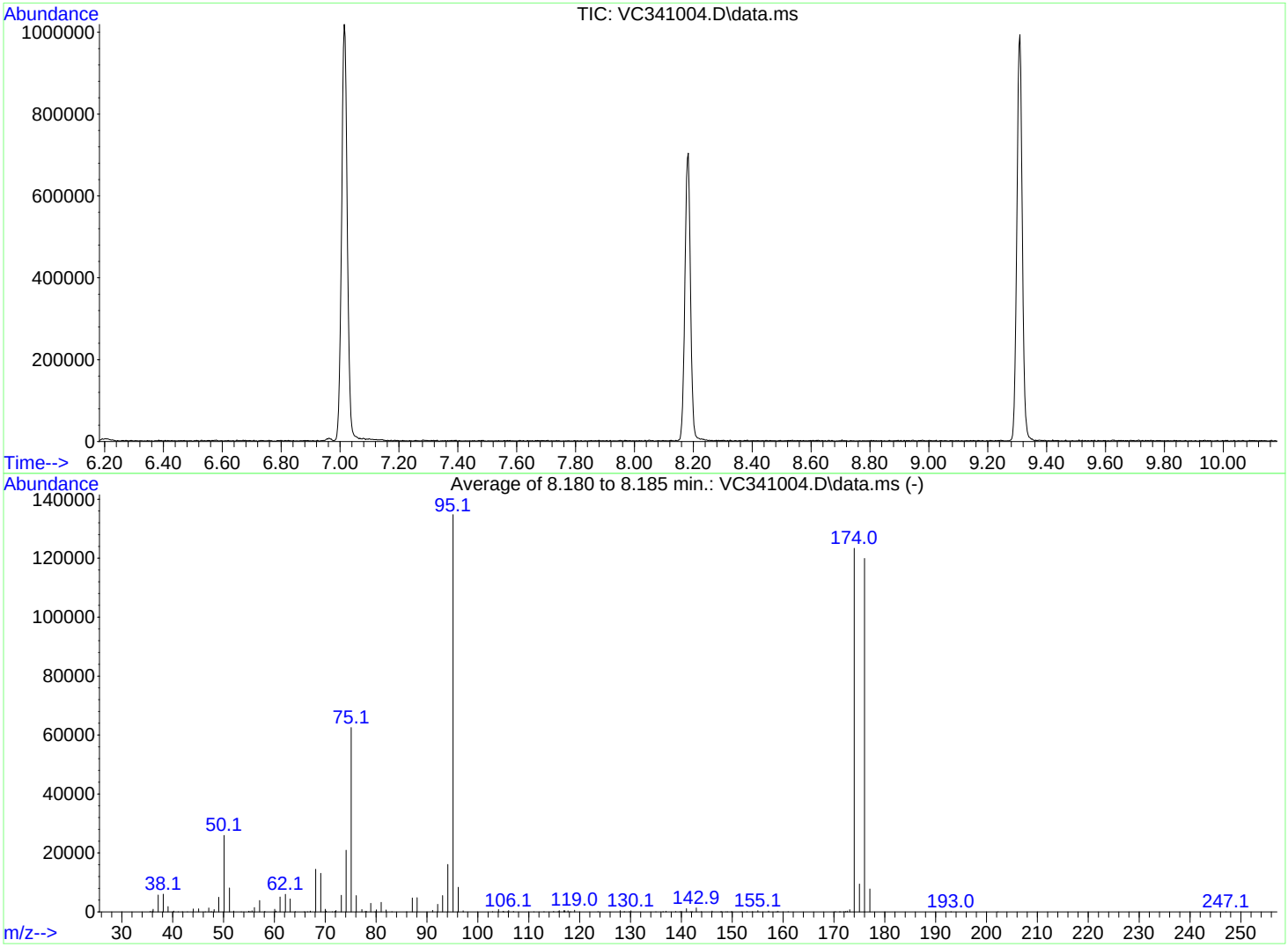

NAPHTHALENE
Response Ratio
124
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,3-TRICHLOROBENZENE
Response Ratio
125
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

Data Path : Y:\1\DATA\120711\
Data File : VC341004.D
Acq On : 7 Dec 2011 12:41 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2647, 2648, 2649; Background Corrected with Scan 2631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	25928	PASS
75	95	30	60	46.4	62565	PASS
95	95	100	100	100.0	134773	PASS
96	95	5	9	6.2	8351	PASS
173	174	0.00	2	0.6	763	PASS
174	95	50	100	91.5	123368	PASS
175	174	5	9	7.7	9444	PASS
176	174	95	101	97.2	119901	PASS
177	176	5	9	6.5	7799	PASS

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	337925	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	477740	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	227733	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	204496	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	164701	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
49) TOLUENE SS	5.606	98	463969	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	170599	21.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	3328	0.41	UG/L		93
4) DIFLUOROCHLOROMETHANE	0.874	51	3525	0.31	UG/L		95
5) CHLOROMETHANE	0.952	50	3064	0.29	UG/L		96
6) VINYL CHLORIDE	0.999	62	3548	0.33	UG/L		92
7) BROMOMETHANE	1.147	94	2951	Below Cal			83
8) CHLOROETHANE	1.192	64	1961	0.31	UG/L	#	83
9) FLUORODICHLOROMETHANE	1.281	67	4987	0.31	UG/L	#	87
10) TRICHLOROFLUOROMETHANE	1.312	101	4017	0.32	UG/L		96
11) ETHANOL	1.454	45	1595	Below Cal		#	62
12) DI ETHYL ETHER	1.451	59	2235	0.35	UG/L		90
13) ACROLEIN	1.512	56	998m	1.81	UG/L		
14) ACETONE	1.602	43	7002	2.98	UG/L		100
15) 1,1-DICHLOROETHENE	1.568	61	3811	0.29	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2164	0.30	UG/L	#	53
17) IODOMETHANE	1.655	142	11493	Below Cal		#	100
20) METHYL ACETATE	1.788	43	5122	0.28	UG/L	#	86
21) T-BUTYL ALCOHOL	1.933	59	1990m	3.26	UG/L		
22) ACRYLONITRILE	2.014	53	1047m	0.31	UG/L		
23) METHYLENE CHLORIDE	1.850	49	11571	Below Cal		#	81
24) CARBON DISULFIDE	1.694	76	60558	2.77	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	6714	0.31	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.020	61	3811	0.31	UG/L		90
27) 1,1-DICHLOROETHANE	2.329	63	5020	Below Cal		#	78
28) VINYL ACETATE	2.377	43	37564	2.69	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	8867m	0.34	UG/L		
31) 2-BUTANONE	2.868	43	9243m	3.17	UG/L		
32) T-BUTYL ETHYL ETHER	2.711	59	8294m	0.37	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.837	61	4526m	0.40	UG/L		
34) 2,2-DICHLOROPROPANE	2.826	77	2431m	0.33	UG/L		
35) ETHYL ACETATE	2.943	43	3638	0.01	UG/L	#	71
38) BROMOCHLOROMETHANE	3.082	49	2248	0.35	UG/L	#	70
40) CHLOROFORM	3.183	83	4739m	0.40	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.342	97	3433	0.35	UG/L	#	56
42) CYCLOHEXANE	3.406	56	9850	0.90	UG/L	#	68
43) CARBON TETRACHLORIDE	3.515	117	2970m	0.37	UG/L		
44) 1,1-DICHLOROPROPENE	3.520	75	3888	Below Cal		#	60
45) BENZENE	3.721	78	10358	0.45	UG/L	#	1
47) T-AMYLMETHYL ETHER	3.869	73	5840m	0.40	UG/L		
50) 1,2-DICHLOROETHANE	3.752	62	3603	0.33	UG/L	#	79
51) TRICHLOROETHENE	4.387	95	3076	0.46	UG/L	#	50
52) METHYLCYCLOHEXANE	4.566	83	3451m	0.42	UG/L		
53) 1,2-DICHLOROPROPANE	4.608	63	2499	0.38	UG/L	#	70
54) DIBROMOMETHANE	4.722	93	1800	0.43	UG/L		92
57) BROMODICHLOROMETHANE	4.909	83	2966	0.34	UG/L	#	87
58) 2-CHLOROETHYLVINYLETHER	5.241	63	12658	3.51	UG/L		92

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

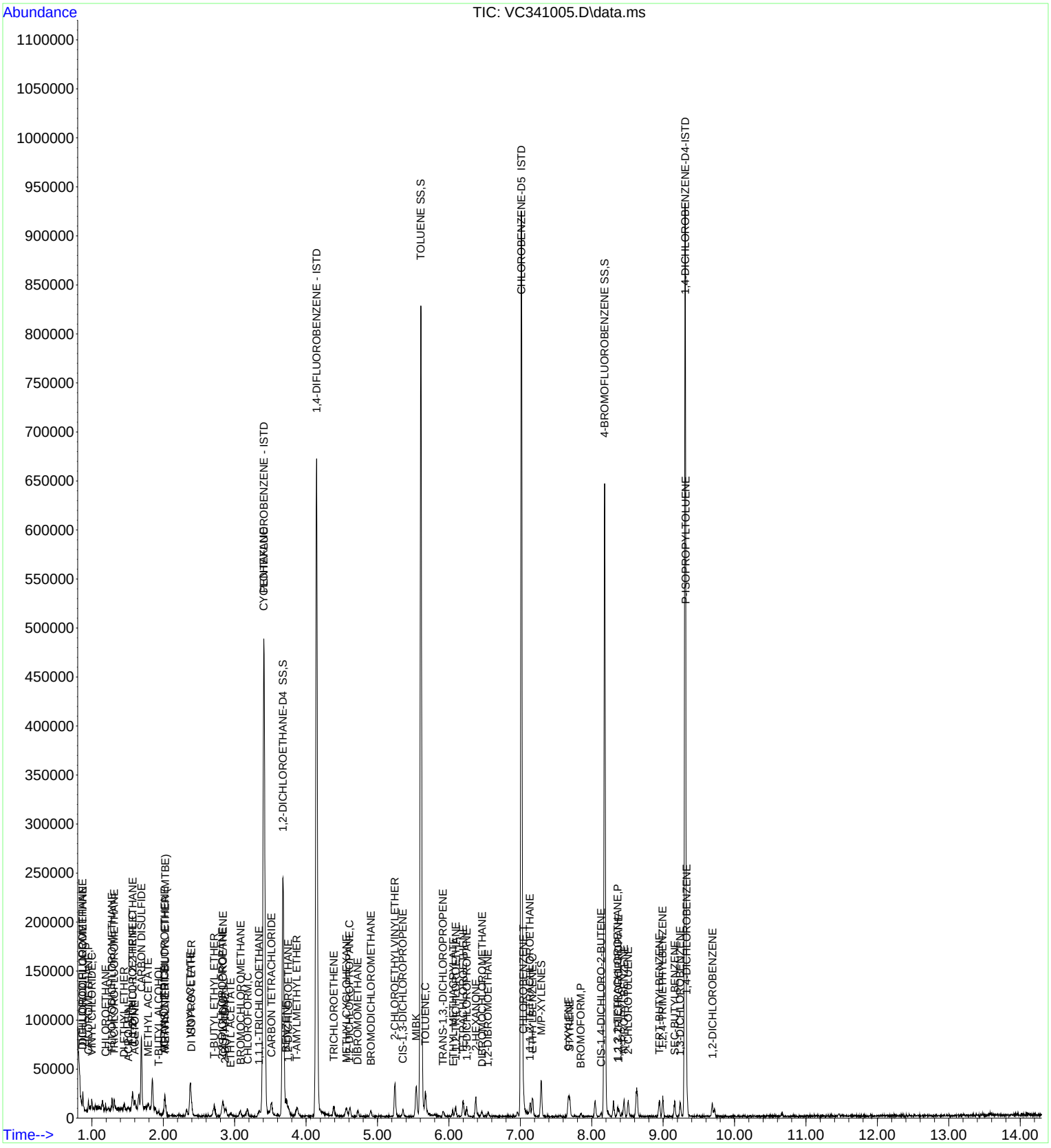
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	18871	3.15 UG/L #	92
60) CIS-1,3-DICHLOROPROPENE	5.355	75	3178	0.36 UG/L	97
61) TOLUENE	5.667	91	10520	0.42 UG/L	93
62) TRANS-1,3,-DICHLOROPRO...	5.916	75	2452	0.38 UG/L #	53
63) ETHYL METHACRYLATE	6.061	69	1988m	0.32 UG/L	
64) 1,1,2-TRICHLOROETHANE	6.097	97	2283m	0.42 UG/L	
65) 2-HEXANONE	6.378	43	9982	2.72 UG/L	95
66) TETRACHLOROETHENE	6.200	166	2805	0.42 UG/L	96
67) 1,3-DICHLOROPROPANE	6.250	76	3313	0.37 UG/L #	79
68) DIBROMOCHLOROMETHANE	6.465	129	1928	0.30 UG/L #	76
69) 1,2-DIBROMOETHANE	6.546	107	2180m	0.38 UG/L	
72) CHLOROBENZENE	7.042	112	7302	0.43 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.131	131	2357m	0.42 UG/L	
74) ETHYLBENZENE	7.170	91	11311	0.41 UG/L	100
75) M/P-XYLENES	7.293	91	17679	0.82 UG/L	97
76) 0-XYLENE	7.672	91	8856	0.38 UG/L	100
77) STYRENE	7.692	104	6659	0.35 UG/L #	66
78) BROMOFORM	7.845	173	1376m	0.53 UG/L	
79) ISOPROPYLBENZENE	8.049	105	8517	Below Cal	97
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	527m	0.43 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	2881	0.07 UG/L #	92
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	541m	Below Cal	
83) BROMOBENZENE	8.303	77	5062	Below Cal	85
84) 1,2,3-TRICHLOROPROPANE	8.378	75	1952m	0.56 UG/L	
85) N-PROPYLBENZENE	8.453	91	10672	0.66 UG/L	94
86) 2-CHLOROT0LUENE	8.512	91	7695	0.70 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	8161	Below Cal	96
88) 4-CHLOROTOLUENE	8.621	91	8827	Below Cal	96
90) TERT-BUTYLBENZENE	8.947	119	6382	0.40 UG/L	90
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	7666	0.38 UG/L	99
92) SEC-BUTYLBENZENE	9.162	105	8864	0.41 UG/L	95
93) 1,3-DICHLOROBENZENE	9.237	146	4898	0.42 UG/L	93
94) P-ISOPROPYLTOLUENE	9.318	119	6189	0.35 UG/L #	88
95) 1,4-DICHLOROBENZENE	9.329	146	5214	0.43 UG/L #	78
96) N-BUTYLBENZENE	9.716	91	3519	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.691	146	4317	0.40 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.667	180	837m	Below Cal	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	326702	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	462778	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	216195	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	193036	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	156171	24.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.36%				
49) TOLUENE SS	5.609	98	456248	25.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	158410	21.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	3588	0.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	4866	0.45	UG/L		94
5) CHLOROMETHANE	0.954	50	3827	0.37	UG/L		93
6) VINYL CHLORIDE	1.002	62	4227	0.41	UG/L		94
7) BROMOMETHANE	1.152	94	5170	Below Cal		#	74
8) CHLOROETHANE	1.192	64	2231	0.37	UG/L		90
9) FLUORODICHLOROMETHANE	1.281	67	6042	0.39	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.311	101	4851	0.40	UG/L		92
12) DI ETHYL ETHER	1.451	59	2200	0.36	UG/L	#	65
13) ACROLEIN	1.521	56	1339	2.52	UG/L		99
14) ACETONE	1.601	43	9121	4.02	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	4551m	0.36	UG/L		
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2431	0.35	UG/L		84
17) IODOMETHANE	1.657	142	19691	0.01	UG/L	#	100
20) METHYL ACETATE	1.786	43	6666	0.37	UG/L	#	77
21) T-BUTYL ALCOHOL	1.925	59	2406m	4.08	UG/L		
22) ACRYLONITRILE	2.006	53	1412	0.44	UG/L	#	8
23) METHYLENE CHLORIDE	1.847	49	14713	Below Cal		#	85
24) CARBON DISULFIDE	1.693	76	72655	3.44	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.031	73	8641m	0.41	UG/L		
26) TRANS 1,2-DICHLOROETHENE	2.023	61	4521	0.38	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	5463	Below Cal		#	87
28) VINYL ACETATE	2.377	43	45604	3.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	10324	0.41	UG/L	#	84
31) 2-BUTANONE	2.876	43	11311m	4.02	UG/L		
32) T-BUTYL ETHYL ETHER	2.703	59	9702	0.45	UG/L	#	50
33) CIS-1,2-DICHLOROETHENE	2.842	61	5277	0.48	UG/L		90
34) 2,2-DICHLOROPROPANE	2.834	77	3433m	0.48	UG/L		
35) ETHYL ACETATE	2.951	43	4258m	0.14	UG/L		
38) BROMOCHLOROMETHANE	3.085	49	2799m	0.45	UG/L		
39) TETRAHYDROFURAN	3.144	42	1061m	0.54	UG/L		
40) CHLOROFORM	3.174	83	5900m	0.51	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.344	97	4178	0.44	UG/L	#	69
42) CYCLOHEXANE	3.411	56	10871	1.03	UG/L	#	66
43) CARBON TETRACHLORIDE	3.501	117	3639m	0.47	UG/L		
44) 1,1-DICHLOROPROPENE	3.514	75	4316	Below Cal		#	81
45) BENZENE	3.724	78	12439	0.56	UG/L	#	86
47) T-AMYLMETHYL ETHER	3.874	73	7168m	0.50	UG/L		
50) 1,2-DICHLOROETHANE	3.754	62	4840	0.45	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	2738	0.42	UG/L	#	79
52) METHYLCYCLOHEXANE	4.563	83	4200m	0.53	UG/L		
53) 1,2-DICHLOROPROPANE	4.619	63	3222	0.51	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	2243m	0.56	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	3556	0.42	UG/L	#	96
58) 2-CHLOROETHYLVINYLETHER	5.243	63	14408	4.13	UG/L		100

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

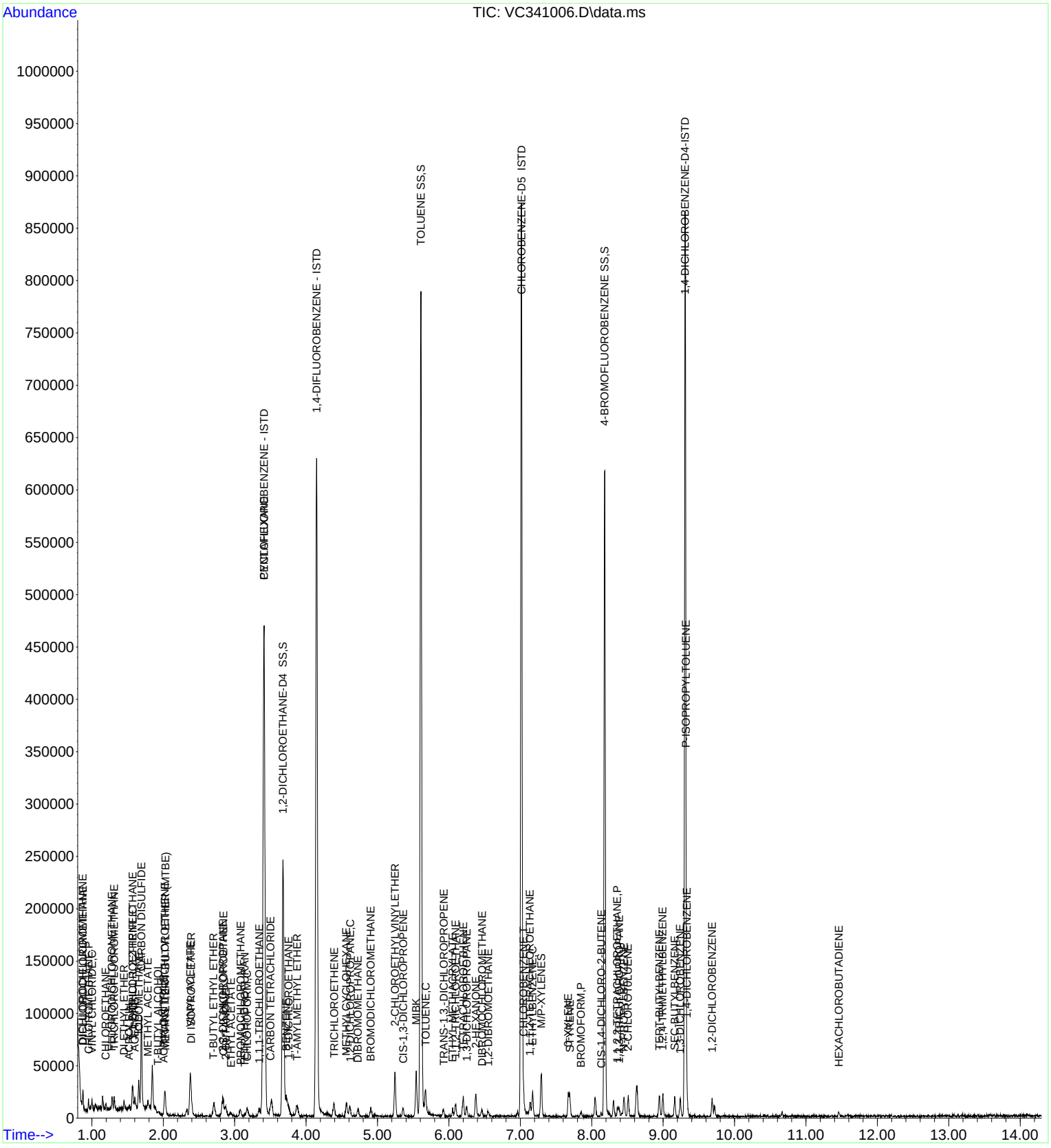
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) MIBK	5.542	43	23542	4.06	UG/L		99
60) CIS-1,3-DICHLOROPROPENE	5.361	75	3315	0.39	UG/L	#	54
61) TOLUENE	5.676	91	12312	0.51	UG/L		97
62) TRANS-1,3,-DICHLOROPRO...	5.929	75	2758	0.44	UG/L	#	53
63) ETHYL METHACRYLATE	6.052	69	2456	0.40	UG/L	#	66
64) 1,1,2-TRICHLOROETHANE	6.094	97	3099	0.59	UG/L		96
65) 2-HEXANONE	6.378	43	12753	3.59	UG/L		99
66) TETRACHLOROETHENE	6.203	166	3672	0.57	UG/L	#	65
67) 1,3-DICHLOROPROPANE	6.250	76	4177	0.49	UG/L		96
68) DIBROMOCHLOROMETHANE	6.465	129	2445	0.39	UG/L		94
69) 1,2-DIBROMOETHANE	6.551	107	2390	0.44	UG/L	#	54
72) CHLOROBENZENE	7.045	112	8368	0.52	UG/L	#	83
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	2452	0.46	UG/L	#	90
74) ETHYLBENZENE	7.173	91	13127	0.50	UG/L		98
75) M/P-XYLENES	7.296	91	20611	1.00	UG/L	#	60
76) 0-XYLENE	7.670	91	9670	0.44	UG/L		100
77) STYRENE	7.695	104	6941	0.39	UG/L		97
78) BROMOFORM	7.851	173	1534m	0.57	UG/L		
79) ISOPROPYLBENZENE	8.049	105	10130	Below Cal		#	80
80) CIS-1,4-DICHLORO-2-BUTENE	8.135	53	582m	0.46	UG/L		
81) 1,1,2,2-TETRACHLOROETHANE	8.356	83	3511	0.17	UG/L	#	94
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	610m	Below Cal			
83) BROMOBENZENE	8.305	77	4946	Below Cal			95
84) 1,2,3-TRICHLOROPROPANE	8.386	75	2569	0.64	UG/L	#	74
85) N-PROPYLBENZENE	8.450	91	12666	0.72	UG/L		100
86) 2-CHLOROT0LUENE	8.509	91	8760	0.75	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	8936	Below Cal			97
88) 4-CHLOROTOLUENE	8.623	91	10136	Below Cal		#	88
90) TERT-BUTYLBENZENE	8.950	119	7801	0.51	UG/L		96
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	8922	0.46	UG/L		98
92) SEC-BUTYLBENZENE	9.161	105	10145	0.49	UG/L		98
93) 1,3-DICHLOROBENZENE	9.237	146	5710	0.51	UG/L		95
94) P-ISOPROPYLTOLUENE	9.320	119	8211	0.50	UG/L		95
95) 1,4-DICHLOROBENZENE	9.332	146	5278	0.46	UG/L		97
96) N-BUTYLBENZENE	9.722	91	4605	Below Cal		#	50
97) 1,2-DICHLOROBENZENE	9.686	146	4724	0.46	UG/L	#	92
99) 1,3,5-TRICHLOROBENZENE	10.667	180	1041	Below Cal			99
101) HEXACHLOROBUTADIENE	11.462	225	675	0.30	UG/L	#	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	298073	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	387805	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	201135	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	185383	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	137505	23.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.96%				
49) TOLUENE SS	5.606	98	402487	26.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.32%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	155659	22.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.96%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	6764	0.94	UG/L		89
4) DIFLUOROCHLOROMETHANE	0.876	51	8075	0.81	UG/L		95
5) CHLOROMETHANE	0.949	50	7491	0.80	UG/L		99
6) VINYL CHLORIDE	1.002	62	8113	0.87	UG/L		94
7) BROMOMETHANE	1.147	94	7196	0.45	UG/L		98
8) CHLOROETHANE	1.197	64	4449	0.80	UG/L		94
9) FLUORODICHLOROMETHANE	1.284	67	12002	0.85	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.309	101	8870	0.79	UG/L		92
12) DI ETHYL ETHER	1.451	59	5078	0.91	UG/L	#	85
13) ACROLEIN	1.515	56	2388	4.92	UG/L		98
14) ACETONE	1.599	43	15854	7.65	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	9804	0.85	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	5445	0.85	UG/L		99
17) IODOMETHANE	1.657	142	46115	2.90	UG/L	#	100
20) METHYL ACETATE	1.786	43	11214	0.69	UG/L	#	88
21) T-BUTYL ALCOHOL	1.931	59	3387	6.29	UG/L	#	95
22) ACRYLONITRILE	2.006	53	2426	0.82	UG/L	#	74
23) METHYLENE CHLORIDE	1.847	49	19699	Below Cal		#	85
24) CARBON DISULFIDE	1.694	76	149182	7.74	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	16396	0.85	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.023	61	9572	0.89	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	10960	Below Cal		#	92
28) VINYL ACETATE	2.377	43	89551	7.28	UG/L	#	100
29) DI ISOPROYL ETHER	2.385	45	20432m	0.90	UG/L		
31) 2-BUTANONE	2.870	43	21416	8.34	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	17604	0.89	UG/L	#	81
33) CIS-1,2-DICHLOROETHENE	2.837	61	10915	1.10	UG/L	#	84
34) 2,2-DICHLOROPROPANE	2.829	77	5180	0.79	UG/L	#	77
35) ETHYL ACETATE	2.943	43	4413	0.24	UG/L	#	71
38) BROMOCHLOROMETHANE	3.074	49	5734	1.00	UG/L	#	85
39) TETRAHYDROFURAN	3.141	42	1372m	0.77	UG/L		
40) CHLOROFORM	3.174	83	10412	0.98	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.336	97	7941	0.92	UG/L		94
42) CYCLOHEXANE	3.397	56	14905	1.54	UG/L	#	73
43) CARBON TETRACHLORIDE	3.503	117	6737	0.95	UG/L		89
44) 1,1-DICHLOROPROPENE	3.517	75	7429m	Below Cal			
45) BENZENE	3.724	78	21243	1.04	UG/L		95
47) T-AMYLMETHYL ETHER	3.869	73	12287	0.95	UG/L	#	74
50) 1,2-DICHLOROETHANE	3.754	62	8837	0.99	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	5622	1.03	UG/L		91
52) METHYLCYCLOHEXANE	4.560	83	6700	1.02	UG/L		96
53) 1,2-DICHLOROPROPANE	4.610	63	5454	1.03	UG/L	#	91
54) DIBROMOMETHANE	4.725	93	3481	1.03	UG/L		91
57) BROMODICHLOROMETHANE	4.903	83	7113	1.00	UG/L	#	94
58) 2-CHLOROETHYLVINYLETHER	5.243	63	26911	9.20	UG/L		93

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59)	MIBK	5.539	43	40809	8.40	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	6306	0.88	UG/L	#	88
61)	TOLUENE	5.676	91	24284	1.20	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	4398	0.84	UG/L	#	88
63)	ETHYL METHACRYLATE	6.052	69	4943	0.97	UG/L		90
64)	1,1,2-TRICHLOROETHANE	6.094	97	4793	1.10	UG/L		95
65)	2-HEXANONE	6.373	43	26184	8.79	UG/L		96
66)	TETRACHLOROETHENE	6.200	166	6173	1.14	UG/L		96
67)	1,3-DICHLOROPROPANE	6.247	76	7687	1.07	UG/L		92
68)	DIBROMOCHLOROMETHANE	6.457	129	5427	1.04	UG/L		99
69)	1,2-DIBROMOETHANE	6.549	107	5031	1.09	UG/L		99
72)	CHLOROBENZENE	7.039	112	15564	1.04	UG/L		93
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	4894	0.98	UG/L	#	87
74)	ETHYLBENZENE	7.173	91	25834	1.06	UG/L		99
75)	M/P-XYLENES	7.290	91	38769	2.03	UG/L		99
76)	0-XYLENE	7.672	91	20717	1.00	UG/L		100
77)	STYRENE	7.689	104	15624	0.94	UG/L		100
78)	BROMOFORM	7.845	173	3103	0.90	UG/L	#	92
79)	ISOPROPYLBENZENE	8.046	105	19279	0.19	UG/L		97
80)	CIS-1,4-DICHLORO-2-BUTENE	8.121	53	1231m	0.71	UG/L		
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	5692	0.51	UG/L	#	94
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	1093	Below Cal		#	28
83)	BROMOBENZENE	8.303	77	9273	0.23	UG/L		99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	4213	0.88	UG/L	#	82
85)	N-PROPYLBENZENE	8.453	91	24934	1.02	UG/L		95
86)	2-CHLOROT0LUENE	8.509	91	17492	1.10	UG/L		98
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	18229	0.33	UG/L		94
88)	4-CHLOROTOLUENE	8.620	91	18587	0.04	UG/L		92
90)	TERT-BUTYLBENZENE	8.947	119	14325	0.98	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	9.000	105	18242	0.99	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	19799	1.00	UG/L		98
93)	1,3-DICHLOROBENZENE	9.240	146	10801	1.01	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.312	119	16042	1.01	UG/L	#	94
95)	1,4-DICHLOROBENZENE	9.326	146	11414	1.05	UG/L	#	92
96)	N-BUTYLBENZENE	9.716	91	10714	0.40	UG/L		94
97)	1,2-DICHLOROBENZENE	9.686	146	10590	1.07	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.469	75	697	Below Cal		#	1
99)	1,3,5-TRICHLOROBENZENE	10.667	180	3784	0.28	UG/L		91
100)	1,2,4-TRICHLOROBENZENE	11.270	180	483m	1.66	UG/L		
101)	HEXACHLOROBUTADIENE	11.459	225	1689	0.79	UG/L	#	44

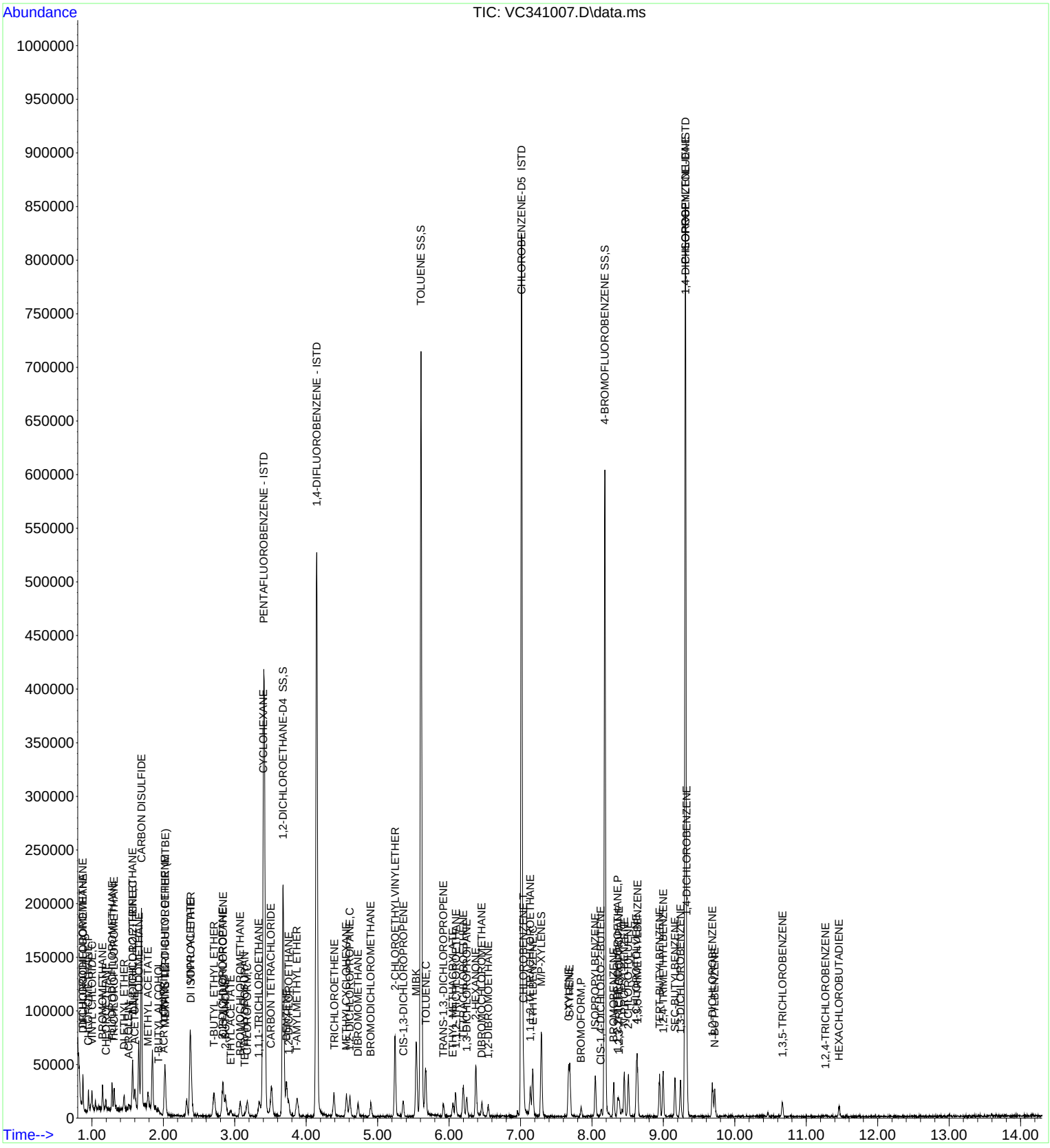
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D
Acq On : 7 Dec 2011 2:12 pm
Sample : 8260 STD 1.0 PPB
Misc :
Quant Time: Dec 08 07:12:06 2011

Vial: 7
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	357136	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	498814	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	217646	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	194349	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	170609	24.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%				
49) TOLUENE SS	5.606	98	471991	24.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	147646	19.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	13352	1.55	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	17199	1.44	UG/L	#	92
5) CHLOROMETHANE	0.952	50	14491	1.30	UG/L		96
6) VINYL CHLORIDE	1.002	62	16955	1.51	UG/L		97
7) BROMOMETHANE	1.147	94	14411	1.52	UG/L		95
8) CHLOROETHANE	1.195	64	8989	1.35	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	25660	1.52	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.309	101	20022	1.49	UG/L		99
11) ETHANOL	1.404	45	1637m	Below Cal			
12) DI ETHYL ETHER	1.448	59	10672	1.59	UG/L	#	86
13) ACROLEIN	1.515	56	6943	11.94	UG/L		99
14) ACETONE	1.604	43	33500	13.50	UG/L		100
15) 1,1-DICHLOROETHENE	1.571	61	21196	1.53	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	11751m	1.53	UG/L		
17) IODOMETHANE	1.657	142	129606	9.29	UG/L	#	100
20) METHYL ACETATE	1.786	43	25502	1.30	UG/L		95
21) T-BUTYL ALCOHOL	1.922	59	9981m	15.48	UG/L		
22) ACRYLONITRILE	2.000	53	5456m	1.55	UG/L		
23) METHYLENE CHLORIDE	1.847	49	29113	Below Cal			88
24) CARBON DISULFIDE	1.694	76	327961	14.21	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	35755	1.56	UG/L	#	79
26) TRANS 1,2-DICHLOROETHENE	2.023	61	21647	1.67	UG/L		100
27) 1,1-DICHLOROETHANE	2.329	63	23678	0.12	UG/L		98
28) VINYL ACETATE	2.377	43	211646	14.36	UG/L	#	100
29) DI ISOPROYL ETHER	2.399	45	45555m	1.67	UG/L		
31) 2-BUTANONE	2.868	43	49094	15.96	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	40183	1.70	UG/L	#	92
33) CIS-1,2-DICHLOROETHENE	2.831	61	22027	1.85	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	11962	1.53	UG/L		95
35) ETHYL ACETATE	2.937	43	11701m	1.22	UG/L		
38) BROMOCHLOROMETHANE	3.071	49	11907	1.74	UG/L		85
39) TETRAHYDROFURAN	3.135	42	4002m	1.87	UG/L		
40) CHLOROFORM	3.180	83	24052	1.90	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	18259	1.76	UG/L	#	86
42) CYCLOHEXANE	3.395	56	26361m	2.28	UG/L		
43) CARBON TETRACHLORIDE	3.506	117	15316	1.81	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	17055	0.83	UG/L	#	90
45) BENZENE	3.724	78	48624	1.98	UG/L	#	87
47) T-AMYLMETHYL ETHER	3.877	73	27733	1.78	UG/L	#	78
50) 1,2-DICHLOROETHANE	3.760	62	21331	1.86	UG/L	#	94
51) TRICHLOROETHENE	4.396	95	12803	1.83	UG/L		96
52) METHYLCYCLOHEXANE	4.569	83	16241	1.91	UG/L		94
53) 1,2-DICHLOROPROPANE	4.611	63	12814	1.88	UG/L	#	98
54) DIBROMOMETHANE	4.725	93	7496	1.73	UG/L		92
56) 1,4-DIOXANE	4.784	88	1063m	Below Cal			

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

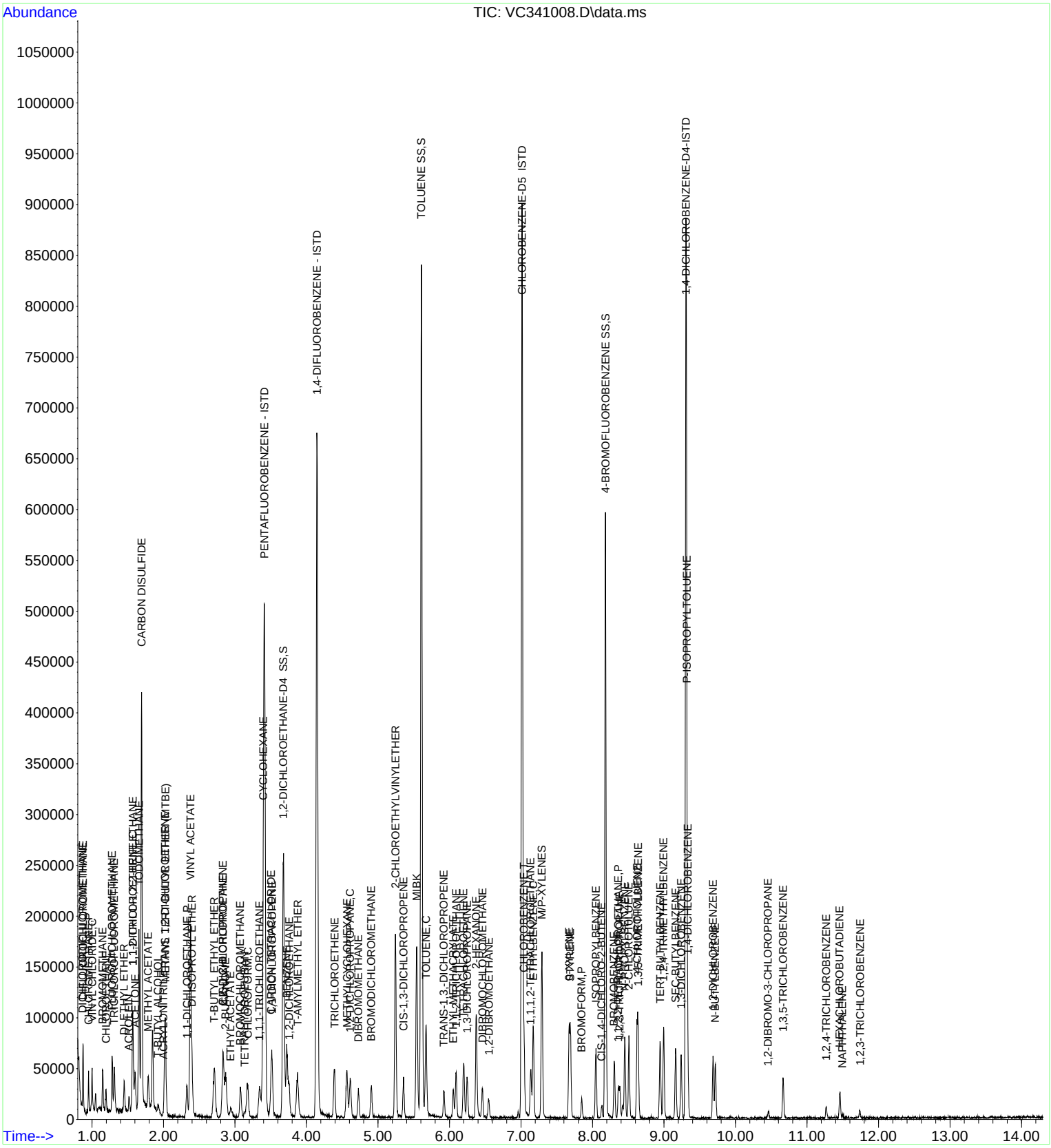
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	16634	1.81	UG/L		98
58)	2-CHLOROETHYLVINYLETHER	5.244	63	67362	17.91	UG/L		93
59)	MIBK	5.542	43	101794	16.29	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	15130	1.64	UG/L		96
61)	TOLUENE	5.673	91	51773	1.98	UG/L		98
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	11072	1.64	UG/L	#	76
63)	ETHYL METHACRYLATE	6.052	69	11079	1.69	UG/L	#	84
64)	1,1,2-TRICHLOROETHANE	6.091	97	10907	1.94	UG/L		96
65)	2-HEXANONE	6.373	43	56930	14.85	UG/L		96
66)	TETRACHLOROETHENE	6.197	166	12886	1.84	UG/L		94
67)	1,3-DICHLOROPROPANE	6.248	76	17727	1.91	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.462	129	12014	1.80	UG/L		92
69)	1,2-DIBROMOETHANE	6.551	107	9670	1.63	UG/L		92
72)	CHLOROBENZENE	7.040	112	30658	1.90	UG/L	#	88
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	10196	1.89	UG/L		93
74)	ETHYLBENZENE	7.171	91	52635	1.99	UG/L		99
75)	M/P-XYLENES	7.290	91	82345	3.98	UG/L		97
76)	0-XYLENE	7.673	91	40165	1.80	UG/L		98
77)	STYRENE	7.689	104	31638	1.76	UG/L		98
78)	BROMOFORM	7.848	173	6859	1.54	UG/L		98
79)	ISOPROPYLBENZENE	8.049	105	38463	0.94	UG/L		98
80)	CIS-1,4-DICHLORO-2-BUTENE	8.124	53	2287	1.03	UG/L	#	65
81)	1,1,2,2-TETRACHLOROETHANE	8.359	83	10309	1.05	UG/L		92
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	2352	Below Cal		#	61
83)	BROMOBENZENE	8.300	77	18245	0.98	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.381	75	9211	1.44	UG/L		99
85)	N-PROPYLBENZENE	8.451	91	49083	1.49	UG/L		97
86)	2-CHLOROT0LUENE	8.509	91	34123	1.64	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	36841	1.12	UG/L		96
88)	4-CHLOROTOLUENE	8.623	91	35963	0.80	UG/L		100
90)	TERT-BUTYLBENZENE	8.950	119	29684	1.94	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	38755	2.01	UG/L		100
92)	SEC-BUTYLBENZENE	9.162	105	40682	1.96	UG/L		99
93)	1,3-DICHLOROBENZENE	9.240	146	20624	1.84	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.321	119	33336	2.00	UG/L		96
95)	1,4-DICHLOROBENZENE	9.332	146	21475	1.88	UG/L		97
96)	N-BUTYLBENZENE	9.714	91	23493	1.26	UG/L		98
97)	1,2-DICHLOROBENZENE	9.686	146	21255	2.05	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.456	75	1175	0.17	UG/L		92
99)	1,3,5-TRICHLOROBENZENE	10.665	180	10583	1.31	UG/L		97
100)	1,2,4-TRICHLOROBENZENE	11.270	180	3286	2.14	UG/L		95
101)	HEXACHLOROBUTADIENE	11.457	225	3869	1.72	UG/L		89
102)	NAPHTHALENE	11.496	128	2199m	1.47	UG/L		
103)	1,2,3-TRICHLOROBENZENE	11.744	180	2074m	1.11	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	245184	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	339877	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	165237	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	173266	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	115189	23.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%				
49) TOLUENE SS	5.606	98	351695	26.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.00%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	137349	23.89	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	31340	5.30	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.877	51	41349	5.05	UG/L		99
5) CHLOROMETHANE	0.952	50	32134	4.18	UG/L		97
6) VINYL CHLORIDE	0.999	62	38484	4.99	UG/L		98
7) BROMOMETHANE	1.150	94	25452	5.70	UG/L		97
8) CHLOROETHANE	1.192	64	18595	4.07	UG/L		94
9) FLUORODICHLOROMETHANE	1.281	67	59984	5.19	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	45814	4.98	UG/L		97
11) ETHANOL	1.392	45	2740m	Below Cal			
12) DI ETHYL ETHER	1.451	59	22834	4.95	UG/L		94
13) ACROLEIN	1.515	56	16714	41.88	UG/L		98
14) ACETONE	1.602	43	67635	39.69	UG/L		99
15) 1,1-DICHLOROETHENE	1.568	61	47818	5.02	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	25853	4.91	UG/L		95
17) IODOMETHANE	1.657	142	383657	46.13	UG/L	#	100
20) METHYL ACETATE	1.786	43	56315	4.18	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	19934	45.03	UG/L	#	83
22) ACRYLONITRILE	2.012	53	12074	4.99	UG/L		87
23) METHYLENE CHLORIDE	1.847	49	54114	3.38	UG/L		91
24) CARBON DISULFIDE	1.694	76	794414	50.13	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	80872	5.12	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	46198	5.21	UG/L		94
27) 1,1-DICHLOROETHANE	2.324	63	50270	4.39	UG/L		99
28) VINYL ACETATE	2.377	43	443316	43.81	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	87604	4.67	UG/L		91
31) 2-BUTANONE	2.868	43	79182	37.49	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	71395	4.41	UG/L	#	87
33) CIS-1,2-DICHLOROETHENE	2.837	61	39010	4.76	UG/L		96
34) 2,2-DICHLOROPROPANE	2.829	77	22456	4.17	UG/L	#	75
35) ETHYL ACETATE	2.943	43	17632	3.37	UG/L	#	88
38) BROMOCHLOROMETHANE	3.077	49	20111	4.28	UG/L	#	84
39) TETRAHYDROFURAN	3.138	42	5490	3.73	UG/L	#	86
40) CHLOROFORM	3.180	83	42568	4.89	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.345	97	35767	5.01	UG/L	#	79
42) CYCLOHEXANE	3.392	56	39646	4.99	UG/L		90
43) CARBON TETRACHLORIDE	3.503	117	26753	4.61	UG/L		94
44) 1,1-DICHLOROPROPENE	3.520	75	32898	4.47	UG/L		98
45) BENZENE	3.724	78	89421	5.32	UG/L		96
47) T-AMYLMETHYL ETHER	3.872	73	49915	4.68	UG/L	#	87
50) 1,2-DICHLOROETHANE	3.749	62	35255	4.51	UG/L		98
51) TRICHLOROETHENE	4.390	95	26534	5.57	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	30894	5.34	UG/L		90
53) 1,2-DICHLOROPROPANE	4.611	63	23677	5.10	UG/L	#	95
54) DIBROMOMETHANE	4.725	93	14988	5.07	UG/L		96
56) 1,4-DIOXANE	4.778	88	1773m	4.14	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	41613	6.65	UG/L		96
58)	2-CHLOROETHYLVINYLETHER	5.244	63	124715	48.66	UG/L		96
59)	MIBK	5.542	43	201766	47.39	UG/L		97
60)	CIS-1,3-DICHLOROPROPENE	5.350	75	33128	5.28	UG/L		98
61)	TOLUENE	5.670	91	118530	6.66	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	23554	5.13	UG/L		91
63)	ETHYL METHACRYLATE	6.052	69	29817	6.66	UG/L		85
64)	1,1,2-TRICHLOROETHANE	6.091	97	25894	6.75	UG/L		94
65)	2-HEXANONE	6.376	43	127777	48.92	UG/L		94
66)	TETRACHLOROETHENE	6.197	166	25766	5.41	UG/L		97
67)	1,3-DICHLOROPROPANE	6.247	76	34871	5.52	UG/L		95
68)	DIBROMOCHLOROMETHANE	6.462	129	24794	5.44	UG/L		97
69)	1,2-DIBROMOETHANE	6.546	107	23662	5.87	UG/L		96
72)	CHLOROBENZENE	7.045	112	62560	5.11	UG/L		97
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	22889	5.60	UG/L		96
74)	ETHYLBENZENE	7.173	91	109598	5.45	UG/L		99
75)	M/P-XYLENES	7.290	91	179782	11.44	UG/L		100
76)	0-XYLENE	7.673	91	85379	5.03	UG/L		99
77)	STYRENE	7.692	104	68745	5.03	UG/L		98
78)	BROMOFORM	7.845	173	15202	3.93	UG/L		98
79)	ISOPROPYLBENZENE	8.049	105	86351	4.19	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	7006	3.38	UG/L	#	78
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	26076	4.17	UG/L		93
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	5158	1.54	UG/L		91
83)	BROMOBENZENE	8.300	77	43989	4.60	UG/L		98
84)	1,2,3-TRICHLOROPROPANE	8.381	75	19034	3.34	UG/L		97
85)	N-PROPYLBENZENE	8.451	91	120562	3.83	UG/L		99
86)	2-CHLOROT0LUENE	8.509	91	95962	4.88	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.635	105	85235	4.59	UG/L		98
88)	4-CHLOROTOLUENE	8.623	91	85995	4.52	UG/L		98
90)	TERT-BUTYLBENZENE	8.944	119	71551	5.25	UG/L		98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	81436	4.73	UG/L		98
92)	SEC-BUTYLBENZENE	9.162	105	95653	5.18	UG/L		99
93)	1,3-DICHLOROBENZENE	9.237	146	50152	5.03	UG/L		100
94)	P-ISOPROPYLTOLUENE	9.315	119	80395	5.41	UG/L		99
95)	1,4-DICHLOROBENZENE	9.329	146	51146	5.02	UG/L		95
96)	N-BUTYLBENZENE	9.719	91	68458	5.01	UG/L		98
97)	1,2-DICHLOROBENZENE	9.686	146	47669	5.16	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.458	75	3289	3.17	UG/L		96
99)	1,3,5-TRICHLOROBENZENE	10.668	180	29599	4.82	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.267	180	19218	5.32	UG/L		99
101)	HEXACHLOROBUTADIENE	11.459	225	13232	6.61	UG/L		98
102)	NAPHTHALENE	11.499	128	21558	3.28	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	12817	3.59	UG/L		94

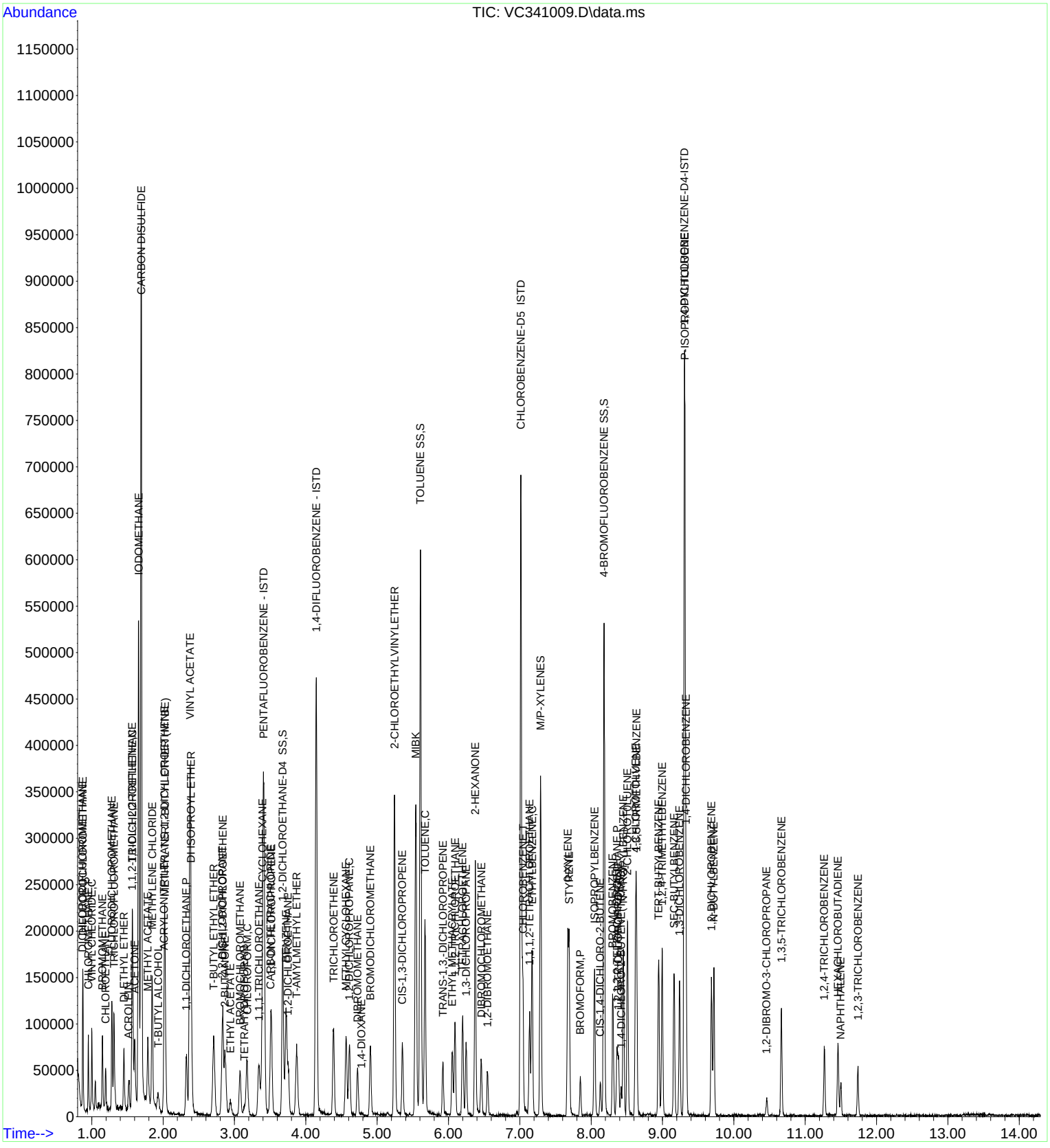
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D
Acq On : 7 Dec 2011 3:13 pm
Sample : 8260 STD 5.0 PPB
Misc :
Quant Time: Dec 08 07:16:35 2011

Vial: 9
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	335223	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	361786	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	168011	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	169748	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	154508	23.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%				
49) TOLUENE SS	5.609	98	346308	24.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	134122	22.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.76%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66460	8.22	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	81395	7.28	UG/L		98
5) CHLOROMETHANE	0.952	50	61230	5.83	UG/L		98
6) VINYL CHLORIDE	1.002	62	73898	7.01	UG/L		99
7) BROMOMETHANE	1.150	94	48375	8.37	UG/L		95
8) CHLOROETHANE	1.194	64	39913	6.38	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	131059	8.29	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	103069	8.20	UG/L		96
11) ETHANOL	1.401	45	4682m	15.22	UG/L		
12) DI ETHYL ETHER	1.451	59	52539	8.33	UG/L		94
13) ACROLEIN	1.518	56	39488	72.38	UG/L		98
14) ACETONE	1.602	43	153987	66.09	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	106247	8.16	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	58771	8.16	UG/L		99
17) IODOMETHANE	1.657	142	953115	85.31	UG/L	#	100
20) METHYL ACETATE	1.786	43	127927	6.95	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	44974	74.31	UG/L	#	96
22) ACRYLONITRILE	2.011	53	25597	7.73	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	105698	6.61	UG/L		88
24) CARBON DISULFIDE	1.694	76	1715357	79.17	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	186508	8.64	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	105484	8.69	UG/L		96
27) 1,1-DICHLOROETHANE	2.324	63	123167	9.40	UG/L		98
28) VINYL ACETATE	2.377	43	1217146	87.98	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	236932	9.23	UG/L		96
31) 2-BUTANONE	2.870	43	259731	89.94	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	211185	9.53	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	112367	10.03	UG/L		95
34) 2,2-DICHLOROPROPANE	2.831	77	65916	8.96	UG/L		95
35) ETHYL ACETATE	2.940	43	59327	9.15	UG/L	#	83
38) BROMOCHLOROMETHANE	3.080	49	59921	9.32	UG/L		87
39) TETRAHYDROFURAN	3.138	42	16485	8.19	UG/L	#	89
40) CHLOROFORM	3.174	83	118835	9.99	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.339	97	93636	9.60	UG/L		99
42) CYCLOHEXANE	3.389	56	107940	9.94	UG/L		93
43) CARBON TETRACHLORIDE	3.506	117	76267	9.60	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	83000	9.26	UG/L		98
45) BENZENE	3.724	78	229112	9.96	UG/L		97
47) T-AMYLMETHYL ETHER	3.872	73	130050	8.91	UG/L		95
50) 1,2-DICHLOROETHANE	3.757	62	92919	11.16	UG/L		99
51) TRICHLOROETHENE	4.387	95	49227	9.71	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	59222	9.62	UG/L		92
53) 1,2-DICHLOROPROPANE	4.613	63	44288	8.96	UG/L		98
54) DIBROMOMETHANE	4.722	93	30200	9.59	UG/L		97
56) 1,4-DIOXANE	4.778	88	3477m	56.19	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

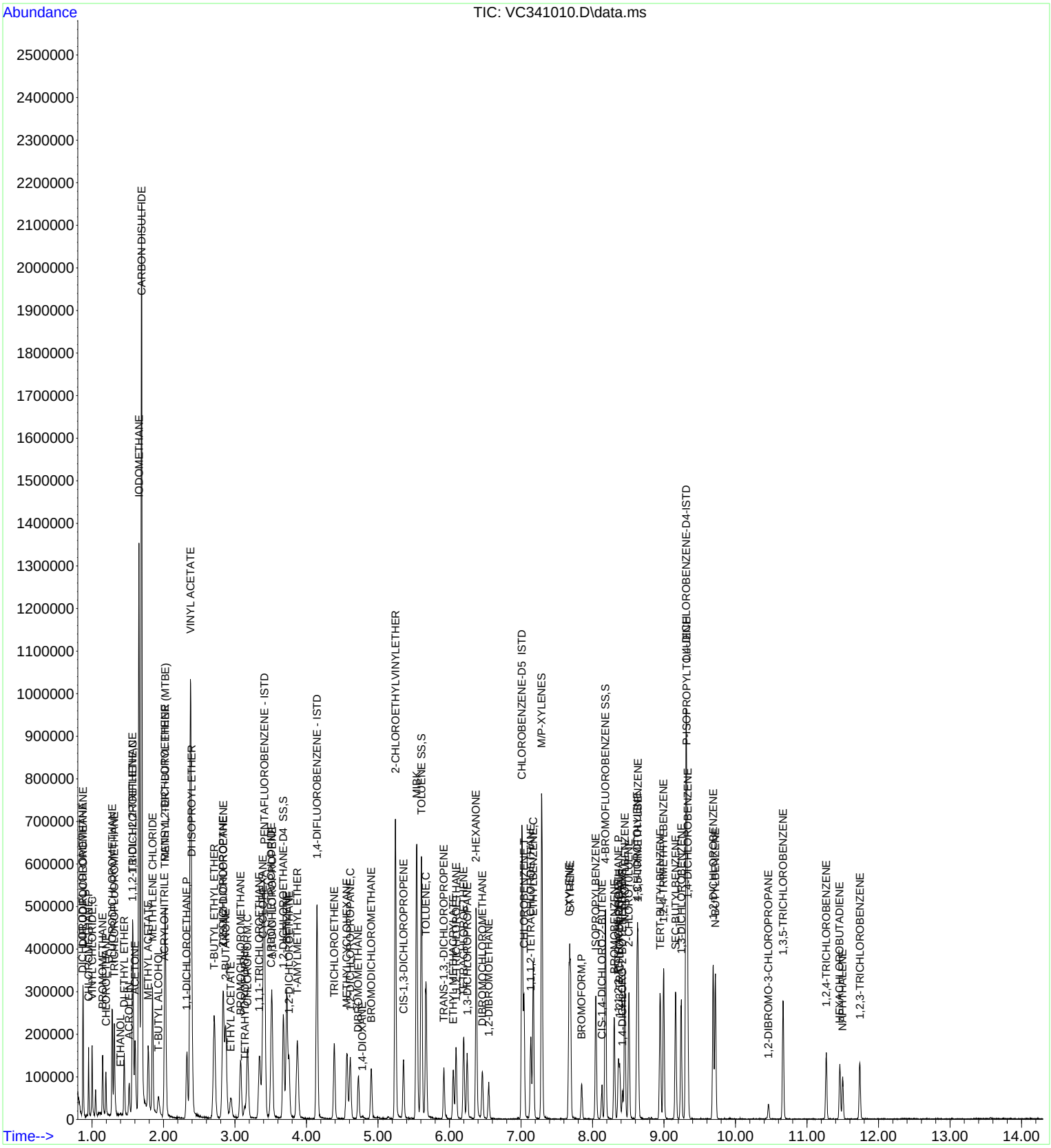
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	62372	9.37	UG/L	98
58)	2-CHLOROETHYLVINYLETHER	5.244	63	254036	93.12	UG/L	94
59)	MIBK	5.542	43	375300	82.81	UG/L	97
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	60584	9.08	UG/L	100
61)	TOLUENE	5.670	91	192432	10.17	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	47659	9.75	UG/L	99
63)	ETHYL METHACRYLATE	6.052	69	45150	9.48	UG/L	91
64)	1,1,2-TRICHLOROETHANE	6.091	97	40886	10.02	UG/L	99
65)	2-HEXANONE	6.370	43	247397	88.98	UG/L	96
66)	TETRACHLOROETHENE	6.194	166	48878	9.65	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	66625	9.90	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.459	129	47945	9.88	UG/L	100
69)	1,2-DIBROMOETHANE	6.549	107	42043	9.79	UG/L	100
72)	CHLOROBENZENE	7.042	112	121996	9.79	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	41582	10.01	UG/L	96
74)	ETHYLBENZENE	7.170	91	209520	10.25	UG/L	98
75)	M/P-XYLENES	7.288	91	366878	22.96	UG/L	98
76)	0-XYLENE	7.672	91	169447	9.82	UG/L	98
77)	STYRENE	7.689	104	136752	9.83	UG/L	99
78)	BROMOFORM	7.845	173	30955	7.59	UG/L	96
79)	ISOPROPYLBENZENE	8.046	105	166680	8.59	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	12716	5.83	UG/L	84
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	50164	8.15	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.417	53	11522	5.70	UG/L	97
83)	BROMOBENZENE	8.305	77	76292	8.32	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	36924	6.08	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	222953	6.60	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	140331	6.82	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	160565	8.99	UG/L	98
88)	4-CHLOROTOLUENE	8.623	91	159999	9.05	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	127506	9.55	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	161452	9.56	UG/L	99
92)	SEC-BUTYLBENZENE	9.164	105	180983	10.00	UG/L	96
93)	1,3-DICHLOROBENZENE	9.242	146	98558	10.09	UG/L	98
94)	P-ISOPROPYLTOLUENE	9.318	119	152141	10.46	UG/L	100
95)	1,4-DICHLOROBENZENE	9.332	146	97392	9.76	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	153271	11.96	UG/L	98
97)	1,2-DICHLOROBENZENE	9.689	146	113983	12.58	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	6950	8.26	UG/L	94
99)	1,3,5-TRICHLOROBENZENE	10.665	180	73114	12.65	UG/L	93
100)	1,2,4-TRICHLOROBENZENE	11.270	180	40944	9.73	UG/L	99
101)	HEXACHLOROBUTADIENE	11.457	225	22921	11.69	UG/L	98
102)	NAPHTHALENE	11.498	128	61173	7.05	UG/L	98
103)	1,2,3-TRICHLOROBENZENE	11.741	180	35296	8.83	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	239743	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	331079	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	231398	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	178430	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	108647	23.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.32%				
49) TOLUENE SS	5.609	98	335299	25.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	131648	16.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 65.40%#				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	124169	21.47	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	159544	19.95	UG/L		98
5) CHLOROMETHANE	0.952	50	121877	16.23	UG/L		99
6) VINYL CHLORIDE	0.999	62	138816	18.42	UG/L		100
7) BROMOMETHANE	1.147	94	88747	23.26	UG/L		99
8) CHLOROETHANE	1.192	64	78214	17.49	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	261162	23.10	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.309	101	206701	22.98	UG/L		97
11) ETHANOL	1.403	45	8977	257.16	UG/L	#	62
12) DI ETHYL ETHER	1.448	59	101246	22.44	UG/L		94
13) ACROLEIN	1.518	56	80857	207.22	UG/L		100
14) ACETONE	1.601	43	296843	178.15	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	213279	22.91	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	116061	22.53	UG/L		99
17) IODOMETHANE	1.654	142	2090446	265.44	UG/L	#	100
20) METHYL ACETATE	1.786	43	239500	18.20	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	89996	207.93	UG/L	#	95
22) ACRYLONITRILE	2.006	53	50950	21.52	UG/L		95
23) METHYLENE CHLORIDE	1.844	49	191922	23.16	UG/L		88
24) CARBON DISULFIDE	1.691	76	3529503	227.78	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	354471	22.97	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	205602	23.70	UG/L		95
27) 1,1-DICHLOROETHANE	2.324	63	236986	28.53	UG/L		100
28) VINYL ACETATE	2.377	43	2092607	211.50	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	387065	21.09	UG/L		92
31) 2-BUTANONE	2.868	43	336434	162.89	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	287579	18.15	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	155009	19.35	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	99732	18.95	UG/L		96
35) ETHYL ACETATE	2.940	43	73715	16.32	UG/L	#	89
38) BROMOCHLOROMETHANE	3.079	49	80408	17.49	UG/L	#	82
39) TETRAHYDROFURAN	3.132	42	19529	13.57	UG/L	#	81
40) CHLOROFORM	3.171	83	169308	19.89	UG/L		97
41) 1,1,1-TRICHLOROETHANE	3.342	97	142672	20.45	UG/L		99
42) CYCLOHEXANE	3.392	56	142291	18.32	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	119841	21.10	UG/L		100
44) 1,1-DICHLOROPROPENE	3.514	75	126589	21.09	UG/L		98
45) BENZENE	3.724	78	340384	20.70	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	211805	20.29	UG/L		98
50) 1,2-DICHLOROETHANE	3.754	62	137524	18.05	UG/L		98
51) TRICHLOROETHENE	4.387	95	95330	20.55	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	117039	20.78	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	89811	19.86	UG/L		99
54) DIBROMOMETHANE	4.725	93	59375	20.61	UG/L		94
56) 1,4-DIOXANE	4.783	88	6627m	179.43	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

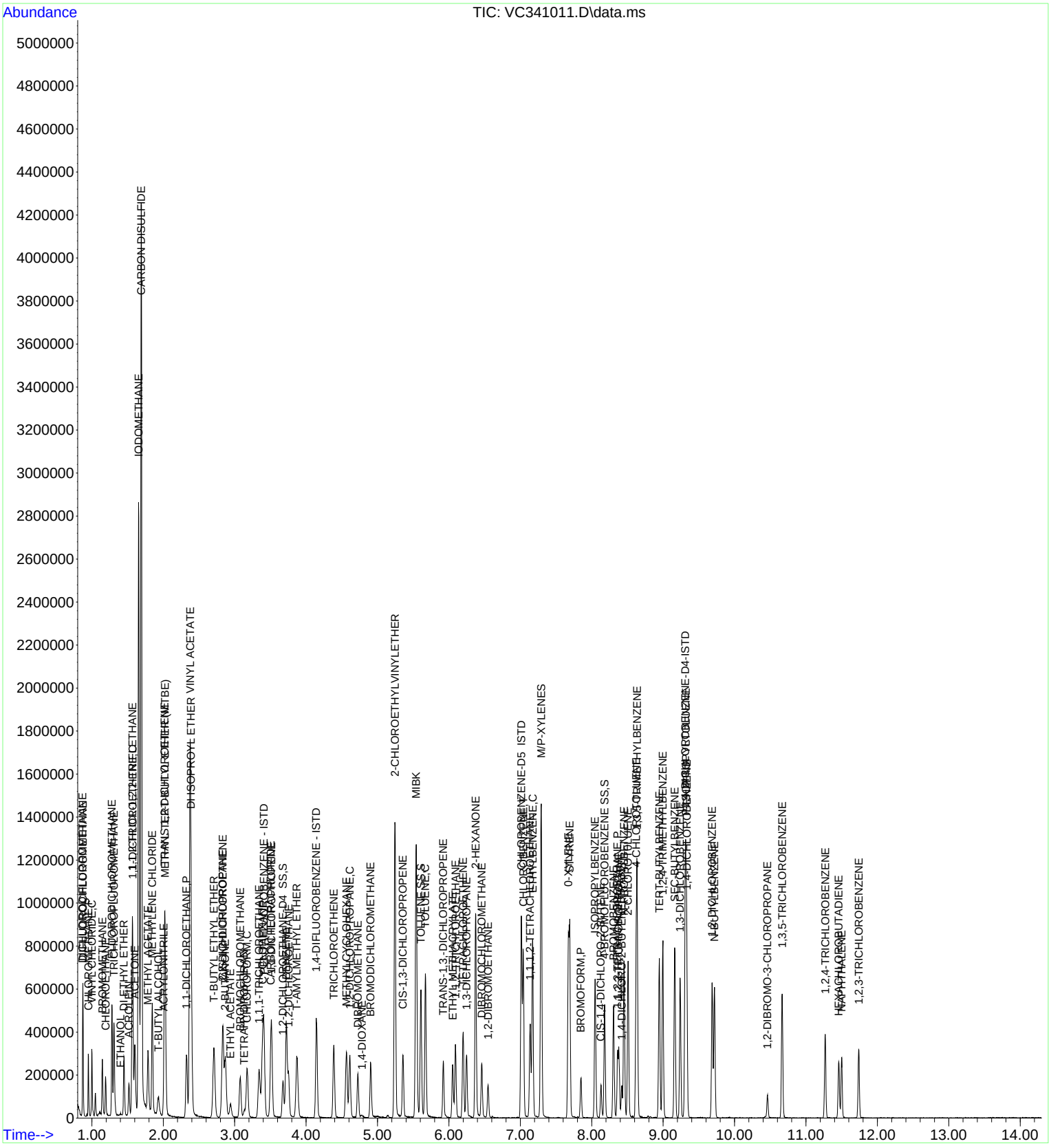
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	133646	21.93	UG/L	100
58)	2-CHLOROETHYLVINYLETHER	5.243	63	519868	208.24	UG/L	94
59)	MIBK	5.542	43	742311	178.99	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	132415	21.67	UG/L	99
61)	TOLUENE	5.670	91	391022	22.57	UG/L	98
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	109224	24.42	UG/L	100
63)	ETHYL METHACRYLATE	6.055	69	96366	22.11	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	83499	22.35	UG/L	96
65)	2-HEXANONE	6.376	43	508490	199.84	UG/L	93
66)	TETRACHLOROETHENE	6.200	166	102050	22.01	UG/L	98
67)	1,3-DICHLOROPROPANE	6.247	76	135155	21.95	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.459	129	105222	23.69	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	83629	21.28	UG/L	100
72)	CHLOROBENZENE	7.042	112	331284	19.30	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	101872	17.80	UG/L	99
74)	ETHYLBENZENE	7.173	91	490444	17.43	UG/L	100
75)	M/P-XYLENES	7.293	91	728157	33.09	UG/L	99
76)	0-XYLENE	7.672	91	385983	16.24	UG/L	100
77)	STYRENE	7.692	104	315376	16.46	UG/L	99
78)	BROMOFORM	7.848	173	75209	13.16	UG/L	99
79)	ISOPROPYLBENZENE	8.046	105	378591	14.62	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	28515	9.32	UG/L	90
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	113664	13.59	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.422	53	26550	10.83	UG/L	99
83)	BROMOBENZENE	8.305	77	169015	13.79	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.378	75	86845	10.15	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	485313	10.17	UG/L	100
86)	2-CHLOROT0LUENE	8.509	91	339828	11.66	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	389428	16.27	UG/L	99
88)	4-CHLOROTOLUENE	8.623	91	366493	15.67	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	308921	22.01	UG/L	98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	362361	20.42	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	493931	25.95	UG/L	99
93)	1,3-DICHLOROBENZENE	9.237	146	222393	21.66	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.320	119	333510	21.81	UG/L	99
95)	1,4-DICHLOROBENZENE	9.332	146	214985	20.49	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	286797	21.60	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	220533	23.16	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	19413	24.00	UG/L	95
99)	1,3,5-TRICHLOROBENZENE	10.667	180	159154	26.56	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.272	180	103744	21.23	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	47563	23.07	UG/L	95
102)	NAPHTHALENE	11.501	128	179626	17.38	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	83331	18.97	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	253600	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	340519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	235626	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	259954	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	118765	23.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%				
49) TOLUENE SS	5.609	98	364966	27.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.76%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	154002	18.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	290348	47.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	397663	47.00	UG/L		97
5) CHLOROMETHANE	0.952	50	315235	39.68	UG/L		97
6) VINYL CHLORIDE	1.002	62	387164	48.56	UG/L		99
7) BROMOMETHANE	1.150	94	262531	67.11	UG/L		97
8) CHLOROETHANE	1.194	64	213738	45.18	UG/L		98
9) FLUORODICHLOROMETHANE	1.284	67	686377	57.39	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	518573	54.50	UG/L		99
12) DI ETHYL ETHER	1.451	59	252216	52.83	UG/L		93
13) ACROLEIN	1.518	56	207863	503.60	UG/L		98
14) ACETONE	1.601	43	758717	430.45	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	529850	53.80	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	292385	53.65	UG/L		99
17) IODOMETHANE	1.657	142	5510817	664.27	UG/L	#	100
20) METHYL ACETATE	1.788	43	603876	43.38	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	225737	493.05	UG/L	#	99
22) ACRYLONITRILE	2.009	53	113409	45.28	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	456618	57.27	UG/L		88
24) CARBON DISULFIDE	1.693	76	8639732	527.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	823834	50.47	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.023	61	456155	49.70	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	415289	48.53	UG/L		99
28) VINYL ACETATE	2.380	43	4133132	394.92	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	744150	38.34	UG/L	#	90
31) 2-BUTANONE	2.870	43	834254	381.85	UG/L		94
32) T-BUTYL ETHYL ETHER	2.709	59	697535	41.61	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	374013	44.15	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	258992	46.52	UG/L		100
35) ETHYL ACETATE	2.946	43	157961	33.64	UG/L	#	97
38) BROMOCHLOROMETHANE	3.082	49	204164	41.98	UG/L	#	83
39) TETRAHYDROFURAN	3.132	42	52455	34.45	UG/L	#	86
40) CHLOROFORM	3.177	83	435044	48.32	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	383958	52.03	UG/L		98
42) CYCLOHEXANE	3.395	56	362794	44.15	UG/L		91
43) CARBON TETRACHLORIDE	3.509	117	321674	53.55	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	320899	52.21	UG/L		99
45) BENZENE	3.724	78	934695	53.73	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	568162	51.46	UG/L		99
50) 1,2-DICHLOROETHANE	3.754	62	382482	48.81	UG/L		100
51) TRICHLOROETHENE	4.390	95	261487	54.81	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	331364	57.20	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	251965	54.17	UG/L		98
54) DIBROMOMETHANE	4.728	93	164778	55.61	UG/L		97
56) 1,4-DIOXANE	4.783	88	17789m	561.09	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	383185	61.14	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.246	63	1434134	558.53	UG/L	93
59)	MIBK	5.545	43	2107851	494.16	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	380341	60.53	UG/L	99
61)	TOLUENE	5.673	91	1033903	58.03	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	303524	65.97	UG/L	98
63)	ETHYL METHACRYLATE	6.052	69	285358	63.64	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	226232	58.89	UG/L	99
65)	2-HEXANONE	6.373	43	1457360	556.88	UG/L	95
66)	TETRACHLOROETHENE	6.200	166	273504	57.34	UG/L	99
67)	1,3-DICHLOROPROPANE	6.247	76	361869	57.15	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.462	129	304358	66.64	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	234666	58.06	UG/L	99
72)	CHLOROBENZENE	7.042	112	935701	53.55	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	333249	57.18	UG/L	98
74)	ETHYLBENZENE	7.173	91	1565945	54.65	UG/L	99
75)	M/P-XYLENES	7.293	91	2274158	101.49	UG/L	100
76)	0-XYLENE	7.672	91	949910	39.24	UG/L	100
77)	STYRENE	7.692	104	780174	40.00	UG/L	100
78)	BROMOFORM	7.848	173	197931	33.57	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	953251	37.20	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	108621	34.16	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	397447	47.38	UG/L	98
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	104720	47.54	UG/L	96
83)	BROMOBENZENE	8.305	77	470570	38.89	UG/L	100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	297228	33.31	UG/L	98
85)	N-PROPYLBENZENE	8.450	91	1461279	29.20	UG/L	100
86)	2-CHLOROT0LUENE	8.512	91	837389	27.61	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1004294	42.08	UG/L	99
88)	4-CHLOROTOLUENE	8.620	91	1050906	45.81	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	1038769	50.80	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1311896	50.75	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	1412416	50.94	UG/L	99
93)	1,3-DICHLOROBENZENE	9.240	146	745529	49.83	UG/L	98
94)	P-ISOPROPYLTOLUENE	9.318	119	1191839	53.50	UG/L	99
95)	1,4-DICHLOROBENZENE	9.329	146	775220	50.71	UG/L	99
96)	N-BUTYLBENZENE	9.719	91	1047148	54.71	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	735254	53.00	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	58261	50.76	UG/L	97
99)	1,3,5-TRICHLOROBENZENE	10.665	180	485614	55.99	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	399197	53.50	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	164356	54.72	UG/L	100
102)	NAPHTHALENE	11.498	128	793281	50.05	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	330815	50.49	UG/L	100

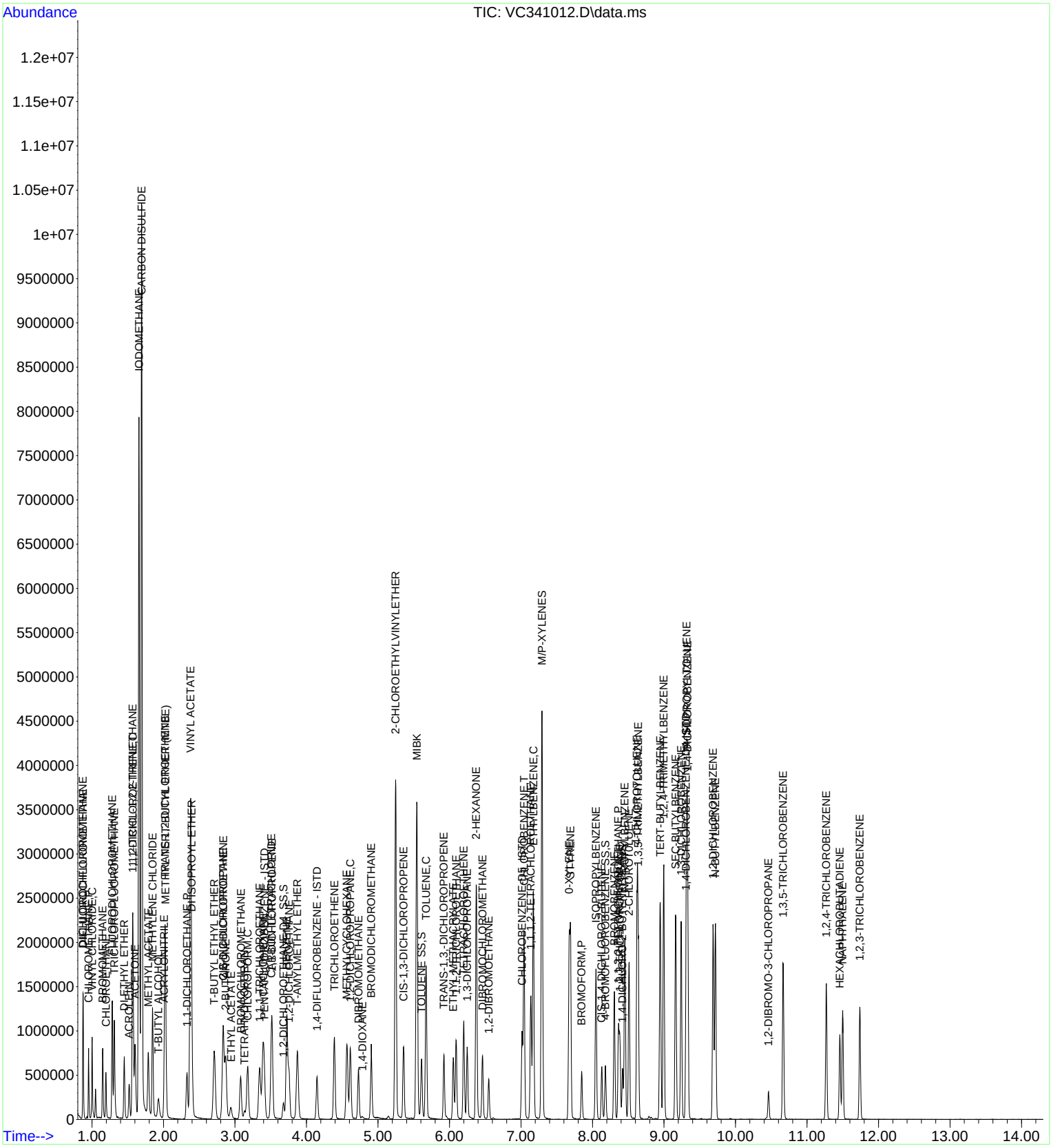
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

150

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	231667	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	330039	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	163361	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	204134	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	106209	23.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.36%				
49) TOLUENE SS	5.612	98	333954	25.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	133818	23.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	521637	93.35	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.876	51	740837	95.85	UG/L		97
5) CHLOROMETHANE	0.952	50	700450	96.51	UG/L		99
6) VINYL CHLORIDE	0.999	62	812838	111.60	UG/L		100
7) BROMOMETHANE	1.147	94	530064	149.71	UG/L		98
8) CHLOROETHANE	1.192	64	410938	95.08	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	1327703	121.52	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.309	101	1027601	118.23	UG/L		98
12) DI ETHYL ETHER	1.448	59	535147	122.72	UG/L		93
13) ACROLEIN	1.521	56	425013	1127.19	UG/L		99
14) ACETONE	1.601	43	1729817	1074.31	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	1061455	117.99	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	596569	119.82	UG/L		100
17) IODOMETHANE	1.654	142	11051088	1460.39	UG/L	#	100
20) METHYL ACETATE	1.788	43	1334332	104.94	UG/L		96
21) T-BUTYL ALCOHOL	1.933	59	603470	1442.88	UG/L	#	99
22) ACRYLONITRILE	2.011	53	223145	97.53	UG/L		97
23) METHYLENE CHLORIDE	1.847	49	915488	130.64	UG/L		87
24) CARBON DISULFIDE	1.688	76	13103071m	875.11	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.028	73	1569407	105.25	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	819580	97.75	UG/L		93
27) 1,1-DICHLOROETHANE	2.326	63	792590	103.49	UG/L		99
28) VINYL ACETATE	2.380	43	8177945	855.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.396	45	1396647	78.76	UG/L	#	89
31) 2-BUTANONE	2.870	43	1768317	886.01	UG/L		93
32) T-BUTYL ETHYL ETHER	2.709	59	1355407	88.51	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	708096	91.50	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	509480	100.17	UG/L		100
35) ETHYL ACETATE	2.946	43	346429	81.58	UG/L	#	98
38) BROMOCHLOROMETHANE	3.079	49	364614	82.06	UG/L	#	80
39) TETRAHYDROFURAN	3.132	42	105268	75.68	UG/L	#	81
40) CHLOROFORM	3.174	83	775505	94.29	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	723163	107.27	UG/L		98
42) CYCLOHEXANE	3.392	56	677584	90.26	UG/L		93
43) CARBON TETRACHLORIDE	3.509	117	626879	114.23	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	599772	108.07	UG/L		98
45) BENZENE	3.724	78	1707185	107.42	UG/L		96
47) T-AMYLMETHYL ETHER	3.871	73	1158916	114.89	UG/L		100
50) 1,2-DICHLOROETHANE	3.754	62	723004	95.20	UG/L		99
51) TRICHLOROETHENE	4.393	95	490868	106.15	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	632117	112.59	UG/L		91
53) 1,2-DICHLOROPROPANE	4.613	63	472494	104.80	UG/L		98
54) DIBROMOMETHANE	4.725	93	315228	109.77	UG/L		97
56) 1,4-DIOXANE	4.781	88	37846	1300.52	UG/L		96
57) BROMODICHLOROMETHANE	4.906	83	713744	117.51	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

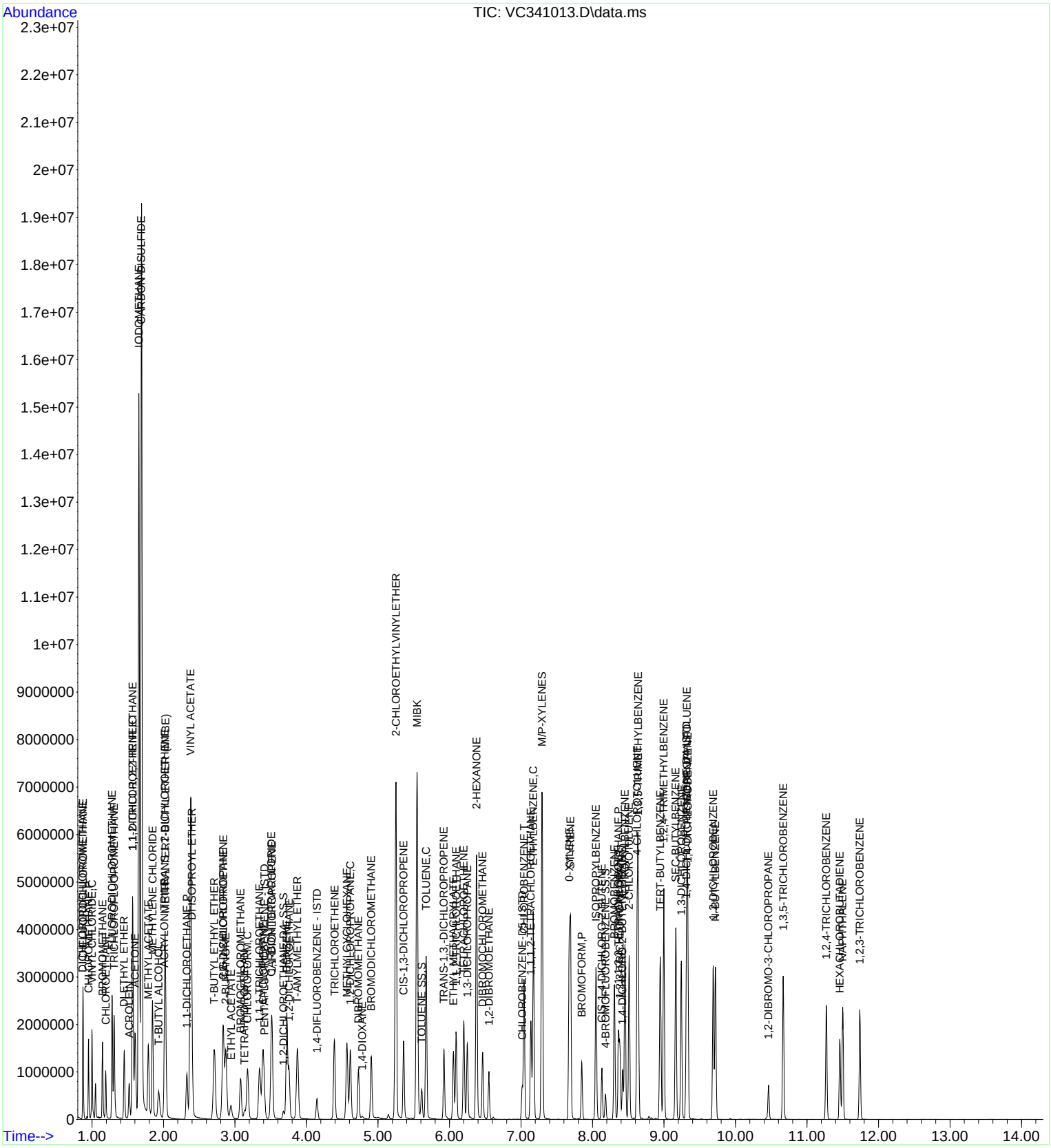
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.252	63	2842310	1142.11	UG/L		93
59)	MIBK	5.547	43	4316698	1044.14	UG/L	#	95
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	725202	119.08	UG/L		98
61)	TOLUENE	5.673	91	1999091	115.76	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	616216	138.18	UG/L		97
63)	ETHYL METHACRYLATE	6.055	69	572866	131.82	UG/L		89
64)	1,1,2-TRICHLOROETHANE	6.091	97	450190	120.90	UG/L		98
65)	2-HEXANONE	6.378	43	3054037	1204.06	UG/L		94
66)	TETRACHLOROETHENE	6.200	166	523592	113.26	UG/L		99
67)	1,3-DICHLOROPROPANE	6.250	76	712842	116.15	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.462	129	593235	134.01	UG/L		99
69)	1,2-DIBROMOETHANE	6.551	107	469668	119.90	UG/L		100
72)	CHLOROBENZENE	7.042	112	1317911	108.78	UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	493961	122.26	UG/L		100
74)	ETHYLBENZENE	7.170	91	2382585	119.93	UG/L		100
75)	M/P-XYLENES	7.293	91	3438873	221.36	UG/L		99
76)	0-XYLENE	7.675	91	1840956	109.70	UG/L		100
77)	STYRENE	7.692	104	1505716	111.34	UG/L		99
78)	BROMOFORM	7.851	173	440051	107.01	UG/L		100
79)	ISOPROPYLBENZENE	8.049	105	1811836	103.23	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	184459	83.30	UG/L		97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	706165	121.88	UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	179975	120.72	UG/L		99
83)	BROMOBENZENE	8.305	77	938698	113.17	UG/L		100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	504826	81.13	UG/L		99
85)	N-PROPYLBENZENE	8.453	91	2518564	71.92	UG/L		99
86)	2-CHLOROT0LUENE	8.512	91	1583453	74.54	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1990249	121.34	UG/L		100
88)	4-CHLOROTOLUENE	8.623	91	1887488	120.17	UG/L		100
90)	TERT-BUTYLBENZENE	8.947	119	1552894	96.70	UG/L		99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1995508	98.30	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	2308794	106.04	UG/L		100
93)	1,3-DICHLOROBENZENE	9.242	146	1136706	96.76	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.320	119	1865249	106.63	UG/L		99
95)	1,4-DICHLOROBENZENE	9.334	146	1212842	101.02	UG/L		99
96)	N-BUTYLBENZENE	9.719	91	1497572	99.95	UG/L		100
97)	1,2-DICHLOROBENZENE	9.689	146	1093102	100.35	UG/L		100
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	137734	155.30	UG/L		98
99)	1,3,5-TRICHLOROBENZENE	10.667	180	812659	119.71	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.270	180	659474	110.81	UG/L		100
101)	HEXACHLOROBUTADIENE	11.459	225	291203	123.47	UG/L		99
102)	NAPHTHALENE	11.498	128	1523176	120.52	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	604393	116.55	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	383883	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	553491	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	270248	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	275794	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	183366	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
49) TOLUENE SS	5.614	98	561466	25.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	207829	22.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.40%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	831850	89.83	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.876	51	1207046	94.24	UG/L	97
5) CHLOROMETHANE	0.952	50	1044846	86.88	UG/L	100
6) VINYL CHLORIDE	1.002	62	1296771	107.44	UG/L	100
7) BROMOMETHANE	1.144	94	882095	150.36	UG/L	100
8) CHLOROETHANE	1.192	64	674969	94.25	UG/L	100
9) FLUORODICHLOROMETHANE	1.281	67	2245306	124.02	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.309	101	1785240	123.95	UG/L	100
12) DI ETHYL ETHER	1.451	59	901358	124.74	UG/L	94
13) ACROLEIN	1.521	56	797073	1275.73	UG/L	100
14) ACETONE	1.604	43	2773958	1039.67	UG/L	94
15) 1,1-DICHLOROETHENE	1.568	61	1836803	123.21	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	1059864	128.47	UG/L	100
17) IODOMETHANE	1.649	142	14271852m	1137.77	UG/L	
20) METHYL ACETATE	1.788	43	2193693	104.12	UG/L	95
21) T-BUTYL ALCOHOL	1.931	59	922264	1330.75	UG/L	98
22) ACRYLONITRILE	2.009	53	482980	127.39	UG/L	98
23) METHYLENE CHLORIDE	1.847	49	1598729	137.90	UG/L	89
24) CARBON DISULFIDE	1.685	76	15695199m	632.59	UG/L	
25) METHYL TERT-BUTYL ETHE...	2.028	73	3409299	137.98	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	1845481	132.83	UG/L	95
27) 1,1-DICHLOROETHANE	2.327	63	2260716	179.53	UG/L	99
28) VINYL ACETATE	2.374	43	18972095m	1197.55	UG/L	
29) DI ISOPROYL ETHER	2.396	45	4081386	138.90	UG/L	92
31) 2-BUTANONE	2.873	43	4976870	1504.87	UG/L	94
32) T-BUTYL ETHYL ETHER	2.711	59	4117667	162.28	UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.837	61	2100884	163.82	UG/L	96
34) 2,2-DICHLOROPROPANE	2.834	77	1467133	174.07	UG/L	98
35) ETHYL ACETATE	2.943	43	967578	137.90	UG/L	95
38) BROMOCHLOROMETHANE	3.077	49	1113930	151.30	UG/L	90
39) TETRAHYDROFURAN	3.135	42	318126	138.02	UG/L	90
40) CHLOROFORM	3.177	83	2194149	160.99	UG/L	99
41) 1,1,1-TRICHLOROETHANE	3.347	97	1953902	174.90	UG/L	98
42) CYCLOHEXANE	3.392	56	2032918	163.43	UG/L	94
43) CARBON TETRACHLORIDE	3.509	117	1651110	181.57	UG/L	99
44) 1,1-DICHLOROPROPENE	3.520	75	1662644	181.59	UG/L	99
45) BENZENE	3.726	78	4575944	173.76	UG/L	97
47) T-AMYLMETHYL ETHER	3.874	73	2987177	178.72	UG/L	100
50) 1,2-DICHLOROETHANE	3.757	62	1842244	144.65	UG/L	98
51) TRICHLOROETHENE	4.390	95	1262300	162.77	UG/L	99
52) METHYLCYCLOHEXANE	4.569	83	1746234	185.46	UG/L	93
53) 1,2-DICHLOROPROPANE	4.613	63	1299561	171.87	UG/L	97
54) DIBROMOMETHANE	4.725	93	800325	166.18	UG/L	99
56) 1,4-DIOXANE	4.778	88	91003	1889.69	UG/L	91
57) BROMODICHLOROMETHANE	4.906	83	1796522	176.37	UG/L	99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

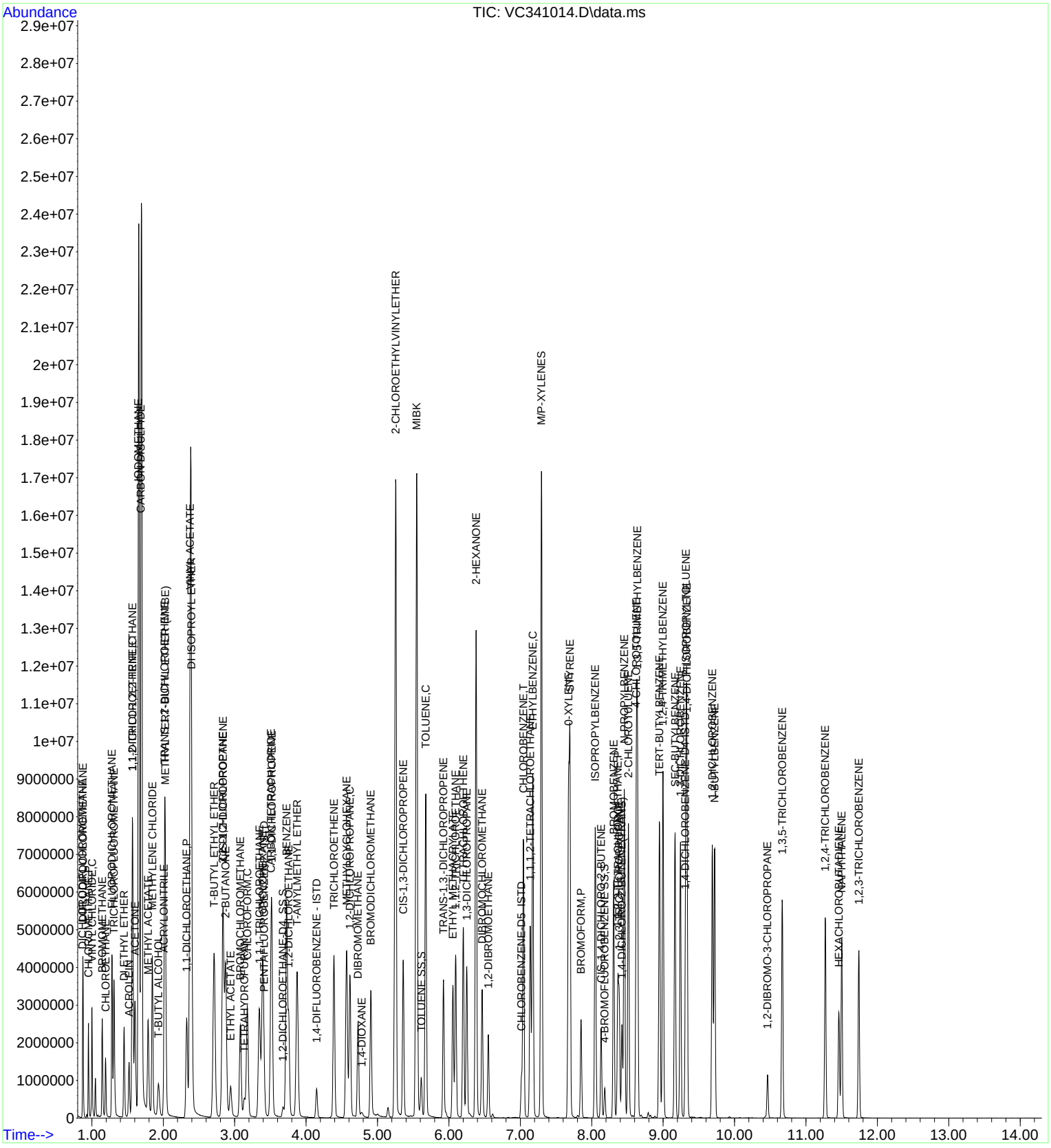
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.255	63	7241807	1735.15	UG/L	91
59)	MIBK	5.547	43	10297668	1485.25	UG/L	95
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	1895197	185.56	UG/L	100
61)	TOLUENE	5.676	91	5062894	174.81	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	1595003	213.27	UG/L	98
63)	ETHYL METHACRYLATE	6.055	69	1443636	198.09	UG/L	89
64)	1,1,2-TRICHLOROETHANE	6.094	97	1120391	179.42	UG/L	98
65)	2-HEXANONE	6.381	43	7172270	1686.10	UG/L	92
66)	TETRACHLOROETHENE	6.203	166	1261100	162.67	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	1833857	178.17	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.465	129	1458168	196.41	UG/L	100
69)	1,2-DIBROMOETHANE	6.551	107	1121573	170.73	UG/L	100
72)	CHLOROBENZENE	7.042	112	3241284	161.72	UG/L	100
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	1217776	182.19	UG/L	99
74)	ETHYLBENZENE	7.176	91	5637728	171.54	UG/L	100
75)	M/P-XYLENES	7.296	91	8517290	331.42	UG/L	99
76)	0-XYLENE	7.675	91	4393749	158.26	UG/L	100
77)	STYRENE	7.695	104	3639123	162.66	UG/L	98
78)	BROMOFORM	7.851	173	1004037	147.48	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	4474159	154.44	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	424284	115.72	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.367	83	1402609	146.39	UG/L	100
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	411165	167.45	UG/L	97
83)	BROMOBENZENE	8.308	77	2066917	150.86	UG/L	98
84)	1,2,3-TRICHLOROPROPANE	8.386	75	1064064	103.27	UG/L	99
85)	N-PROPYLBENZENE	8.456	91	5951559	102.54	UG/L	99
86)	2-CHLOROT0LUENE	8.515	91	3682779	104.62	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	4214011	155.46	UG/L	100
88)	4-CHLOROTOLUENE	8.623	91	4179571	161.16	UG/L	100
90)	TERT-BUTYLBENZENE	8.947	119	3366030	155.15	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	4261215	155.37	UG/L	99
92)	SEC-BUTYLBENZENE	9.167	105	4584629	155.85	UG/L	99
93)	1,3-DICHLOROBENZENE	9.242	146	2472524	155.78	UG/L	100
94)	P-ISOPROPYLTOLUENE	9.320	119	3864379	163.52	UG/L	100
95)	1,4-DICHLOROBENZENE	9.334	146	2531656	156.08	UG/L	99
96)	N-BUTYLBENZENE	9.722	91	3432975	169.87	UG/L	99
97)	1,2-DICHLOROBENZENE	9.689	146	2405212	163.43	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	225384	188.36	UG/L	96
99)	1,3,5-TRICHLOROBENZENE	10.667	180	1605607	175.21	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	1403401	173.64	UG/L	100
101)	HEXACHLOROBUTADIENE	11.462	225	512621	160.87	UG/L	99
102)	NAPHTHALENE	11.501	128	3053083	178.18	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	1181827	168.38	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC353004.D	Calibration Date:	12/07/11 00:00
Sequence:	S001578	Injection Date:	12/19/11
Lab Sample ID:	S001578-CCV1	Injection Time:	07:35

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	80.9	0.1614669	0.1305858		-19.1	20	
Acrylonitrile	A	10.0	8.58	0.2628468	0.2254492		-14.2	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.6	1.273677	1.356381		6.5	20	
Benzene	A	10.0	12.0	2.134214	2.564184		20.1	20	*
Bromobenzene	A	10.0	11.2	1.37381	1.540965		12.2	20	
Bromochloromethane	A	10.0	11.1	0.5012127	0.554113		10.6	20	
Bromodichloromethane	L	10.0	9.97	0.5645274	0.6284882		-0.3	20	
Bromoform	A	10.0	11.2	0.4866712	0.5433327		11.6	20	
Bromomethane	L	10.0	9.30	0.6502824	0.5487831		-7.0	20	
2-Butanone (MEK)	A	100	109	0.2092159	0.2270796		8.5	20	
tert-Butyl Alcohol (TBA)	A	100	94.5	4.223223E-02	3.989226E-02		-5.5	20	
n-Butylbenzene	L	10.0	10.3	2.024433	2.606645		3.1	20	
sec-Butylbenzene	A	10.0	10.9	3.255788	3.539101		8.7	20	
tert-Butylbenzene	A	10.0	11.0	2.321322	2.550741		9.9	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.5	1.753296	1.83771		4.8	20	
Carbon Disulfide	L	100	106	1.661109	2.097698		5.6	20	
Carbon Tetrachloride	A	10.0	11.6	0.6953856	0.8070038		16.1	20	
Chlorobenzene	A	10.0	11.2	2.236097	2.503572		12.0	20	
Chlorodibromomethane	A	10.0	12.7	0.372674	0.4736837		27.1	20	*
Chloroethane	A	10.0	9.18	0.4455245	0.4091253		-8.2	20	
Chloroform	A	10.0	11.8	1.024886	1.213938		18.4	20	
Chloromethane	A	10.0	10.0	0.7216897	0.7238534		0.3	20	
2-Chlorotoluene	A	10.0	12.0	2.358593	2.831123		20.0	20	
4-Chlorotoluene	A	10.0	11.4	2.778829	3.176726		14.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC353004.D	Calibration Date:	12/07/11 00:00
Sequence:	S001578	Injection Date:	12/19/11
Lab Sample ID:	S001578-CCV1	Injection Time:	07:35

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	8.28	0.1229792	0.1132243		-17.2	20	
1,2-Dibromoethane (EDB)	A	10.0	11.2	0.3621682	0.4067786		12.3	20	
Dibromomethane	A	10.0	11.4	0.2645882	0.300964		13.7	20	
1,2-Dichlorobenzene	A	10.0	10.9	1.65366	1.795191		8.6	20	
1,3-Dichlorobenzene	A	10.0	11.1	1.699502	1.883096		10.8	20	
1,4-Dichlorobenzene	A	10.0	11.0	1.730563	1.909002		10.3	20	
trans-1,4-Dichloro-2-butene	A	10.0	10.9	0.1768173	0.1927486		9.0	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	13.7	0.6822418	0.9322413		36.6	20	*
1,1-Dichloroethane	A	10.0	11.0	1.115459	1.221207		9.5	20	
1,2-Dichloroethane	A	10.0	10.5	0.6364561	0.6696052		5.2	20	
1,1-Dichloroethylene	L	10.0	8.12	1.071353	0.9719397		-18.8	20	
cis-1,2-Dichloroethylene	A	10.0	11.5	0.9550192	1.100521		15.2	20	
trans-1,2-Dichloroethylene	A	10.0	10.2	1.005576	1.021616		1.6	20	
1,2-Dichloropropane	A	10.0	11.3	0.4035074	0.4550626		12.8	20	
1,3-Dichloropropane	A	10.0	11.8	0.5752358	0.6774638		17.8	20	
2,2-Dichloropropane	A	10.0	12.3	0.5802999	0.713057		22.9	20	*
1,1-Dichloropropene	A	10.0	12.0	0.7645043	0.9173705		20.0	20	
cis-1,3-Dichloropropene	A	10.0	11.9	0.5083759	0.6056986		19.1	20	
trans-1,3-Dichloropropene	A	10.0	12.1	0.388793	0.4701783		20.9	20	*
Diethyl Ether	A	10.0	8.50	0.5148191	0.4377407		-15.0	20	
Diisopropyl Ether (DIPE)	A	10.0	9.47	1.968366	1.864435		-5.3	20	
1,4-Dioxane	A	100	121	3.036147E-03	3.665948E-03		20.7	20	*
Ethylbenzene	A	10.0	11.5	3.724122	4.285205		15.1	20	
Hexachlorobutadiene	L	10.0	11.3	0.3565245	0.4442306		12.6	20	
2-Hexanone (MBK)	A	100	110	0.200032	0.2197826		9.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC353004.D	Calibration Date:	12/07/11 00:00
Sequence:	S001578	Injection Date:	12/19/11
Lab Sample ID:	S001578-CCV1	Injection Time:	07:35

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	11.7	2.79466	3.272053		17.1	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	11.4	2.586133	2.939674		13.7	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.42	1.786272	1.682321		-5.8	20	
Methylene Chloride	A	10.0	8.98	1.15993	1.041714		-10.2	20	
4-Methyl-2-pentanone (MIBK)	A	100	104	0.3269849	0.3403685		4.1	20	
Naphthalene	L	10.0	9.34	1.319631	1.019869		-6.6	20	
n-Propylbenzene	A	10.0	12.0	3.72859	4.489964		20.4	20	*
Styrene	A	10.0	11.6	2.238429	2.592428		15.8	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.8	0.7555013	0.8200218		8.5	20	
1,1,2,2-Tetrachloroethane	A	10.0	11.3	0.8842666	0.9977531		12.8	20	
Tetrachloroethylene	A	10.0	11.4	0.4403607	0.5004382		13.6	20	
Tetrahydrofuran	A	10.0	9.47	0.1368709	0.1296802		-5.3	20	
Toluene	A	10.0	11.3	1.715396	1.942611		13.2	20	
1,2,3-Trichlorobenzene	L	10.0	9.75	0.5966709	0.5703651		-2.5	20	
1,2,4-Trichlorobenzene	L	10.0	9.32	0.6405135	0.7310056		-6.8	20	
1,3,5-Trichlorobenzene	L	10.0	9.49	0.8922156	1.110307		-5.1	20	
1,1,1-Trichloroethane	A	10.0	11.8	0.8309621	0.9816101		18.1	20	
1,1,2-Trichloroethane	A	10.0	10.7	0.3744895	0.4009237		7.1	20	
Trichloroethylene	A	10.0	11.5	0.4215348	0.4848251		15.0	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.8	0.926608	1.005175		8.5	20	
1,2,3-Trichloropropane	A	10.0	10.9	0.6611642	0.7225629		9.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	L	10.0	8.66	0.5908211	0.575003		-13.4	20	
1,2,4-Trimethylbenzene	A	10.0	11.3	2.85258	3.231581		13.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC353004.D	Calibration Date:	12/07/11 00:00
Sequence:	S001578	Injection Date:	12/19/11
Lab Sample ID:	S001578-CCV1	Injection Time:	07:35

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	11.6	2.746335	3.179081		15.8	20
Vinyl Chloride	A	10.0	10.4	0.8369604	0.8691005		3.8	20
m+p Xylene	A	20.0	22.6	2.88165	3.260075		13.1	20
o-Xylene	A	10.0	11.7	2.832473	3.326582		17.4	20
1,2-Dichloroethane-d4	A	25.0	23.4	0.5631325	0.5282043		-6.2	
Toluene-d8	A	25.0	25.0	1.205274	1.206077		0.07	
4-Bromofluorobenzene	A	25.0	25.6	0.8849197	0.9080812		2.6	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353004.D Vial: 4
Acq On : 19 Dec 2011 7:35 am Operator:
Sample : 8260 STD 10PPB/BFB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:35:23 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	439589	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	633315	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.011	82	322228	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	317423	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.673	65	193494	23.45	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.80%				
49) TOLUENE SS	5.606	98	636522	25.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.08%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	243841	25.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.60%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	136601	13.66	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	142073	11.12	UG/L		100
5) CHLOROMETHANE	0.952	50	106066	10.03	UG/L		98
6) VINYL CHLORIDE	0.999	62	127349	10.38	UG/L		99
7) BROMOMETHANE	1.147	94	80413	9.30	UG/L		99
8) CHLOROETHANE	1.194	64	59949	9.18	UG/L		95
9) FLUORODICHLOROMETHANE	1.281	67	177314	8.03	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	147288	10.85	UG/L		100
11) ETHANOL	1.401	45	6757m	83.78	UG/L		
12) DI ETHYL ETHER	1.448	59	64142	8.50	UG/L		93
13) ACROLEIN	1.515	56	8346	24.62	UG/L		84
14) ACETONE	1.599	43	191347	80.87	UG/L		94
15) 1,1-DICHLOROETHENE	1.568	61	142418	8.12	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	84255	8.66	UG/L		99
17) IODOMETHANE	1.654	142	1461343	86.06	UG/L	#	100
20) METHYL ACETATE	1.786	43	218170	11.90	UG/L	#	90
21) T-BUTYL ALCOHOL	1.922	59	58454	94.46	UG/L	#	84
22) ACRYLONITRILE	2.009	53	33035	8.58	UG/L		97
23) METHYLENE CHLORIDE	1.844	49	152642	8.98	UG/L	#	81
24) CARBON DISULFIDE	1.691	76	3073750	105.65	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	246510	9.42	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	149697	10.16	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	178943	10.95	UG/L		99
28) VINYL ACETATE	2.374	43	1254194	70.91	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	273195	9.47	UG/L		95
31) 2-BUTANONE	2.868	43	332739	108.54	UG/L		94
32) T-BUTYL ETHYL ETHER	2.711	59	269279	10.48	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.834	61	161259	11.52	UG/L		93
34) 2,2-DICHLOROPROPANE	2.834	77	104484	12.29	UG/L		100
35) ETHYL ACETATE	2.943	43	25187	2.46	UG/L	#	85
38) BROMOCHLOROMETHANE	3.074	49	81194	11.06	UG/L		88
39) TETRAHYDROFURAN	3.132	42	19002	9.47	UG/L		95
40) CHLOROFORM	3.171	83	177878	11.84	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.339	97	143835	11.81	UG/L		100
42) CYCLOHEXANE	3.392	56	147348	11.26	UG/L		89
43) CARBON TETRACHLORIDE	3.509	117	118250	11.61	UG/L		99
44) 1,1-DICHLOROPROPENE	3.514	75	134422	12.00	UG/L		99
45) BENZENE	3.724	78	375729	12.01	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	198750	10.65	UG/L		95
50) 1,2-DICHLOROETHANE	3.754	62	141357	10.52	UG/L		98
51) TRICHLOROETHENE	4.387	95	102349	11.50	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	126046	11.28	UG/L	#	87
53) 1,2-DICHLOROPROPANE	4.610	63	96066	11.28	UG/L	#	97
54) DIBROMOMETHANE	4.722	93	63535	11.37	UG/L		98
56) 1,4-DIOXANE	4.772	88	7739m	120.74	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353004.D Vial: 4
Acq On : 19 Dec 2011 7:35 am Operator:
Sample : 8260 STD 10PPB/BFB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:35:23 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

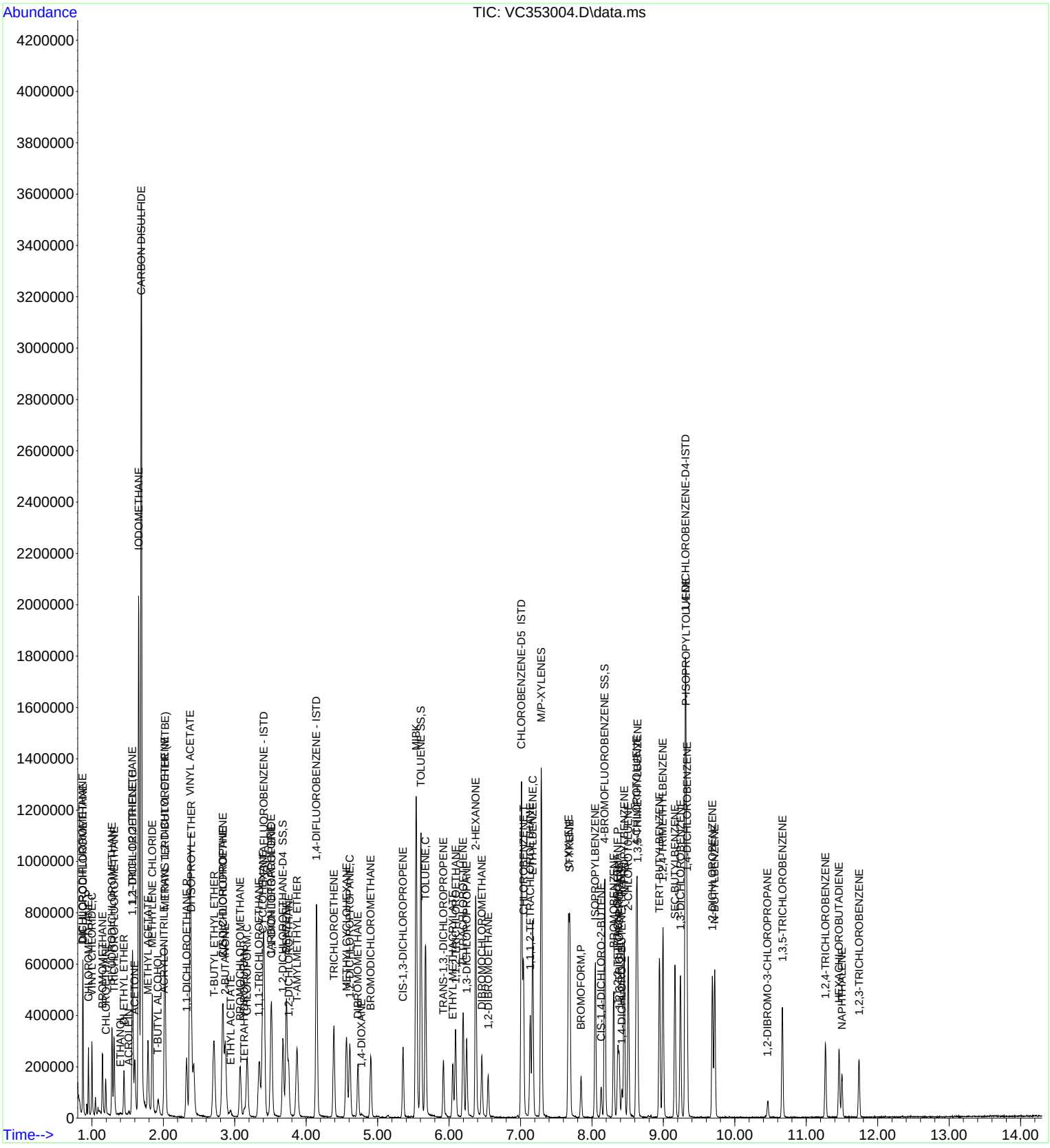
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.900	83	132677	9.97	UG/L	99
59)	MIBK	5.539	43	718535	104.09	UG/L	97
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	127866	11.91	UG/L	99
61)	TOLUENE	5.667	91	410095	11.32	UG/L	99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	99257	12.09	UG/L	99
63)	ETHYL METHACRYLATE	6.049	69	90105	9.21	UG/L	90
64)	1,1,2-TRICHLOROETHANE	6.091	97	84637	10.71	UG/L	98
65)	2-HEXANONE	6.373	43	463972	109.87	UG/L	95
66)	TETRACHLOROETHENE	6.197	166	105645	11.36	UG/L	100
67)	1,3-DICHLOROPROPANE	6.247	76	143016	11.78	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.459	129	99997	12.71	UG/L	98
69)	1,2-DIBROMOETHANE	6.549	107	85873	11.23	UG/L	100
72)	CHLOROBENZENE	7.042	112	268907	11.20	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	88078	10.85	UG/L	99
74)	ETHYLBENZENE	7.170	91	460271	11.51	UG/L	99
75)	M/P-XYLENES	7.290	91	700325	22.63	UG/L	99
76)	0-XYLENE	7.672	91	357306	11.74	UG/L	100
77)	STYRENE	7.689	104	278451	11.58	UG/L	98
78)	BROMOFORM	7.848	173	58359	11.16	UG/L	98
79)	ISOPROPYLBENZENE	8.046	105	351449	11.71	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	22327	8.99	UG/L	84
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	107168	11.28	UG/L	97
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	20703	10.90	UG/L	92
83)	BROMOBENZENE	8.305	77	165514	11.22	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.383	75	77610	10.93	UG/L	98
85)	N-PROPYLBENZENE	8.453	91	482264	12.04	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	304089	12.00	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	341463	11.58	UG/L	99
88)	4-CHLOROTOLUENE	8.623	91	341210	11.43	UG/L	99
90)	TERT-BUTYLBENZENE	8.944	119	269888	10.99	UG/L	100
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	341926	11.33	UG/L	99
92)	SEC-BUTYLBENZENE	9.161	105	374464	10.87	UG/L	98
93)	1,3-DICHLOROBENZENE	9.240	146	199246	11.08	UG/L	100
94)	P-ISOPROPYLTOLUENE	9.318	119	311040	11.37	UG/L	99
95)	1,4-DICHLOROBENZENE	9.332	146	201987	11.03	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	275803	10.31	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	189945	10.86	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.458	75	11980	8.28	UG/L	97
99)	1,3,5-TRICHLOROBENZENE	10.667	180	117479	9.49	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.270	180	77346	9.32	UG/L	98
101)	HEXACHLOROBUTADIENE	11.459	225	47003	11.26	UG/L	99
102)	NAPHTHALENE	11.501	128	107910	9.34	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	60349	9.75	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121911\VC353004.D
Acq On : 19 Dec 2011 7:35 am
Sample : 8260 STD 10PPB/BFB
Misc :
Quant Time: Dec 19 10:35:23 2011

Vial: 4
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001578	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001578-CCV1)			*Lab File ID: VC353004.D*			*Analyzed: 12/19/11 07:35*			
Pentafluorobenzene	439589	3.406	335223	3.411	131	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	633315	4.142	361786	4.148	175	50 - 200	-0.0060	+/-0.50	
Chlorobenzene-d5	322228	7.011	168011	7.012	192	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	317423	9.309	169748	9.309	187	50 - 200	0.0000	+/-0.50	
LCS (B043044-BS1)			*Lab File ID: VC353006.D*			*Analyzed: 12/19/11 08:39*			
Pentafluorobenzene	433088	3.41	439589	3.406	99	50 - 200	0.0040	+/-0.50	
1,4-Difluorobenzene	643586	4.14	633315	4.142	102	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	321287	7.01	322228	7.011	100	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	327729	9.31	317423	9.309	103	50 - 200	0.0010	+/-0.50	
LCS Dup (B043044-BSD1)			*Lab File ID: VC353007.D*			*Analyzed: 12/19/11 09:10*			
Pentafluorobenzene	466650	3.41	439589	3.406	106	50 - 200	0.0040	+/-0.50	
1,4-Difluorobenzene	679684	4.14	633315	4.142	107	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	342488	7.01	322228	7.011	106	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	352357	9.31	317423	9.309	111	50 - 200	0.0010	+/-0.50	
Blank (B043044-BLK1)			*Lab File ID: VC353009.D*			*Analyzed: 12/19/11 10:10*			
Pentafluorobenzene	442260	3.41	439589	3.406	101	50 - 200	0.0040	+/-0.50	
1,4-Difluorobenzene	637749	4.14	633315	4.142	101	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	319893	7.01	322228	7.011	99	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	302035	9.31	317423	9.309	95	50 - 200	0.0010	+/-0.50	
TB-120811 (11L0394-01)			*Lab File ID: VC353011.D*			*Analyzed: 12/19/11 11:12*			
Pentafluorobenzene	440786	3.409	439589	3.406	100	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	637793	4.145	633315	4.142	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	320534	7.014	322228	7.011	99	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	296522	9.307	317423	9.309	93	50 - 200	-0.0020	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001578	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW21-100 (11L0394-02)			*Lab File ID: VC353012.D*			*Analyzed: 12/19/11 11:42*			
Pentafluorobenzene	444894	3.411	439589	3.406	101	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	661286	4.145	633315	4.142	104	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	329907	7.014	322228	7.011	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	309730	9.307	317423	9.309	98	50 - 200	-0.0020	+/-0.50	
PW21-125 (11L0394-03)			*Lab File ID: VC353013.D*			*Analyzed: 12/19/11 12:13*			
Pentafluorobenzene	431672	3.409	439589	3.406	98	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	636091	4.145	633315	4.142	100	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	319234	7.012	322228	7.011	99	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	304423	9.307	317423	9.309	96	50 - 200	-0.0020	+/-0.50	
PW21-150 (11L0394-04)			*Lab File ID: VC353014.D*			*Analyzed: 12/19/11 12:44*			
Pentafluorobenzene	442122	3.411	439589	3.406	101	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	646148	4.145	633315	4.142	102	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	325072	7.011	322228	7.011	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	312000	9.306	317423	9.309	98	50 - 200	-0.0030	+/-0.50	
PW21-175 (11L0394-05)			*Lab File ID: VC353015.D*			*Analyzed: 12/19/11 13:15*			
Pentafluorobenzene	442275	3.411	439589	3.406	101	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	646974	4.145	633315	4.142	102	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	324013	7.012	322228	7.011	101	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	300553	9.309	317423	9.309	95	50 - 200	0.0000	+/-0.50	
Matrix Spike (B043044-MS1)			*Lab File ID: VC353016.D*			*Analyzed: 12/19/11 13:46*			
Pentafluorobenzene	447340	3.406	439589	3.406	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	658092	4.145	633315	4.142	104	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	333983	7.014	322228	7.011	104	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	341694	9.306	317423	9.309	108	50 - 200	-0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001578	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (B043044-MSD1)			*Lab File ID: VC353017.D*			*Analyzed: 12/19/11 14:17*			
Pentafluorobenzene	423468	3.411	439589	3.406	96	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	606799	4.145	633315	4.142	96	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	309828	7.014	322228	7.011	96	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	314844	9.307	317423	9.309	99	50 - 200	-0.0020	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BLK1	File ID:	VC353009.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 10:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

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Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BLK1	File ID:	VC353009.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 10:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

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Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BLK1	File ID:	VC353009.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 10:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353009.D Vial: 9
Acq On : 19 Dec 2011 10:10 am Operator:
Sample : B0-BLK1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:56:25 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	442260	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	637749	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	319893	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	302035	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	198328	23.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%			
49) TOLUENE SS	5.606	98	643410	25.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	245338	26.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.00%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	2465m	1.04	UG/L	
17) IODOMETHANE	1.669	142	6482	11.27	UG/L	# 100
35) ETHYL ACETATE	2.940	43	1207	Below Cal		# 68

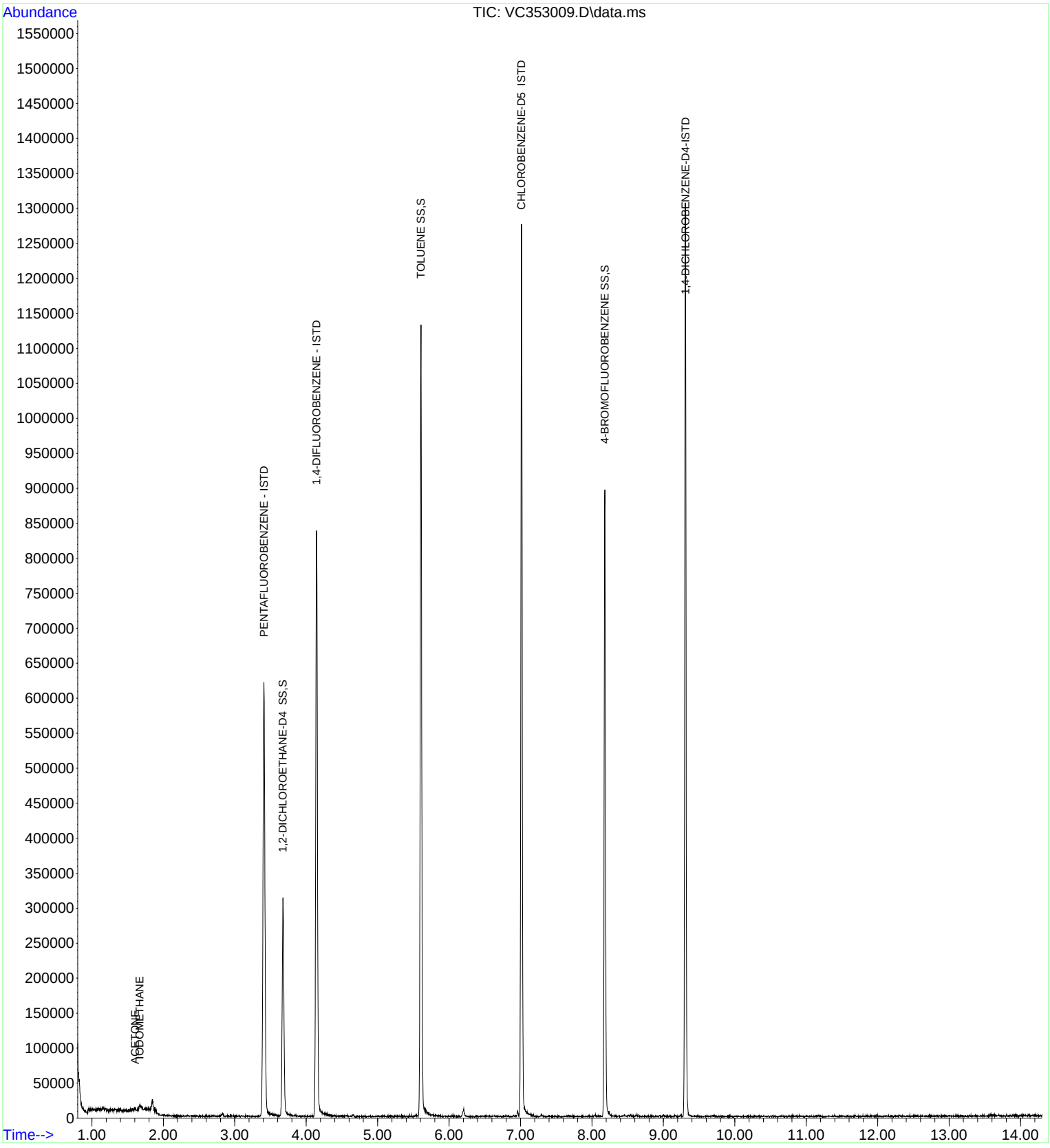
(#) = qualifier out of range (m) = manual integration (+) = signals summed

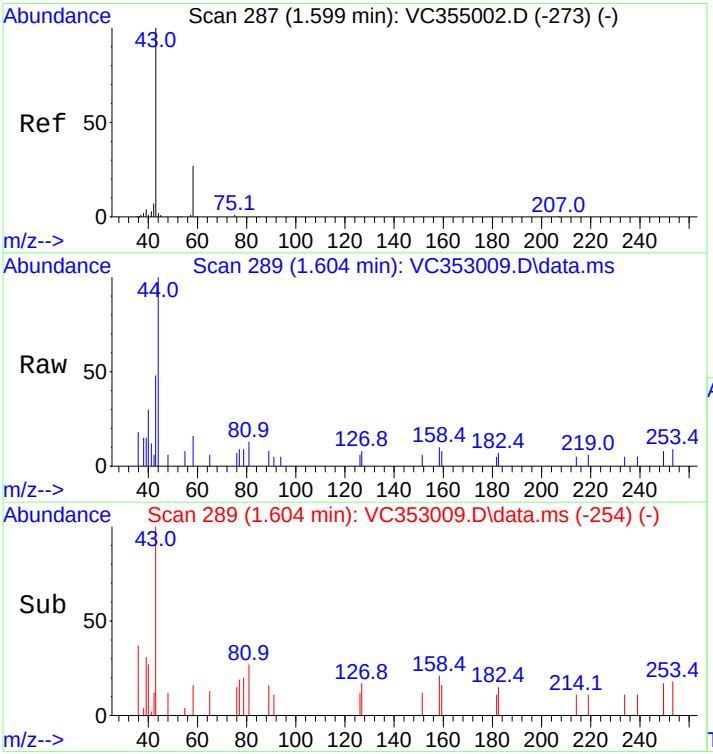
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353009.D
Acq On : 19 Dec 2011 10:10 am
Sample : B0-BLK1
Misc :
Quant Time: Dec 19 14:56:25 2011

Vial: 9
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

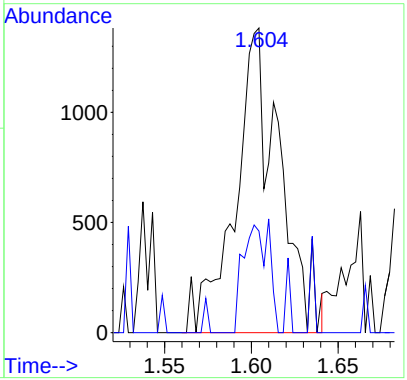


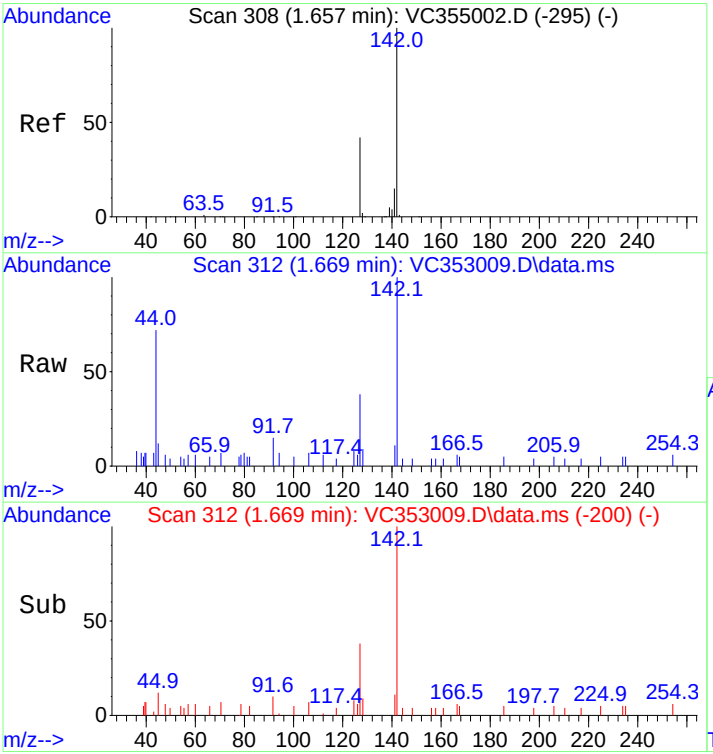


#14
ACETONE
Concen: 1.04 UG/L m
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353009.D
Acq: 19 Dec 2011 10:10 am

Tgt Ion: 43 Resp: 2465

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

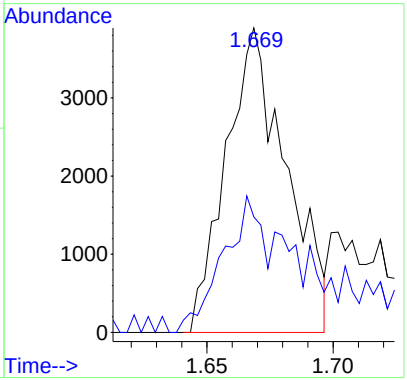


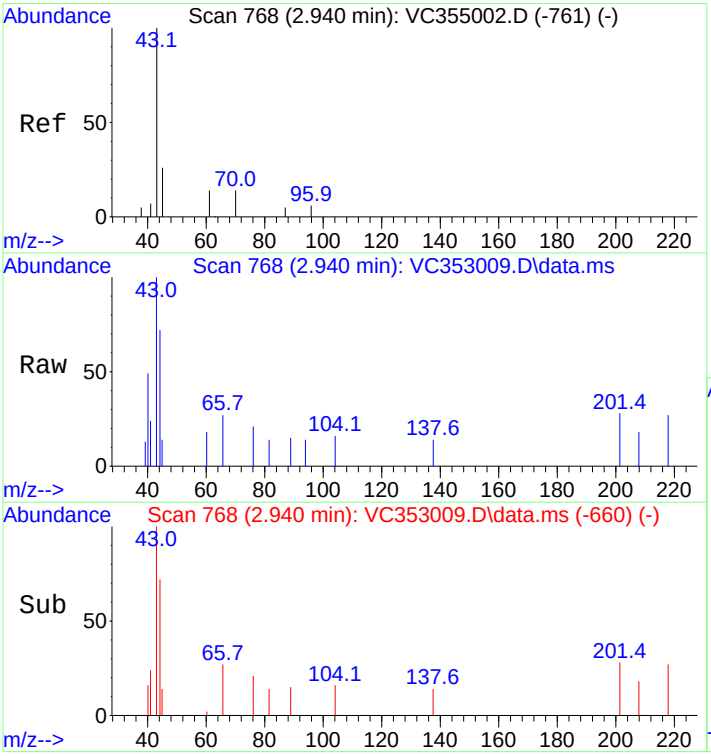


#17
IODOMETHANE
Concen: 11.27 UG/L
RT: 1.669 min Scan# 312
Delta R.T. 0.012 min
Lab File: VC353009.D
Acq: 19 Dec 2011 10:10 am

Tgt Ion:142 Resp: 6482

Ion	Ratio	Lower	Upper
142	100		
127	29.4	0.0	0.0#

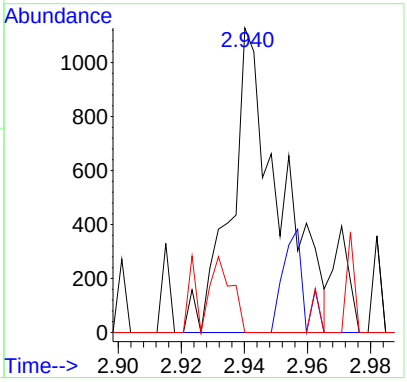




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.940 min Scan# 768
Delta R.T. 0.000 min
Lab File: VC353009.D
Acq: 19 Dec 2011 10:10 am

Tgt Ion: 43 Resp: 1207

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BS1	File ID:	VC353006.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 08:39
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	88.2	0.54	50	
107-13-1	Acrylonitrile	9.09	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.4	0.11	0.50	
71-43-2	Benzene	12.6	0.050	1.0	V-20
108-86-1	Bromobenzene	11.4	0.10	1.0	
74-97-5	Bromochloromethane	11.0	0.10	1.0	
75-27-4	Bromodichloromethane	9.56	0.080	0.50	
75-25-2	Bromoform	12.0	0.25	1.0	
74-83-9	Bromomethane	5.81	0.38	2.0	
78-93-3	2-Butanone (MEK)	108	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	96.9	3.5	20	V-16
104-51-8	n-Butylbenzene	9.91	0.050	1.0	
135-98-8	sec-Butylbenzene	10.6	0.050	1.0	
98-06-6	tert-Butylbenzene	11.0	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.3	0.070	0.50	
75-15-0	Carbon Disulfide	14.1	0.050	4.0	L-07
56-23-5	Carbon Tetrachloride	11.8	0.090	5.0	
108-90-7	Chlorobenzene	11.6	0.050	1.0	
124-48-1	Chlorodibromomethane	12.4	0.12	0.50	V-20
75-00-3	Chloroethane	8.69	0.33	2.0	
67-66-3	Chloroform	12.5	0.040	2.0	
74-87-3	Chloromethane	8.68	0.13	2.0	
95-49-8	2-Chlorotoluene	12.2	0.050	1.0	
106-43-4	4-Chlorotoluene	11.9	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.94	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.8	0.14	0.50	

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ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BS1	File ID:	VC353006.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 08:39
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.7	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.0	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.1	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	11.1	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	10.6	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.02	0.040	2.0	V-20
75-34-3	1,1-Dichloroethane	11.2	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.7	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.85	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.2	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.3	0.20	1.0	
142-28-9	1,3-Dichloropropane	12.1	0.080	0.50	
594-20-7	2,2-Dichloropropane	12.0	0.13	1.0	V-20
563-58-6	1,1-Dichloropropene	12.3	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	12.3	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	13.2	0.12	0.50	L-07, V-20
60-29-7	Diethyl Ether	8.88	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.76	0.030	0.50	
123-91-1	1,4-Dioxane	130	3.5	50	V-16, V-20
100-41-4	Ethylbenzene	11.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.6	0.26	0.50	
591-78-6	2-Hexanone (MBK)	102	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	14.0	0.060	1.0	L-07, V-20
99-87-6	p-Isopropyltoluene (p-Cymene)	11.5	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.74	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BS1	File ID:	VC353006.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 08:39
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	6.75	2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)	97.4	0.22	10	
91-20-3	Naphthalene	9.61	0.21	2.0	
103-65-1	n-Propylbenzene	12.3	0.040	1.0	
100-42-5	Styrene	12.5	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.3	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.8	0.18	0.50	
127-18-4	Tetrachloroethylene	11.6	0.14	1.0	
109-99-9	Tetrahydrofuran	8.73	1.0	10	
108-88-3	Toluene	11.5	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.93	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.58	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.37	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	12.2	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.2	0.080	1.0	
79-01-6	Trichloroethylene	11.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.88	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.6	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.65	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.1	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.7	0.060	1.0	
75-01-4	Vinyl Chloride	7.99	0.16	2.0	
108383/106423	m+p Xylene	23.6	0.070	2.0	
95-47-6	o-Xylene	12.2	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353006.D Vial: 6
Acq On : 19 Dec 2011 8:39 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:43:19 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	433088	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	643586	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	321287	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	327729	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	195770	24.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.32%				
49) TOLUENE SS	5.606	98	647426	25.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	253126	26.71	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.84%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	88838	9.02	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	121397	9.64	UG/L		98
5) CHLOROMETHANE	0.952	50	90450	8.68	UG/L		97
6) VINYL CHLORIDE	0.999	62	96587	7.99	UG/L		100
7) BROMOMETHANE	1.150	94	44977	5.81	UG/L		97
8) CHLOROETHANE	1.194	64	55869	8.69	UG/L		96
9) FLUORODICHLOROMETHANE	1.281	67	171359	7.90	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	132203	9.88	UG/L		100
12) DI ETHYL ETHER	1.451	59	65995	8.88	UG/L		95
13) ACROLEIN	1.521	56	83757	120.25	UG/L		99
14) ACETONE	1.599	43	205508	88.16	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	135019	7.85	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	82839	8.65	UG/L		97
17) IODOMETHANE	1.655	142	198034	21.27	UG/L	#	100
20) METHYL ACETATE	1.786	43	58479	3.24	UG/L	#	89
21) T-BUTYL ALCOHOL	1.931	59	59092	96.92	UG/L	#	91
22) ACRYLONITRILE	2.006	53	34503	9.09	UG/L		98
23) METHYLENE CHLORIDE	1.844	49	113068	6.75	UG/L	#	82
24) CARBON DISULFIDE	1.691	76	285253	14.06	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	251238	9.74	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	147714	10.18	UG/L		96
27) 1,1-DICHLOROETHANE	2.324	63	180442	11.21	UG/L		99
28) VINYL ACETATE	2.377	43	1744616	97.97	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	277308	9.76	UG/L		94
31) 2-BUTANONE	2.865	43	326125	107.98	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	261665	10.34	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	157675	11.44	UG/L		92
34) 2,2-DICHLOROPROPANE	2.829	77	100324	11.98	UG/L		98
35) ETHYL ACETATE	2.940	43	67824	10.17	UG/L	#	92
38) BROMOCHLOROMETHANE	3.077	49	79821	11.03	UG/L		84
39) TETRAHYDROFURAN	3.138	42	17246	8.73	UG/L	#	78
40) CHLOROFORM	3.172	83	184738	12.49	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	145788	12.15	UG/L		97
42) CYCLOHEXANE	3.389	56	148816	11.55	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	118587	11.81	UG/L		100
44) 1,1-DICHLOROPROPENE	3.515	75	135629	12.29	UG/L		99
45) BENZENE	3.721	78	387222	12.57	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	210013	11.42	UG/L		94
50) 1,2-DICHLOROETHANE	3.754	62	145773	10.68	UG/L		97
51) TRICHLOROETHENE	4.385	95	104740	11.58	UG/L		99
52) METHYLCYCLOHEXANE	4.563	83	120069	10.58	UG/L		95
53) 1,2-DICHLOROPROPANE	4.611	63	97442	11.26	UG/L	#	96
54) DIBROMOMETHANE	4.722	93	66594	11.73	UG/L		99
56) 1,4-DIOXANE	4.775	88	8438m	129.55	UG/L		
57) BROMODICHLOROMETHANE	4.903	83	129104	9.56	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353006.D Vial: 6
Acq On : 19 Dec 2011 8:39 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:43:19 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

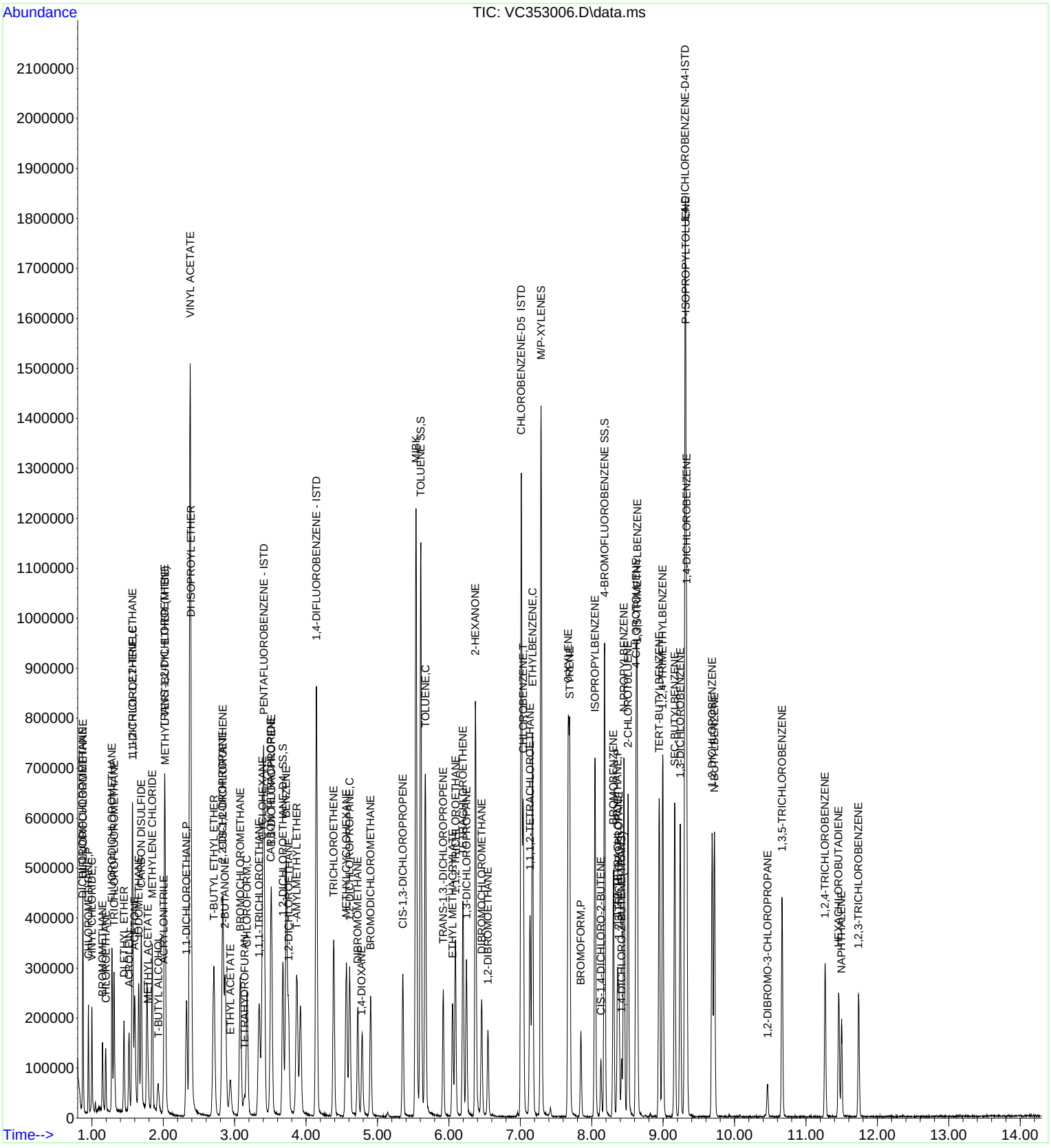
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) MIBK	5.539	43	682978	97.36	UG/L	97
60) CIS-1,3-DICHLOROPROPENE	5.355	75	134574	12.34	UG/L	100
61) TOLUENE	5.670	91	421699	11.46	UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	110098	13.20	UG/L	99
63) ETHYL METHACRYLATE	6.049	69	101805	10.13	UG/L	86
64) 1,1,2-TRICHLOROETHANE	6.091	97	90041	11.21	UG/L	98
65) 2-HEXANONE	6.370	43	435926	101.58	UG/L	95
66) TETRACHLOROETHENE	6.197	166	109448	11.59	UG/L	99
67) 1,3-DICHLOROPROPANE	6.247	76	148894	12.07	UG/L	99
68) DIBROMOCHLOROMETHANE	6.459	129	99389	12.43	UG/L	100
69) 1,2-DIBROMOETHANE	6.546	107	91835	11.82	UG/L	100
72) CHLOROBENZENE	7.039	112	276774	11.56	UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	91080	11.26	UG/L	100
74) ETHYLBENZENE	7.170	91	467658	11.73	UG/L	100
75) M/P-XYLENES	7.290	91	727592	23.58	UG/L	99
76) 0-XYLENE	7.670	91	370840	12.22	UG/L	99
77) STYRENE	7.692	104	299921	12.51	UG/L	99
78) BROMOFORM	7.848	173	62811	12.05	UG/L	98
79) ISOPROPYLBENZENE	8.046	105	419872	14.03	UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	20677	8.37	UG/L	87
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	111256	11.75	UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	20022	10.57	UG/L	95
83) BROMOBENZENE	8.303	77	167360	11.38	UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.381	75	82067	11.59	UG/L	98
85) N-PROPYLBENZENE	8.450	91	492080	12.32	UG/L	100
86) 2-CHLOROT0LUENE	8.509	91	308027	12.19	UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	343166	11.67	UG/L	100
88) 4-CHLOROTOLUENE	8.621	91	353511	11.88	UG/L	97
90) TERT-BUTYLBENZENE	8.944	119	277553	10.95	UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	345694	11.09	UG/L	99
92) SEC-BUTYLBENZENE	9.164	105	378346	10.64	UG/L	100
93) 1,3-DICHLOROBENZENE	9.240	146	205987	11.09	UG/L	99
94) P-ISOPROPYLTOLUENE	9.318	119	325524	11.52	UG/L	99
95) 1,4-DICHLOROBENZENE	9.329	146	210117	11.11	UG/L	99
96) N-BUTYLBENZENE	9.717	91	276345	9.91	UG/L	99
97) 1,2-DICHLOROBENZENE	9.686	146	198008	10.96	UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.464	75	11851	7.94	UG/L	98
99) 1,3,5-TRICHLOROBENZENE	10.665	180	119766	9.37	UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.267	180	82741	9.58	UG/L	98
101) HEXACHLOROBUTADIENE	11.457	225	45665	10.64	UG/L	99
102) NAPHTHALENE	11.498	128	118115	9.61	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.735	180	64088	9.93	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121911\VC353006.D
Acq On : 19 Dec 2011 8:39 am
Sample : B0-BS1
Misc :
Quant Time: Dec 19 10:43:19 2011

Vial: 6
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BSD1	File ID:	VC353007.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 09:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	85.5	0.54	50	
107-13-1	Acrylonitrile	8.32	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.8	0.11	0.50	
71-43-2	Benzene	11.4	0.050	1.0	V-20
108-86-1	Bromobenzene	10.7	0.10	1.0	
74-97-5	Bromochloromethane	10.5	0.10	1.0	
75-27-4	Bromodichloromethane	8.96	0.080	0.50	
75-25-2	Bromoform	11.3	0.25	1.0	
74-83-9	Bromomethane	6.12	0.38	2.0	
78-93-3	2-Butanone (MEK)	104	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	92.7	3.5	20	V-16
104-51-8	n-Butylbenzene	8.78	0.050	1.0	
135-98-8	sec-Butylbenzene	9.50	0.050	1.0	
98-06-6	tert-Butylbenzene	10.1	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.49	0.070	0.50	
75-15-0	Carbon Disulfide	12.8	0.050	4.0	
56-23-5	Carbon Tetrachloride	10.5	0.090	5.0	
108-90-7	Chlorobenzene	10.9	0.050	1.0	
124-48-1	Chlorodibromomethane	11.7	0.12	0.50	V-20
75-00-3	Chloroethane	7.36	0.33	2.0	
67-66-3	Chloroform	11.2	0.040	2.0	
74-87-3	Chloromethane	7.59	0.13	2.0	
95-49-8	2-Chlorotoluene	11.3	0.050	1.0	
106-43-4	4-Chlorotoluene	11.1	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.11	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.1	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BSD1	File ID:	VC353007.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 09:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.2	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.3	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.3	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.3	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	10.7	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.79	0.040	2.0	V-20
75-34-3	1,1-Dichloroethane	10.1	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.0	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.02	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.15	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.5	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.4	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.5	0.13	1.0	V-20
563-58-6	1,1-Dichloropropene	11.1	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.6	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.8	0.12	0.50	V-20
60-29-7	Diethyl Ether	8.38	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.03	0.030	0.50	
123-91-1	1,4-Dioxane	120	3.5	50	V-16, V-20
100-41-4	Ethylbenzene	10.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.78	0.26	0.50	
591-78-6	2-Hexanone (MBK)	102	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.8	0.060	1.0	V-20
99-87-6	p-Isopropyltoluene (p-Cymene)	10.5	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.08	0.050	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BSD1	File ID:	VC353007.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 09:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	6.29	2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)	94.9	0.22	10	
91-20-3	Naphthalene	9.94	0.21	2.0	
103-65-1	n-Propylbenzene	11.2	0.040	1.0	
100-42-5	Styrene	11.5	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.5	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.3	0.18	0.50	
127-18-4	Tetrachloroethylene	10.5	0.14	1.0	
109-99-9	Tetrahydrofuran	9.50	1.0	10	
108-88-3	Toluene	10.6	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.89	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.49	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.80	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.9	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.4	0.080	1.0	
79-01-6	Trichloroethylene	10.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	8.66	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.3	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	7.59	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.0	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.8	0.060	1.0	
75-01-4	Vinyl Chloride	7.06	0.16	2.0	
108383/106423	m+p Xylene	21.4	0.070	2.0	
95-47-6	o-Xylene	11.3	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353007.D Vial: 7
Acq On : 19 Dec 2011 9:10 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:45:49 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	466650	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	679684	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	342488	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	352357	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.673	65	206982	23.63	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.52%				
49) TOLUENE SS	5.606	98	688916	25.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.92%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	270250	26.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	82648	7.79	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.876	51	114517	8.44	UG/L		98
5) CHLOROMETHANE	0.952	50	85252	7.59	UG/L		99
6) VINYL CHLORIDE	0.999	62	91879	7.06	UG/L		99
7) BROMOMETHANE	1.150	94	51723	6.12	UG/L		100
8) CHLOROETHANE	1.194	64	51029	7.36	UG/L		97
9) FLUORODICHLOROMETHANE	1.281	67	164019	7.13	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	124763	8.66	UG/L		99
12) DI ETHYL ETHER	1.451	59	67096	8.38	UG/L		91
13) ACROLEIN	1.521	56	90014	119.97	UG/L		96
14) ACETONE	1.601	43	214744	85.50	UG/L		94
15) 1,1-DICHLOROETHENE	1.568	61	127805	7.02	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	76574	7.59	UG/L		97
17) IODOMETHANE	1.657	142	167174	19.04	UG/L	#	100
20) METHYL ACETATE	1.786	43	61611	3.17	UG/L	#	88
21) T-BUTYL ALCOHOL	1.925	59	60909	92.72	UG/L		96
22) ACRYLONITRILE	2.009	53	34024	8.32	UG/L		98
23) METHYLENE CHLORIDE	1.844	49	113518	6.29	UG/L	#	82
24) CARBON DISULFIDE	1.691	76	267561	12.83	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	252215	9.08	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	143063	9.15	UG/L		95
27) 1,1-DICHLOROETHANE	2.327	63	175107	10.09	UG/L		99
28) VINYL ACETATE	2.374	43	1746872	91.41	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	276521	9.03	UG/L		93
31) 2-BUTANONE	2.870	43	336880	103.52	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	258765	9.49	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	154026	10.37	UG/L		92
34) 2,2-DICHLOROPROPANE	2.831	77	94632	10.48	UG/L		97
35) ETHYL ACETATE	2.940	43	68629	9.43	UG/L	#	88
38) BROMOCHLOROMETHANE	3.074	49	81808	10.49	UG/L		90
39) TETRAHYDROFURAN	3.138	42	20236	9.50	UG/L	#	84
40) CHLOROFORM	3.171	83	178742	11.21	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	141329	10.93	UG/L		100
42) CYCLOHEXANE	3.386	56	141263	10.17	UG/L		88
43) CARBON TETRACHLORIDE	3.506	117	113783	10.52	UG/L		98
44) 1,1-DICHLOROPROPENE	3.514	75	132201	11.12	UG/L		98
45) BENZENE	3.726	78	377340	11.37	UG/L		96
47) T-AMYLMETHYL ETHER	3.869	73	213699	10.79	UG/L		94
50) 1,2-DICHLOROETHANE	3.752	62	144229	10.00	UG/L		97
51) TRICHLOROETHENE	4.387	95	100625	10.54	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	118936	9.92	UG/L		92
53) 1,2-DICHLOROPROPANE	4.610	63	96364	10.54	UG/L		96
54) DIBROMOMETHANE	4.722	93	66832	11.15	UG/L		98
56) 1,4-DIOXANE	4.783	88	8252	119.96	UG/L	#	83
57) BROMODICHLOROMETHANE	4.903	83	127413	8.96	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353007.D Vial: 7
Acq On : 19 Dec 2011 9:10 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:45:49 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59)	MIBK	5.539	43	703320	94.94	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	133602	11.60	UG/L	98
61)	TOLUENE	5.670	91	412848	10.62	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	112849	12.81	UG/L	99
63)	ETHYL METHACRYLATE	6.049	69	103054	9.75	UG/L	88
64)	1,1,2-TRICHLOROETHANE	6.091	97	88440	10.42	UG/L	98
65)	2-HEXANONE	6.373	43	463170	102.20	UG/L	95
66)	TETRACHLOROETHENE	6.197	166	105001	10.52	UG/L	99
67)	1,3-DICHLOROPROPANE	6.247	76	148732	11.41	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.459	129	98879	11.71	UG/L	99
69)	1,2-DIBROMOETHANE	6.546	107	91364	11.13	UG/L	98
72)	CHLOROBENZENE	7.042	112	277995	10.89	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	90722	10.52	UG/L	98
74)	ETHYLBENZENE	7.170	91	454704	10.69	UG/L	100
75)	M/P-XYLENES	7.290	91	705512	21.45	UG/L	99
76)	0-XYLENE	7.672	91	366491	11.33	UG/L	99
77)	STYRENE	7.689	104	293047	11.47	UG/L	99
78)	BROMOFORM	7.851	173	62759	11.30	UG/L	96
79)	ISOPROPYLBENZENE	8.046	105	409256	12.83	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.132	53	20837	7.92	UG/L	83
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	113848	11.28	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.417	53	21570	10.69	UG/L	91
83)	BROMOBENZENE	8.303	77	168049	10.71	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.383	75	85138	11.28	UG/L	99
85)	N-PROPYLBENZENE	8.450	91	475901	11.18	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	304095	11.29	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	340075	10.85	UG/L	98
88)	4-CHLOROTOLUENE	8.620	91	351250	11.07	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	274233	10.06	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	336597	10.05	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	363166	9.50	UG/L	99
93)	1,3-DICHLOROBENZENE	9.240	146	204853	10.26	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.318	119	317608	10.46	UG/L	100
95)	1,4-DICHLOROBENZENE	9.329	146	208705	10.27	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	271633	8.78	UG/L	100
97)	1,2-DICHLOROBENZENE	9.689	146	199296	10.26	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	13019	8.11	UG/L	96
99)	1,3,5-TRICHLOROBENZENE	10.667	180	120743	8.80	UG/L	98
100)	1,2,4-TRICHLOROBENZENE	11.270	180	87872	9.49	UG/L	98
101)	HEXACHLOROBUTADIENE	11.459	225	44852	9.78	UG/L	94
102)	NAPHTHALENE	11.498	128	135895	9.94	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	68385	9.89	UG/L	98

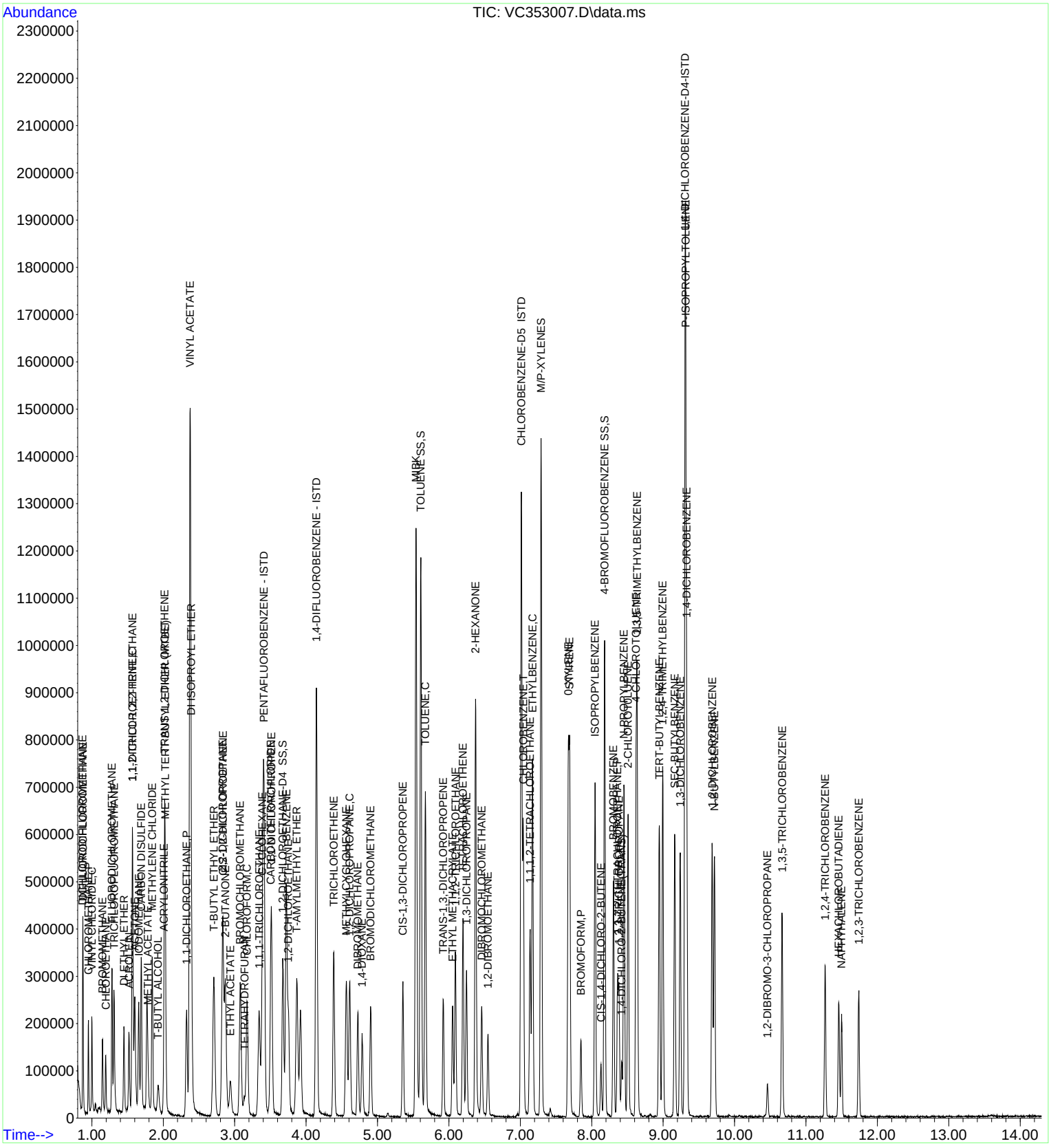
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353007.D
Acq On : 19 Dec 2011 9:10 am
Sample : B0-BSD1
Misc :
Quant Time: Dec 19 10:45:49 2011

Vial: 7
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MS1	File ID:	VC353016.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	86.5	0.54	50	
107-13-1	Acrylonitrile	9.90	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.2	0.11	0.50	
71-43-2	Benzene	12.7	0.050	1.0	
108-86-1	Bromobenzene	11.1	0.10	1.0	
74-97-5	Bromochloromethane	11.1	0.10	1.0	
75-27-4	Bromodichloromethane	9.38	0.080	0.50	
75-25-2	Bromoform	12.2	0.25	1.0	
74-83-9	Bromomethane	5.24	0.38	2.0	MS-07A
78-93-3	2-Butanone (MEK)	124	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	118	3.5	20	V-16
104-51-8	n-Butylbenzene	9.77	0.050	1.0	
135-98-8	sec-Butylbenzene	10.5	0.050	1.0	
98-06-6	tert-Butylbenzene	10.6	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.75	0.070	0.50	
75-15-0	Carbon Disulfide	12.4	0.050	4.0	
56-23-5	Carbon Tetrachloride	11.6	0.090	5.0	
108-90-7	Chlorobenzene	11.1	0.050	1.0	
124-48-1	Chlorodibromomethane	12.2	0.12	0.50	
75-00-3	Chloroethane	7.81	0.33	2.0	
67-66-3	Chloroform	12.6	0.040	2.0	
74-87-3	Chloromethane	6.60	0.13	2.0	MS-07A
95-49-8	2-Chlorotoluene	11.9	0.050	1.0	
106-43-4	4-Chlorotoluene	11.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.47	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	12.1	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MS1	File ID:	VC353016.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	12.2	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.5	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.8	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	11.8	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.81	0.040	2.0	MS-07A
75-34-3	1,1-Dichloroethane	10.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.9	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.63	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.2	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.3	0.20	1.0	
142-28-9	1,3-Dichloropropane	12.4	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.7	0.13	1.0	
563-58-6	1,1-Dichloropropene	12.8	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	12.0	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.8	0.12	0.50	
60-29-7	Diethyl Ether	8.55	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.56	0.030	0.50	
123-91-1	1,4-Dioxane	148	3.5	50	MS-12, V-16
100-41-4	Ethylbenzene	11.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.5	0.26	0.50	
591-78-6	2-Hexanone (MBK)	124	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	13.9	0.060	1.0	MS-12
99-87-6	p-Isopropyltoluene (p-Cymene)	11.2	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.0	0.050	1.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MS1	File ID:	VC353016.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	5.97	2.3	5.0	L-04, MS-09
108-10-1	4-Methyl-2-pentanone (MIBK)	114	0.22	10	
91-20-3	Naphthalene	11.2	0.21	2.0	
103-65-1	n-Propylbenzene	12.2	0.040	1.0	
100-42-5	Styrene	11.6	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.5	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	12.6	0.18	0.50	
127-18-4	Tetrachloroethylene	11.8	0.14	1.0	
109-99-9	Tetrahydrofuran	12.2	1.0	10	
108-88-3	Toluene	11.8	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	11.3	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.1	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.09	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	12.3	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.4	0.080	1.0	
79-01-6	Trichloroethylene	11.7	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.51	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	12.4	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.43	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.6	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.3	0.060	1.0	
75-01-4	Vinyl Chloride	6.99	0.16	2.0	MS-07A
108383/106423	m+p Xylene	23.1	0.070	2.0	
95-47-6	o-Xylene	11.9	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353016.D Vial: 16
Acq On : 19 Dec 2011 1:46 pm Operator:
Sample : 11L0394-02ms @ MS Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:40:40 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	447340	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	658092	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	333983	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	341694	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.673	65	211703	25.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.84%				
49) TOLUENE SS	5.606	98	670387	25.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.44%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	262771	26.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.68%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	69244	6.81	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	111848	8.60	UG/L		99
5) CHLOROMETHANE	0.952	50	71044	6.60	UG/L		99
6) VINYL CHLORIDE	0.999	62	87256	6.99	UG/L		98
7) BROMOMETHANE	1.147	94	40656	5.24	UG/L		98
8) CHLOROETHANE	1.192	64	51874	7.81	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	167054	7.51	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	131378	9.51	UG/L		96
11) ETHANOL	1.451	45	39631	482.89	UG/L	#	64
12) DI ETHYL ETHER	1.448	59	65670	8.55	UG/L		90
13) ACROLEIN	1.518	56	124119	166.34	UG/L		100
14) ACETONE	1.601	43	208218	86.48	UG/L		96
15) 1,1-DICHLOROETHENE	1.568	61	134859	7.63	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	83083	8.43	UG/L		100
17) IODOMETHANE	1.657	142	98251	15.90	UG/L	#	100
20) METHYL ACETATE	1.786	43	61167	3.28	UG/L	#	91
21) T-BUTYL ALCOHOL	1.936	59	74500	118.30	UG/L	#	92
22) ACRYLONITRILE	2.009	53	38803	9.90	UG/L		94
23) METHYLENE CHLORIDE	1.847	49	103240	5.97	UG/L	#	81
24) CARBON DISULFIDE	1.691	76	241701	12.35	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	267103	10.03	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	152175	10.15	UG/L		95
27) 1,1-DICHLOROETHANE	2.327	63	179118	10.77	UG/L		99
28) VINYL ACETATE	2.377	43	1922851	104.19	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	280489	9.56	UG/L		93
31) 2-BUTANONE	2.868	43	386982	124.05	UG/L		94
32) T-BUTYL ETHYL ETHER	2.711	59	254851	9.75	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.834	61	162004	11.38	UG/L		92
34) 2,2-DICHLOROPROPANE	2.828	77	101016	11.67	UG/L		98
35) ETHYL ACETATE	2.943	43	91287	13.85	UG/L	#	93
38) BROMOCHLOROMETHANE	3.074	49	83212	11.13	UG/L		88
39) TETRAHYDROFURAN	3.135	42	24814	12.16	UG/L	#	88
40) CHLOROFORM	3.171	83	192718	12.61	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.339	97	152373	12.30	UG/L		100
42) CYCLOHEXANE	3.389	56	157542	11.83	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	120603	11.63	UG/L		98
44) 1,1-DICHLOROPROPENE	3.514	75	145333	12.75	UG/L		99
45) BENZENE	3.721	78	403745	12.69	UG/L		96
47) T-AMYLMETHYL ETHER	3.871	73	211917	11.16	UG/L	#	91
50) 1,2-DICHLOROETHANE	3.757	62	151563	10.86	UG/L		98
51) TRICHLOROETHENE	4.387	95	108214	11.70	UG/L		99
52) METHYLCYCLOHEXANE	4.563	83	129172	11.13	UG/L	#	88
53) 1,2-DICHLOROPROPANE	4.610	63	100175	11.32	UG/L	#	97
54) DIBROMOMETHANE	4.722	93	70708	12.18	UG/L		99
56) 1,4-DIOXANE	4.772	88	9890	148.49	UG/L		100

Data File : Y:\1\DATA\121911\VC353016.D Vial: 16
Acq On : 19 Dec 2011 1:46 pm Operator:
Sample : 11L0394-02ms @ MS Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:40:40 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) BROMODICHLOROMETHANE	4.906	83	129413	9.38	UG/L	99
59) MIBK	5.539	43	819397	114.24	UG/L	97
60) CIS-1,3-DICHLOROPROPENE	5.358	75	133539	11.97	UG/L	99
61) TOLUENE	5.670	91	443884	11.80	UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	109238	12.81	UG/L	100
63) ETHYL METHACRYLATE	6.052	69	109944	10.64	UG/L	87
64) 1,1,2-TRICHLOROETHANE	6.088	97	93265	11.35	UG/L	100
65) 2-HEXANONE	6.373	43	545678	124.36	UG/L	96
66) TETRACHLOROETHENE	6.200	166	114457	11.85	UG/L	99
67) 1,3-DICHLOROPROPANE	6.247	76	155783	12.35	UG/L	98
68) DIBROMOCHLOROMETHANE	6.457	129	99620	12.19	UG/L	99
69) 1,2-DIBROMOETHANE	6.546	107	95845	12.06	UG/L	98
72) CHLOROBENZENE	7.039	112	277420	11.14	UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	87968	10.46	UG/L	99
74) ETHYLBENZENE	7.173	91	486779	11.74	UG/L	98
75) M/P-XYLENES	7.290	91	739786	23.06	UG/L	100
76) 0-XYLENE	7.672	91	376156	11.93	UG/L	98
77) STYRENE	7.692	104	288253	11.57	UG/L	96
78) BROMOFORM	7.848	173	66125	12.20	UG/L	97
79) ISOPROPYLBENZENE	8.046	105	431981	13.88	UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	21737	8.46	UG/L	86
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	124409	12.64	UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.422	53	23226	11.80	UG/L	91
83) BROMOBENZENE	8.303	77	169550	11.09	UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.381	75	90983	12.36	UG/L	100
85) N-PROPYLBENZENE	8.450	91	504595	12.16	UG/L	99
86) 2-CHLOROT0LUENE	8.509	91	313385	11.93	UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	346018	11.32	UG/L	99
88) 4-CHLOROTOLUENE	8.620	91	361570	11.69	UG/L	98
90) TERT-BUTYLBENZENE	8.947	119	280757	10.62	UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	344028	10.59	UG/L	99
92) SEC-BUTYLBENZENE	9.161	105	388705	10.48	UG/L	100
93) 1,3-DICHLOROBENZENE	9.237	146	202767	10.48	UG/L	99
94) P-ISOPROPYLTOLUENE	9.315	119	330483	11.22	UG/L	99
95) 1,4-DICHLOROBENZENE	9.332	146	212917	10.80	UG/L	99
96) N-BUTYLBENZENE	9.719	91	285062	9.77	UG/L	99
97) 1,2-DICHLOROBENZENE	9.683	146	201734	10.71	UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	14770	9.47	UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.665	180	121129	9.09	UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.270	180	91873	10.09	UG/L	98
101) HEXACHLOROBUTADIENE	11.459	225	46975	10.51	UG/L	94
102) NAPHTHALENE	11.498	128	165224	11.23	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.738	180	81059	11.32	UG/L	99

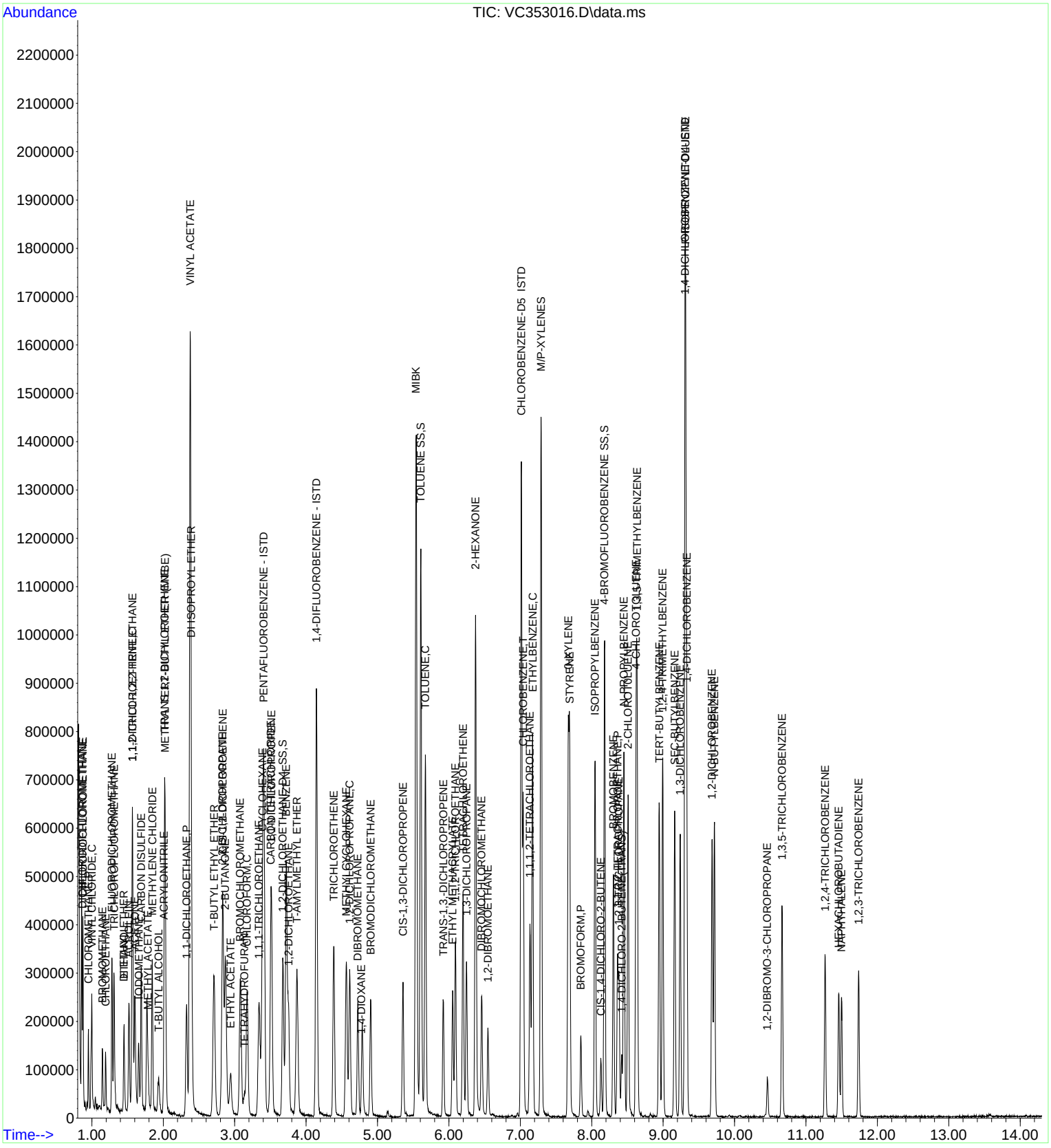
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353016.D
Acq On : 19 Dec 2011 1:46 pm
Sample : 11L0394-02ms @ MS
Misc :
Quant Time: Dec 19 14:40:40 2011

Vial: 16
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MSD1	File ID:	VC353017.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 14:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	86.2	0.54	50	
107-13-1	Acrylonitrile	9.57	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.2	0.11	0.50	
71-43-2	Benzene	12.3	0.050	1.0	
108-86-1	Bromobenzene	11.0	0.10	1.0	
74-97-5	Bromochloromethane	11.1	0.10	1.0	
75-27-4	Bromodichloromethane	9.56	0.080	0.50	
75-25-2	Bromoform	12.0	0.25	1.0	
74-83-9	Bromomethane	5.96	0.38	2.0	MS-07A
78-93-3	2-Butanone (MEK)	126	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	123	3.5	20	V-16
104-51-8	n-Butylbenzene	9.61	0.050	1.0	
135-98-8	sec-Butylbenzene	10.7	0.050	1.0	
98-06-6	tert-Butylbenzene	10.9	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.92	0.070	0.50	
75-15-0	Carbon Disulfide	12.4	0.050	4.0	
56-23-5	Carbon Tetrachloride	11.7	0.090	5.0	
108-90-7	Chlorobenzene	11.2	0.050	1.0	
124-48-1	Chlorodibromomethane	12.6	0.12	0.50	
75-00-3	Chloroethane	7.89	0.33	2.0	
67-66-3	Chloroform	12.2	0.040	2.0	
74-87-3	Chloromethane	6.77	0.13	2.0	MS-07A
95-49-8	2-Chlorotoluene	12.1	0.050	1.0	
106-43-4	4-Chlorotoluene	11.8	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.4	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	12.3	0.14	0.50	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MSD1	File ID:	VC353017.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 14:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	12.0	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.7	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	12.8	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.88	0.040	2.0	MS-07A
75-34-3	1,1-Dichloroethane	11.2	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.9	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.56	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.6	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.0	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.8	0.20	1.0	
142-28-9	1,3-Dichloropropane	12.8	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.9	0.13	1.0	
563-58-6	1,1-Dichloropropene	12.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	12.5	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.9	0.12	0.50	
60-29-7	Diethyl Ether	8.67	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.60	0.030	0.50	
123-91-1	1,4-Dioxane	170	3.5	50	MS-12, V-16
100-41-4	Ethylbenzene	11.8	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.2	0.26	0.50	
591-78-6	2-Hexanone (MBK)	127	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	14.1	0.060	1.0	MS-12
99-87-6	p-Isopropyltoluene (p-Cymene)	11.6	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.2	0.050	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MSD1	File ID:	VC353017.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 14:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	5.94	2.3	5.0	L-04, MS-09
108-10-1	4-Methyl-2-pentanone (MIBK)	118	0.22	10	
91-20-3	Naphthalene	10.9	0.21	2.0	
103-65-1	n-Propylbenzene	12.3	0.040	1.0	
100-42-5	Styrene	11.6	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.9	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	13.1	0.18	0.50	MS-24
127-18-4	Tetrachloroethylene	11.6	0.14	1.0	
109-99-9	Tetrahydrofuran	11.8	1.0	10	
108-88-3	Toluene	12.0	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.8	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.73	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.76	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	12.1	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.6	0.080	1.0	
79-01-6	Trichloroethylene	11.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.59	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	12.9	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.47	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.7	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.4	0.060	1.0	
75-01-4	Vinyl Chloride	6.94	0.16	2.0	MS-07A
108383/106423	m+p Xylene	23.3	0.070	2.0	
95-47-6	o-Xylene	12.1	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353017.D Vial: 17
Acq On : 19 Dec 2011 2:17 pm Operator:
Sample : 11L0394-02msd @ MSD Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:42:56 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	423468	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	606799	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	309828	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	314844	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	192185	24.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.72%				
49) TOLUENE SS	5.606	98	623091	25.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.24%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	246303	26.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66275	6.88	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.874	51	106247	8.63	UG/L		99
5) CHLOROMETHANE	0.949	50	68953	6.77	UG/L		100
6) VINYL CHLORIDE	0.999	62	82009	6.94	UG/L		97
7) BROMOMETHANE	1.147	94	45432	5.96	UG/L		97
8) CHLOROETHANE	1.192	64	49598	7.89	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	161043	7.63	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.309	101	125468	9.59	UG/L		99
11) ETHANOL	1.448	45	38269	492.58	UG/L	#	64
12) DI ETHYL ETHER	1.448	59	62969	8.67	UG/L		90
13) ACROLEIN	1.518	56	112282	159.59	UG/L		100
14) ACETONE	1.602	43	196560	86.24	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	126474	7.56	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.562	101	79040	8.47	UG/L		99
17) IODOMETHANE	1.655	142	104006	16.49	UG/L	#	100
20) METHYL ACETATE	1.788	43	54398	3.08	UG/L	#	87
21) T-BUTYL ALCOHOL	1.933	59	73051	122.54	UG/L		93
22) ACRYLONITRILE	2.011	53	35525	9.57	UG/L		99
23) METHYLENE CHLORIDE	1.844	49	97265	5.94	UG/L	#	80
24) CARBON DISULFIDE	1.691	76	231378	12.44	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	257309	10.20	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	142572	10.04	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	176103	11.18	UG/L		99
28) VINYL ACETATE	2.377	43	1830435	104.75	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	266722	9.60	UG/L		94
31) 2-BUTANONE	2.873	43	370674	125.52	UG/L		95
32) T-BUTYL ETHYL ETHER	2.711	59	245611	9.92	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	156063	11.58	UG/L		96
34) 2,2-DICHLOROPROPANE	2.826	77	97443	11.90	UG/L		99
35) ETHYL ACETATE	2.940	43	88961	14.32	UG/L	#	85
38) BROMOCHLOROMETHANE	3.074	49	78403	11.08	UG/L		89
39) TETRAHYDROFURAN	3.138	42	22794	11.80	UG/L	#	81
40) CHLOROFORM	3.174	83	177242	12.25	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.344	97	142274	12.13	UG/L		98
42) CYCLOHEXANE	3.386	56	146817	11.65	UG/L		93
43) CARBON TETRACHLORIDE	3.506	117	115095	11.73	UG/L		99
44) 1,1-DICHLOROPROPENE	3.515	75	135618	12.57	UG/L		100
45) BENZENE	3.721	78	370353	12.29	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	201026	11.18	UG/L	#	92
50) 1,2-DICHLOROETHANE	3.752	62	139801	10.86	UG/L		98
51) TRICHLOROETHENE	4.387	95	98582	11.56	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	119438	11.16	UG/L		94
53) 1,2-DICHLOROPROPANE	4.610	63	88111	10.80	UG/L	#	91
54) DIBROMOMETHANE	4.722	93	64143	11.99	UG/L		98
56) 1,4-DIOXANE	4.781	88	10433m	169.89	UG/L		

Data File : Y:\1\DATA\121911\VC353017.D Vial: 17
Acq On : 19 Dec 2011 2:17 pm Operator:
Sample : 11L0394-02msd @ MSD Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:42:56 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

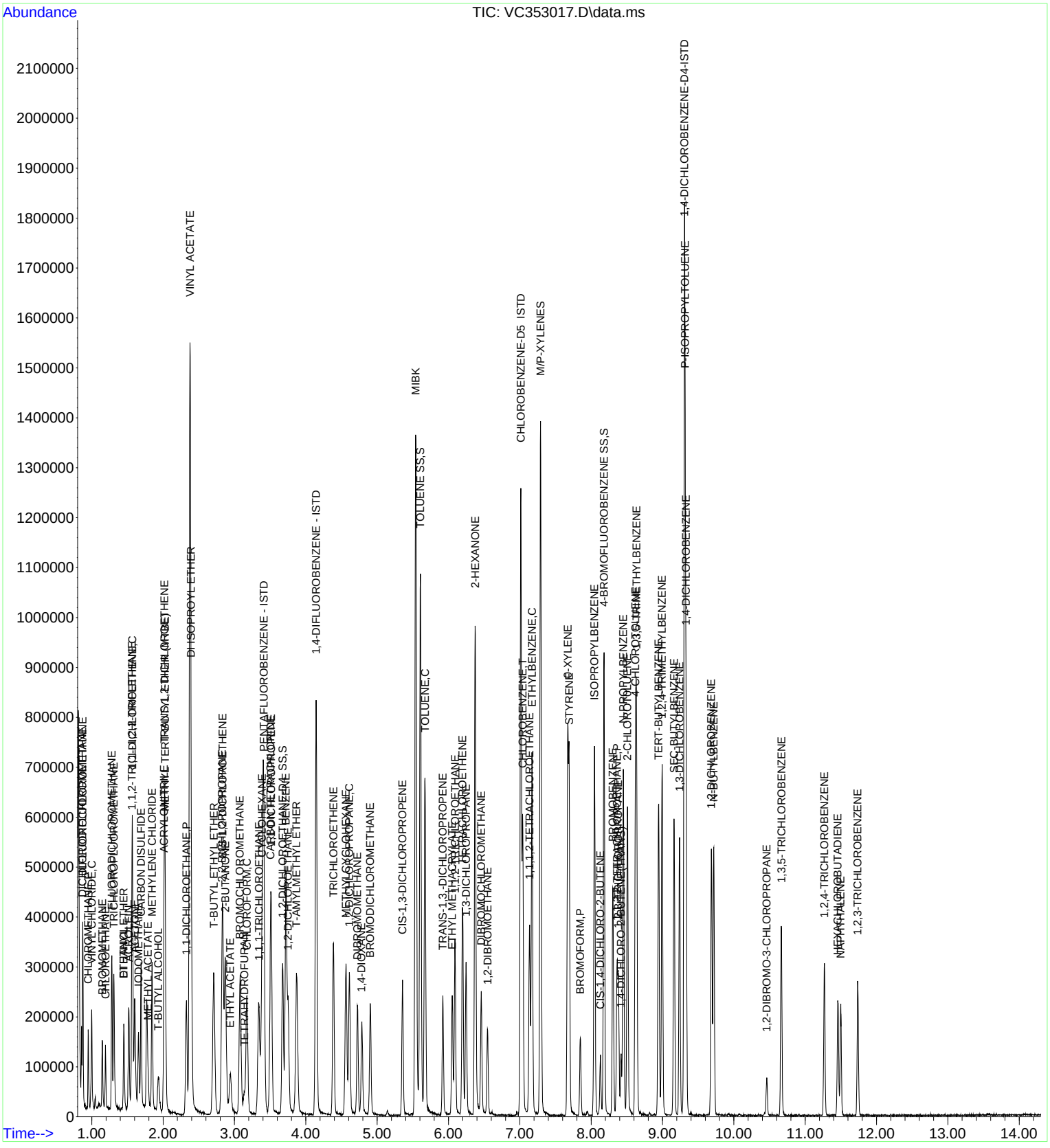
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) BROMODICHLOROMETHANE	4.903	83	121764	9.56	UG/L	98
59) MIBK	5.542	43	778515	117.71	UG/L	96
60) CIS-1,3-DICHLOROPROPENE	5.355	75	128804	12.53	UG/L	98
61) TOLUENE	5.670	91	417529	12.03	UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	101581	12.92	UG/L	99
63) ETHYL METHACRYLATE	6.052	69	104114	10.90	UG/L	88
64) 1,1,2-TRICHLOROETHANE	6.091	97	88251	11.65	UG/L	100
65) 2-HEXANONE	6.376	43	514075	127.06	UG/L	96
66) TETRACHLOROETHENE	6.197	166	103618	11.63	UG/L	98
67) 1,3-DICHLOROPROPANE	6.247	76	148457	12.76	UG/L	97
68) DIBROMOCHLOROMETHANE	6.459	129	95125	12.62	UG/L	98
69) 1,2-DIBROMOETHANE	6.549	107	89922	12.28	UG/L	100
72) CHLOROBENZENE	7.039	112	258752	11.20	UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	85171	10.92	UG/L	99
74) ETHYLBENZENE	7.170	91	455163	11.83	UG/L	98
75) M/P-XYLENES	7.290	91	693067	23.29	UG/L	100
76) 0-XYLENE	7.672	91	353114	12.07	UG/L	100
77) STYRENE	7.692	104	267644	11.58	UG/L	99
78) BROMOFORM	7.845	173	60498	12.04	UG/L	99
79) ISOPROPYLBENZENE	8.046	105	407446	14.12	UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	20903	8.76	UG/L	81
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	119515	13.09	UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	23284	12.75	UG/L	88
83) BROMOBENZENE	8.303	77	155348	10.95	UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.381	75	88283	12.93	UG/L	99
85) N-PROPYLBENZENE	8.450	91	473689	12.30	UG/L	100
86) 2-CHLOROT0LUENE	8.509	91	293832	12.06	UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	322227	11.36	UG/L	100
88) 4-CHLOROTOLUENE	8.621	91	338237	11.79	UG/L	99
90) TERT-BUTYLBENZENE	8.944	119	265595	10.90	UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	319626	10.68	UG/L	100
92) SEC-BUTYLBENZENE	9.162	105	365616	10.70	UG/L	99
93) 1,3-DICHLOROBENZENE	9.240	146	192597	10.80	UG/L	99
94) P-ISOPROPYLTOLUENE	9.318	119	313454	11.55	UG/L	98
95) 1,4-DICHLOROBENZENE	9.329	146	194867	10.73	UG/L	99
96) N-BUTYLBENZENE	9.719	91	259380	9.61	UG/L	98
97) 1,2-DICHLOROBENZENE	9.683	146	186085	10.72	UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	14900	10.36	UG/L	91
99) 1,3,5-TRICHLOROBENZENE	10.667	180	107401	8.76	UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.270	180	80968	9.73	UG/L	98
101) HEXACHLOROBUTADIENE	11.457	225	42094	10.24	UG/L	97
102) NAPHTHALENE	11.498	128	143337	10.86	UG/L	100
103) 1,2,3-TRICHLOROBENZENE	11.735	180	69746	10.80	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353017.D Vial: 17
Acq On : 19 Dec 2011 2:17 pm Operator:
Sample : 11L0394-02msd @ MSD Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:42:56 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Data Package

con-test®
ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

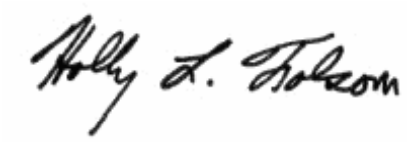
February 6, 2012

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.03
Laboratory Work Order Number: 12A0882

Enclosed are results of analyses for samples received by the laboratory on January 28, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 2/6/2012

PURCHASE ORDER NUMBER: 002699.ID25.03

PROJECT NUMBER: 002699.ID25.03

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12A0882

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FPC-SB01	12A0882-01	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW846 9014	
FPC-SB02	12A0882-02	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW846 9014	
FPC-SB02/D	12A0882-03	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW846 9014	
FPC-SB03	12A0882-04	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW846 9014	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 6010C

Qualifications:

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Antimony

12A0882-04[FPC-SB03], B045655-MS1, B045655-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Magnesium

12A0882-04[FPC-SB03], B045655-MS1, B045655-MSD1

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

Sodium

12A0882-04[FPC-SB03], B045655-MS1, B045655-MSD1

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Aluminum, Calcium, Iron

12A0882-04[FPC-SB03], B045655-MS1, B045655-MSD1

SW-846 8082A

Qualifications:

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045275-BLK1, B045275-BS1, B045275-BSD1, B045275-MS1, B045275-MSD1

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2-Dichloroethane

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045245-BLK1, B045245-BS1, B045245-BSD1, B045245-MS1, B045245-MSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Trichlorofluoromethane (Freon 11)

B045245-BSD1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Chloroethane

B045245-BSD1

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, Chlorodibromomethane, Dichlorodifluoromethane (Freon 12), Naphthalene, tert-Butyl Alcohol (TBA)

12A0882-04[FPC-SB03], B045245-MS1, B045245-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

1,2-Dichloroethane, Trichlorofluoromethane (Freon 11)

12A0882-04[FPC-SB03], B045245-MS1, B045245-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Tetrachloroethylene

B045245-MS1, B045245-MSD1

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

sec-Butylbenzene

B045245-MS1, B045245-MSD1

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Chloroethane

B045245-MS1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1-Dichloroethylene, 1,2,4-Trichlorobenzene, 2,2-Dichloropropane, 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Bromodichloromethane, Bromomethane, Carbon Tetrachloride, Isopropylbenzene (Cumene), tert-Butylbenzene, trans-1,4-Dichloro-2-butene

B045245-MS1, B045245-MSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Chloroethane

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045245-BLK1, B045245-BS1, B045245-BSD1, B045245-MS1, B045245-MSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,1,1-Trichloroethane, 1,2-Dichloroethane, 2,2-Dichloropropane, Bromodichloromethane, Carbon Tetrachloride, Chlorodibromomethane, Dichlorodifluoromethane (Freon 12), Trichlorofluoromethane (Freon 11)

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045245-BLK1, B045245-BS1, B045245-BSD1, B045245-MS1, B045245-MSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Acetone, tert-Butyl Alcohol (TBA), Tetrahydrofuran

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045245-BLK1, B045245-BS1, B045245-BSD1, B045245-MS1, B045245-MSD1

SW-846 8270D

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Benzidine, Benzoic Acid

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045341-BLK1, B045341-BS1, B045341-BSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Aniline, Benzidine, Benzoic Acid, Pyridine

12A0882-04[FPC-SB03], B045341-MS1, B045341-MSD1

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

4-Chloroaniline

B045341-MS1

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

3,3-Dichlorobenzidine, Hexachlorocyclopentadiene

12A0882-04[FPC-SB03], B045341-MS1, B045341-MSD1

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Benzidine, Benzoic Acid, Pentachlorophenol

B045341-BS1, B045341-BSD1, B045341-MS1, B045341-MSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Benzidine, Benzoic Acid, Pentachlorophenol

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045341-BLK1

---

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.067	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Acrylonitrile	ND	0.0040	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromomethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
2-Butanone (MEK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.027	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
n-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Carbon Disulfide	ND	0.0040	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chlorodibromomethane	ND	0.00067	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chloroethane	ND	0.013	mg/Kg dry	1	R-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chloroform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chloromethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1	L-04, V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,3-Dichloropropane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
cis-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
trans-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Diethyl Ether	ND	0.013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,4-Dioxane	ND	0.067	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Methylene Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Naphthalene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Tetrahydrofuran	ND	0.0067	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,3,5-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0067	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Vinyl Chloride	ND	0.0067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
m+p Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	87.2	70-130		1/30/12 12:22
Toluene-d8	92.0	70-130		1/30/12 12:22
4-Bromofluorobenzene	84.3	70-130		1/30/12 12:22

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzidine	ND	0.36	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(a)pyrene	0.18	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(b)fluoranthene	0.25	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Fluoranthene	0.39	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Hexachlorocyclopentadiene	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Pentachlorophenol	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Pyrene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	73.6	30-130		2/2/12 16:50
Phenol-d6	85.8	30-130		2/2/12 16:50
Nitrobenzene-d5	63.8	30-130		2/2/12 16:50
2-Fluorobiphenyl	79.7	30-130		2/2/12 16:50
2,4,6-Tribromophenol	60.0	30-130		2/2/12 16:50
Terphenyl-d14	58.7	30-130		2/2/12 16:50

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Aldrin [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
alpha-BHC [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
beta-BHC [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
delta-BHC [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
gamma-BHC (Lindane) [1]	ND	0.0021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Chlordane [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
4,4'-DDD [1]	ND	0.0041	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
4,4'-DDE [1]	ND	0.0041	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
4,4'-DDT [2]	ND	0.0041	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Dieldrin [1]	ND	0.0041	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endosulfan I [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endosulfan II [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endosulfan sulfate [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endrin [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endrin aldehyde [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endrin ketone [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Heptachlor [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Heptachlor epoxide [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Hexachlorobenzene [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Methoxychlor [2]	ND	0.051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Toxaphene [1]	ND	0.10	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	49.7	30-150		2/1/12 22:46
Decachlorobiphenyl [2]	55.0	30-150		2/1/12 22:46
Tetrachloro-m-xylene [1]	57.2	30-150		2/1/12 22:46
Tetrachloro-m-xylene [2]	55.4	30-150		2/1/12 22:46

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	66.3	30-150		2/1/12 13:48
Decachlorobiphenyl [2]	62.2	30-150		2/1/12 13:48
Tetrachloro-m-xylene [1]	80.7	30-150		2/1/12 13:48
Tetrachloro-m-xylene [2]	80.4	30-150		2/1/12 13:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	3700	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Antimony	ND	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Barium	160	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Beryllium	ND	0.25	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Calcium	8800	7.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Chromium	6.0	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Cobalt	ND	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Copper	9.4	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Iron	5300	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Lead	53	0.76	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Magnesium	3100	7.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Manganese	62	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Mercury	0.032	0.026	mg/Kg dry	1		SW-846 7471B	1/30/12	1/30/12 16:56	AMR
Nickel	3.5	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Potassium	280	100	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Silver	ND	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Sodium	130	100	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Vanadium	12	1.0	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Zinc	43	1.0	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.45	mg/Kg dry	1		SW846 9014	2/3/12	2/3/12 9:05	VAK
% Solids	94.6		% Wt	1		SM 2540G	2/2/12	2/3/12 11:20	PJS

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.085	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Acrylonitrile	ND	0.0051	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromomethane	ND	0.0085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
2-Butanone (MEK)	ND	0.034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Carbon Disulfide	ND	0.0051	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chlorodibromomethane	ND	0.00085	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chloroethane	ND	0.017	mg/Kg dry	1	R-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chloromethane	ND	0.0085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dibromoethane (EDB)	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1	L-04, V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,3-Dichloropropane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
cis-1,3-Dichloropropene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
trans-1,3-Dichloropropene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,4-Dioxane	ND	0.085	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Naphthalene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,2,2-Tetrachloroethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Tetrachloroethylene	0.0086	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Tetrahydrofuran	ND	0.0085	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0085	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Vinyl Chloride	ND	0.0085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
m+p Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	85.2	70-130		1/30/12 13:13
Toluene-d8	93.6	70-130		1/30/12 13:13
4-Bromofluorobenzene	80.1	70-130		1/30/12 13:13

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzidine	ND	0.36	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(a)pyrene	0.18	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(b)fluoranthene	0.25	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Chloro-3-methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Fluoranthene	0.23	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Hexachlorocyclopentadiene	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Pentachlorophenol	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	67.1	30-130		2/2/12 15:28
Phenol-d6	77.9	30-130		2/2/12 15:28
Nitrobenzene-d5	56.4	30-130		2/2/12 15:28
2-Fluorobiphenyl	65.3	30-130		2/2/12 15:28
2,4,6-Tribromophenol	46.3	30-130		2/2/12 15:28
Terphenyl-d14	41.4	30-130		2/2/12 15:28

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Aldrin [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
alpha-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
beta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
delta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
gamma-BHC (Lindane) [1]	ND	0.0021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Chlordane [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
4,4'-DDD [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
4,4'-DDE [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
4,4'-DDT [2]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Dieldrin [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endosulfan I [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endosulfan II [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endosulfan sulfate [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endrin [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endrin aldehyde [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endrin ketone [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Heptachlor [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Heptachlor epoxide [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Hexachlorobenzene [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Methoxychlor [2]	ND	0.053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Toxaphene [1]	ND	0.11	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	65.1	30-150		2/1/12 23:03
Decachlorobiphenyl [2]	69.9	30-150		2/1/12 23:03
Tetrachloro-m-xylene [1]	73.0	30-150		2/1/12 23:03
Tetrachloro-m-xylene [2]	70.8	30-150		2/1/12 23:03

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	63.5	30-150		2/1/12 14:01
Decachlorobiphenyl [2]	60.5	30-150		2/1/12 14:01
Tetrachloro-m-xylene [1]	81.1	30-150		2/1/12 14:01
Tetrachloro-m-xylene [2]	81.6	30-150		2/1/12 14:01

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	4800	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Barium	140	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Cadmium	0.27	0.26	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Calcium	5900	7.9	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Chromium	7.3	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Cobalt	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Copper	19	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Iron	6500	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Lead	56	0.79	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Magnesium	1700	7.9	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Manganese	59	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Mercury	0.068	0.027	mg/Kg dry	1		SW-846 7471B	1/30/12	1/30/12 16:58	AMR
Nickel	4.8	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Potassium	310	110	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Sodium	150	110	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Vanadium	15	1.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Zinc	70	1.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.34	mg/Kg dry	1		SW846 9014	2/3/12	2/3/12 9:05	VAK
% Solids	92.9		% Wt	1		SM 2540G	2/2/12	2/3/12 11:20	PJS

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Acrylonitrile	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromomethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
2-Butanone (MEK)	ND	0.033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
tert-Butyl Alcohol (TBA)	ND	0.033	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Carbon Disulfide	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chlorodibromomethane	ND	0.00084	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chloroethane	ND	0.017	mg/Kg dry	1	R-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chloroform	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chloromethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dibromoethane (EDB)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
trans-1,4-Dichloro-2-butene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1	L-04, V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1-Dichloroethylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,3-Dichloropropane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
cis-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
trans-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,4-Dioxane	ND	0.084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Naphthalene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Tetrachloroethylene	0.010	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Tetrahydrofuran	ND	0.0084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0084	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Vinyl Chloride	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
m+p Xylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	86.0	70-130		1/30/12 13:38
Toluene-d8	93.6	70-130		1/30/12 13:38
4-Bromofluorobenzene	81.1	70-130		1/30/12 13:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzidine	ND	0.37	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Chloro-3-methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Hexachlorocyclopentadiene	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	60.6	30-130		2/2/12 15:54
Phenol-d6	68.9	30-130		2/2/12 15:54
Nitrobenzene-d5	53.9	30-130		2/2/12 15:54
2-Fluorobiphenyl	62.9	30-130		2/2/12 15:54
2,4,6-Tribromophenol	48.7	30-130		2/2/12 15:54
Terphenyl-d14	40.0	30-130		2/2/12 15:54

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Aldrin [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
alpha-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
beta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
delta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
gamma-BHC (Lindane) [1]	ND	0.0021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Chlordane [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
4,4'-DDD [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
4,4'-DDE [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
4,4'-DDT [2]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Dieldrin [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endosulfan I [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endosulfan II [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endosulfan sulfate [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endrin [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endrin aldehyde [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endrin ketone [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Heptachlor [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Heptachlor epoxide [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Hexachlorobenzene [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Methoxychlor [2]	ND	0.053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Toxaphene [1]	ND	0.11	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	64.3	30-150		2/1/12 23:19
Decachlorobiphenyl [2]	68.2	30-150		2/1/12 23:19
Tetrachloro-m-xylene [1]	72.5	30-150		2/1/12 23:19
Tetrachloro-m-xylene [2]	69.7	30-150		2/1/12 23:19

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	73.8	30-150		2/1/12 14:13
Decachlorobiphenyl [2]	69.6	30-150		2/1/12 14:13
Tetrachloro-m-xylene [1]	90.4	30-150		2/1/12 14:13
Tetrachloro-m-xylene [2]	90.1	30-150		2/1/12 14:13

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	5000	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Barium	90	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Calcium	4300	7.8	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Chromium	6.8	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Cobalt	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Copper	11	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Iron	5800	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Lead	45	0.78	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Magnesium	1100	7.8	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Manganese	50	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Mercury	0.045	0.026	mg/Kg dry	1		SW-846 7471B	1/30/12	1/30/12 17:00	AMR
Nickel	3.4	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Potassium	270	100	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Sodium	110	100	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Vanadium	12	1.0	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Zinc	66	1.0	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.42	mg/Kg dry	1		SW846 9014	2/3/12	2/3/12 9:05	VAK
% Solids	92.8		% Wt	1		SM 2540G	2/2/12	2/3/12 11:20	PJS

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Acrylonitrile	ND	0.0051	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromomethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
2-Butanone (MEK)	ND	0.034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	mg/Kg dry	1	MS-07A, V-16	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Carbon Disulfide	ND	0.0051	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chlorodibromomethane	ND	0.00084	mg/Kg dry	1	MS-07A, V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chloroethane	ND	0.017	mg/Kg dry	1	R-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chloromethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dibromoethane (EDB)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1	MS-07A, V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1	L-04, MS-09, V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,3-Dichloropropane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
cis-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
trans-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,4-Dioxane	ND	0.084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Naphthalene	ND	0.0034	mg/Kg dry	1	MS-07A	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Tetrachloroethylene	0.019	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Tetrahydrofuran	ND	0.0084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1	MS-07A	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0084	mg/Kg dry	1	MS-09, V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Vinyl Chloride	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
m+p Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	82.4	70-130		1/30/12 12:47
Toluene-d8	93.6	70-130		1/30/12 12:47
4-Bromofluorobenzene	80.1	70-130		1/30/12 12:47

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Aniline	ND	0.37	mg/Kg dry	1	MS-09	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzidine	ND	0.37	mg/Kg dry	1	L-04, MS-09, V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, MS-09, V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1	R-06	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Hexachlorocyclopentadiene	ND	0.72	mg/Kg dry	1	R-06	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Pyridine	ND	0.37	mg/Kg dry	1	MS-09	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	68.6	30-130		2/2/12 16:20
Phenol-d6	72.7	30-130		2/2/12 16:20
Nitrobenzene-d5	61.5	30-130		2/2/12 16:20
2-Fluorobiphenyl	68.6	30-130		2/2/12 16:20
2,4,6-Tribromophenol	69.9	30-130		2/2/12 16:20
Terphenyl-d14	50.0	30-130		2/2/12 16:20

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Aldrin [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
alpha-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
beta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
delta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
gamma-BHC (Lindane) [1]	ND	0.0021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Chlordane [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
4,4'-DDD [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
4,4'-DDE [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
4,4'-DDT [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Dieldrin [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endosulfan I [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endosulfan II [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endosulfan sulfate [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endrin [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endrin aldehyde [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endrin ketone [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Heptachlor [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Heptachlor epoxide [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Hexachlorobenzene [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Methoxychlor [1]	ND	0.053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Toxaphene [1]	ND	0.11	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	74.9	30-150		2/1/12 19:42
Decachlorobiphenyl [2]	77.8	30-150		2/1/12 19:42
Tetrachloro-m-xylene [1]	78.1	30-150		2/1/12 19:42
Tetrachloro-m-xylene [2]	77.9	30-150		2/1/12 19:42

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	76.1	30-150		2/1/12 14:26
Decachlorobiphenyl [2]	71.6	30-150		2/1/12 14:26
Tetrachloro-m-xylene [1]	90.6	30-150		2/1/12 14:26
Tetrachloro-m-xylene [2]	90.3	30-150		2/1/12 14:26

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	7800	2.7	mg/Kg dry	1	MS-19	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Antimony	ND	2.7	mg/Kg dry	1	MS-07A	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Barium	13	2.7	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Calcium	450	8.0	mg/Kg dry	1	MS-19	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Chromium	6.0	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Cobalt	ND	2.7	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Copper	2.1	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Iron	6500	2.7	mg/Kg dry	1	MS-19	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Lead	7.3	0.80	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Magnesium	400	8.0	mg/Kg dry	1	MS-12	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Manganese	17	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	1/30/12	1/30/12 16:28	AMR
Nickel	2.4	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Potassium	280	110	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Sodium	ND	110	mg/Kg dry	1	MS-15	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Vanadium	11	1.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Zinc	13	1.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.38	mg/Kg dry	1		SW846 9014	2/3/12	2/3/12 9:05	VAK
% Solids	91.5		% Wt	1		SM 2540G	2/2/12	2/3/12 11:20	PJS

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12A0882-01 [FPC-SB01]	B045524	02/02/12
12A0882-02 [FPC-SB02]	B045524	02/02/12
12A0882-03 [FPC-SB02/D]	B045524	02/02/12
12A0882-04 [FPC-SB03]	B045524	02/02/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045655	1.04	50.0	02/01/12
12A0882-02 [FPC-SB02]	B045655	1.02	50.0	02/01/12
12A0882-03 [FPC-SB02/D]	B045655	1.03	50.0	02/01/12
12A0882-04 [FPC-SB03]	B045655	1.03	50.0	02/01/12

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045193	0.605	50.0	01/30/12
12A0882-02 [FPC-SB02]	B045193	0.606	50.0	01/30/12
12A0882-03 [FPC-SB02/D]	B045193	0.610	50.0	01/30/12
12A0882-04 [FPC-SB03]	B045193	0.598	50.0	01/30/12

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045472	10.3	10.0	01/31/12
12A0882-02 [FPC-SB02]	B045472	10.2	10.0	01/31/12
12A0882-03 [FPC-SB02/D]	B045472	10.1	10.0	01/31/12
12A0882-04 [FPC-SB03]	B045472	10.3	10.0	01/31/12

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045275	10.3	10.0	01/31/12
12A0882-02 [FPC-SB02]	B045275	10.2	10.0	01/31/12
12A0882-03 [FPC-SB02/D]	B045275	10.1	10.0	01/31/12
12A0882-04 [FPC-SB03]	B045275	10.3	10.0	01/31/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045245	7.93	10.0	01/30/12
12A0882-02 [FPC-SB02]	B045245	6.31	10.0	01/30/12
12A0882-03 [FPC-SB02/D]	B045245	6.44	10.0	01/30/12
12A0882-04 [FPC-SB03]	B045245	6.48	10.0	01/30/12

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045341	30.1	1.00	01/31/12
12A0882-02 [FPC-SB02]	B045341	30.2	1.00	01/31/12
12A0882-03 [FPC-SB02/D]	B045341	30.0	1.00	01/31/12
12A0882-04 [FPC-SB03]	B045341	30.1	1.00	01/31/12

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045459	1.18	50.0	02/03/12
12A0882-02 [FPC-SB02]	B045459	1.61	50.0	02/03/12
12A0882-03 [FPC-SB02/D]	B045459	1.27	50.0	02/03/12
12A0882-04 [FPC-SB03]	B045459	1.42	50.0	02/03/12

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045245 - SW-846 5035										
Blank (B045245-BLK1)			Prepared & Analyzed: 01/30/12							
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							V-05
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							V-05
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							V-05
Chloroethane	ND	0.020	mg/Kg wet							R-05
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							L-04, V-05
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							V-05
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B045245 - SW-846 5035											
Blank (B045245-BLK1)				Prepared & Analyzed: 01/30/12							
Methylene Chloride	ND	0.020	mg/Kg wet								
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet								
Naphthalene	ND	0.0040	mg/Kg wet								
n-Propylbenzene	ND	0.0020	mg/Kg wet								
Styrene	ND	0.0020	mg/Kg wet								
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							V-05	
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							V-05	
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0407*		mg/Kg wet	0.0500		81.4	70-130				
Surrogate: Toluene-d8	*0.0479*		mg/Kg wet	0.0500		95.8	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0464*		mg/Kg wet	0.0500		92.8	70-130				
LCS (B045245-BS1)				Prepared & Analyzed: 01/30/12							
Acetone	0.187	0.10	mg/Kg wet	0.200		93.7	70-160			V-16	†
Acrylonitrile	0.0176	0.0060	mg/Kg wet	0.0200		88.2	70-130				
tert-Amyl Methyl Ether (TAME)	0.0189	0.0010	mg/Kg wet	0.0200		94.7	70-130				
Benzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
Bromobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130				
Bromochloromethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromodichloromethane	0.0148	0.0020	mg/Kg wet	0.0200		74.2	70-130			V-05	
Bromoform	0.0168	0.0020	mg/Kg wet	0.0200		83.9	70-130				
Bromomethane	0.0127	0.010	mg/Kg wet	0.0200		63.4	40-130				†
2-Butanone (MEK)	0.179	0.040	mg/Kg wet	0.200		89.6	70-160				†
tert-Butyl Alcohol (TBA)	0.141	0.040	mg/Kg wet	0.200		70.3	40-130			V-16	†
n-Butylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130				
sec-Butylbenzene	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130				
tert-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-160				†
tert-Butyl Ethyl Ether (TBEE)	0.0157	0.0010	mg/Kg wet	0.0200		78.3	70-130				
Carbon Disulfide	0.0210	0.0060	mg/Kg wet	0.0200		105	70-130				
Carbon Tetrachloride	0.0151	0.0020	mg/Kg wet	0.0200		75.5	70-130			V-05	
Chlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130				
Chlorodibromomethane	0.0149	0.0010	mg/Kg wet	0.0200		74.4	70-130			V-05	
Chloroethane	0.0165	0.020	mg/Kg wet	0.0200		82.6	70-130			R-05	
Chloroform	0.0174	0.0040	mg/Kg wet	0.0200		86.9	70-130				
Chloromethane	0.0203	0.010	mg/Kg wet	0.0200		102	70-130				
2-Chlorotoluene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B045245 - SW-846 5035												
LCS (B045245-BS1)				Prepared & Analyzed: 01/30/12								
4-Chlorotoluene	0.0199	0.0020	mg/Kg wet	0.0200		99.7		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0157	0.0020	mg/Kg wet	0.0200		78.6		70-130				
1,2-Dibromoethane (EDB)	0.0186	0.0010	mg/Kg wet	0.0200		93.0		70-130				
Dibromomethane	0.0179	0.0020	mg/Kg wet	0.0200		89.5		70-130				
1,2-Dichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130				
1,3-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
1,4-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
trans-1,4-Dichloro-2-butene	0.0155	0.0040	mg/Kg wet	0.0200		77.3		70-130				
Dichlorodifluoromethane (Freon 12)	0.0155	0.020	mg/Kg wet	0.0200		77.6		40-160			V-05	†
1,1-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.7		70-130				
1,2-Dichloroethane	0.0132	0.0020	mg/Kg wet	0.0200		**65.8**	*	70-130			V-05, L-04	
1,1-Dichloroethylene	0.0160	0.0040	mg/Kg wet	0.0200		80.0		70-130				
cis-1,2-Dichloroethylene	0.0172	0.0020	mg/Kg wet	0.0200		85.8		70-130				
trans-1,2-Dichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.4		70-130				
1,2-Dichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
1,3-Dichloropropane	0.0187	0.0010	mg/Kg wet	0.0200		93.6		70-130				
2,2-Dichloropropane	0.0152	0.0020	mg/Kg wet	0.0200		76.2		70-130			V-05	
1,1-Dichloropropene	0.0185	0.0020	mg/Kg wet	0.0200		92.3		70-130				
cis-1,3-Dichloropropene	0.0183	0.0010	mg/Kg wet	0.0200		91.7		70-130				
trans-1,3-Dichloropropene	0.0179	0.0010	mg/Kg wet	0.0200		89.7		70-130				
Diethyl Ether	0.0206	0.020	mg/Kg wet	0.0200		103		70-130				
Diisopropyl Ether (DIPE)	0.0180	0.0010	mg/Kg wet	0.0200		89.9		70-130				
1,4-Dioxane	0.173	0.10	mg/Kg wet	0.200		86.6		40-160			V-16	†
Ethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130				
Hexachlorobutadiene	0.0174	0.0020	mg/Kg wet	0.0200		87.1		70-160				
2-Hexanone (MBK)	0.155	0.020	mg/Kg wet	0.200		77.5		70-160				†
Isopropylbenzene (Cumene)	0.0260	0.0020	mg/Kg wet	0.0200		130		70-130				
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.0200		99.0		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0170	0.0040	mg/Kg wet	0.0200		85.0		70-130				
Methylene Chloride	0.0166	0.020	mg/Kg wet	0.0200		82.9		40-160				†
4-Methyl-2-pentanone (MIBK)	0.151	0.020	mg/Kg wet	0.200		75.4		70-160				†
Naphthalene	0.0196	0.0040	mg/Kg wet	0.0200		98.1		40-130				†
n-Propylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
Styrene	0.0229	0.0020	mg/Kg wet	0.0200		114		70-130				
1,1,1,2-Tetrachloroethane	0.0183	0.0020	mg/Kg wet	0.0200		91.3		70-130				
1,1,2,2-Tetrachloroethane	0.0224	0.0010	mg/Kg wet	0.0200		112		70-130				
Tetrachloroethylene	0.0179	0.0020	mg/Kg wet	0.0200		89.7		70-130				
Tetrahydrofuran	0.0213	0.010	mg/Kg wet	0.0200		107		70-130			V-16	
Toluene	0.0184	0.0020	mg/Kg wet	0.0200		92.2		70-130				
1,2,3-Trichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
1,2,4-Trichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
1,3,5-Trichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130				
1,1,1-Trichloroethane	0.0148	0.0020	mg/Kg wet	0.0200		74.2		70-130			V-05	
1,1,2-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.6		70-130				
Trichloroethylene	0.0182	0.0020	mg/Kg wet	0.0200		90.9		70-130				
Trichlorofluoromethane (Freon 11)	0.0142	0.010	mg/Kg wet	0.0200		71.1		70-130			V-05	
1,2,3-Trichloropropane	0.0186	0.0020	mg/Kg wet	0.0200		93.0		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0167	0.010	mg/Kg wet	0.0200		83.5		70-130				
1,2,4-Trimethylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
1,3,5-Trimethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130				
Vinyl Chloride	0.0195	0.010	mg/Kg wet	0.0200		97.3		40-130				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B045245 - SW-846 5035													
LCS (B045245-BS1)				Prepared & Analyzed: 01/30/12									
m+p Xylene	0.0410	0.0040	mg/Kg wet	0.0400		102		70-130					
o-Xylene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130					
Surrogate: 1,2-Dichloroethane-d4	*0.0399*		mg/Kg wet	0.0500		79.8		70-130					
Surrogate: Toluene-d8	*0.0483*		mg/Kg wet	0.0500		96.7		70-130					
Surrogate: 4-Bromofluorobenzene	*0.0476*		mg/Kg wet	0.0500		95.2		70-130					
LCS Dup (B045245-BSD1)				Prepared & Analyzed: 01/30/12									
Acetone	0.164	0.10	mg/Kg wet	0.200		81.9		70-160	13.4		25	V-16	†
Acrylonitrile	0.0179	0.0060	mg/Kg wet	0.0200		89.7		70-130	1.69		25		
tert-Amyl Methyl Ether (TAME)	0.0187	0.0010	mg/Kg wet	0.0200		93.4		70-130	1.38		25		
Benzene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	1.52		25		
Bromobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.4		70-130	0.504		25		
Bromochloromethane	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130	0.674		25		
Bromodichloromethane	0.0145	0.0020	mg/Kg wet	0.0200		72.4		70-130	2.46		25	V-05	
Bromoform	0.0169	0.0020	mg/Kg wet	0.0200		84.7		70-130	0.949		25		
Bromomethane	0.0115	0.010	mg/Kg wet	0.0200		57.5		40-130	9.76		25		†
2-Butanone (MEK)	0.168	0.040	mg/Kg wet	0.200		83.8		70-160	6.61		25		†
tert-Butyl Alcohol (TBA)	0.144	0.040	mg/Kg wet	0.200		72.2		40-130	2.57		25	V-16	†
n-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130	2.03		25		
sec-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130	2.56		25		
tert-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-160	1.59		25		†
tert-Butyl Ethyl Ether (TBEE)	0.0156	0.0010	mg/Kg wet	0.0200		78.0		70-130	0.384		25		
Carbon Disulfide	0.0214	0.0060	mg/Kg wet	0.0200		107		70-130	1.98		25		
Carbon Tetrachloride	0.0144	0.0020	mg/Kg wet	0.0200		72.0		70-130	4.75		25	V-05	
Chlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	0.557		25		
Chlorodibromomethane	0.0149	0.0010	mg/Kg wet	0.0200		74.5		70-130	0.134		25	V-05	
Chloroethane	0.0124	0.020	mg/Kg wet	0.0200		**61.9**	*	70-130	**28.7**	*	25	L-07A, R-05	
Chloroform	0.0169	0.0040	mg/Kg wet	0.0200		84.6		70-130	2.68		25		
Chloromethane	0.0195	0.010	mg/Kg wet	0.0200		97.3		70-130	4.32		25		
2-Chlorotoluene	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130	1.68		25		
4-Chlorotoluene	0.0194	0.0020	mg/Kg wet	0.0200		97.2		70-130	2.54		25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0155	0.0020	mg/Kg wet	0.0200		77.7		70-130	1.15		25		
1,2-Dibromoethane (EDB)	0.0183	0.0010	mg/Kg wet	0.0200		91.5		70-130	1.63		25		
Dibromomethane	0.0179	0.0020	mg/Kg wet	0.0200		89.3		70-130	0.224		25		
1,2-Dichlorobenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	3.45		25		
1,3-Dichlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	0.273		25		
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130	0.401		25		
trans-1,4-Dichloro-2-butene	0.0157	0.0040	mg/Kg wet	0.0200		78.3		70-130	1.29		25		
Dichlorodifluoromethane (Freon 12)	0.0148	0.020	mg/Kg wet	0.0200		73.9		40-160	4.88		25	V-05	†
1,1-Dichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.2		70-130	2.59		25		
1,2-Dichloroethane	0.0131	0.0020	mg/Kg wet	0.0200		**65.7**	*	70-130	0.152		25	L-04, V-05	
1,1-Dichloroethylene	0.0154	0.0040	mg/Kg wet	0.0200		76.8		70-130	4.08		25		
cis-1,2-Dichloroethylene	0.0165	0.0020	mg/Kg wet	0.0200		82.5		70-130	3.92		25		
trans-1,2-Dichloroethylene	0.0180	0.0020	mg/Kg wet	0.0200		89.9		70-130	4.88		25		
1,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	1.08		25		
1,3-Dichloropropane	0.0189	0.0010	mg/Kg wet	0.0200		94.4		70-130	0.851		25		
2,2-Dichloropropane	0.0147	0.0020	mg/Kg wet	0.0200		73.6		70-130	3.47		25	V-05	
1,1-Dichloropropene	0.0180	0.0020	mg/Kg wet	0.0200		89.9		70-130	2.63		25		
cis-1,3-Dichloropropene	0.0188	0.0010	mg/Kg wet	0.0200		93.8		70-130	2.26		25		
trans-1,3-Dichloropropene	0.0174	0.0010	mg/Kg wet	0.0200		87.0		70-130	3.06		25		
Diethyl Ether	0.0192	0.020	mg/Kg wet	0.0200		96.2		70-130	6.92		25		
Diisopropyl Ether (DIPE)	0.0174	0.0010	mg/Kg wet	0.0200		87.1		70-130	3.16		25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B045245 - SW-846 5035												
LCS Dup (B045245-BSD1)				Prepared & Analyzed: 01/30/12								
1,4-Dioxane	0.206	0.10	mg/Kg wet	0.200		103		40-160	17.1	50	V-16	† ‡
Ethylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	3.31	25		
Hexachlorobutadiene	0.0165	0.0020	mg/Kg wet	0.0200		82.6		70-160	5.30	25		
2-Hexanone (MBK)	0.153	0.020	mg/Kg wet	0.200		76.6		70-160	1.06	25		†
Isopropylbenzene (Cumene)	0.0253	0.0020	mg/Kg wet	0.0200		126		70-130	2.88	25		
p-Isopropyltoluene (p-Cymene)	0.0195	0.0020	mg/Kg wet	0.0200		97.6		70-130	1.42	25		
Methyl tert-Butyl Ether (MTBE)	0.0165	0.0040	mg/Kg wet	0.0200		82.3		70-130	3.23	25		
Methylene Chloride	0.0160	0.020	mg/Kg wet	0.0200		80.1		40-160	3.44	25		†
4-Methyl-2-pentanone (MIBK)	0.149	0.020	mg/Kg wet	0.200		74.6		70-160	1.05	25		†
Naphthalene	0.0204	0.0040	mg/Kg wet	0.0200		102		40-130	3.90	25		†
n-Propylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	2.40	25		
Styrene	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130	0.175	25		
1,1,1,2-Tetrachloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.2		70-130	0.981	25		
1,1,2,2-Tetrachloroethane	0.0229	0.0010	mg/Kg wet	0.0200		114		70-130	2.21	25		
Tetrachloroethylene	0.0172	0.0020	mg/Kg wet	0.0200		85.8		70-130	4.44	25		
Tetrahydrofuran	0.0209	0.010	mg/Kg wet	0.0200		104		70-130	2.27	25	V-16	
Toluene	0.0179	0.0020	mg/Kg wet	0.0200		89.6		70-130	2.86	25		
1,2,3-Trichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	1.51	25		
1,2,4-Trichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	1.50	25		
1,3,5-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130	2.47	25		
1,1,1-Trichloroethane	0.0146	0.0020	mg/Kg wet	0.0200		73.1		70-130	1.49	25	V-05	
1,1,2-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.3		70-130	0.305	25		
Trichloroethylene	0.0175	0.0020	mg/Kg wet	0.0200		87.3		70-130	4.04	25		
Trichlorofluoromethane (Freon 11)	0.0137	0.010	mg/Kg wet	0.0200		**68.6**	*	70-130	3.58	25	L-07, V-05	
1,2,3-Trichloropropane	0.0185	0.0020	mg/Kg wet	0.0200		92.5		70-130	0.539	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0168	0.010	mg/Kg wet	0.0200		84.2		70-130	0.835	25		
1,2,4-Trimethylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	1.33	25		
1,3,5-Trimethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9		70-130	3.35	25		
Vinyl Chloride	0.0197	0.010	mg/Kg wet	0.0200		98.4		40-130	1.12	25		†
m+p Xylene	0.0401	0.0040	mg/Kg wet	0.0400		100		70-130	2.27	25		
o-Xylene	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130	1.46	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0400*		mg/Kg wet	0.0500		80.0		70-130				
Surrogate: Toluene-d8	*0.0485*		mg/Kg wet	0.0500		96.9		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0474*		mg/Kg wet	0.0500		94.9		70-130				
Matrix Spike (B045245-MS1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12								
Acetone	0.119	0.070	mg/Kg dry	0.140	ND	85.2		70-130			V-16	
Acrylonitrile	0.0124	0.0042	mg/Kg dry	0.0140	ND	88.4		70-130				
tert-Amyl Methyl Ether (TAME)	0.0129	0.00070	mg/Kg dry	0.0140	ND	92.5		70-130				
Benzene	0.0173	0.0014	mg/Kg dry	0.0140	ND	124		70-130				
Bromobenzene	0.0127	0.0014	mg/Kg dry	0.0140	ND	91.0		70-130				
Bromochloromethane	0.0145	0.0014	mg/Kg dry	0.0140	ND	104		70-130				
Bromodichloromethane	0.00912	0.0014	mg/Kg dry	0.0140	ND	**65.2**	*	70-130			MS-24, V-05	
Bromoform	0.00996	0.0014	mg/Kg dry	0.0140	ND	71.2		70-130				
Bromomethane	0.00788	0.0070	mg/Kg dry	0.0140	ND	**56.3**	*	70-130			MS-24	
2-Butanone (MEK)	0.123	0.028	mg/Kg dry	0.140	ND	88.0		70-130				
tert-Butyl Alcohol (TBA)	0.0827	0.028	mg/Kg dry	0.140	ND	**59.1**	*	70-130			MS-07A, V-16	
n-Butylbenzene	0.0163	0.0014	mg/Kg dry	0.0140	ND	116		70-130				
sec-Butylbenzene	0.0185	0.0014	mg/Kg dry	0.0140	ND	**132**	*	70-130			MS-15	
tert-Butylbenzene	0.0178	0.0014	mg/Kg dry	0.0140	ND	127		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.00999	0.00070	mg/Kg dry	0.0140	ND	71.4		70-130				
Carbon Disulfide	0.0105	0.0042	mg/Kg dry	0.0140	ND	74.7		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045245 - SW-846 5035											
Matrix Spike (B045245-MS1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12							
Carbon Tetrachloride	0.00931	0.0014	mg/Kg dry	0.0140	ND	**66.5**	*	70-130			MS-24, V-05
Chlorobenzene	0.0160	0.0014	mg/Kg dry	0.0140	ND	114		70-130			
Chlorodibromomethane	0.00855	0.00070	mg/Kg dry	0.0140	ND	**61.1**	*	70-130			MS-07A, V-05
Chloroethane	0.00964	0.014	mg/Kg dry	0.0140	ND	**68.9**	*	70-130			MS-22, R-05
Chloroform	0.0116	0.0028	mg/Kg dry	0.0140	ND	83.1		70-130			
Chloromethane	0.0121	0.0070	mg/Kg dry	0.0140	ND	86.8		70-130			
2-Chlorotoluene	0.0134	0.0014	mg/Kg dry	0.0140	ND	95.9		70-130			
4-Chlorotoluene	0.0128	0.0014	mg/Kg dry	0.0140	ND	91.4		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0103	0.0014	mg/Kg dry	0.0140	ND	73.8		70-130			
1,2-Dibromoethane (EDB)	0.0116	0.00070	mg/Kg dry	0.0140	ND	83.1		70-130			
Dibromomethane	0.0117	0.0014	mg/Kg dry	0.0140	ND	83.9		70-130			
1,2-Dichlorobenzene	0.0152	0.0014	mg/Kg dry	0.0140	ND	109		70-130			
1,3-Dichlorobenzene	0.0156	0.0014	mg/Kg dry	0.0140	ND	112		70-130			
1,4-Dichlorobenzene	0.0144	0.0014	mg/Kg dry	0.0140	ND	103		70-130			
trans-1,4-Dichloro-2-butene	0.00953	0.0028	mg/Kg dry	0.0140	ND	**68.1**	*	70-130			MS-24
Dichlorodifluoromethane (Freon 12)	0.00834	0.014	mg/Kg dry	0.0140	ND	**59.6**	*	70-130			MS-07A, V-05
1,1-Dichloroethane	0.0137	0.0014	mg/Kg dry	0.0140	ND	98.1		70-130			
1,2-Dichloroethane	0.00800	0.0014	mg/Kg dry	0.0140	ND	**57.2**	*	70-130			L-04, MS-09, V-05
1,1-Dichloroethylene	0.00914	0.0028	mg/Kg dry	0.0140	ND	**65.3**	*	70-130			MS-24
cis-1,2-Dichloroethylene	0.0116	0.0014	mg/Kg dry	0.0140	ND	83.0		70-130			
trans-1,2-Dichloroethylene	0.0131	0.0014	mg/Kg dry	0.0140	ND	93.9		70-130			
1,2-Dichloropropane	0.0137	0.0014	mg/Kg dry	0.0140	ND	97.7		70-130			
1,3-Dichloropropane	0.0125	0.00070	mg/Kg dry	0.0140	ND	89.0		70-130			
2,2-Dichloropropane	0.00950	0.0014	mg/Kg dry	0.0140	ND	**67.9**	*	70-130			MS-24, V-05
1,1-Dichloropropene	0.0127	0.0014	mg/Kg dry	0.0140	ND	91.0		70-130			
cis-1,3-Dichloropropene	0.0116	0.00070	mg/Kg dry	0.0140	ND	82.9		70-130			
trans-1,3-Dichloropropene	0.0104	0.00070	mg/Kg dry	0.0140	ND	74.0		70-130			
Diethyl Ether	0.0114	0.014	mg/Kg dry	0.0140	ND	81.4		70-130			
Diisopropyl Ether (DIPE)	0.0117	0.00070	mg/Kg dry	0.0140	ND	83.8		70-130			
1,4-Dioxane	0.134	0.070	mg/Kg dry	0.140	ND	95.7		70-130			V-16
Ethylbenzene	0.0153	0.0014	mg/Kg dry	0.0140	ND	109		70-130			
Hexachlorobutadiene	0.0110	0.0014	mg/Kg dry	0.0140	ND	78.3		70-130			
2-Hexanone (MBK)	0.0979	0.014	mg/Kg dry	0.140	ND	70.0		70-130			MS-24
Isopropylbenzene (Cumene)	0.0185	0.0014	mg/Kg dry	0.0140	ND	**132**	*	70-130			MS-24
p-Isopropyltoluene (p-Cymene)	0.0161	0.0014	mg/Kg dry	0.0140	ND	115		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0110	0.0028	mg/Kg dry	0.0140	ND	78.9		70-130			
Methylene Chloride	0.0113	0.014	mg/Kg dry	0.0140	ND	80.8		70-130			
4-Methyl-2-pentanone (MIBK)	0.0942	0.014	mg/Kg dry	0.140	ND	**67.3**	*	70-130			MS-24
Naphthalene	0.00805	0.0028	mg/Kg dry	0.0140	ND	**57.5**	*	70-130			MS-07A
n-Propylbenzene	0.0151	0.0014	mg/Kg dry	0.0140	ND	108		70-130			
Styrene	0.0158	0.0014	mg/Kg dry	0.0140	ND	113		70-130			
1,1,1,2-Tetrachloroethane	0.0124	0.0014	mg/Kg dry	0.0140	ND	88.8		70-130			
1,1,2,2-Tetrachloroethane	0.0163	0.00070	mg/Kg dry	0.0140	ND	117		70-130			
Tetrachloroethylene	0.0242	0.0014	mg/Kg dry	0.0140	0.0193	**34.8**	*	70-130			MS-12
Tetrahydrofuran	0.0126	0.0070	mg/Kg dry	0.0140	ND	89.7		70-130			V-16
Toluene	0.0126	0.0014	mg/Kg dry	0.0140	ND	90.1		70-130			
1,2,3-Trichlorobenzene	0.00877	0.0014	mg/Kg dry	0.0140	ND	**62.7**	*	70-130			MS-07A
1,2,4-Trichlorobenzene	0.00918	0.0014	mg/Kg dry	0.0140	ND	**65.6**	*	70-130			MS-24
1,3,5-Trichlorobenzene	0.0120	0.0014	mg/Kg dry	0.0140	ND	85.6		70-130			
1,1,1-Trichloroethane	0.00945	0.0014	mg/Kg dry	0.0140	ND	**67.5**	*	70-130			MS-24, V-05
1,1,2-Trichloroethane	0.0136	0.0014	mg/Kg dry	0.0140	ND	97.3		70-130			
Trichloroethylene	0.0119	0.0014	mg/Kg dry	0.0140	ND	84.9		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045245 - SW-846 5035											
Matrix Spike (B045245-MS1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12							
Trichlorofluoromethane (Freon 11)	0.00828	0.0070	mg/Kg dry	0.0140	ND	**59.2**	*	70-130			MS-09, V-05
1,2,3-Trichloropropane	0.0124	0.0014	mg/Kg dry	0.0140	ND	88.8		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00964	0.0070	mg/Kg dry	0.0140	ND	**68.9**	*	70-130			MS-24
1,2,4-Trimethylbenzene	0.0167	0.0014	mg/Kg dry	0.0140	ND	119		70-130			
1,3,5-Trimethylbenzene	0.0130	0.0014	mg/Kg dry	0.0140	ND	93.0		70-130			
Vinyl Chloride	0.0109	0.0070	mg/Kg dry	0.0140	ND	77.7		70-130			
m+p Xylene	0.0289	0.0028	mg/Kg dry	0.0280	ND	103		70-130			
o-Xylene	0.0141	0.0014	mg/Kg dry	0.0140	ND	101		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0260*		mg/Kg dry	0.0350		74.2		70-130			
Surrogate: Toluene-d8	*0.0337*		mg/Kg dry	0.0350		96.3		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0306*		mg/Kg dry	0.0350		87.5		70-130			
Matrix Spike Dup (B045245-MSD1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12							
Acetone	0.122	0.066	mg/Kg dry	0.132	ND	92.3		70-130	2.08	30	V-16
Acrylonitrile	0.0113	0.0040	mg/Kg dry	0.0132	ND	85.7		70-130	9.06	30	
tert-Amyl Methyl Ether (TAME)	0.0114	0.00066	mg/Kg dry	0.0132	ND	86.2		70-130	13.0	30	
Benzene	0.0141	0.0013	mg/Kg dry	0.0132	ND	107		70-130	20.8	30	
Bromobenzene	0.0116	0.0013	mg/Kg dry	0.0132	ND	87.8		70-130	9.54	30	
Bromochloromethane	0.0128	0.0013	mg/Kg dry	0.0132	ND	97.1		70-130	12.4	30	
Bromodichloromethane	0.00935	0.0013	mg/Kg dry	0.0132	ND	70.9		70-130	2.42	30	V-05
Bromoform	0.00980	0.0013	mg/Kg dry	0.0132	ND	74.3		70-130	1.70	30	
Bromomethane	0.00928	0.0066	mg/Kg dry	0.0132	ND	70.4		70-130	16.3	30	
2-Butanone (MEK)	0.109	0.026	mg/Kg dry	0.132	ND	82.5		70-130	12.3	30	
tert-Butyl Alcohol (TBA)	0.0783	0.026	mg/Kg dry	0.132	ND	**59.4**	*	70-130	5.39	30	MS-07A, V-16
n-Butylbenzene	0.0151	0.0013	mg/Kg dry	0.0132	ND	115		70-130	7.09	30	
sec-Butylbenzene	0.0178	0.0013	mg/Kg dry	0.0132	ND	**135**	*	70-130	3.42	30	MS-15
tert-Butylbenzene	0.0177	0.0013	mg/Kg dry	0.0132	ND	**134**	*	70-130	0.227	30	MS-24
tert-Butyl Ethyl Ether (TBEE)	0.00951	0.00066	mg/Kg dry	0.0132	ND	72.1		70-130	4.99	30	
Carbon Disulfide	0.0130	0.0040	mg/Kg dry	0.0132	ND	98.8		70-130	21.9	30	
Carbon Tetrachloride	0.00947	0.0013	mg/Kg dry	0.0132	ND	71.8		70-130	1.70	30	V-05
Chlorobenzene	0.0137	0.0013	mg/Kg dry	0.0132	ND	104		70-130	15.6	30	
Chlorodibromomethane	0.00879	0.00066	mg/Kg dry	0.0132	ND	**66.7**	*	70-130	2.80	30	MS-07A, V-05
Chloroethane	0.0108	0.013	mg/Kg dry	0.0132	ND	82.3		70-130	11.8	30	R-05
Chloroform	0.0109	0.0026	mg/Kg dry	0.0132	ND	82.9		70-130	6.20	30	
Chloromethane	0.0150	0.0066	mg/Kg dry	0.0132	ND	114		70-130	21.2	30	
2-Chlorotoluene	0.0124	0.0013	mg/Kg dry	0.0132	ND	94.1		70-130	7.86	30	
4-Chlorotoluene	0.0116	0.0013	mg/Kg dry	0.0132	ND	88.0		70-130	9.75	30	
1,2-Dibromo-3-chloropropane (DBCP)	0.0101	0.0013	mg/Kg dry	0.0132	ND	76.8		70-130	1.98	30	
1,2-Dibromoethane (EDB)	0.0110	0.00066	mg/Kg dry	0.0132	ND	83.5		70-130	5.48	30	
Dibromomethane	0.0115	0.0013	mg/Kg dry	0.0132	ND	86.9		70-130	2.45	30	
1,2-Dichlorobenzene	0.0138	0.0013	mg/Kg dry	0.0132	ND	104		70-130	9.99	30	
1,3-Dichlorobenzene	0.0147	0.0013	mg/Kg dry	0.0132	ND	112		70-130	5.87	30	
1,4-Dichlorobenzene	0.0132	0.0013	mg/Kg dry	0.0132	ND	99.8		70-130	8.92	30	
trans-1,4-Dichloro-2-butene	0.00941	0.0026	mg/Kg dry	0.0132	ND	71.4		70-130	1.23	30	
Dichlorodifluoromethane (Freon 12)	0.00906	0.013	mg/Kg dry	0.0132	ND	**68.7**	*	70-130	8.24	30	MS-07A, V-05
1,1-Dichloroethane	0.0121	0.0013	mg/Kg dry	0.0132	ND	91.6		70-130	12.8	30	
1,2-Dichloroethane	0.00842	0.0013	mg/Kg dry	0.0132	ND	**63.9**	*	70-130	5.11	30	MS-09, V-05, L-04
1,1-Dichloroethylene	0.00981	0.0026	mg/Kg dry	0.0132	ND	74.4		70-130	7.08	30	
cis-1,2-Dichloroethylene	0.0107	0.0013	mg/Kg dry	0.0132	ND	81.3		70-130	8.03	30	
trans-1,2-Dichloroethylene	0.0119	0.0013	mg/Kg dry	0.0132	ND	90.2		70-130	9.98	30	
1,2-Dichloropropane	0.0127	0.0013	mg/Kg dry	0.0132	ND	96.4		70-130	7.30	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045245 - SW-846 5035											
Matrix Spike Dup (B045245-MSD1)	**Source: 12A0882-04**			Prepared & Analyzed: 01/30/12							
1,3-Dichloropropane	0.0116	0.00066	mg/Kg dry	0.0132	ND	88.0		70-130	7.09	30	
2,2-Dichloropropane	0.00943	0.0013	mg/Kg dry	0.0132	ND	71.5		70-130	0.798	30	V-05
1,1-Dichloropropene	0.0117	0.0013	mg/Kg dry	0.0132	ND	88.5		70-130	8.74	30	
cis-1,3-Dichloropropene	0.0109	0.00066	mg/Kg dry	0.0132	ND	82.7		70-130	6.20	30	
trans-1,3-Dichloropropene	0.0104	0.00066	mg/Kg dry	0.0132	ND	79.2		70-130	0.827	30	
Diethyl Ether	0.0123	0.013	mg/Kg dry	0.0132	ND	93.5		70-130	7.89	30	
Diisopropyl Ether (DIPE)	0.0108	0.00066	mg/Kg dry	0.0132	ND	81.8		70-130	8.38	30	
1,4-Dioxane	0.127	0.066	mg/Kg dry	0.132	ND	96.6		70-130	5.01	30	V-16
Ethylbenzene	0.0141	0.0013	mg/Kg dry	0.0132	ND	107		70-130	8.46	30	
Hexachlorobutadiene	0.0114	0.0013	mg/Kg dry	0.0132	ND	86.1		70-130	3.53	30	
2-Hexanone (MBK)	0.0955	0.013	mg/Kg dry	0.132	ND	72.4		70-130	2.45	30	
Isopropylbenzene (Cumene)	0.0163	0.0013	mg/Kg dry	0.0132	ND	124		70-130	12.4	30	
p-Isopropyltoluene (p-Cymene)	0.0152	0.0013	mg/Kg dry	0.0132	ND	115		70-130	5.70	30	
Methyl tert-Butyl Ether (MTBE)	0.0103	0.0026	mg/Kg dry	0.0132	ND	78.4		70-130	6.60	30	
Methylene Chloride	0.0115	0.013	mg/Kg dry	0.0132	ND	87.3		70-130	1.77	30	
4-Methyl-2-pentanone (MIBK)	0.0932	0.013	mg/Kg dry	0.132	ND	70.7		70-130	1.02	30	
Naphthalene	0.00753	0.0026	mg/Kg dry	0.0132	ND	**57.1**	*	70-130	6.66	30	MS-07A
n-Propylbenzene	0.0134	0.0013	mg/Kg dry	0.0132	ND	102		70-130	12.2	30	
Styrene	0.0138	0.0013	mg/Kg dry	0.0132	ND	104		70-130	13.7	30	
1,1,1,2-Tetrachloroethane	0.0122	0.0013	mg/Kg dry	0.0132	ND	92.7		70-130	1.67	30	
1,1,2,2-Tetrachloroethane	0.0137	0.00066	mg/Kg dry	0.0132	ND	104		70-130	17.6	30	
Tetrachloroethylene	0.0262	0.0013	mg/Kg dry	0.0132	0.0193	**52.0**	*	70-130	7.90	30	MS-12
Tetrahydrofuran	0.0131	0.0066	mg/Kg dry	0.0132	ND	99.0		70-130	3.90	30	V-16
Toluene	0.0111	0.0013	mg/Kg dry	0.0132	ND	84.5		70-130	12.4	30	
1,2,3-Trichlorobenzene	0.00850	0.0013	mg/Kg dry	0.0132	ND	**64.5**	*	70-130	3.13	30	MS-07A
1,2,4-Trichlorobenzene	0.00940	0.0013	mg/Kg dry	0.0132	ND	71.3		70-130	2.37	30	
1,3,5-Trichlorobenzene	0.0115	0.0013	mg/Kg dry	0.0132	ND	86.9		70-130	4.46	30	
1,1,1-Trichloroethane	0.00945	0.0013	mg/Kg dry	0.0132	ND	71.7		70-130	0.0718	30	V-05
1,1,2-Trichloroethane	0.0118	0.0013	mg/Kg dry	0.0132	ND	89.6		70-130	14.2	30	
Trichloroethylene	0.0110	0.0013	mg/Kg dry	0.0132	ND	83.6		70-130	7.50	30	
Trichlorofluoromethane (Freon 11)	0.00910	0.0066	mg/Kg dry	0.0132	ND	**69.0**	*	70-130	9.35	30	MS-09, V-05
1,2,3-Trichloropropane	0.0117	0.0013	mg/Kg dry	0.0132	ND	89.0		70-130	5.74	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0106	0.0066	mg/Kg dry	0.0132	ND	80.6		70-130	9.71	30	
1,2,4-Trimethylbenzene	0.0158	0.0013	mg/Kg dry	0.0132	ND	120		70-130	5.46	30	
1,3,5-Trimethylbenzene	0.0120	0.0013	mg/Kg dry	0.0132	ND	91.0		70-130	8.13	30	
Vinyl Chloride	0.0145	0.0066	mg/Kg dry	0.0132	ND	110		70-130	28.8	30	
m+p Xylene	0.0265	0.0026	mg/Kg dry	0.0264	ND	100		70-130	8.76	30	
o-Xylene	0.0130	0.0013	mg/Kg dry	0.0132	ND	98.3		70-130	8.67	30	
Surrogate: 1,2-Dichloroethane-d4	*0.0269*		mg/Kg dry	0.0330		81.6		70-130			
Surrogate: Toluene-d8	*0.0313*		mg/Kg dry	0.0330		95.0		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0280*		mg/Kg dry	0.0330		84.8		70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546										
Blank (B045341-BLK1)				Prepared: 01/31/12 Analyzed: 02/02/12						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.34	mg/Kg wet							L-04, V-20
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							L-04, V-20
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							V-20
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-20
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B045341 - SW-846 3546												
Blank (B045341-BLK1)				Prepared: 01/31/12 Analyzed: 02/02/12								
2-Methylphenol	ND	0.34	mg/Kg wet									
3/4-Methylphenol	ND	0.34	mg/Kg wet									
Naphthalene	ND	0.17	mg/Kg wet									
2-Nitroaniline	ND	0.34	mg/Kg wet									
3-Nitroaniline	ND	0.34	mg/Kg wet									
4-Nitroaniline	ND	0.34	mg/Kg wet									
Nitrobenzene	ND	0.34	mg/Kg wet									
2-Nitrophenol	ND	0.34	mg/Kg wet									
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet									
Pentachlorophenol	ND	0.34	mg/Kg wet								V-20	
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*4.50*		mg/Kg wet	6.67		67.4		30-130				
Surrogate: Phenol-d6	*4.56*		mg/Kg wet	6.67		68.4		30-130				
Surrogate: Nitrobenzene-d5	*2.14*		mg/Kg wet	3.33		64.2		30-130				
Surrogate: 2-Fluorobiphenyl	*2.30*		mg/Kg wet	3.33		69.1		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.87*		mg/Kg wet	6.67		73.0		30-130				
Surrogate: Terphenyl-d14	*2.42*		mg/Kg wet	3.33		72.6		30-130				
LCS (B045341-BS1)				Prepared: 01/31/12 Analyzed: 02/02/12								
Acenaphthene	1.34	0.17	mg/Kg wet	1.67		80.7		40-140				
Acenaphthylene	1.32	0.17	mg/Kg wet	1.67		79.0		40-140				
Acetophenone	1.17	0.34	mg/Kg wet	1.67		70.3		40-140				
Aniline	0.622	0.34	mg/Kg wet	1.67		37.3		10-140				†
Anthracene	1.49	0.17	mg/Kg wet	1.67		89.3		40-140				
Benzidine	0.551	0.34	mg/Kg wet	1.67		**33.1**	*	40-140			L-04, V-06	
Benzo(a)anthracene	1.50	0.17	mg/Kg wet	1.67		90.0		40-140				
Benzo(a)pyrene	1.44	0.17	mg/Kg wet	1.67		86.4		40-140				
Benzo(b)fluoranthene	1.42	0.17	mg/Kg wet	1.67		85.1		40-140				
Benzo(g,h,i)perylene	1.50	0.17	mg/Kg wet	1.67		90.1		40-140				
Benzo(k)fluoranthene	1.38	0.17	mg/Kg wet	1.67		83.1		40-140				
Benzoic Acid	ND	1.0	mg/Kg wet	1.67			*	30-130			L-04, V-06	
Bis(2-chloroethoxy)methane	1.35	0.34	mg/Kg wet	1.67		80.7		40-140				
Bis(2-chloroethyl)ether	1.23	0.34	mg/Kg wet	1.67		73.8		40-140				
Bis(2-chloroisopropyl)ether	1.12	0.34	mg/Kg wet	1.67		67.3		40-140				
Bis(2-Ethylhexyl)phthalate	1.85	0.34	mg/Kg wet	1.67		111		40-140				
4-Bromophenylphenylether	1.54	0.34	mg/Kg wet	1.67		92.2		40-140				
Butylbenzylphthalate	1.83	0.66	mg/Kg wet	1.67		110		40-140				
Carbazole	1.52	0.17	mg/Kg wet	1.67		91.0		40-140				
4-Chloroaniline	0.672	0.66	mg/Kg wet	1.67		40.3		10-140				†
4-Chloro-3-methylphenol	1.51	0.66	mg/Kg wet	1.67		90.3		30-130				
2-Chloronaphthalene	1.17	0.34	mg/Kg wet	1.67		70.0		40-140				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B045341 - SW-846 3546											
LCS (B045341-BS1)				Prepared: 01/31/12 Analyzed: 02/02/12							
2-Chlorophenol	1.17	0.34	mg/Kg wet	1.67		70.2	30-130				
4-Chlorophenylphenylether	1.44	0.34	mg/Kg wet	1.67		86.6	40-140				
Chrysene	1.43	0.17	mg/Kg wet	1.67		85.5	40-140				
Dibenz(a,h)anthracene	1.51	0.17	mg/Kg wet	1.67		90.7	40-140				
Dibenzofuran	1.34	0.34	mg/Kg wet	1.67		80.6	40-140				
Di-n-butylphthalate	1.55	0.34	mg/Kg wet	1.67		92.8	40-140				
1,2-Dichlorobenzene	1.14	0.34	mg/Kg wet	1.67		68.5	40-140				
1,3-Dichlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.3	40-140				
1,4-Dichlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.0	40-140				
3,3-Dichlorobenzidine	1.17	0.17	mg/Kg wet	1.67		70.1	20-140				†
2,4-Dichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.0	30-130				
Diethylphthalate	1.60	0.34	mg/Kg wet	1.67		96.1	40-140				
2,4-Dimethylphenol	1.40	0.34	mg/Kg wet	1.67		84.2	30-130				
Dimethylphthalate	1.58	0.66	mg/Kg wet	1.67		94.7	40-140				
4,6-Dinitro-2-methylphenol	1.58	0.34	mg/Kg wet	1.67		95.0	30-130			V-06	
2,4-Dinitrophenol	1.49	0.66	mg/Kg wet	1.67		89.5	30-130			V-06	
2,4-Dinitrotoluene	1.51	0.34	mg/Kg wet	1.67		90.6	40-140				
2,6-Dinitrotoluene	1.57	0.34	mg/Kg wet	1.67		94.4	40-140				
Di-n-octylphthalate	1.74	0.66	mg/Kg wet	1.67		104	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.41	0.34	mg/Kg wet	1.67		84.4	40-140				
Fluoranthene	1.48	0.17	mg/Kg wet	1.67		88.6	40-140				
Fluorene	1.38	0.17	mg/Kg wet	1.67		83.1	40-140				
Hexachlorobenzene	1.44	0.34	mg/Kg wet	1.67		86.2	40-140				
Hexachlorobutadiene	1.28	0.34	mg/Kg wet	1.67		76.5	40-140				
Hexachlorocyclopentadiene	1.27	0.66	mg/Kg wet	1.67		76.2	40-140				
Hexachloroethane	1.19	0.34	mg/Kg wet	1.67		71.2	40-140				
Indeno(1,2,3-cd)pyrene	1.56	0.17	mg/Kg wet	1.67		93.4	40-140				
Isophorone	1.34	0.34	mg/Kg wet	1.67		80.2	40-140				
1-Methylnaphthalene	1.34	0.17	mg/Kg wet	1.67		80.3	40-140				
2-Methylnaphthalene	1.21	0.17	mg/Kg wet	1.67		72.7	40-140				
2-Methylphenol	1.25	0.34	mg/Kg wet	1.67		74.7	30-130				
3/4-Methylphenol	1.64	0.34	mg/Kg wet	1.67		98.3	30-130				
Naphthalene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140				
2-Nitroaniline	1.41	0.34	mg/Kg wet	1.67		84.9	40-140				
3-Nitroaniline	1.20	0.34	mg/Kg wet	1.67		72.3	30-140				†
4-Nitroaniline	1.40	0.34	mg/Kg wet	1.67		84.0	40-140				
Nitrobenzene	1.24	0.34	mg/Kg wet	1.67		74.3	40-140				
2-Nitrophenol	1.37	0.34	mg/Kg wet	1.67		82.4	30-130				
4-Nitrophenol	1.63	0.66	mg/Kg wet	1.67		97.8	30-130				
N-Nitrosodimethylamine	1.11	0.34	mg/Kg wet	1.67		66.8	40-140				
N-Nitrosodiphenylamine	2.04	0.34	mg/Kg wet	1.67		122	40-140				
N-Nitrosodi-n-propylamine	1.39	0.34	mg/Kg wet	1.67		83.2	40-140				
Pentachloronitrobenzene	1.68	0.34	mg/Kg wet	1.67		101	40-140				
Pentachlorophenol	1.69	0.34	mg/Kg wet	1.67		101	30-130			V-06	
Phenanthrene	1.46	0.17	mg/Kg wet	1.67		87.8	40-140				
Phenol	1.16	0.34	mg/Kg wet	1.67		69.8	30-130				
Pyrene	1.90	0.17	mg/Kg wet	1.67		114	40-140				
Pyridine	0.893	0.34	mg/Kg wet	1.67		53.6	30-140				†
1,2,4,5-Tetrachlorobenzene	1.28	0.34	mg/Kg wet	1.67		76.8	40-140				
1,2,4-Trichlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.7	40-140				
2,4,5-Trichlorophenol	1.45	0.34	mg/Kg wet	1.67		86.8	30-130				
2,4,6-Trichlorophenol	1.51	0.34	mg/Kg wet	1.67		90.9	30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B045341 - SW-846 3546												
LCS (B045341-BS1)				Prepared: 01/31/12 Analyzed: 02/02/12								
Surrogate: 2-Fluorophenol	*4.81*		mg/Kg wet	6.67		72.1		30-130				
Surrogate: Phenol-d6	*4.87*		mg/Kg wet	6.67		73.0		30-130				
Surrogate: Nitrobenzene-d5	*2.60*		mg/Kg wet	3.33		77.9		30-130				
Surrogate: 2-Fluorobiphenyl	*2.68*		mg/Kg wet	3.33		80.3		30-130				
Surrogate: 2,4,6-Tribromophenol	*7.38*		mg/Kg wet	6.67		111		30-130				
Surrogate: Terphenyl-d14	*4.06*		mg/Kg wet	3.33		122		30-130				
LCS Dup (B045341-BSD1)				Prepared: 01/31/12 Analyzed: 02/02/12								
Acenaphthene	1.47	0.17	mg/Kg wet	1.67		88.1		40-140	8.82	30		
Acenaphthylene	1.46	0.17	mg/Kg wet	1.67		87.4		40-140	10.1	30		
Acetophenone	1.31	0.34	mg/Kg wet	1.67		78.4		40-140	10.8	30		
Aniline	0.777	0.34	mg/Kg wet	1.67		46.6		10-140	22.1	50		† ‡
Anthracene	1.58	0.17	mg/Kg wet	1.67		95.0		40-140	6.21	30		
Benzidine	0.592	0.34	mg/Kg wet	1.67		**35.5**	*	40-140	7.23	30	L-04, V-06	
Benzo(a)anthracene	1.60	0.17	mg/Kg wet	1.67		96.0		40-140	6.52	30		
Benzo(a)pyrene	1.53	0.17	mg/Kg wet	1.67		92.0		40-140	6.28	30		
Benzo(b)fluoranthene	1.57	0.17	mg/Kg wet	1.67		94.0		40-140	9.92	30		
Benzo(g,h,i)perylene	1.64	0.17	mg/Kg wet	1.67		98.2		40-140	8.54	30		
Benzo(k)fluoranthene	1.52	0.17	mg/Kg wet	1.67		91.2		40-140	9.34	30		
Benzoic Acid	0.237	1.0	mg/Kg wet	1.67		**14.2**	*	30-130		50	L-04, V-06	‡
Bis(2-chloroethoxy)methane	1.51	0.34	mg/Kg wet	1.67		90.9		40-140	11.8	30		
Bis(2-chloroethyl)ether	1.38	0.34	mg/Kg wet	1.67		82.6		40-140	11.2	30		
Bis(2-chloroisopropyl)ether	1.24	0.34	mg/Kg wet	1.67		74.1		40-140	9.70	30		
Bis(2-Ethylhexyl)phthalate	1.98	0.34	mg/Kg wet	1.67		119		40-140	7.02	30		
4-Bromophenylphenylether	1.60	0.34	mg/Kg wet	1.67		96.1		40-140	4.12	30		
Butylbenzylphthalate	1.98	0.66	mg/Kg wet	1.67		119		40-140	7.72	30		
Carbazole	1.63	0.17	mg/Kg wet	1.67		97.9		40-140	7.37	30		
4-Chloroaniline	0.683	0.66	mg/Kg wet	1.67		41.0		10-140	1.67	30		†
4-Chloro-3-methylphenol	1.49	0.66	mg/Kg wet	1.67		89.7		30-130	0.711	30		
2-Chloronaphthalene	1.32	0.34	mg/Kg wet	1.67		79.2		40-140	12.2	30		
2-Chlorophenol	1.36	0.34	mg/Kg wet	1.67		81.9		30-130	15.4	30		
4-Chlorophenylphenylether	1.54	0.34	mg/Kg wet	1.67		92.3		40-140	6.37	30		
Chrysene	1.51	0.17	mg/Kg wet	1.67		90.6		40-140	5.75	30		
Dibenz(a,h)anthracene	1.60	0.17	mg/Kg wet	1.67		96.1		40-140	5.80	30		
Dibenzofuran	1.45	0.34	mg/Kg wet	1.67		87.1		40-140	7.73	30		
Di-n-butylphthalate	1.67	0.34	mg/Kg wet	1.67		100		40-140	7.69	30		
1,2-Dichlorobenzene	1.23	0.34	mg/Kg wet	1.67		73.8		40-140	7.42	30		
1,3-Dichlorobenzene	1.22	0.34	mg/Kg wet	1.67		72.9		40-140	8.04	30		
1,4-Dichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.6		40-140	6.66	30		
3,3-Dichlorobenzidine	1.26	0.17	mg/Kg wet	1.67		75.7		20-140	7.69	50		† ‡
2,4-Dichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.2		30-130	5.03	30		
Diethylphthalate	1.65	0.34	mg/Kg wet	1.67		99.2		40-140	3.20	30		
2,4-Dimethylphenol	1.49	0.34	mg/Kg wet	1.67		89.2		30-130	5.74	30		
Dimethylphthalate	1.67	0.66	mg/Kg wet	1.67		100		40-140	5.46	30		
4,6-Dinitro-2-methylphenol	1.67	0.34	mg/Kg wet	1.67		100		30-130	5.53	30	V-06	
2,4-Dinitrophenol	1.59	0.66	mg/Kg wet	1.67		95.5		30-130	6.44	30	V-06	
2,4-Dinitrotoluene	1.61	0.34	mg/Kg wet	1.67		96.8		40-140	6.55	30		
2,6-Dinitrotoluene	1.67	0.34	mg/Kg wet	1.67		100		40-140	6.06	30		
Di-n-octylphthalate	2.00	0.66	mg/Kg wet	1.67		120		40-140	14.1	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.51	0.34	mg/Kg wet	1.67		90.8		40-140	7.37	30		
Fluoranthene	1.57	0.17	mg/Kg wet	1.67		94.2		40-140	6.06	30		
Fluorene	1.46	0.17	mg/Kg wet	1.67		87.3		40-140	4.98	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546										
LCS Dup (B045341-BSD1)				Prepared: 01/31/12 Analyzed: 02/02/12						
Hexachlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.6	40-140	3.91	30	
Hexachlorobutadiene	1.40	0.34	mg/Kg wet	1.67		84.0	40-140	9.32	30	
Hexachlorocyclopentadiene	1.44	0.66	mg/Kg wet	1.67		86.7	40-140	12.9	30	
Hexachloroethane	1.27	0.34	mg/Kg wet	1.67		75.9	40-140	6.50	30	
Indeno(1,2,3-cd)pyrene	1.62	0.17	mg/Kg wet	1.67		97.3	40-140	4.15	30	
Isophorone	1.42	0.34	mg/Kg wet	1.67		85.2	40-140	5.95	30	
1-Methylnaphthalene	1.41	0.17	mg/Kg wet	1.67		84.6	40-140	5.19	30	
2-Methylnaphthalene	1.28	0.17	mg/Kg wet	1.67		76.9	40-140	5.64	30	
2-Methylphenol	1.43	0.34	mg/Kg wet	1.67		85.7	30-130	13.7	30	
3/4-Methylphenol	1.89	0.34	mg/Kg wet	1.67		113	30-130	14.4	30	
Naphthalene	1.33	0.17	mg/Kg wet	1.67		80.0	40-140	9.43	30	
2-Nitroaniline	1.50	0.34	mg/Kg wet	1.67		89.8	40-140	5.61	30	
3-Nitroaniline	1.23	0.34	mg/Kg wet	1.67		73.9	30-140	2.27	30	†
4-Nitroaniline	1.49	0.34	mg/Kg wet	1.67		89.6	40-140	6.40	30	
Nitrobenzene	1.36	0.34	mg/Kg wet	1.67		81.7	40-140	9.49	30	
2-Nitrophenol	1.50	0.34	mg/Kg wet	1.67		89.8	30-130	8.52	30	
4-Nitrophenol	1.68	0.66	mg/Kg wet	1.67		101	30-130	2.82	50	‡
N-Nitrosodimethylamine	1.23	0.34	mg/Kg wet	1.67		74.1	40-140	10.3	30	
N-Nitrosodiphenylamine	2.15	0.34	mg/Kg wet	1.67		129	40-140	5.17	30	
N-Nitrosodi-n-propylamine	1.52	0.34	mg/Kg wet	1.67		91.2	40-140	9.17	30	
Pentachloronitrobenzene	1.78	0.34	mg/Kg wet	1.67		107	40-140	5.87	30	
Pentachlorophenol	1.77	0.34	mg/Kg wet	1.67		106	30-130	4.53	30	V-06
Phenanthrene	1.55	0.17	mg/Kg wet	1.67		93.2	40-140	5.97	30	
Phenol	1.36	0.34	mg/Kg wet	1.67		81.8	30-130	15.8	30	
Pyrene	2.03	0.17	mg/Kg wet	1.67		122	40-140	6.26	30	
Pyridine	0.910	0.34	mg/Kg wet	1.67		54.6	30-140	1.92	30	†
1,2,4,5-Tetrachlorobenzene	1.51	0.34	mg/Kg wet	1.67		90.4	40-140	16.2	30	
1,2,4-Trichlorobenzene	1.40	0.34	mg/Kg wet	1.67		84.2	40-140	8.08	30	
2,4,5-Trichlorophenol	1.64	0.34	mg/Kg wet	1.67		98.1	30-130	12.2	30	
2,4,6-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.3	30-130	4.77	30	
Surrogate: 2-Fluorophenol	*5.54*		mg/Kg wet	6.67		83.1	30-130			
Surrogate: Phenol-d6	*5.54*		mg/Kg wet	6.67		83.1	30-130			
Surrogate: Nitrobenzene-d5	*2.85*		mg/Kg wet	3.33		85.5	30-130			
Surrogate: 2-Fluorobiphenyl	*3.06*		mg/Kg wet	3.33		91.8	30-130			
Surrogate: 2,4,6-Tribromophenol	*7.51*		mg/Kg wet	6.67		113	30-130			
Surrogate: Terphenyl-d14	*4.24*		mg/Kg wet	3.33		127	30-130			
Matrix Spike (B045341-MS1)		**Source: 12A0882-04**		Prepared: 01/31/12 Analyzed: 02/02/12						
Acenaphthene	1.01	0.19	mg/Kg dry	1.82	ND	55.5	40-140			
Acenaphthylene	0.984	0.19	mg/Kg dry	1.82	ND	54.0	40-140			
Acetophenone	0.907	0.37	mg/Kg dry	1.82	ND	49.8	40-140			
Aniline	0.605	0.37	mg/Kg dry	1.82	ND	**33.2** *	40-140			MS-09
Anthracene	1.12	0.19	mg/Kg dry	1.82	ND	61.3	40-140			
Benzidine	0.432	0.37	mg/Kg dry	1.82	ND	**23.7** *	40-140			MS-09, V-06
Benzo(a)anthracene	1.10	0.19	mg/Kg dry	1.82	ND	60.6	40-140			
Benzo(a)pyrene	1.07	0.19	mg/Kg dry	1.82	ND	58.5	40-140			
Benzo(b)fluoranthene	1.04	0.19	mg/Kg dry	1.82	ND	57.2	40-140			
Benzo(g,h,i)perylene	1.17	0.19	mg/Kg dry	1.82	ND	64.3	40-140			
Benzo(k)fluoranthene	1.05	0.19	mg/Kg dry	1.82	ND	57.5	40-140			
Benzoic Acid	0.482	1.1	mg/Kg dry	1.82	ND	**26.5** *	40-140			MS-09, V-06
Bis(2-chloroethoxy)methane	1.01	0.37	mg/Kg dry	1.82	ND	55.4	40-140			
Bis(2-chloroethyl)ether	0.948	0.37	mg/Kg dry	1.82	ND	52.0	40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546											
Matrix Spike (B045341-MS1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/02/12							
Bis(2-chloroisopropyl)ether	0.858	0.37	mg/Kg dry	1.82	ND	47.1		40-140			
Bis(2-Ethylhexyl)phthalate	1.34	0.37	mg/Kg dry	1.82	ND	73.6		40-140			
4-Bromophenylphenylether	1.05	0.37	mg/Kg dry	1.82	ND	57.4		40-140			
Butylbenzylphthalate	1.40	0.72	mg/Kg dry	1.82	ND	76.7		40-140			
Carbazole	1.25	0.19	mg/Kg dry	1.82	ND	68.7		40-140			
4-Chloroaniline	0.647	0.72	mg/Kg dry	1.82	ND	**35.5**	*	40-140			MS-22
4-Chloro-3-methylphenol	0.977	0.72	mg/Kg dry	1.82	ND	53.7		30-130			
2-Chloronaphthalene	0.853	0.37	mg/Kg dry	1.82	ND	46.8		40-140			
2-Chlorophenol	0.899	0.37	mg/Kg dry	1.82	ND	49.3		30-130			
4-Chlorophenylphenylether	1.05	0.37	mg/Kg dry	1.82	ND	57.6		40-140			
Chrysene	1.05	0.19	mg/Kg dry	1.82	ND	57.4		40-140			
Dibenz(a,h)anthracene	1.13	0.19	mg/Kg dry	1.82	ND	62.0		40-140			
Dibenzofuran	0.975	0.37	mg/Kg dry	1.82	ND	53.5		40-140			
Di-n-butylphthalate	1.25	0.37	mg/Kg dry	1.82	ND	68.5		40-140			
1,2-Dichlorobenzene	0.856	0.37	mg/Kg dry	1.82	ND	47.0		40-140			
1,3-Dichlorobenzene	0.846	0.37	mg/Kg dry	1.82	ND	46.5		40-140			
1,4-Dichlorobenzene	0.845	0.37	mg/Kg dry	1.82	ND	46.4		40-140			
3,3-Dichlorobenzidine	0.900	0.19	mg/Kg dry	1.82	ND	49.4		40-140			R-06
2,4-Dichlorophenol	0.922	0.37	mg/Kg dry	1.82	ND	50.6		30-130			
Diethylphthalate	1.15	0.37	mg/Kg dry	1.82	ND	63.4		40-140			
2,4-Dimethylphenol	0.997	0.37	mg/Kg dry	1.82	ND	54.7		30-130			
Dimethylphthalate	1.11	0.72	mg/Kg dry	1.82	ND	60.8		40-140			
4,6-Dinitro-2-methylphenol	1.24	0.37	mg/Kg dry	1.82	ND	68.1		30-130			V-06
2,4-Dinitrophenol	1.11	0.72	mg/Kg dry	1.82	ND	60.8		30-130			V-06
2,4-Dinitrotoluene	1.08	0.37	mg/Kg dry	1.82	ND	59.2		40-140			
2,6-Dinitrotoluene	1.10	0.37	mg/Kg dry	1.82	ND	60.1		40-140			
Di-n-octylphthalate	1.28	0.72	mg/Kg dry	1.82	ND	70.5		40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.00	0.37	mg/Kg dry	1.82	ND	55.1		40-140			
Fluoranthene	1.24	0.19	mg/Kg dry	1.82	ND	67.9		40-140			
Fluorene	1.02	0.19	mg/Kg dry	1.82	ND	56.2		40-140			
Hexachlorobenzene	1.01	0.37	mg/Kg dry	1.82	ND	55.6		40-140			
Hexachlorobutadiene	0.943	0.37	mg/Kg dry	1.82	ND	51.8		40-140			
Hexachlorocyclopentadiene	1.01	0.72	mg/Kg dry	1.82	ND	55.6		30-130			R-06
Hexachloroethane	0.882	0.37	mg/Kg dry	1.82	ND	48.4		40-140			
Indeno(1,2,3-cd)pyrene	1.19	0.19	mg/Kg dry	1.82	ND	65.4		40-140			
Isophorone	0.961	0.37	mg/Kg dry	1.82	ND	52.8		40-140			
1-Methylnaphthalene	0.932	0.19	mg/Kg dry	1.82	ND	51.2		40-140			
2-Methylnaphthalene	0.842	0.19	mg/Kg dry	1.82	ND	46.2		40-140			
2-Methylphenol	0.906	0.37	mg/Kg dry	1.82	ND	49.7		30-130			
3/4-Methylphenol	1.46	0.37	mg/Kg dry	1.82	ND	80.1		30-130			
Naphthalene	0.891	0.19	mg/Kg dry	1.82	ND	48.9		40-140			
2-Nitroaniline	1.21	0.37	mg/Kg dry	1.82	ND	66.5		40-140			
3-Nitroaniline	1.07	0.37	mg/Kg dry	1.82	ND	58.6		40-140			
4-Nitroaniline	1.17	0.37	mg/Kg dry	1.82	ND	64.5		40-140			
Nitrobenzene	0.948	0.37	mg/Kg dry	1.82	ND	52.0		40-140			
2-Nitrophenol	1.01	0.37	mg/Kg dry	1.82	ND	55.4		30-130			
4-Nitrophenol	1.34	0.72	mg/Kg dry	1.82	ND	73.6		30-130			
N-Nitrosodimethylamine	0.886	0.37	mg/Kg dry	1.82	ND	48.6		40-140			
N-Nitrosodiphenylamine	1.38	0.37	mg/Kg dry	1.82	ND	75.8		40-140			
N-Nitrosodi-n-propylamine	1.03	0.37	mg/Kg dry	1.82	ND	56.3		40-140			
Pentachloronitrobenzene	1.20	0.37	mg/Kg dry	1.82	ND	66.0		40-140			
Pentachlorophenol	1.24	0.37	mg/Kg dry	1.82	ND	68.2		30-130			V-06

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546											
Matrix Spike (B045341-MS1)		**Source: 12A0882-04**		Prepared: 01/31/12 Analyzed: 02/02/12							
Phenanthrene	1.09	0.19	mg/Kg dry	1.82	ND	59.8		40-140			
Phenol	0.886	0.37	mg/Kg dry	1.82	ND	48.6		30-130			
Pyrene	1.48	0.19	mg/Kg dry	1.82	ND	81.1		40-140			
Pyridine	0.619	0.37	mg/Kg dry	1.82	ND	**34.0**	*	40-140			MS-09
1,2,4,5-Tetrachlorobenzene	1.01	0.37	mg/Kg dry	1.82	ND	55.6		40-140			
1,2,4-Trichlorobenzene	0.945	0.37	mg/Kg dry	1.82	ND	51.9		40-140			
2,4,5-Trichlorophenol	1.07	0.37	mg/Kg dry	1.82	ND	58.6		30-130			
2,4,6-Trichlorophenol	1.05	0.37	mg/Kg dry	1.82	ND	57.7		30-130			
Surrogate: 2-Fluorophenol	*3.75*		mg/Kg dry	7.29		51.5		30-130			
Surrogate: Phenol-d6	*3.63*		mg/Kg dry	7.29		49.8		30-130			
Surrogate: Nitrobenzene-d5	*1.93*		mg/Kg dry	3.64		53.1		30-130			
Surrogate: 2-Fluorobiphenyl	*2.03*		mg/Kg dry	3.64		55.8		30-130			
Surrogate: 2,4,6-Tribromophenol	*5.23*		mg/Kg dry	7.29		71.8		30-130			
Surrogate: Terphenyl-d14	*3.03*		mg/Kg dry	3.64		83.1		30-130			
Matrix Spike Dup (B045341-MSD1)		**Source: 12A0882-04**		Prepared: 01/31/12 Analyzed: 02/02/12							
Acenaphthene	1.04	0.19	mg/Kg dry	1.82	ND	57.0		40-140	2.70	30	
Acenaphthylene	1.01	0.19	mg/Kg dry	1.82	ND	55.4		40-140	2.63	30	
Acetophenone	1.02	0.37	mg/Kg dry	1.82	ND	55.9		40-140	11.5	30	
Aniline	0.572	0.37	mg/Kg dry	1.82	ND	**31.4**	*	40-140	5.69	30	MS-09
Anthracene	1.24	0.19	mg/Kg dry	1.82	ND	68.3		40-140	10.8	30	
Benzidine	0.505	0.37	mg/Kg dry	1.82	ND	**27.7**	*	40-140	15.6	30	MS-09, V-06
Benzo(a)anthracene	1.24	0.19	mg/Kg dry	1.82	ND	68.3		40-140	11.8	30	
Benzo(a)pyrene	1.18	0.19	mg/Kg dry	1.82	ND	64.6		40-140	9.78	30	
Benzo(b)fluoranthene	1.10	0.19	mg/Kg dry	1.82	ND	60.4		40-140	5.41	30	
Benzo(g,h,i)perylene	1.06	0.19	mg/Kg dry	1.82	ND	58.4		40-140	9.62	30	
Benzo(k)fluoranthene	1.13	0.19	mg/Kg dry	1.82	ND	61.8		40-140	7.20	30	
Benzoic Acid	0.522	1.1	mg/Kg dry	1.82	ND	**28.7**	*	40-140	7.98	30	MS-09, V-06
Bis(2-chloroethoxy)methane	1.08	0.37	mg/Kg dry	1.82	ND	59.1		40-140	6.57	30	
Bis(2-chloroethyl)ether	0.993	0.37	mg/Kg dry	1.82	ND	54.5		40-140	4.73	30	
Bis(2-chloroisopropyl)ether	0.938	0.37	mg/Kg dry	1.82	ND	51.5		40-140	8.89	30	
Bis(2-Ethylhexyl)phthalate	1.29	0.37	mg/Kg dry	1.82	ND	70.9		40-140	3.71	30	
4-Bromophenylphenylether	1.34	0.37	mg/Kg dry	1.82	ND	73.8		40-140	24.9	30	
Butylbenzylphthalate	1.26	0.72	mg/Kg dry	1.82	ND	68.9		40-140	10.6	30	
Carbazole	1.28	0.19	mg/Kg dry	1.82	ND	70.0		40-140	1.82	30	
4-Chloroaniline	0.753	0.72	mg/Kg dry	1.82	ND	41.4		40-140	15.2	30	
4-Chloro-3-methylphenol	1.20	0.72	mg/Kg dry	1.82	ND	65.7		30-130	20.2	30	
2-Chloronaphthalene	0.842	0.37	mg/Kg dry	1.82	ND	46.2		40-140	1.25	30	
2-Chlorophenol	0.982	0.37	mg/Kg dry	1.82	ND	53.9		30-130	8.87	30	
4-Chlorophenylphenylether	1.11	0.37	mg/Kg dry	1.82	ND	60.9		40-140	5.43	30	
Chrysene	1.20	0.19	mg/Kg dry	1.82	ND	65.8		40-140	13.7	30	
Dibenz(a,h)anthracene	1.14	0.19	mg/Kg dry	1.82	ND	62.4		40-140	0.579	30	
Dibenzofuran	1.02	0.37	mg/Kg dry	1.82	ND	56.1		40-140	4.63	30	
Di-n-butylphthalate	1.32	0.37	mg/Kg dry	1.82	ND	72.2		40-140	5.37	30	
1,2-Dichlorobenzene	0.874	0.37	mg/Kg dry	1.82	ND	48.0		40-140	2.11	30	
1,3-Dichlorobenzene	0.834	0.37	mg/Kg dry	1.82	ND	45.8		40-140	1.43	30	
1,4-Dichlorobenzene	0.835	0.37	mg/Kg dry	1.82	ND	45.8		40-140	1.26	30	
3,3-Dichlorobenzidine	1.30	0.19	mg/Kg dry	1.82	ND	71.3		40-140	**36.3**	* 30	R-06
2,4-Dichlorophenol	1.02	0.37	mg/Kg dry	1.82	ND	56.2		30-130	10.5	30	
Diethylphthalate	1.22	0.37	mg/Kg dry	1.82	ND	67.0		40-140	5.52	30	
2,4-Dimethylphenol	1.08	0.37	mg/Kg dry	1.82	ND	59.5		30-130	8.30	30	
Dimethylphthalate	1.19	0.72	mg/Kg dry	1.82	ND	65.5		40-140	7.44	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B045341 - SW-846 3546												
Matrix Spike Dup (B045341-MSD1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/02/12								
4,6-Dinitro-2-methylphenol	1.27	0.37	mg/Kg dry	1.82	ND	70.0		30-130	2.75		30	V-06
2,4-Dinitrophenol	1.03	0.72	mg/Kg dry	1.82	ND	56.4		30-130	7.54		30	V-06
2,4-Dinitrotoluene	1.11	0.37	mg/Kg dry	1.82	ND	61.0		40-140	2.96		30	
2,6-Dinitrotoluene	1.18	0.37	mg/Kg dry	1.82	ND	64.5		40-140	7.06		30	
Di-n-octylphthalate	1.03	0.72	mg/Kg dry	1.82	ND	56.6		40-140	21.9		30	
1,2-Diphenylhydrazine (as Azobenzene)	1.31	0.37	mg/Kg dry	1.82	ND	72.1		40-140	26.7		30	
Fluoranthene	1.10	0.19	mg/Kg dry	1.82	ND	60.6		40-140	11.3		30	
Fluorene	1.07	0.19	mg/Kg dry	1.82	ND	58.8		40-140	4.45		30	
Hexachlorobenzene	1.23	0.37	mg/Kg dry	1.82	ND	67.6		40-140	19.5		30	
Hexachlorobutadiene	0.916	0.37	mg/Kg dry	1.82	ND	50.3		40-140	2.90		30	
Hexachlorocyclopentadiene	0.742	0.72	mg/Kg dry	1.82	ND	40.8		30-130	**30.7**	*	30	R-06
Hexachloroethane	0.905	0.37	mg/Kg dry	1.82	ND	49.7		40-140	2.49		30	
Indeno(1,2,3-cd)pyrene	1.15	0.19	mg/Kg dry	1.82	ND	63.1		40-140	3.61		30	
Isophorone	1.04	0.37	mg/Kg dry	1.82	ND	56.9		40-140	7.55		30	
1-Methylnaphthalene	1.03	0.19	mg/Kg dry	1.82	ND	56.6		40-140	10.1		30	
2-Methylnaphthalene	0.933	0.19	mg/Kg dry	1.82	ND	51.2		40-140	10.3		30	
2-Methylphenol	1.13	0.37	mg/Kg dry	1.82	ND	62.2		30-130	22.2		30	
3/4-Methylphenol	1.81	0.37	mg/Kg dry	1.82	ND	99.6		30-130	21.7		30	
Naphthalene	0.904	0.19	mg/Kg dry	1.82	ND	49.6		40-140	1.46		30	
2-Nitroaniline	1.07	0.37	mg/Kg dry	1.82	ND	58.7		40-140	12.5		30	
3-Nitroaniline	1.13	0.37	mg/Kg dry	1.82	ND	62.0		40-140	5.57		30	
4-Nitroaniline	1.12	0.37	mg/Kg dry	1.82	ND	61.6		40-140	4.53		30	
Nitrobenzene	0.900	0.37	mg/Kg dry	1.82	ND	49.4		40-140	5.21		30	
2-Nitrophenol	0.988	0.37	mg/Kg dry	1.82	ND	54.3		30-130	2.15		30	
4-Nitrophenol	1.30	0.72	mg/Kg dry	1.82	ND	71.3		30-130	3.15		30	
N-Nitrosodimethylamine	0.783	0.37	mg/Kg dry	1.82	ND	43.0		40-140	12.3		30	
N-Nitrosodiphenylamine	1.84	0.37	mg/Kg dry	1.82	ND	101		40-140	28.4		30	
N-Nitrosodi-n-propylamine	1.24	0.37	mg/Kg dry	1.82	ND	68.3		40-140	19.4		30	
Pentachloronitrobenzene	1.37	0.37	mg/Kg dry	1.82	ND	75.4		40-140	13.3		30	
Pentachlorophenol	1.34	0.37	mg/Kg dry	1.82	ND	73.7		30-130	7.84		30	V-06
Phenanthrene	1.22	0.19	mg/Kg dry	1.82	ND	66.9		40-140	11.3		30	
Phenol	1.02	0.37	mg/Kg dry	1.82	ND	55.9		30-130	13.9		30	
Pyrene	1.13	0.19	mg/Kg dry	1.82	ND	62.1		40-140	26.5		30	
Pyridine	0.514	0.37	mg/Kg dry	1.82	ND	**28.2**	*	40-140	18.6		30	MS-09
1,2,4,5-Tetrachlorobenzene	0.987	0.37	mg/Kg dry	1.82	ND	54.2		40-140	2.62		30	
1,2,4-Trichlorobenzene	0.925	0.37	mg/Kg dry	1.82	ND	50.8		40-140	2.14		30	
2,4,5-Trichlorophenol	1.21	0.37	mg/Kg dry	1.82	ND	66.6		30-130	12.7		30	
2,4,6-Trichlorophenol	1.13	0.37	mg/Kg dry	1.82	ND	62.0		30-130	7.12		30	
Surrogate: 2-Fluorophenol	*3.82*		mg/Kg dry	7.29		52.5		30-130				
Surrogate: Phenol-d6	*4.18*		mg/Kg dry	7.29		57.4		30-130				
Surrogate: Nitrobenzene-d5	*1.85*		mg/Kg dry	3.64		50.8		30-130				
Surrogate: 2-Fluorobiphenyl	*2.03*		mg/Kg dry	3.64		55.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*5.34*		mg/Kg dry	7.29		73.3		30-130				
Surrogate: Terphenyl-d14	*2.31*		mg/Kg dry	3.64		63.4		30-130				

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QUALITY CONTROL

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546										
Blank (B045341-BLK1)				Prepared: 01/31/12 Analyzed: 02/02/12						
No TICs Found	0.0		mg/Kg wet							

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
Blank (B045472-BLK1)				Prepared: 01/31/12 Analyzed: 02/01/12						
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.182*		mg/Kg wet	0.200		91.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg wet	0.200		93.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg wet	0.200		93.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.177*		mg/Kg wet	0.200		88.6	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
LCS (B045472-BS1)				Prepared: 01/31/12 Analyzed: 02/01/12						
Alachlor	0.018	0.020	mg/Kg wet	0.0200		92.0	40-140			
Alachlor [2C]	0.019	0.020	mg/Kg wet	0.0200		94.1	40-140			
Aldrin	0.020	0.0050	mg/Kg wet	0.0200		101	40-140			
Aldrin [2C]	0.020	0.0050	mg/Kg wet	0.0200		101	40-140			
alpha-BHC	0.019	0.0050	mg/Kg wet	0.0200		94.2	40-140			
alpha-BHC [2C]	0.019	0.0050	mg/Kg wet	0.0200		92.8	40-140			
beta-BHC	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
beta-BHC [2C]	0.019	0.0050	mg/Kg wet	0.0200		95.0	40-140			
delta-BHC	0.019	0.0050	mg/Kg wet	0.0200		93.8	40-140			
delta-BHC [2C]	0.018	0.0050	mg/Kg wet	0.0200		90.4	40-140			
gamma-BHC (Lindane)	0.019	0.0020	mg/Kg wet	0.0200		93.7	40-140			
gamma-BHC (Lindane) [2C]	0.019	0.0020	mg/Kg wet	0.0200		94.2	40-140			
4,4'-DDD	0.020	0.0040	mg/Kg wet	0.0200		98.2	40-140			
4,4'-DDD [2C]	0.020	0.0040	mg/Kg wet	0.0200		98.8	40-140			
4,4'-DDE	0.020	0.0040	mg/Kg wet	0.0200		99.3	40-140			
4,4'-DDE [2C]	0.020	0.0040	mg/Kg wet	0.0200		101	40-140			
4,4'-DDT	0.021	0.0040	mg/Kg wet	0.0200		106	40-140			
4,4'-DDT [2C]	0.021	0.0040	mg/Kg wet	0.0200		103	40-140			
Dieldrin	0.021	0.0040	mg/Kg wet	0.0200		103	40-140			
Dieldrin [2C]	0.021	0.0040	mg/Kg wet	0.0200		103	40-140			
Endosulfan I	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
Endosulfan I [2C]	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
Endosulfan II	0.020	0.0080	mg/Kg wet	0.0200		99.2	40-140			
Endosulfan II [2C]	0.020	0.0080	mg/Kg wet	0.0200		99.1	40-140			
Endosulfan Sulfate	0.020	0.0080	mg/Kg wet	0.0200		99.1	40-140			
Endosulfan Sulfate [2C]	0.020	0.0080	mg/Kg wet	0.0200		99.7	40-140			
Endrin	0.020	0.0080	mg/Kg wet	0.0200		102	40-140			
Endrin [2C]	0.021	0.0080	mg/Kg wet	0.0200		103	40-140			
Endrin Aldehyde	0.015	0.0080	mg/Kg wet	0.0200		75.0	40-140			
Endrin Aldehyde [2C]	0.016	0.0080	mg/Kg wet	0.0200		77.6	40-140			
Endrin Ketone	0.019	0.0080	mg/Kg wet	0.0200		96.2	40-140			
Endrin Ketone [2C]	0.019	0.0080	mg/Kg wet	0.0200		96.1	40-140			
Heptachlor	0.020	0.0050	mg/Kg wet	0.0200		99.3	40-140			
Heptachlor [2C]	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
Heptachlor Epoxide	0.020	0.0050	mg/Kg wet	0.0200		99.4	40-140			
Heptachlor Epoxide [2C]	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
Hexachlorobenzene	0.020	0.0050	mg/Kg wet	0.0200		98.4	40-140			
Hexachlorobenzene [2C]	0.018	0.0050	mg/Kg wet	0.0200		92.4	40-140			
Methoxychlor	0.021	0.050	mg/Kg wet	0.0200		106	40-140			
Methoxychlor [2C]	0.020	0.050	mg/Kg wet	0.0200		102	40-140			
Surrogate: Decachlorobiphenyl	*0.175*		mg/Kg wet	0.200		87.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.178*		mg/Kg wet	0.200		89.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.178*		mg/Kg wet	0.200		89.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.166*		mg/Kg wet	0.200		83.2	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
LCS Dup (B045472-BSD1)				Prepared: 01/31/12 Analyzed: 02/01/12						
Alachlor	0.016	0.020	mg/Kg wet	0.0200		82.0	40-140	11.5	30	
Alachlor [2C]	0.017	0.020	mg/Kg wet	0.0200		83.9	40-140	11.5	30	
Aldrin	0.018	0.0050	mg/Kg wet	0.0200		91.2	40-140	10.2	30	
Aldrin [2C]	0.018	0.0050	mg/Kg wet	0.0200		91.2	40-140	10.2	30	
alpha-BHC	0.017	0.0050	mg/Kg wet	0.0200		86.4	40-140	8.63	30	
alpha-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		84.7	40-140	9.17	30	
beta-BHC	0.018	0.0050	mg/Kg wet	0.0200		87.7	40-140	13.5	30	
beta-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		86.5	40-140	9.46	30	
delta-BHC	0.017	0.0050	mg/Kg wet	0.0200		84.6	40-140	10.4	30	
delta-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		83.1	40-140	8.34	30	
gamma-BHC (Lindane)	0.017	0.0020	mg/Kg wet	0.0200		84.8	40-140	9.87	30	
gamma-BHC (Lindane) [2C]	0.017	0.0020	mg/Kg wet	0.0200		84.0	40-140	11.4	30	
4,4'-DDD	0.018	0.0040	mg/Kg wet	0.0200		88.3	40-140	10.6	30	
4,4'-DDD [2C]	0.018	0.0040	mg/Kg wet	0.0200		88.4	40-140	11.1	30	
4,4'-DDE	0.018	0.0040	mg/Kg wet	0.0200		89.3	40-140	10.6	30	
4,4'-DDE [2C]	0.018	0.0040	mg/Kg wet	0.0200		90.2	40-140	10.8	30	
4,4'-DDT	0.019	0.0040	mg/Kg wet	0.0200		93.3	40-140	12.3	30	
4,4'-DDT [2C]	0.018	0.0040	mg/Kg wet	0.0200		92.0	40-140	10.9	30	
Dieldrin	0.019	0.0040	mg/Kg wet	0.0200		92.5	40-140	10.4	30	
Dieldrin [2C]	0.019	0.0040	mg/Kg wet	0.0200		92.8	40-140	10.8	30	
Endosulfan I	0.018	0.0050	mg/Kg wet	0.0200		89.8	40-140	10.9	30	
Endosulfan I [2C]	0.018	0.0050	mg/Kg wet	0.0200		90.4	40-140	10.3	30	
Endosulfan II	0.018	0.0080	mg/Kg wet	0.0200		88.9	40-140	10.9	30	
Endosulfan II [2C]	0.018	0.0080	mg/Kg wet	0.0200		89.3	40-140	10.5	30	
Endosulfan Sulfate	0.018	0.0080	mg/Kg wet	0.0200		89.4	40-140	10.3	30	
Endosulfan Sulfate [2C]	0.018	0.0080	mg/Kg wet	0.0200		89.8	40-140	10.4	30	
Endrin	0.018	0.0080	mg/Kg wet	0.0200		91.6	40-140	10.4	30	
Endrin [2C]	0.018	0.0080	mg/Kg wet	0.0200		92.2	40-140	10.7	30	
Endrin Aldehyde	0.014	0.0080	mg/Kg wet	0.0200		68.3	40-140	9.31	30	
Endrin Aldehyde [2C]	0.014	0.0080	mg/Kg wet	0.0200		70.7	40-140	9.23	30	
Endrin Ketone	0.017	0.0080	mg/Kg wet	0.0200		85.5	40-140	11.8	30	
Endrin Ketone [2C]	0.017	0.0080	mg/Kg wet	0.0200		86.3	40-140	10.7	30	
Heptachlor	0.018	0.0050	mg/Kg wet	0.0200		89.9	40-140	9.87	30	
Heptachlor [2C]	0.018	0.0050	mg/Kg wet	0.0200		90.8	40-140	9.75	30	
Heptachlor Epoxide	0.018	0.0050	mg/Kg wet	0.0200		90.2	40-140	9.67	30	
Heptachlor Epoxide [2C]	0.018	0.0050	mg/Kg wet	0.0200		90.3	40-140	10.3	30	
Hexachlorobenzene	0.018	0.0050	mg/Kg wet	0.0200		87.8	40-140	11.3	30	
Hexachlorobenzene [2C]	0.017	0.0050	mg/Kg wet	0.0200		82.8	40-140	10.9	30	
Methoxychlor	0.019	0.050	mg/Kg wet	0.0200		94.9	40-140	10.7	30	
Methoxychlor [2C]	0.019	0.050	mg/Kg wet	0.0200		93.2	40-140	9.48	30	
Surrogate: Decachlorobiphenyl	*0.161*		mg/Kg wet	0.200		80.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.164*		mg/Kg wet	0.200		81.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.165*		mg/Kg wet	0.200		82.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.160*		mg/Kg wet	0.200		80.0	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
Matrix Spike (B045472-MS1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/01/12						
Alachlor	0.018	0.022	mg/Kg dry	0.0216	ND	82.8	30-150			
Alachlor [2C]	0.018	0.022	mg/Kg dry	0.0216	ND	81.8	30-150			
Aldrin	0.020	0.0054	mg/Kg dry	0.0216	ND	92.1	30-150			
Aldrin [2C]	0.020	0.0054	mg/Kg dry	0.0216	ND	93.3	30-150			
alpha-BHC	0.021	0.0054	mg/Kg dry	0.0216	ND	95.3	30-150			
alpha-BHC [2C]	0.019	0.0054	mg/Kg dry	0.0216	ND	88.8	30-150			
beta-BHC	0.020	0.0054	mg/Kg dry	0.0216	ND	91.3	30-150			
beta-BHC [2C]	0.019	0.0054	mg/Kg dry	0.0216	ND	89.1	30-150			
delta-BHC	0.020	0.0054	mg/Kg dry	0.0216	ND	90.5	30-150			
delta-BHC [2C]	0.019	0.0054	mg/Kg dry	0.0216	ND	87.4	30-150			
gamma-BHC (Lindane)	0.019	0.0022	mg/Kg dry	0.0216	ND	88.6	30-150			
gamma-BHC (Lindane) [2C]	0.019	0.0022	mg/Kg dry	0.0216	ND	87.5	30-150			
4,4'-DDD	0.020	0.0043	mg/Kg dry	0.0216	ND	92.6	30-150			
4,4'-DDD [2C]	0.020	0.0043	mg/Kg dry	0.0216	ND	93.0	30-150			
4,4'-DDE	0.020	0.0043	mg/Kg dry	0.0216	ND	92.7	30-150			
4,4'-DDE [2C]	0.020	0.0043	mg/Kg dry	0.0216	ND	93.1	30-150			
4,4'-DDT	0.023	0.0043	mg/Kg dry	0.0216	ND	107	30-150			
4,4'-DDT [2C]	0.021	0.0043	mg/Kg dry	0.0216	ND	99.3	30-150			
Dieldrin	0.020	0.0043	mg/Kg dry	0.0216	ND	93.6	30-150			
Dieldrin [2C]	0.021	0.0043	mg/Kg dry	0.0216	ND	95.7	30-150			
Endosulfan I	0.019	0.0054	mg/Kg dry	0.0216	ND	89.8	30-150			
Endosulfan I [2C]	0.020	0.0054	mg/Kg dry	0.0216	ND	92.7	30-150			
Endosulfan II	0.020	0.0087	mg/Kg dry	0.0216	ND	90.2	30-150			
Endosulfan II [2C]	0.020	0.0087	mg/Kg dry	0.0216	ND	91.3	30-150			
Endosulfan Sulfate	0.019	0.0087	mg/Kg dry	0.0216	ND	89.8	30-150			
Endosulfan Sulfate [2C]	0.020	0.0087	mg/Kg dry	0.0216	ND	90.5	30-150			
Endrin	0.021	0.0087	mg/Kg dry	0.0216	ND	95.7	30-150			
Endrin [2C]	0.021	0.0087	mg/Kg dry	0.0216	ND	98.6	30-150			
Endrin Aldehyde	0.015	0.0087	mg/Kg dry	0.0216	ND	67.7	30-150			
Endrin Aldehyde [2C]	0.014	0.0087	mg/Kg dry	0.0216	ND	66.7	30-150			
Endrin Ketone	0.019	0.0087	mg/Kg dry	0.0216	ND	86.7	30-150			
Endrin Ketone [2C]	0.019	0.0087	mg/Kg dry	0.0216	ND	87.2	30-150			
Heptachlor	0.020	0.0054	mg/Kg dry	0.0216	ND	92.6	30-150			
Heptachlor [2C]	0.020	0.0054	mg/Kg dry	0.0216	ND	93.1	30-150			
Heptachlor Epoxide	0.020	0.0054	mg/Kg dry	0.0216	ND	91.3	30-150			
Heptachlor Epoxide [2C]	0.020	0.0054	mg/Kg dry	0.0216	ND	91.2	30-150			
Hexachlorobenzene	0.020	0.0054	mg/Kg dry	0.0216	ND	90.9	30-150			
Hexachlorobenzene [2C]	0.018	0.0054	mg/Kg dry	0.0216	ND	85.2	30-150			
Methoxychlor	0.024	0.054	mg/Kg dry	0.0216	ND	110	30-150			
Methoxychlor [2C]	0.022	0.054	mg/Kg dry	0.0216	ND	101	30-150			
Surrogate: Decachlorobiphenyl	*0.172*		mg/Kg dry	0.216		79.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.183*		mg/Kg dry	0.216		84.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg dry	0.216		86.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.183*		mg/Kg dry	0.216		84.7	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
Matrix Spike Dup (B045472-MSD1)	**Source: 12A0882-04**		Prepared: 01/31/12 Analyzed: 02/01/12							
Alachlor	0.014	0.022	mg/Kg dry	0.0216	ND	63.7	30-150	26.1	30	
Alachlor [2C]	0.013	0.022	mg/Kg dry	0.0216	ND	62.3	30-150	27.1	30	
Aldrin	0.015	0.0054	mg/Kg dry	0.0216	ND	71.4	30-150	25.3	30	
Aldrin [2C]	0.016	0.0054	mg/Kg dry	0.0216	ND	72.3	30-150	25.3	30	
alpha-BHC	0.016	0.0054	mg/Kg dry	0.0216	ND	73.8	30-150	25.4	30	
alpha-BHC [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	68.8	30-150	25.4	30	
beta-BHC	0.015	0.0054	mg/Kg dry	0.0216	ND	71.6	30-150	24.1	30	
beta-BHC [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	70.5	30-150	23.4	30	
delta-BHC	0.015	0.0054	mg/Kg dry	0.0216	ND	68.2	30-150	28.2	30	
delta-BHC [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	67.4	30-150	26.0	30	
gamma-BHC (Lindane)	0.015	0.0022	mg/Kg dry	0.0216	ND	68.5	30-150	25.6	30	
gamma-BHC (Lindane) [2C]	0.015	0.0022	mg/Kg dry	0.0216	ND	68.4	30-150	24.5	30	
4,4'-DDD	0.015	0.0043	mg/Kg dry	0.0216	ND	71.2	30-150	26.1	30	
4,4'-DDD [2C]	0.016	0.0043	mg/Kg dry	0.0216	ND	72.8	30-150	24.4	30	
4,4'-DDE	0.015	0.0043	mg/Kg dry	0.0216	ND	71.6	30-150	25.7	30	
4,4'-DDE [2C]	0.016	0.0043	mg/Kg dry	0.0216	ND	71.9	30-150	25.7	30	
4,4'-DDT	0.018	0.0043	mg/Kg dry	0.0216	ND	82.6	30-150	26.1	30	
4,4'-DDT [2C]	0.017	0.0043	mg/Kg dry	0.0216	ND	76.7	30-150	25.6	30	
Dieldrin	0.016	0.0043	mg/Kg dry	0.0216	ND	72.7	30-150	25.1	30	
Dieldrin [2C]	0.016	0.0043	mg/Kg dry	0.0216	ND	73.8	30-150	25.8	30	
Endosulfan I	0.015	0.0054	mg/Kg dry	0.0216	ND	70.0	30-150	24.8	30	
Endosulfan I [2C]	0.016	0.0054	mg/Kg dry	0.0216	ND	72.1	30-150	24.9	30	
Endosulfan II	0.015	0.0087	mg/Kg dry	0.0216	ND	70.3	30-150	24.8	30	
Endosulfan II [2C]	0.015	0.0087	mg/Kg dry	0.0216	ND	71.1	30-150	24.9	30	
Endosulfan Sulfate	0.015	0.0087	mg/Kg dry	0.0216	ND	69.8	30-150	25.1	30	
Endosulfan Sulfate [2C]	0.015	0.0087	mg/Kg dry	0.0216	ND	71.3	30-150	23.6	30	
Endrin	0.016	0.0087	mg/Kg dry	0.0216	ND	75.3	30-150	23.9	30	
Endrin [2C]	0.017	0.0087	mg/Kg dry	0.0216	ND	77.6	30-150	23.9	30	
Endrin Aldehyde	0.012	0.0087	mg/Kg dry	0.0216	ND	53.2	30-150	23.9	30	
Endrin Aldehyde [2C]	0.011	0.0087	mg/Kg dry	0.0216	ND	51.6	30-150	25.4	30	
Endrin Ketone	0.015	0.0087	mg/Kg dry	0.0216	ND	68.1	30-150	24.1	30	
Endrin Ketone [2C]	0.015	0.0087	mg/Kg dry	0.0216	ND	67.8	30-150	25.1	30	
Heptachlor	0.016	0.0054	mg/Kg dry	0.0216	ND	71.9	30-150	25.3	30	
Heptachlor [2C]	0.016	0.0054	mg/Kg dry	0.0216	ND	72.2	30-150	25.3	30	
Heptachlor Epoxide	0.015	0.0054	mg/Kg dry	0.0216	ND	71.3	30-150	24.5	30	
Heptachlor Epoxide [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	71.5	30-150	24.2	30	
Hexachlorobenzene	0.016	0.0054	mg/Kg dry	0.0216	ND	72.7	30-150	22.2	30	
Hexachlorobenzene [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	68.6	30-150	21.6	30	
Methoxychlor	0.019	0.054	mg/Kg dry	0.0216	ND	85.9	30-150	24.8	30	
Methoxychlor [2C]	0.017	0.054	mg/Kg dry	0.0216	ND	79.7	30-150	23.7	30	
Surrogate: Decachlorobiphenyl	*0.135*		mg/Kg dry	0.216		62.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.139*		mg/Kg dry	0.216		64.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.144*		mg/Kg dry	0.216		66.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.141*		mg/Kg dry	0.216		65.3	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B045275 - SW-846 3546											
Blank (B045275-BLK1)				Prepared: 01/31/12 Analyzed: 02/01/12							
Aroclor-1016	ND	0.10	mg/Kg wet								R-05
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet								R-05
Aroclor-1221	ND	0.10	mg/Kg wet								
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1232	ND	0.10	mg/Kg wet								
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1242	ND	0.10	mg/Kg wet								
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1248	ND	0.10	mg/Kg wet								
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1254	ND	0.10	mg/Kg wet								
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1260	ND	0.10	mg/Kg wet								R-05
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1262	ND	0.10	mg/Kg wet								
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1268	ND	0.10	mg/Kg wet								
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet								
Surrogate: Decachlorobiphenyl	*0.201*		mg/Kg wet	0.200		101	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.183*		mg/Kg wet	0.200		91.5	30-150				
Surrogate: Tetrachloro-m-xylene	*0.199*		mg/Kg wet	0.200		99.3	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.197*		mg/Kg wet	0.200		98.4	30-150				
LCS (B045275-BS1)				Prepared: 01/31/12 Analyzed: 02/01/12							
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		93.0	40-140				R-05
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		93.9	40-140				R-05
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		91.4	40-140				R-05
Aroclor-1260 [2C]	0.17	0.10	mg/Kg wet	0.200		86.7	40-140				
Surrogate: Decachlorobiphenyl	*0.181*		mg/Kg wet	0.200		90.7	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.163*		mg/Kg wet	0.200		81.5	30-150				
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.7	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg wet	0.200		89.5	30-150				
LCS Dup (B045275-BSD1)				Prepared: 01/31/12 Analyzed: 02/01/12							
Aroclor-1016	0.26	0.10	mg/Kg wet	0.200		128	40-140	**31.9**	*	30	R-05
Aroclor-1016 [2C]	0.26	0.10	mg/Kg wet	0.200		130	40-140	**32.2**	*	30	R-05
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		126	40-140	**31.7**	*	30	R-05
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		117	40-140	29.6		30	
Surrogate: Decachlorobiphenyl	*0.247*		mg/Kg wet	0.200		123	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.218*		mg/Kg wet	0.200		109	30-150				
Surrogate: Tetrachloro-m-xylene	*0.247*		mg/Kg wet	0.200		124	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.238*		mg/Kg wet	0.200		119	30-150				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045275 - SW-846 3546										
Matrix Spike (B045275-MS1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/01/12						
Aroclor-1016	0.21	0.11	mg/Kg dry	0.219	ND	95.3	40-140			R-05
Aroclor-1016 [2C]	0.20	0.11	mg/Kg dry	0.219	ND	93.3	40-140			R-05
Aroclor-1260	0.20	0.11	mg/Kg dry	0.219	ND	90.0	40-140			R-05
Aroclor-1260 [2C]	0.18	0.11	mg/Kg dry	0.219	ND	84.4	40-140			
Surrogate: Decachlorobiphenyl	*0.176*		mg/Kg dry	0.219		80.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.165*		mg/Kg dry	0.219		75.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.200*		mg/Kg dry	0.219		91.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg dry	0.219		89.6	30-150			
Matrix Spike Dup (B045275-MSD1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/01/12						
Aroclor-1016	0.21	0.11	mg/Kg dry	0.216	ND	97.1	40-140	0.918	50	R-05
Aroclor-1016 [2C]	0.21	0.11	mg/Kg dry	0.216	ND	97.9	40-140	3.83	50	R-05
Aroclor-1260	0.21	0.11	mg/Kg dry	0.216	ND	94.9	40-140	4.36	50	R-05
Aroclor-1260 [2C]	0.19	0.11	mg/Kg dry	0.216	ND	89.8	40-140	5.21	50	
Surrogate: Decachlorobiphenyl	*0.178*		mg/Kg dry	0.216		82.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.167*		mg/Kg dry	0.216		77.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.197*		mg/Kg dry	0.216		91.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.193*		mg/Kg dry	0.216		89.0	30-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045193 - SW-846 7471										
Blank (B045193-BLK1)				Prepared & Analyzed: 01/30/12						
Mercury	ND	0.025	mg/Kg wet							
LCS (B045193-BS1)				Prepared & Analyzed: 01/30/12						
Mercury	3.01	0.32	mg/Kg wet	3.73		80.6	66-132			
LCS Dup (B045193-BSD1)				Prepared & Analyzed: 01/30/12						
Mercury	3.50	0.34	mg/Kg wet	3.73		93.9	66-132	15.2	30	
Duplicate (B045193-DUP1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12						
Mercury	ND	0.027	mg/Kg dry		ND			NC	35	
Matrix Spike (B045193-MS1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12						
Mercury	0.174	0.027	mg/Kg dry	0.181	0.0238	82.6	75-125			
Matrix Spike Dup (B045193-MSD1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12						
Mercury	0.176	0.027	mg/Kg dry	0.182	0.0238	83.5	75-125	1.33	35	
Batch B045655 - SW-846 3050B										
Blank (B045655-BLK1)				Prepared: 02/01/12 Analyzed: 02/06/12						
Aluminum	ND	2.5	mg/Kg wet							
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Calcium	ND	7.5	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Cobalt	ND	2.5	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Iron	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Magnesium	ND	7.5	mg/Kg wet							
Manganese	ND	0.50	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Potassium	ND	100	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Sodium	ND	100	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045655 - SW-846 3050B										
LCS (B045655-BS1)				Prepared: 02/01/12 Analyzed: 02/06/12						
Aluminum	7900	5.0	mg/Kg wet	8390		94.2	39-161			
Antimony	92.1	5.0	mg/Kg wet	106		86.9	30-219			
Arsenic	111	5.0	mg/Kg wet	109		102	83.2-117.4			
Barium	208	5.0	mg/Kg wet	206		101	83.1-116.9			
Beryllium	95.7	0.50	mg/Kg wet	88.2		109	83.7-116.2			
Cadmium	84.5	0.50	mg/Kg wet	80.2		105	80.7-119.1			
Calcium	6950	15	mg/Kg wet	6700		104	78.4-121.6			
Chromium	119	1.0	mg/Kg wet	117		102	80.6-119.9			
Cobalt	130	5.0	mg/Kg wet	127		102	81.2-118.8			
Copper	120	1.0	mg/Kg wet	117		103	83.8-116.2			
Iron	12200	5.0	mg/Kg wet	12300		98.9	50.5-148.8			
Lead	70.9	1.5	mg/Kg wet	76.2		93.1	70.7-129			
Magnesium	2790	15	mg/Kg wet	2640		106	69.5-130.2			
Manganese	371	1.0	mg/Kg wet	350		106	76.7-123.2			
Nickel	70.7	1.0	mg/Kg wet	71.2		99.3	81.2-118.3			
Potassium	3130	200	mg/Kg wet	2960		106	65.3-134.5			
Selenium	130	10	mg/Kg wet	127		102	79.2-120.3			
Silver	41.0	1.0	mg/Kg wet	41.0		99.9	66.3-133.7			
Sodium	382	200	mg/Kg wet	360		106	70.8-129.3			
Thallium	265	5.0	mg/Kg wet	266		99.5	77.8-121.6			
Vanadium	90.2	2.0	mg/Kg wet	86.1		105	76.8-123.6			
Zinc	280	2.0	mg/Kg wet	280		100	81.9-117.7			
LCS (B045655-BS2)				Prepared: 02/01/12 Analyzed: 02/06/12						
Lead	0.762	0.71	mg/Kg wet	0.706		108	80-120			
LCS Dup (B045655-BSD1)				Prepared: 02/01/12 Analyzed: 02/06/12						
Aluminum	8060	5.0	mg/Kg wet	8390		96.1	39-161	2.06	30	
Antimony	93.6	5.0	mg/Kg wet	106		88.3	30-219	1.59	30	
Arsenic	113	5.0	mg/Kg wet	109		104	83.2-117.4	1.36	30	
Barium	213	5.0	mg/Kg wet	206		103	83.1-116.9	2.54	30	
Beryllium	98.6	0.50	mg/Kg wet	88.2		112	83.7-116.2	2.92	30	
Cadmium	91.4	0.50	mg/Kg wet	80.2		114	80.7-119.1	7.90	30	
Calcium	7470	15	mg/Kg wet	6700		112	78.4-121.6	7.32	30	
Chromium	125	1.0	mg/Kg wet	117		107	80.6-119.9	4.48	30	
Cobalt	135	5.0	mg/Kg wet	127		106	81.2-118.8	3.72	30	
Copper	129	1.0	mg/Kg wet	117		110	83.8-116.2	6.87	30	
Iron	12300	5.0	mg/Kg wet	12300		100	50.5-148.8	1.09	30	
Lead	74.0	1.5	mg/Kg wet	76.2		97.1	70.7-129	4.27	30	
Magnesium	2810	15	mg/Kg wet	2640		106	69.5-130.2	0.463	30	
Manganese	382	1.0	mg/Kg wet	350		109	76.7-123.2	2.82	30	
Nickel	74.7	1.0	mg/Kg wet	71.2		105	81.2-118.3	5.51	30	
Potassium	3090	200	mg/Kg wet	2960		105	65.3-134.5	1.02	30	
Selenium	141	10	mg/Kg wet	127		111	79.2-120.3	8.07	30	
Silver	41.6	1.0	mg/Kg wet	41.0		101	66.3-133.7	1.52	30	
Sodium	395	200	mg/Kg wet	360		110	70.8-129.3	3.24	30	
Thallium	270	5.0	mg/Kg wet	266		102	77.8-121.6	2.18	30	
Vanadium	93.5	2.0	mg/Kg wet	86.1		109	76.8-123.6	3.57	30	
Zinc	289	2.0	mg/Kg wet	280		103	81.9-117.7	3.03	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045655 - SW-846 3050B											
Duplicate (B045655-DUP1)	**Source: 12A0882-04**			Prepared: 02/01/12 Analyzed: 02/06/12							
Aluminum	7060	2.7	mg/Kg dry		7820				10.1	35	
Antimony	ND	2.7	mg/Kg dry		ND				NC	35	
Arsenic	ND	2.7	mg/Kg dry		ND				NC	35	
Barium	11.2	2.7	mg/Kg dry		12.6				11.9	35	
Beryllium	ND	0.27	mg/Kg dry		ND				NC	35	
Cadmium	ND	0.27	mg/Kg dry		ND				NC	35	
Calcium	466	8.0	mg/Kg dry		452				3.05	35	
Chromium	5.35	0.54	mg/Kg dry		6.05				12.2	35	
Cobalt	ND	2.7	mg/Kg dry		ND				NC	35	
Copper	1.96	0.54	mg/Kg dry		2.11				7.62	35	
Iron	6250	2.7	mg/Kg dry		6540				4.46	35	
Lead	6.03	0.80	mg/Kg dry		7.31				19.2	35	
Magnesium	398	8.0	mg/Kg dry		401				0.633	35	
Manganese	17.6	0.54	mg/Kg dry		17.4				0.965	35	
Nickel	2.16	0.54	mg/Kg dry		2.40				10.6	35	
Potassium	236	110	mg/Kg dry		281				17.3	35	
Selenium	ND	5.4	mg/Kg dry		ND				NC	35	
Silver	ND	0.54	mg/Kg dry		ND				NC	35	
Sodium	ND	110	mg/Kg dry		ND				NC	35	
Thallium	ND	2.7	mg/Kg dry		ND				NC	35	
Vanadium	10.2	1.1	mg/Kg dry		11.2				9.12	35	
Zinc	11.5	1.1	mg/Kg dry		12.6				9.20	35	
Matrix Spike (B045655-MS1)	**Source: 12A0882-04**			Prepared: 02/01/12 Analyzed: 02/06/12							
Aluminum	9140	2.7	mg/Kg dry	107	7820	**1240**	*	75-125			MS-19
Antimony	65.4	2.7	mg/Kg dry	107	ND	**61.4**	*	75-125			MS-07A
Arsenic	105	2.7	mg/Kg dry	107	ND	98.8		75-125			
Barium	120	2.7	mg/Kg dry	107	12.6	101		75-125			
Beryllium	115	0.27	mg/Kg dry	107	ND	108		75-125			
Cadmium	107	0.27	mg/Kg dry	107	ND	100		75-125			
Calcium	587	8.0	mg/Kg dry	107	452	**127**	*	75-125			MS-19
Chromium	113	0.53	mg/Kg dry	107	6.05	100		75-125			
Cobalt	105	2.7	mg/Kg dry	107	0.967	97.8		75-125			
Copper	111	0.53	mg/Kg dry	107	2.11	103		75-125			
Iron	6790	2.7	mg/Kg dry	107	6540	**236**	*	75-125			MS-19
Lead	104	0.80	mg/Kg dry	107	7.31	91.0		75-125			
Magnesium	581	8.0	mg/Kg dry	107	401	**169**	*	75-125			MS-12
Manganese	128	0.53	mg/Kg dry	107	17.4	104		75-125			
Nickel	104	0.53	mg/Kg dry	107	2.40	95.1		75-125			
Potassium	1390	110	mg/Kg dry	1070	281	104		75-125			
Selenium	102	5.3	mg/Kg dry	107	ND	95.5		75-125			
Silver	104	0.53	mg/Kg dry	107	ND	98.0		75-125			
Sodium	152	110	mg/Kg dry	107	ND	**143**	*	75-125			MS-15
Thallium	101	2.7	mg/Kg dry	107	ND	94.9		75-125			
Vanadium	122	1.1	mg/Kg dry	107	11.2	104		75-125			
Zinc	119	1.1	mg/Kg dry	107	12.6	99.8		75-125			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045655 - SW-846 3050B											
Matrix Spike Dup (B045655-MSD1)	**Source: 12A0882-04**			Prepared: 02/01/12 Analyzed: 02/06/12							
Aluminum	8840	2.7	mg/Kg dry	109	7820	**943**	*	75-125	3.28	35	MS-19
Antimony	66.3	2.7	mg/Kg dry	109	ND	**61.0**	*	75-125	1.33	35	MS-07A
Arsenic	107	2.7	mg/Kg dry	109	ND	98.1		75-125	1.19	35	
Barium	119	2.7	mg/Kg dry	109	12.6	98.0		75-125	1.03	35	
Beryllium	113	0.27	mg/Kg dry	109	ND	104		75-125	1.79	35	
Cadmium	108	0.27	mg/Kg dry	109	ND	99.3		75-125	0.885	35	
Calcium	579	8.1	mg/Kg dry	109	452	117		75-125	1.43	35	
Chromium	113	0.54	mg/Kg dry	109	6.05	98.1		75-125	0.237	35	
Cobalt	106	2.7	mg/Kg dry	109	0.967	96.7		75-125	0.673	35	
Copper	111	0.54	mg/Kg dry	109	2.11	100		75-125	0.447	35	
Iron	6860	2.7	mg/Kg dry	109	6540	**296**	*	75-125	1.03	35	MS-19
Lead	105	0.81	mg/Kg dry	109	7.31	89.7		75-125	0.412	35	
Magnesium	584	8.1	mg/Kg dry	109	401	**169**	*	75-125	0.534	35	MS-12
Manganese	129	0.54	mg/Kg dry	109	17.4	103		75-125	1.28	35	
Nickel	104	0.54	mg/Kg dry	109	2.40	93.3		75-125	0.0609	35	
Potassium	1400	110	mg/Kg dry	1090	281	103		75-125	0.555	35	
Selenium	103	5.4	mg/Kg dry	109	ND	95.2		75-125	1.54	35	
Silver	104	0.54	mg/Kg dry	109	ND	95.9		75-125	0.226	35	
Sodium	153	110	mg/Kg dry	109	ND	**141**	*	75-125	0.833	35	MS-15
Thallium	102	2.7	mg/Kg dry	109	ND	93.9		75-125	0.860	35	
Vanadium	123	1.1	mg/Kg dry	109	11.2	102		75-125	0.182	35	
Zinc	120	1.1	mg/Kg dry	109	12.6	98.5		75-125	0.517	35	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045459 - SW846 9014										
Blank (B045459-BLK1)				Prepared & Analyzed: 02/03/12						
Cyanide	ND	0.48	mg/Kg wet							
LCS (B045459-BS1)				Prepared & Analyzed: 02/03/12						
Cyanide	52	0.94	mg/Kg wet	51.9		100	80-120			
LCS Dup (B045459-BSD1)				Prepared & Analyzed: 02/03/12						
Cyanide	53	0.94	mg/Kg wet	51.6		102	80-120	1.63	20	

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BREAKDOWN REPORT

Lab Sample ID: **S001743-PEM1** **Analyzed:** **02/01/2012**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	5.57
Endrin [1]	6.89

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	2.77
Endrin [2]	6.73

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Aluminum	CT,NH,NY,ME
Antimony	CT,NH,NY,NC,ME
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Beryllium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Calcium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Cobalt	CT,NH,NY,ME,NC
Copper	CT,NH,NY,ME,NC
Iron	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Magnesium	CT,NH,NY,ME,NC
Manganese	CT,NH,NY,ME,NC
Nickel	CT,NH,NY,ME,NC
Potassium	CT,NH,NY,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
Sodium	CT,NH,NY,ME,NC
Thallium	CT,NH,NY,ME,NC
Vanadium	CT,NH,NY,ME,NC
Zinc	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC
Aldrin [2C]	CT,NH,NY,ME,NC
alpha-BHC	CT,NH,NY,ME,NC
alpha-BHC [2C]	CT,NH,NY,ME,NC
beta-BHC	CT,NH,NY,ME,NC
beta-BHC [2C]	CT,NH,NY,ME,NC
delta-BHC	CT,NH,NY,ME,NC
delta-BHC [2C]	CT,NH,NY,ME,NC
gamma-BHC (Lindane)	CT,NH,NY,ME,NC
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC
Chlordane	CT,NH,NY,ME,NC
Chlordane [2C]	CT,NH,NY,ME,NC
4,4'-DDD	CT,NH,NY,ME,NC
4,4'-DDD [2C]	CT,NH,NY,ME,NC
4,4'-DDE	CT,NH,NY,ME,NC
4,4'-DDE [2C]	CT,NH,NY,ME,NC
4,4'-DDT	CT,NH,NY,ME,NC
4,4'-DDT [2C]	CT,NH,NY,ME,NC
Dieldrin	CT,NH,NY,ME,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Dieldrin [2C]	CT,NH,NY,ME,NC
Endosulfan I	CT,NH,NY,ME,NC
Endosulfan I [2C]	CT,NH,NY,ME,NC
Endosulfan II	CT,NH,NY,ME,NC
Endosulfan II [2C]	CT,NH,NY,ME,NC
Endosulfan Sulfate	CT,NH,NY,ME,NC
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC
Endrin	CT,NH,NY,ME,NC
Endrin [2C]	CT,NH,NY,ME,NC
Endrin Aldehyde	CT,NH,NY,ME,NC
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC
Heptachlor [2C]	CT,NH,NY,ME,NC
Heptachlor Epoxide	CT,NH,NY,ME,NC
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC
Methoxychlor [2C]	CT,NH,NY,ME,NC
Toxaphene	CT,NH,NY,ME,NC
Toxaphene [2C]	CT,NH,NY,ME,NC
SW-846 8081B in Water	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,RI,ME,NC
Aldrin [2C]	CT,NH,NY,RI,ME,NC
alpha-BHC	CT,NH,NY,RI,ME,NC
alpha-BHC [2C]	CT,NH,NY,RI,ME,NC
beta-BHC	CT,NH,NY,RI,ME,NC
beta-BHC [2C]	CT,NH,NY,RI,ME,NC
delta-BHC	CT,NH,NY,RI,ME,NC
delta-BHC [2C]	CT,NH,NY,RI,ME,NC
gamma-BHC (Lindane)	CT,NH,NY,RI,ME,NC
gamma-BHC (Lindane) [2C]	CT,NH,NY,RI,ME,NC
Chlordane	CT,NH,NY,RI,ME,NC
Chlordane [2C]	CT,NH,NY,RI,ME,NC
4,4'-DDD	CT,NH,NY,RI,ME,NC
4,4'-DDD [2C]	CT,NH,NY,RI,ME,NC
4,4'-DDE	CT,NH,NY,RI,ME,NC
4,4'-DDE [2C]	CT,NH,NY,RI,ME,NC
4,4'-DDT	CT,NH,NY,RI,ME,NC
4,4'-DDT [2C]	CT,NH,NY,RI,ME,NC
Dieldrin	CT,NH,NY,RI,ME,NC
Dieldrin [2C]	CT,NH,NY,RI,ME,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Water	
Endosulfan I	CT,NH,NY,RI,ME,NC
Endosulfan I [2C]	CT,NH,NY,RI,ME,NC
Endosulfan II	CT,NH,NY,RI,ME,NC
Endosulfan II [2C]	CT,NH,NY,RI,ME,NC
Endosulfan Sulfate	CT,NH,NY,RI,ME,NC
Endosulfan Sulfate [2C]	CT,NH,NY,RI,ME,NC
Endrin	CT,NH,NY,RI,ME,NC
Endrin [2C]	CT,NH,NY,RI,ME,NC
Endrin Aldehyde	CT,NH,NY,RI,ME,NC
Endrin Aldehyde [2C]	CT,NH,NY,RI,ME,NC
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,RI,ME,NC
Heptachlor [2C]	CT,NH,NY,RI,ME,NC
Heptachlor Epoxide	CT,NH,NY,RI,ME,NC
Heptachlor Epoxide [2C]	CT,NH,NY,RI,ME,NC
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,RI,ME,NC
Methoxychlor [2C]	CT,NH,NY,RI,ME,NC
Toxaphene	CT,NH,NY,RI,ME,NC
Toxaphene [2C]	CT,NH,NY,RI,ME,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC
Acenaphthylene	CT,NY,NH,ME,NC
Acetophenone	NY,NH,ME,NC
Aniline	NY,NH,ME,NC
Anthracene	CT,NY,NH,ME,NC
Benzidine	CT,NY,NH,ME,NC
Benzo(a)anthracene	CT,NY,NH,ME,NC
Benzo(a)pyrene	CT,NY,NH,ME,NC
Benzo(b)fluoranthene	CT,NY,NH,ME,NC
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC
Benzo(k)fluoranthene	CT,NY,NH,ME,NC
Benzoic Acid	NY,NH,ME,NC
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC
4-Bromophenylphenylether	CT,NY,NH,ME,NC
Butylbenzylphthalate	CT,NY,NH,ME,NC
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC
2-Chloronaphthalene	CT,NY,NH,NC
2-Chlorophenol	CT,NY,NH,ME,NC
4-Chlorophenylphenylether	CT,NY,NH,ME,NC
Chrysene	CT,NY,NH,ME,NC
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC
Dibenzofuran	CT,NY,NH,ME,NC
Di-n-butylphthalate	CT,NY,NH,ME,NC
1,2-Dichlorobenzene	NY,NH,ME,NC
1,3-Dichlorobenzene	NY,NH,ME,NC
1,4-Dichlorobenzene	NY,NH,ME,NC
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC
2,4-Dichlorophenol	CT,NY,NH,ME,NC
Diethylphthalate	CT,NY,NH,ME,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
2,4-Dimethylphenol	CT,NY,NH,ME,NC
Dimethylphthalate	CT,NY,NH,ME,NC
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC
2,4-Dinitrophenol	CT,NY,NH,ME,NC
2,4-Dinitrotoluene	CT,NY,NH,ME,NC
2,6-Dinitrotoluene	CT,NY,NH,ME,NC
Di-n-octylphthalate	CT,NY,NH,ME,NC
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC
Fluoranthene	CT,NY,NH,ME,NC
Fluorene	NY,NH,ME,NC
Hexachlorobenzene	CT,NY,NH,ME,NC
Hexachlorobutadiene	CT,NY,NH,ME,NC
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC
Hexachloroethane	CT,NY,NH,ME,NC
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC
Isophorone	CT,NY,NH,ME,NC
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC
2-Methylphenol	CT,NY,NH,ME,NC
3/4-Methylphenol	CT,NY,NH,ME,NC
Naphthalene	CT,NY,NH,ME,NC
2-Nitroaniline	CT,NY,NH,ME,NC
3-Nitroaniline	CT,NY,NH,ME,NC
4-Nitroaniline	CT,NY,NH,ME,NC
Nitrobenzene	CT,NY,NH,ME,NC
2-Nitrophenol	CT,NY,NH,ME,NC
4-Nitrophenol	CT,NY,NH,ME,NC
N-Nitrosodimethylamine	CT,NY,NH,ME,NC
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NH,ME,NC
Phenanthrene	CT,NY,NH,ME,NC
Phenol	CT,NY,NH,ME,NC
Pyrene	CT,NY,NH,ME,NC
Pyridine	CT,NY,NH,ME,NC
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC
2-Fluorophenol	NC
SW846 9014 in Soil	
Cyanide	NY,CT,NC,ME,NH

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12A0882

Page 1 of 1

Company Name: Ecology + Environment
Address: 368 Pleasant View Dr
Lancaster NY 14086
Attention:
Project Location: Farmingdale NY
Sampled By: M. Chaffee II, L. Reedi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Telephone: 716 684-8060
Project # [illegible]-0026649-0025
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
Format: ○ PDF ○ EXCEL ○ GIS
◉ OTHER QW Content
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	ANALYSIS REQUESTED
-01	FPC-SB01	1/27/12 10:00	1/27/12 10:00		X	S		6	I	G	Svoc + Tics, Aldehydes, TAL Metals, Vocs, Soil Sulfides, Total Cyanide ⊛
-02	FPC-SB02	1/27/12 11:00	1/27/12 11:00		X	S		6	I	G	
-03	FPC-SB02D	1/27/12 11:00	1/27/12 11:00		X	S		6	I	G	
-04	FPC-SB03	1/27/12 13:00	1/27/12 13:00		X	S		6	I	G	
-05	FPC-SB03 MS/MSD	1/27/12 13:00	1/27/12 13:00		X	S		12	I	G	

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
⊛ Total Cyanide added per Rick Watt HF 1/30/12
01-23-12 10:07 IN

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	1/27/12 14:00
Received by: (signature)	Date/Time:
	1/28/12 0957
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other [illegible]
RUSH † [illegible]
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Detailed Results

Printer-Friendly Get Link Help

Enter tracking number Track

Detailed Results | Notifications

Tracking no.: 864119639548 Select time format: 12H | 24H E-mail notifications

Delivered

Initiated → Picked up → In transit → Delivered

Delivered
Signed for by: C.CHRIS

Shipment Dates	Destination
Ship date Jan 27, 2012	Signature Proof of Delivery
Delivery date Jan 28, 2012 9:52 AM	

Shipment Options

Help

Hold at FedEx Location
Hold at FedEx Location service is not available for this shipment.

Shipment Facts

Help

Service type	Priority Overnight	Delivered to	Receptionist/Front Desk
Weight	29.0 lbs/13.2 kg	Reference	EN

Shipment Travel History

Help

Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Jan 28, 2012 9:52 AM	**Delivered**		
Jan 28, 2012 8:02 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Jan 28, 2012 7:56 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Jan 28, 2012 6:08 AM	At destination sort facility	EAST GRANBY, CT	
Jan 28, 2012 3:17 AM	Departed FedEx location	MEMPHIS, TN	
Jan 28, 2012 12:43 AM	Arrived at FedEx location	MEMPHIS, TN	
Jan 27, 2012 8:15 PM	Left FedEx origin facility	MELVILLE, NY	
Jan 27, 2012 1:57 PM	Picked up	MELVILLE, NY	

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East Longmeadow, MA. 01028
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con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Ecology SEnV RECEIVED BY: CFC DATE: 1/28/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 3.0 C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	12	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	18 (18) 18	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 6

Bisulfate _____ # DI Water 12

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 01-28-12 10:07 IN

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

Doc# 277

Rev. 1 Ma

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VOA

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VOLATILES SAMPLE DATA

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	VD030018.D
Sampled:	01/27/12 10:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:22
Solids:	94.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.93 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.0092	0.067	V-16
107-13-1	Acrylonitrile		0.0034	0.0040	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00047	0.00067	
71-43-2	Benzene		0.00020	0.0013	
108-86-1	Bromobenzene		0.00020	0.0013	
74-97-5	Bromochloromethane		0.00033	0.0013	
75-27-4	Bromodichloromethane		0.00027	0.0013	V-05
75-25-2	Bromoform		0.00027	0.0013	
74-83-9	Bromomethane		0.00060	0.0067	
78-93-3	2-Butanone (MEK)		0.0047	0.027	
75-65-0	tert-Butyl Alcohol (TBA)		0.0049	0.027	V-16
104-51-8	n-Butylbenzene		0.00020	0.0013	
135-98-8	sec-Butylbenzene		0.00020	0.0013	
98-06-6	tert-Butylbenzene		0.00020	0.0013	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00027	0.00067	
75-15-0	Carbon Disulfide		0.00027	0.0040	
56-23-5	Carbon Tetrachloride		0.00033	0.0013	V-05
108-90-7	Chlorobenzene		0.00020	0.0013	
124-48-1	Chlorodibromomethane		0.00027	0.00067	V-05
75-00-3	Chloroethane		0.00033	0.013	R-05
67-66-3	Chloroform		0.00020	0.0027	
74-87-3	Chloromethane		0.00020	0.0067	
95-49-8	2-Chlorotoluene		0.00020	0.0013	
106-43-4	4-Chlorotoluene		0.00020	0.0013	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00093	0.0013	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	VD030018.D
Sampled:	01/27/12 10:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:22
Solids:	94.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.93 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00027	0.00067	
74-95-3	Dibromomethane		0.00027	0.0013	
95-50-1	1,2-Dichlorobenzene		0.00020	0.0013	
541-73-1	1,3-Dichlorobenzene		0.00020	0.0013	
106-46-7	1,4-Dichlorobenzene		0.00013	0.0013	
110-57-6	trans-1,4-Dichloro-2-butene		0.00060	0.0027	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00027	0.013	V-05
75-34-3	1,1-Dichloroethane		0.00073	0.0013	
107-06-2	1,2-Dichloroethane		0.00027	0.0013	L-04, V-05
75-35-4	1,1-Dichloroethylene		0.00033	0.0027	
156-59-2	cis-1,2-Dichloroethylene		0.00020	0.0013	
156-60-5	trans-1,2-Dichloroethylene		0.00027	0.0013	
78-87-5	1,2-Dichloropropane		0.00073	0.0013	
142-28-9	1,3-Dichloropropane		0.00020	0.00067	
594-20-7	2,2-Dichloropropane		0.00053	0.0013	V-05
563-58-6	1,1-Dichloropropene		0.0013	0.0013	
10061-01-5	cis-1,3-Dichloropropene		0.00027	0.00067	
10061-02-6	trans-1,3-Dichloropropene		0.00027	0.00067	
60-29-7	Diethyl Ether		0.00027	0.013	
108-20-3	Diisopropyl Ether (DIPE)		0.00027	0.00067	
123-91-1	1,4-Dioxane		0.010	0.067	V-16
100-41-4	Ethylbenzene		0.00020	0.0013	
87-68-3	Hexachlorobutadiene		0.00027	0.0013	
591-78-6	2-Hexanone (MBK)		0.0041	0.013	
98-82-8	Isopropylbenzene (Cumene)		0.00027	0.0013	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	VD030018.D
Sampled:	01/27/12 10:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:22
Solids:	94.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.93 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00020	0.0013	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00027	0.0027	
75-09-2	Methylene Chloride		0.00040	0.013	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0039	0.013	
91-20-3	Naphthalene		0.00020	0.0027	
103-65-1	n-Propylbenzene		0.00020	0.0013	
100-42-5	Styrene		0.00020	0.0013	
630-20-6	1,1,1,2-Tetrachloroethane		0.00020	0.0013	
79-34-5	1,1,2,2-Tetrachloroethane		0.00027	0.00067	
127-18-4	Tetrachloroethylene		0.00033	0.0013	
109-99-9	Tetrahydrofuran		0.0010	0.0067	V-16
108-88-3	Toluene		0.00027	0.0013	
87-61-6	1,2,3-Trichlorobenzene		0.00020	0.0013	
120-82-1	1,2,4-Trichlorobenzene		0.00027	0.0013	
108-70-3	1,3,5-Trichlorobenzene		0.00020	0.0013	
71-55-6	1,1,1-Trichloroethane		0.00033	0.0013	V-05
79-00-5	1,1,2-Trichloroethane		0.00020	0.0013	
79-01-6	Trichloroethylene		0.00027	0.0013	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00033	0.0067	V-05
96-18-4	1,2,3-Trichloropropane		0.00053	0.0013	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00040	0.0067	
95-63-6	1,2,4-Trimethylbenzene		0.00020	0.0013	
108-67-8	1,3,5-Trimethylbenzene		0.00027	0.0013	
75-01-4	Vinyl Chloride		0.00033	0.0067	
108383/106423	m+p Xylene		0.00047	0.0027	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	VD030018.D
Sampled:	01/27/12 10:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:22
Solids:	94.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.93 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
				Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00027	0.0013	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030018.D
Acq On : 30 Jan 2012 12:22 pm
Operator : MFF
Sample : 12A0882-01 Inst : GCMSVOA4
Misc :
ALS Vial : 18 Sample Multiplier: 1

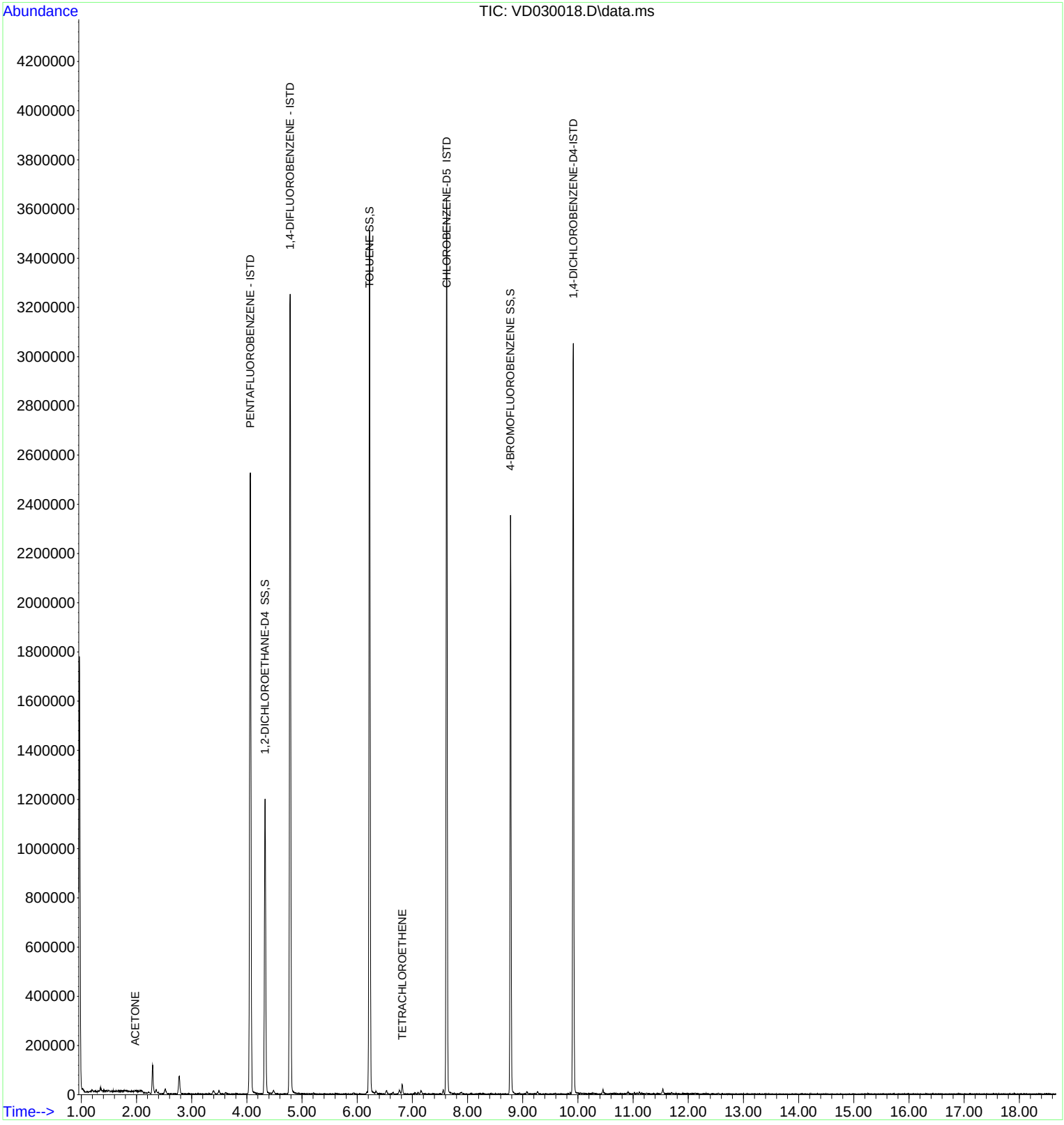
Quant Time: Jan 30 12:44:14 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

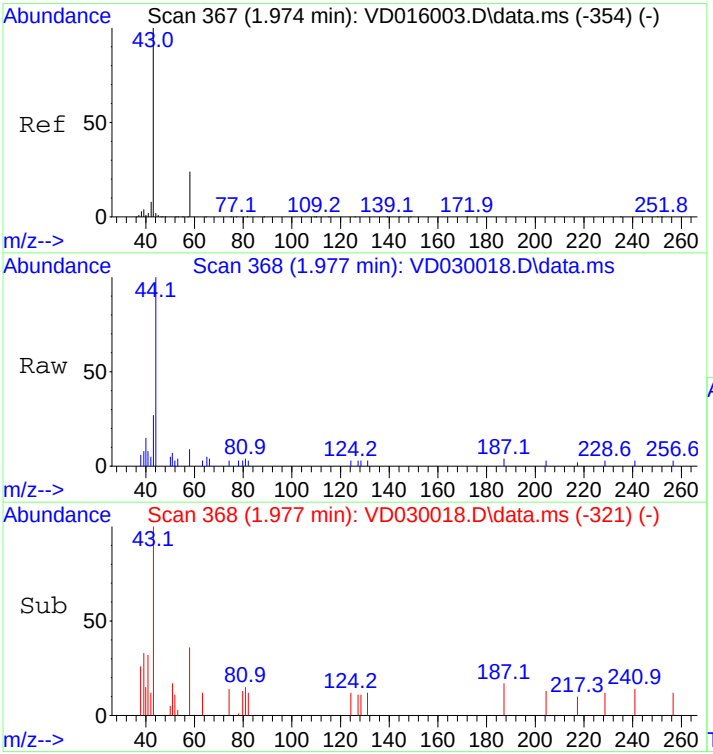
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1440124	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2122416	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	904967	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	637972	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	758581	21.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.20%				
36) TOLUENE SS	6.224	98	1905801	23.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.04%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	636895	21.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.32%				
Target Compounds							Qvalue
10) ACETONE	1.977	43	2141	0.90	UG/L	#	52
16) METHYLENE CHLORIDE	2.292	49	47730	Below Cal			84
30) CYCLOHEXANE	4.060	56	29314	Below Cal		#	52
50) TETRACHLOROETHENE	6.818	166	9568	0.81	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030018.D
Acq On : 30 Jan 2012 12:22 pm
Operator : MFF
Sample : 12A0882-01 Inst : GCMSVOA4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 12:44:14 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

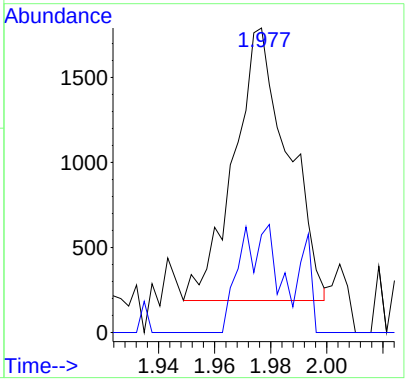


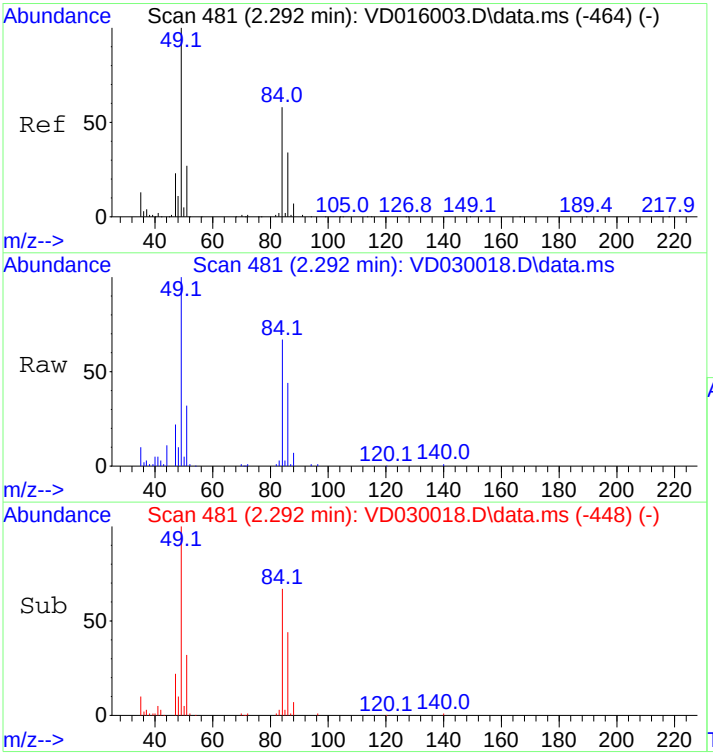


#10
ACETONE
Concen: 0.90 UG/L
RT: 1.977 min Scan# 368
Delta R.T. 0.001 min
Lab File: VD030018.D
Acq: 30 Jan 2012 12:22 pm

Tgt Ion: 43 Resp: 2141

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	46.6

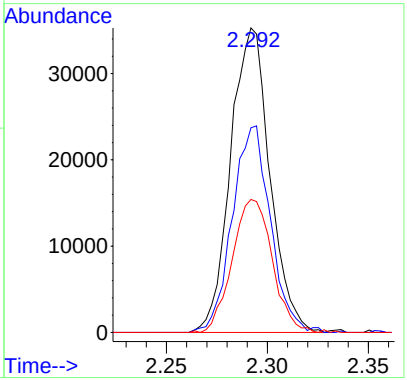


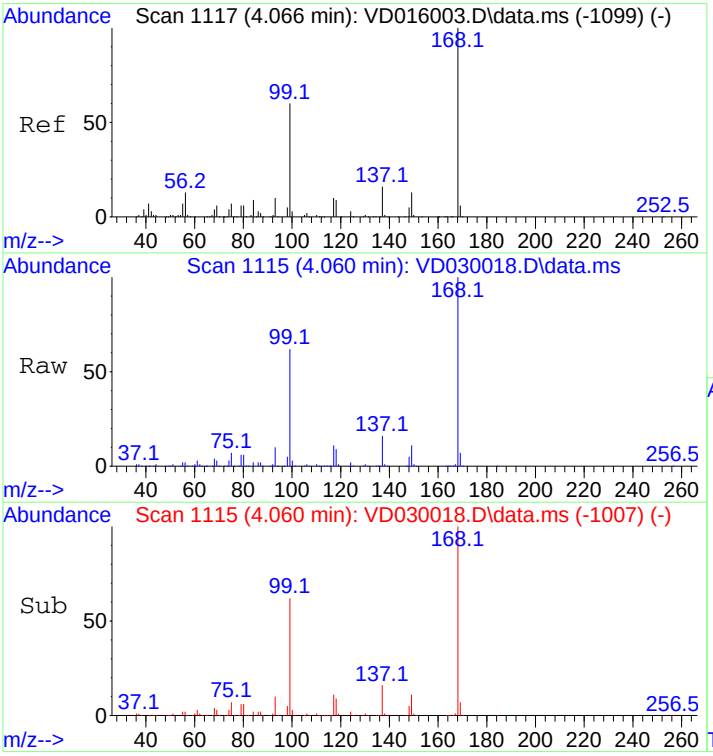


#16
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.292 min Scan# 481
Delta R.T. 0.001 min
Lab File: VD030018.D
Acq: 30 Jan 2012 12:22 pm

Tgt Ion: 49 Resp: 47730

Ion	Ratio	Lower	Upper
49	100		
84	66.0	0.0	163.8
86	44.4	0.0	105.9

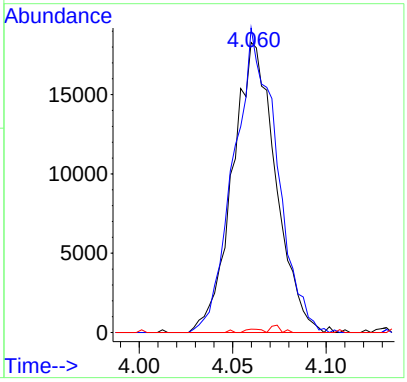


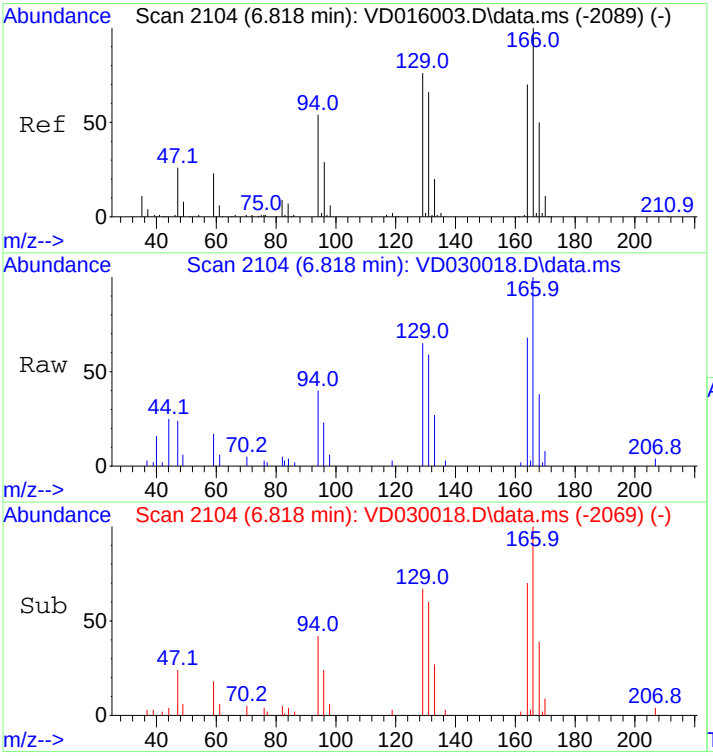


#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.060 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VD030018.D
Acq: 30 Jan 2012 12:22 pm

Tgt Ion: 56 Resp: 29314

Ion	Ratio	Lower	Upper
56	100		
84	104.9	64.5	96.7#
41	0.0	44.6	67.0#

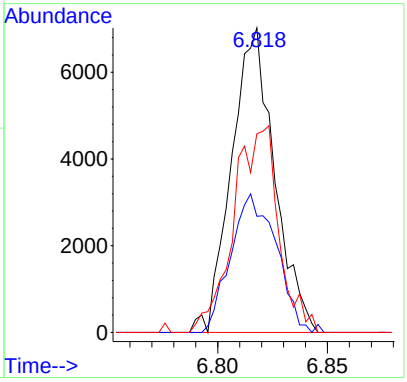




#50
TETRACHLOROETHENE
Concen: 0.81 UG/L
RT: 6.818 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VD030018.D
Acq: 30 Jan 2012 12:22 pm

Tgt Ion:166 Resp: 9568

Ion	Ratio	Lower	Upper
166	100		
168	48.3	0.0	142.5
129	70.9	0.0	213.3



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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	VD030020.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:13
Solids:	92.90	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.31 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.012	0.085	V-16
107-13-1	Acrylonitrile		0.0044	0.0051	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00060	0.00085	
71-43-2	Benzene		0.00026	0.0017	
108-86-1	Bromobenzene		0.00026	0.0017	
74-97-5	Bromochloromethane		0.00043	0.0017	
75-27-4	Bromodichloromethane		0.00034	0.0017	V-05
75-25-2	Bromoform		0.00034	0.0017	
74-83-9	Bromomethane		0.00077	0.0085	
78-93-3	2-Butanone (MEK)		0.0061	0.034	
75-65-0	tert-Butyl Alcohol (TBA)		0.0062	0.034	V-16
104-51-8	n-Butylbenzene		0.00026	0.0017	
135-98-8	sec-Butylbenzene		0.00026	0.0017	
98-06-6	tert-Butylbenzene		0.00026	0.0017	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00034	0.00085	
75-15-0	Carbon Disulfide		0.00034	0.0051	
56-23-5	Carbon Tetrachloride		0.00043	0.0017	V-05
108-90-7	Chlorobenzene		0.00026	0.0017	
124-48-1	Chlorodibromomethane		0.00034	0.00085	V-05
75-00-3	Chloroethane		0.00043	0.017	R-05
67-66-3	Chloroform		0.00026	0.0034	
74-87-3	Chloromethane		0.00026	0.0085	
95-49-8	2-Chlorotoluene		0.00026	0.0017	
106-43-4	4-Chlorotoluene		0.00026	0.0017	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0012	0.0017	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	VD030020.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:13
Solids:	92.90	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.31 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00034	0.00085	
74-95-3	Dibromomethane		0.00034	0.0017	
95-50-1	1,2-Dichlorobenzene		0.00026	0.0017	
541-73-1	1,3-Dichlorobenzene		0.00026	0.0017	
106-46-7	1,4-Dichlorobenzene		0.00017	0.0017	
110-57-6	trans-1,4-Dichloro-2-butene		0.00077	0.0034	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00034	0.017	V-05
75-34-3	1,1-Dichloroethane		0.00094	0.0017	
107-06-2	1,2-Dichloroethane		0.00034	0.0017	L-04, V-05
75-35-4	1,1-Dichloroethylene		0.00043	0.0034	
156-59-2	cis-1,2-Dichloroethylene		0.00026	0.0017	
156-60-5	trans-1,2-Dichloroethylene		0.00034	0.0017	
78-87-5	1,2-Dichloropropane		0.00094	0.0017	
142-28-9	1,3-Dichloropropane		0.00026	0.00085	
594-20-7	2,2-Dichloropropane		0.00068	0.0017	V-05
563-58-6	1,1-Dichloropropene		0.0016	0.0017	
10061-01-5	cis-1,3-Dichloropropene		0.00034	0.00085	
10061-02-6	trans-1,3-Dichloropropene		0.00034	0.00085	
60-29-7	Diethyl Ether		0.00034	0.017	
108-20-3	Diisopropyl Ether (DIPE)		0.00034	0.00085	
123-91-1	1,4-Dioxane		0.013	0.085	V-16
100-41-4	Ethylbenzene		0.00026	0.0017	
87-68-3	Hexachlorobutadiene		0.00034	0.0017	
591-78-6	2-Hexanone (MBK)		0.0052	0.017	
98-82-8	Isopropylbenzene (Cumene)		0.00034	0.0017	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	VD030020.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:13
Solids:	92.90	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.31 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00026	0.0017	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00034	0.0034	
75-09-2	Methylene Chloride		0.00051	0.017	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0050	0.017	
91-20-3	Naphthalene		0.00026	0.0034	
103-65-1	n-Propylbenzene		0.00026	0.0017	
100-42-5	Styrene		0.00026	0.0017	
630-20-6	1,1,1,2-Tetrachloroethane		0.00026	0.0017	
79-34-5	1,1,2,2-Tetrachloroethane		0.00034	0.00085	
127-18-4	Tetrachloroethylene	0.0086	0.00043	0.0017	
109-99-9	Tetrahydrofuran		0.0013	0.0085	V-16
108-88-3	Toluene		0.00034	0.0017	
87-61-6	1,2,3-Trichlorobenzene		0.00026	0.0017	
120-82-1	1,2,4-Trichlorobenzene		0.00034	0.0017	
108-70-3	1,3,5-Trichlorobenzene		0.00026	0.0017	
71-55-6	1,1,1-Trichloroethane		0.00043	0.0017	V-05
79-00-5	1,1,2-Trichloroethane		0.00026	0.0017	
79-01-6	Trichloroethylene		0.00034	0.0017	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00043	0.0085	V-05
96-18-4	1,2,3-Trichloropropane		0.00068	0.0017	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00051	0.0085	
95-63-6	1,2,4-Trimethylbenzene		0.00026	0.0017	
108-67-8	1,3,5-Trimethylbenzene		0.00034	0.0017	
75-01-4	Vinyl Chloride		0.00043	0.0085	
108383/106423	m+p Xylene		0.00060	0.0034	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	VD030020.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:13
Solids:	92.90	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.31 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
				Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00034	0.0017	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030020.D
Acq On : 30 Jan 2012 1:13 pm
Operator : MFF
Sample : 12A0882-02 Inst : GCMSVOA4
Misc :
ALS Vial : 20 Sample Multiplier: 1

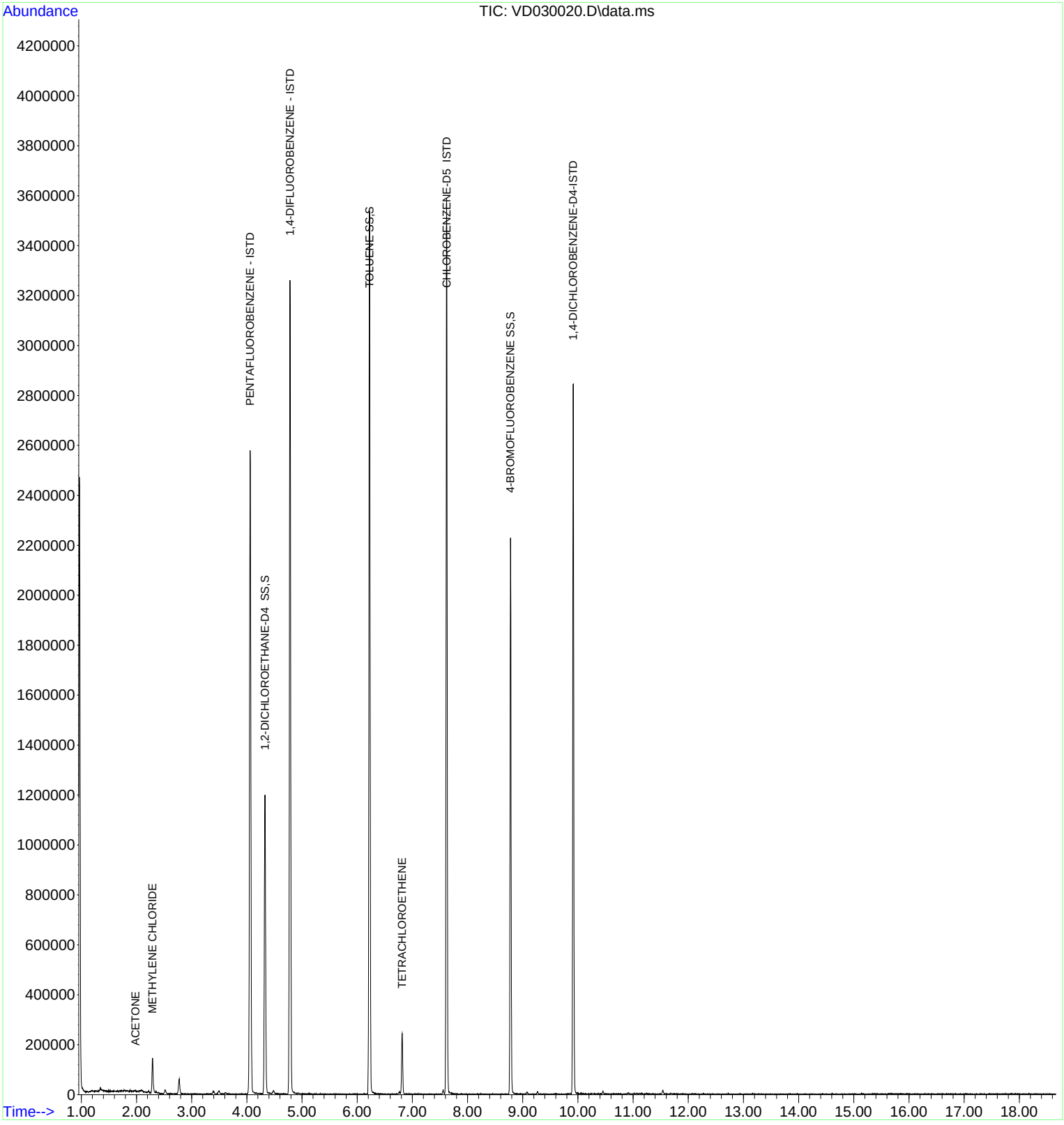
Quant Time: Jan 30 13:59:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

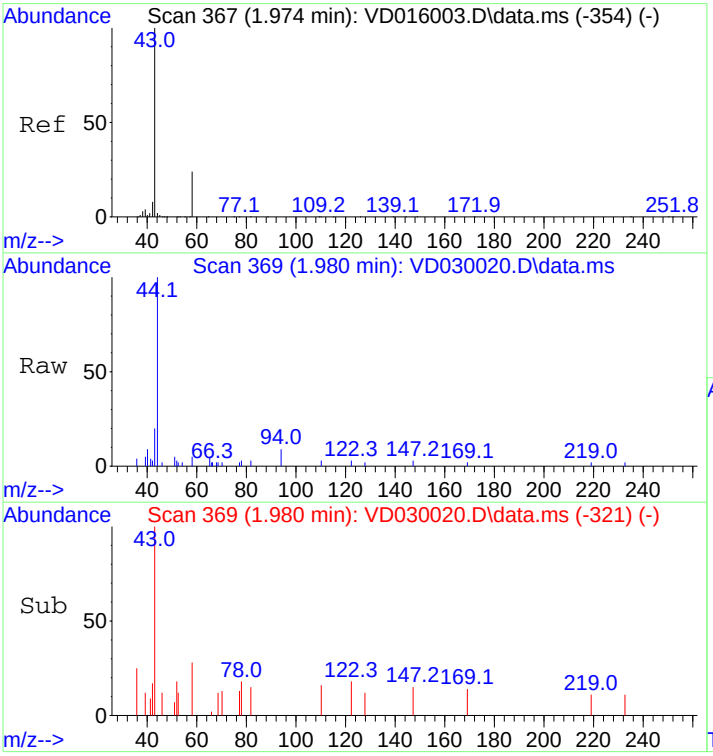
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1449858	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.782	114	2099007	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	901078	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.913	152	603450	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	746383	21.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.24%				
36) TOLUENE SS	6.221	98	1916413	23.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.56%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	602576	20.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.12%				
Target Compounds							Qvalue
10) ACETONE	1.980	43	2774	1.16	UG/L	#	52
16) METHYLENE CHLORIDE	2.289	49	58866	0.54	UG/L		76
30) CYCLOHEXANE	4.057	56	29153	Below Cal		#	50
50) TETRACHLOROETHENE	6.815	166	59202	5.04	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030020.D
Acq On : 30 Jan 2012 1:13 pm
Operator : MFF
Sample : 12A0882-02 Inst : GCMSVOA4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 30 13:59:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

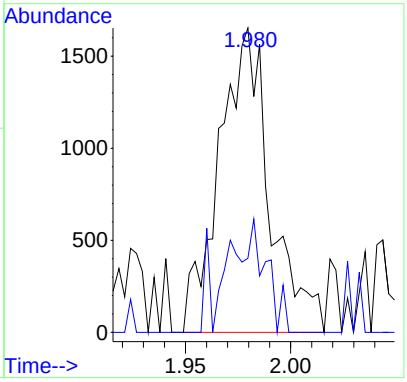


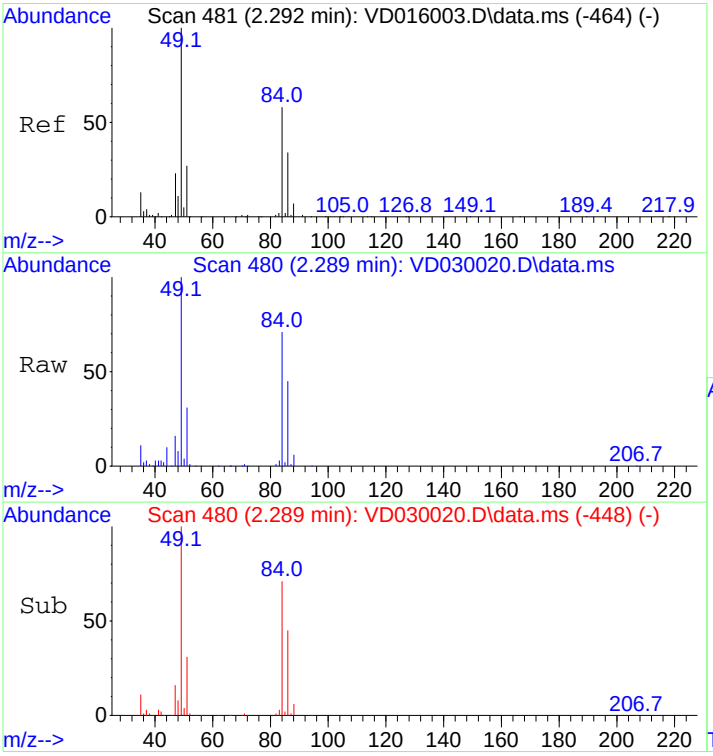


#10
ACETONE
Concen: 1.16 UG/L
RT: 1.980 min Scan# 369
Delta R.T. 0.004 min
Lab File: VD030020.D
Acq: 30 Jan 2012 1:13 pm

Tgt Ion: 43 Resp: 2774

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	46.6

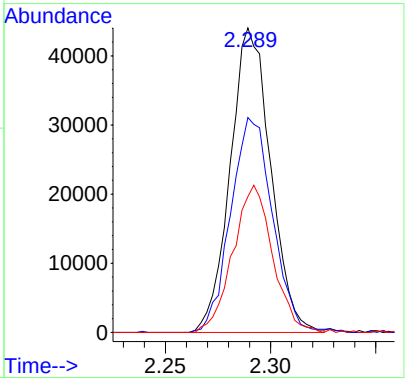


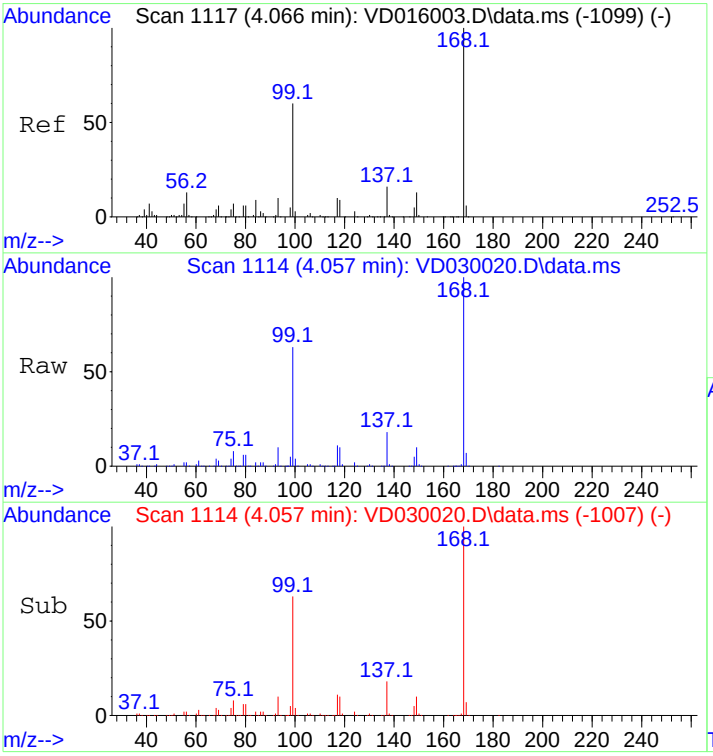


#16
METHYLENE CHLORIDE
Concen: 0.54 UG/L
RT: 2.289 min Scan# 480
Delta R.T. -0.002 min
Lab File: VD030020.D
Acq: 30 Jan 2012 1:13 pm

Tgt Ion: 49 Resp: 58866

Ion	Ratio	Lower	Upper
49	100		
84	73.2	0.0	163.8
86	47.5	0.0	105.9

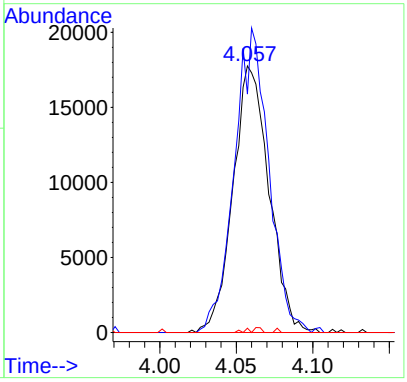


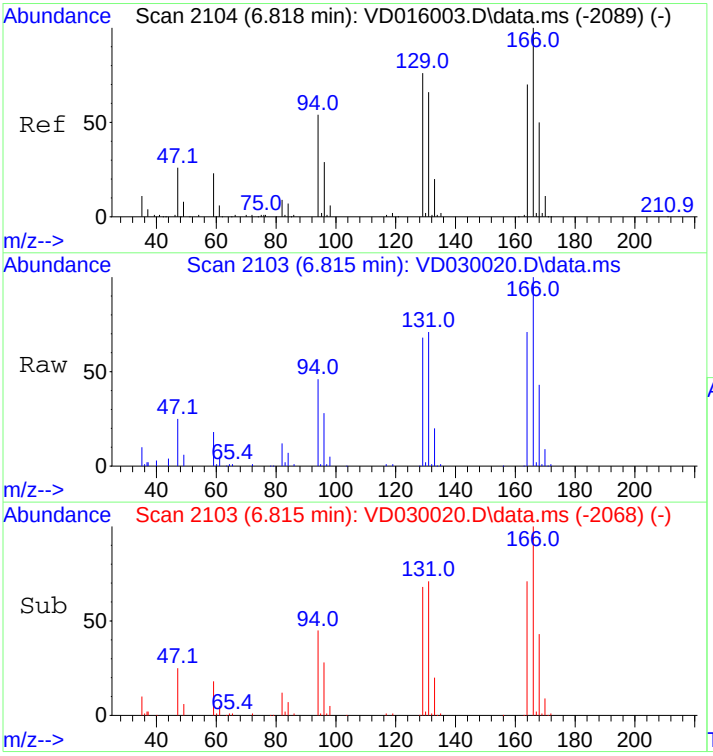


#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.057 min Scan# 1114
Delta R.T. -0.003 min
Lab File: VD030020.D
Acq: 30 Jan 2012 1:13 pm

Tgt Ion: 56 Resp: 29153

Ion	Ratio	Lower	Upper
56	100		
84	109.0	64.5	96.7#
41	0.0	44.6	67.0#

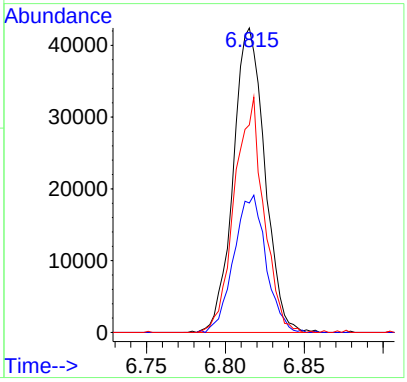




#50
TETRACHLOROETHENE
Concen: 5.04 UG/L
RT: 6.815 min Scan# 2103
Delta R.T. -0.003 min
Lab File: VD030020.D
Acq: 30 Jan 2012 1:13 pm

Tgt Ion:166 Resp: 59202

Ion	Ratio	Lower	Upper
166	100		
168	45.9	0.0	142.5
129	71.7	0.0	213.3



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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	VD030021.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:38
Solids:	92.80	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.44 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.012	0.084	V-16
107-13-1	Acrylonitrile		0.0043	0.0050	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00059	0.00084	
71-43-2	Benzene		0.00025	0.0017	
108-86-1	Bromobenzene		0.00025	0.0017	
74-97-5	Bromochloromethane		0.00042	0.0017	
75-27-4	Bromodichloromethane		0.00033	0.0017	V-05
75-25-2	Bromoform		0.00033	0.0017	
74-83-9	Bromomethane		0.00075	0.0084	
78-93-3	2-Butanone (MEK)		0.0059	0.033	
75-65-0	tert-Butyl Alcohol (TBA)		0.0061	0.033	V-16
104-51-8	n-Butylbenzene		0.00025	0.0017	
135-98-8	sec-Butylbenzene		0.00025	0.0017	
98-06-6	tert-Butylbenzene		0.00025	0.0017	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00033	0.00084	
75-15-0	Carbon Disulfide		0.00033	0.0050	
56-23-5	Carbon Tetrachloride		0.00042	0.0017	V-05
108-90-7	Chlorobenzene		0.00025	0.0017	
124-48-1	Chlorodibromomethane		0.00033	0.00084	V-05
75-00-3	Chloroethane		0.00042	0.017	R-05
67-66-3	Chloroform		0.00025	0.0033	
74-87-3	Chloromethane		0.00025	0.0084	
95-49-8	2-Chlorotoluene		0.00025	0.0017	
106-43-4	4-Chlorotoluene		0.00025	0.0017	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0012	0.0017	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	VD030021.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:38
Solids:	92.80	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.44 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00033	0.00084	
74-95-3	Dibromomethane		0.00033	0.0017	
95-50-1	1,2-Dichlorobenzene		0.00025	0.0017	
541-73-1	1,3-Dichlorobenzene		0.00025	0.0017	
106-46-7	1,4-Dichlorobenzene		0.00017	0.0017	
110-57-6	trans-1,4-Dichloro-2-butene		0.00075	0.0033	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00033	0.017	V-05
75-34-3	1,1-Dichloroethane		0.00092	0.0017	
107-06-2	1,2-Dichloroethane		0.00033	0.0017	L-04, V-05
75-35-4	1,1-Dichloroethylene		0.00042	0.0033	
156-59-2	cis-1,2-Dichloroethylene		0.00025	0.0017	
156-60-5	trans-1,2-Dichloroethylene		0.00033	0.0017	
78-87-5	1,2-Dichloropropane		0.00092	0.0017	
142-28-9	1,3-Dichloropropane		0.00025	0.00084	
594-20-7	2,2-Dichloropropane		0.00067	0.0017	V-05
563-58-6	1,1-Dichloropropene		0.0016	0.0017	
10061-01-5	cis-1,3-Dichloropropene		0.00033	0.00084	
10061-02-6	trans-1,3-Dichloropropene		0.00033	0.00084	
60-29-7	Diethyl Ether		0.00033	0.017	
108-20-3	Diisopropyl Ether (DIPE)		0.00033	0.00084	
123-91-1	1,4-Dioxane		0.013	0.084	V-16
100-41-4	Ethylbenzene		0.00025	0.0017	
87-68-3	Hexachlorobutadiene		0.00033	0.0017	
591-78-6	2-Hexanone (MBK)		0.0051	0.017	
98-82-8	Isopropylbenzene (Cumene)		0.00033	0.0017	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	VD030021.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:38
Solids:	92.80	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.44 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00025	0.0017	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00033	0.0033	
75-09-2	Methylene Chloride		0.00050	0.017	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0049	0.017	
91-20-3	Naphthalene		0.00025	0.0033	
103-65-1	n-Propylbenzene		0.00025	0.0017	
100-42-5	Styrene		0.00025	0.0017	
630-20-6	1,1,1,2-Tetrachloroethane		0.00025	0.0017	
79-34-5	1,1,2,2-Tetrachloroethane		0.00033	0.00084	
127-18-4	Tetrachloroethylene	0.010	0.00042	0.0017	
109-99-9	Tetrahydrofuran		0.0013	0.0084	V-16
108-88-3	Toluene		0.00033	0.0017	
87-61-6	1,2,3-Trichlorobenzene		0.00025	0.0017	
120-82-1	1,2,4-Trichlorobenzene		0.00033	0.0017	
108-70-3	1,3,5-Trichlorobenzene		0.00025	0.0017	
71-55-6	1,1,1-Trichloroethane		0.00042	0.0017	V-05
79-00-5	1,1,2-Trichloroethane		0.00025	0.0017	
79-01-6	Trichloroethylene		0.00033	0.0017	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00042	0.0084	V-05
96-18-4	1,2,3-Trichloropropane		0.00067	0.0017	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00050	0.0084	
95-63-6	1,2,4-Trimethylbenzene		0.00025	0.0017	
108-67-8	1,3,5-Trimethylbenzene		0.00033	0.0017	
75-01-4	Vinyl Chloride		0.00042	0.0084	
108383/106423	m+p Xylene		0.00059	0.0033	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	VD030021.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:38
Solids:	92.80	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.44 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00033	0.0017	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030021.D
Acq On : 30 Jan 2012 1:38 pm
Operator : MFF
Sample : 12A0882-03 Inst : GCMSVOA4
Misc :
ALS Vial : 21 Sample Multiplier: 1

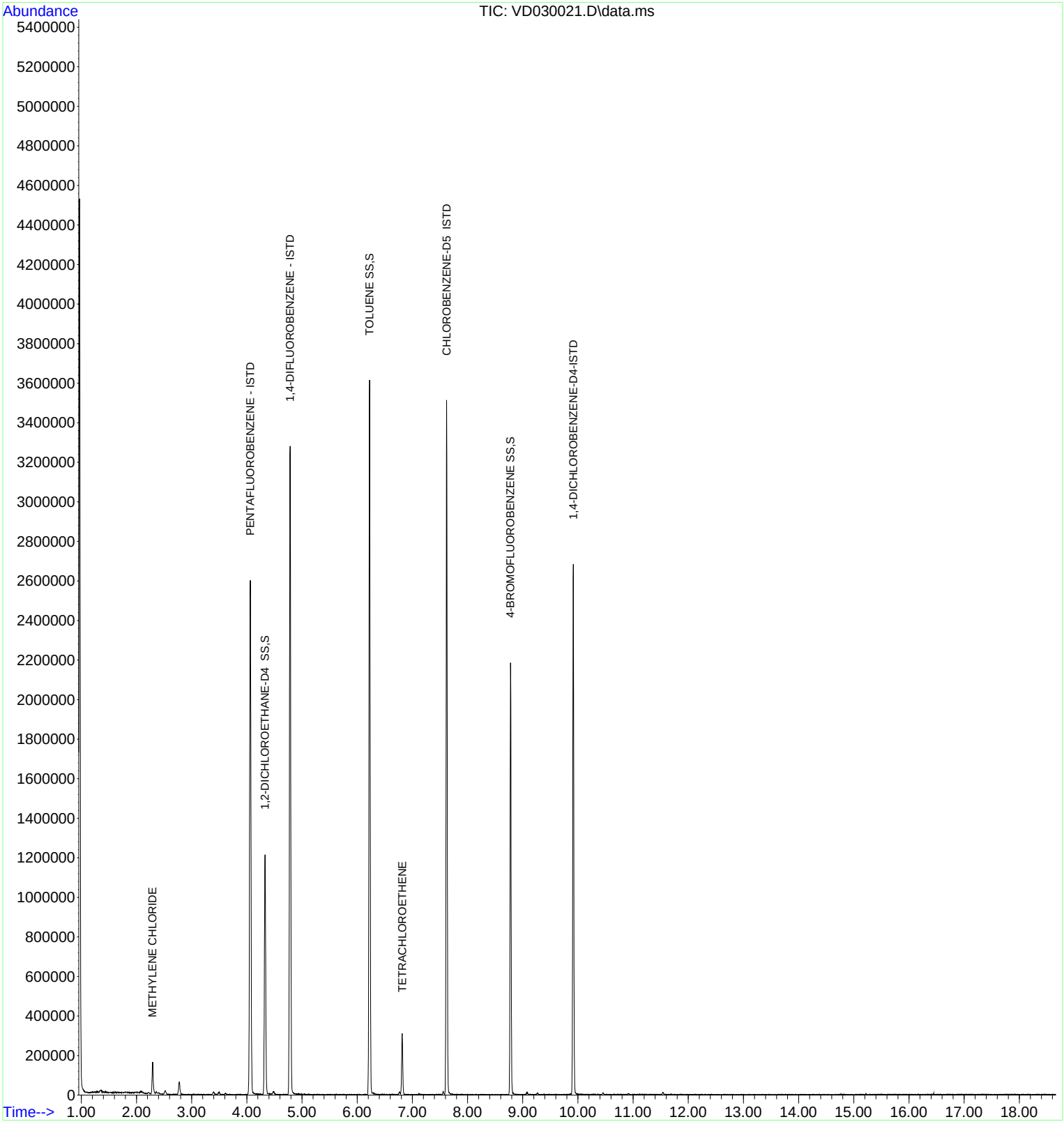
Quant Time: Jan 30 14:01:24 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

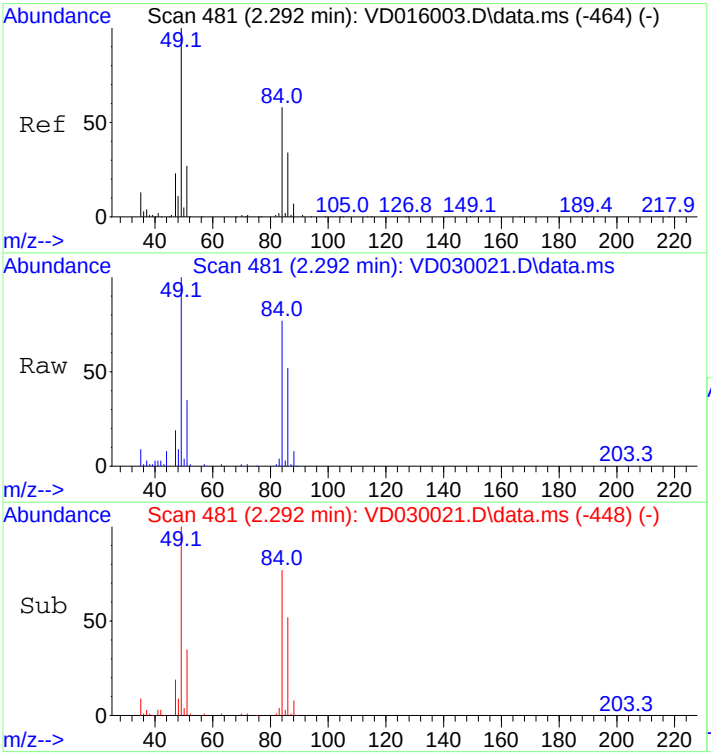
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1447950	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2095484	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	871167	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	560452	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	752364	21.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.04%				
36) TOLUENE SS	6.224	98	1913433	23.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.60%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	589890	20.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.12%				
Target Compounds							Qvalue
16) METHYLENE CHLORIDE	2.292	49	66810	1.10	UG/L		73
30) CYCLOHEXANE	4.063	56	29972	Below Cal		#	52
50) TETRACHLOROETHENE	6.818	166	70700	6.03	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030021.D
Acq On : 30 Jan 2012 1:38 pm
Operator : MFF
Sample : 12A0882-03 Inst : GCMSVOA4
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 30 14:01:24 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

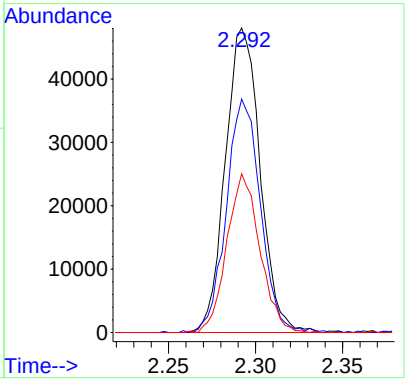


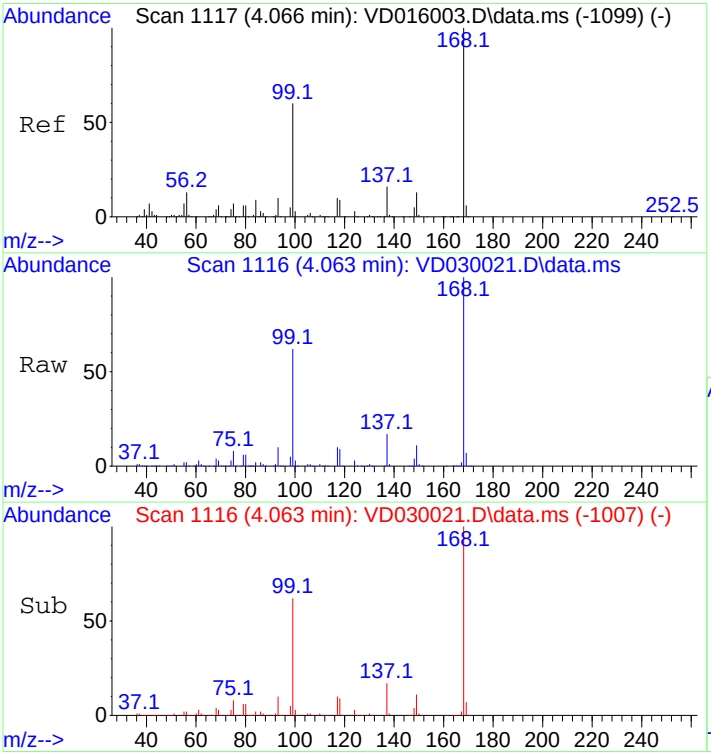


#16
METHYLENE CHLORIDE
Concen: 1.10 UG/L
RT: 2.292 min Scan# 481
Delta R.T. 0.001 min
Lab File: VD030021.D
Acq: 30 Jan 2012 1:38 pm

Tgt Ion: 49 Resp: 66810

Ion	Ratio	Lower	Upper
49	100		
84	75.3	0.0	163.8
86	49.4	0.0	105.9

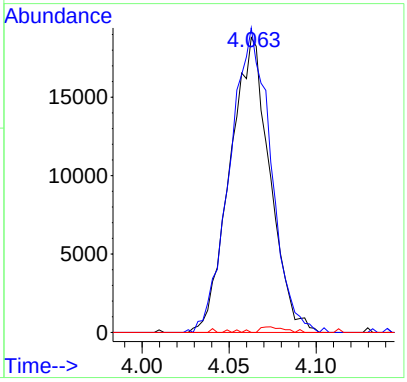


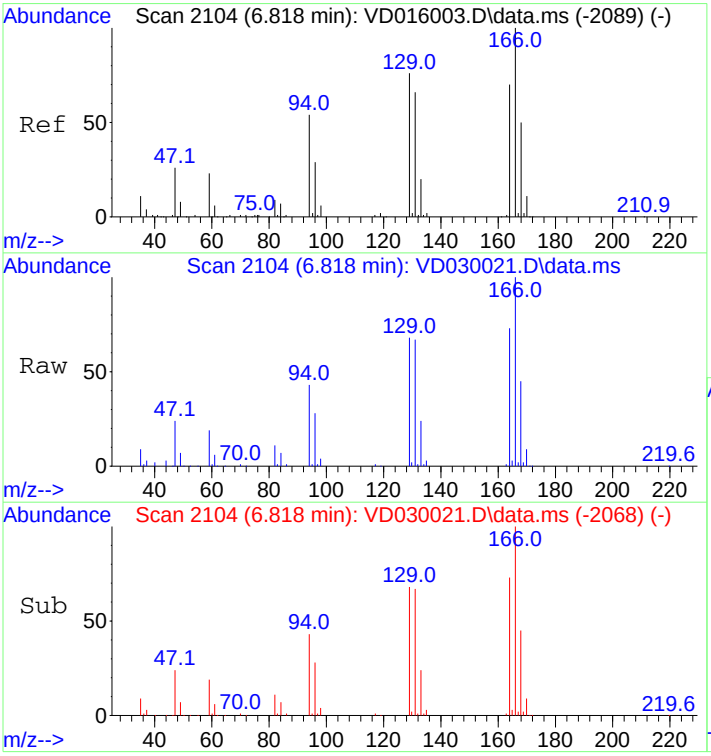


#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.063 min Scan# 1116
Delta R.T. 0.003 min
Lab File: VD030021.D
Acq: 30 Jan 2012 1:38 pm

Tgt Ion: 56 Resp: 29972

Ion	Ratio	Lower	Upper
56	100		
84	105.9	64.5	96.7#
41	0.0	44.6	67.0#

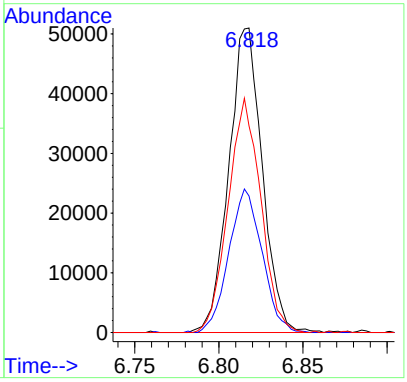




#50
TETRACHLOROETHENE
Concen: 6.03 UG/L
RT: 6.818 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VD030021.D
Acq: 30 Jan 2012 1:38 pm

Tgt Ion:166 Resp: 70700

Ion	Ratio	Lower	Upper
166	100		
168	46.8	0.0	142.5
129	74.8	0.0	213.3



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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	VD030019.D
Sampled:	01/27/12 12:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:47
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.48 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.012	0.084	V-16
107-13-1	Acrylonitrile		0.0043	0.0051	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00059	0.00084	
71-43-2	Benzene		0.00025	0.0017	
108-86-1	Bromobenzene		0.00025	0.0017	
74-97-5	Bromochloromethane		0.00042	0.0017	
75-27-4	Bromodichloromethane		0.00034	0.0017	V-05
75-25-2	Bromoform		0.00034	0.0017	
74-83-9	Bromomethane		0.00076	0.0084	
78-93-3	2-Butanone (MEK)		0.0060	0.034	
75-65-0	tert-Butyl Alcohol (TBA)		0.0062	0.034	MS-07A, V-16
104-51-8	n-Butylbenzene		0.00025	0.0017	
135-98-8	sec-Butylbenzene		0.00025	0.0017	
98-06-6	tert-Butylbenzene		0.00025	0.0017	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00034	0.00084	
75-15-0	Carbon Disulfide		0.00034	0.0051	
56-23-5	Carbon Tetrachloride		0.00042	0.0017	V-05
108-90-7	Chlorobenzene		0.00025	0.0017	
124-48-1	Chlorodibromomethane		0.00034	0.00084	MS-07A, V-05
75-00-3	Chloroethane		0.00042	0.017	R-05
67-66-3	Chloroform		0.00025	0.0034	
74-87-3	Chloromethane		0.00025	0.0084	
95-49-8	2-Chlorotoluene		0.00025	0.0017	
106-43-4	4-Chlorotoluene		0.00025	0.0017	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0012	0.0017	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	VD030019.D
Sampled:	01/27/12 12:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:47
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.48 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00034	0.00084	
74-95-3	Dibromomethane		0.00034	0.0017	
95-50-1	1,2-Dichlorobenzene		0.00025	0.0017	
541-73-1	1,3-Dichlorobenzene		0.00025	0.0017	
106-46-7	1,4-Dichlorobenzene		0.00017	0.0017	
110-57-6	trans-1,4-Dichloro-2-butene		0.00076	0.0034	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00034	0.017	MS-07A, V-05
75-34-3	1,1-Dichloroethane		0.00093	0.0017	
107-06-2	1,2-Dichloroethane		0.00034	0.0017	.-04, MS-09, V-0
75-35-4	1,1-Dichloroethylene		0.00042	0.0034	
156-59-2	cis-1,2-Dichloroethylene		0.00025	0.0017	
156-60-5	trans-1,2-Dichloroethylene		0.00034	0.0017	
78-87-5	1,2-Dichloropropane		0.00093	0.0017	
142-28-9	1,3-Dichloropropane		0.00025	0.00084	
594-20-7	2,2-Dichloropropane		0.00067	0.0017	V-05
563-58-6	1,1-Dichloropropene		0.0016	0.0017	
10061-01-5	cis-1,3-Dichloropropene		0.00034	0.00084	
10061-02-6	trans-1,3-Dichloropropene		0.00034	0.00084	
60-29-7	Diethyl Ether		0.00034	0.017	
108-20-3	Diisopropyl Ether (DIPE)		0.00034	0.00084	
123-91-1	1,4-Dioxane		0.013	0.084	V-16
100-41-4	Ethylbenzene		0.00025	0.0017	
87-68-3	Hexachlorobutadiene		0.00034	0.0017	
591-78-6	2-Hexanone (MBK)		0.0051	0.017	
98-82-8	Isopropylbenzene (Cumene)		0.00034	0.0017	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	VD030019.D
Sampled:	01/27/12 12:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:47
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.48 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00025	0.0017	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00034	0.0034	
75-09-2	Methylene Chloride		0.00051	0.017	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0050	0.017	
91-20-3	Naphthalene		0.00025	0.0034	MS-07A
103-65-1	n-Propylbenzene		0.00025	0.0017	
100-42-5	Styrene		0.00025	0.0017	
630-20-6	1,1,1,2-Tetrachloroethane		0.00025	0.0017	
79-34-5	1,1,2,2-Tetrachloroethane		0.00034	0.00084	
127-18-4	Tetrachloroethylene	0.019	0.00042	0.0017	
109-99-9	Tetrahydrofuran		0.0013	0.0084	V-16
108-88-3	Toluene		0.00034	0.0017	
87-61-6	1,2,3-Trichlorobenzene		0.00025	0.0017	MS-07A
120-82-1	1,2,4-Trichlorobenzene		0.00034	0.0017	
108-70-3	1,3,5-Trichlorobenzene		0.00025	0.0017	
71-55-6	1,1,1-Trichloroethane		0.00042	0.0017	V-05
79-00-5	1,1,2-Trichloroethane		0.00025	0.0017	
79-01-6	Trichloroethylene		0.00034	0.0017	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00042	0.0084	MS-09, V-05
96-18-4	1,2,3-Trichloropropane		0.00067	0.0017	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00051	0.0084	
95-63-6	1,2,4-Trimethylbenzene		0.00025	0.0017	
108-67-8	1,3,5-Trimethylbenzene		0.00034	0.0017	
75-01-4	Vinyl Chloride		0.00042	0.0084	
108383/106423	m+p Xylene		0.00059	0.0034	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	VD030019.D
Sampled:	01/27/12 12:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:47
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.48 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00034	0.0017	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030019.D
Acq On : 30 Jan 2012 12:47 pm
Operator : MFF
Sample : 12A0882-04 Inst : GCMSVOA4
Misc :
ALS Vial : 19 Sample Multiplier: 1

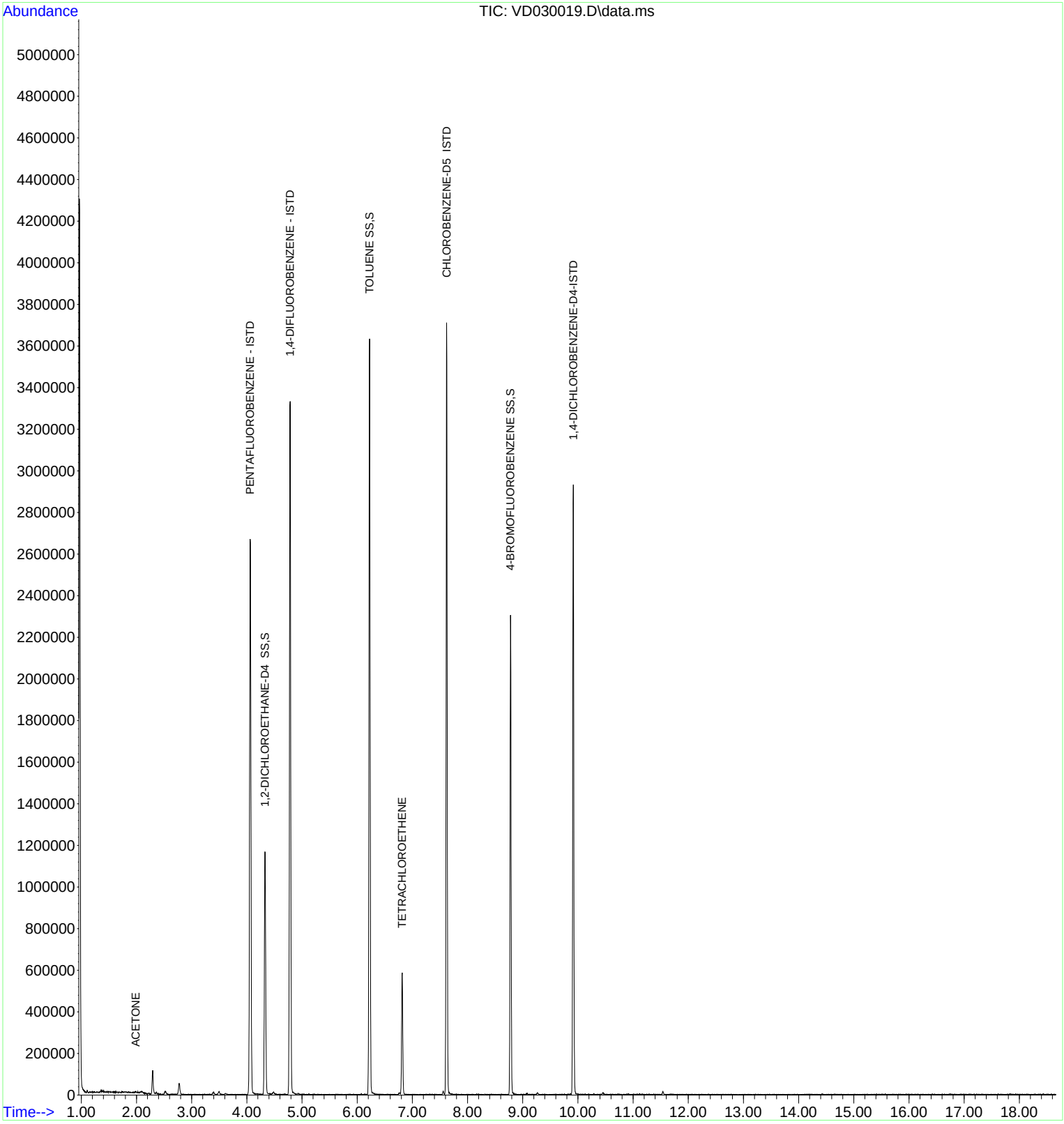
Quant Time: Jan 30 13:14:24 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

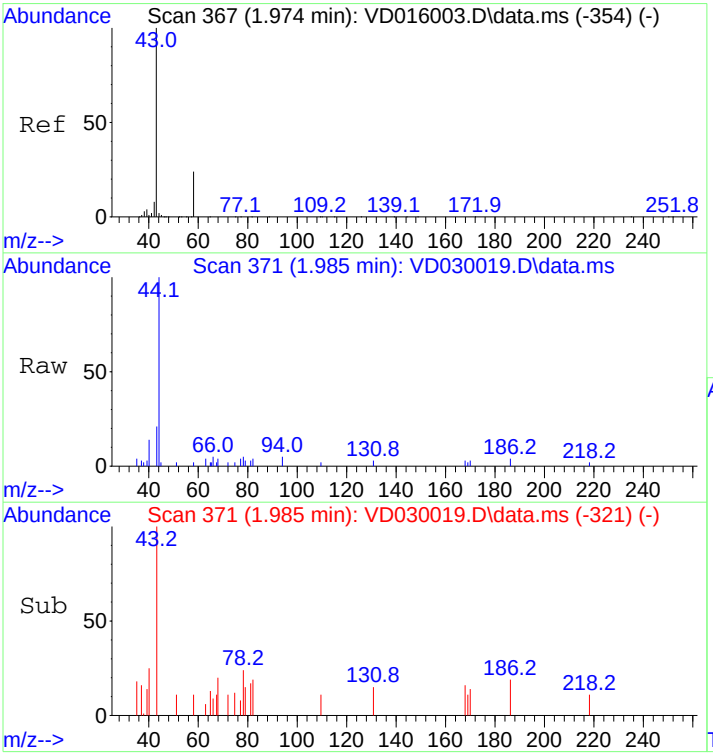
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1500207	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2147082	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	934408	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	633592	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	747141	20.61	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.44%				
36) TOLUENE SS	6.224	98	1960452	23.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.56%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	624584	20.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.08%				
Target Compounds							Qvalue
10) ACETONE	1.985	43	2021	0.82	UG/L	#	52
16) METHYLENE CHLORIDE	2.295	49	48720	Below Cal			83
30) CYCLOHEXANE	4.063	56	31645	Below Cal		#	53
50) TETRACHLOROETHENE	6.815	166	137456	11.44	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030019.D
Acq On : 30 Jan 2012 12:47 pm
Operator : MFF
Sample : 12A0882-04 Inst : GCMSVOA4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 30 13:14:24 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

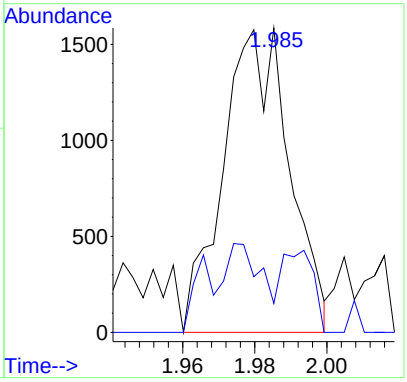


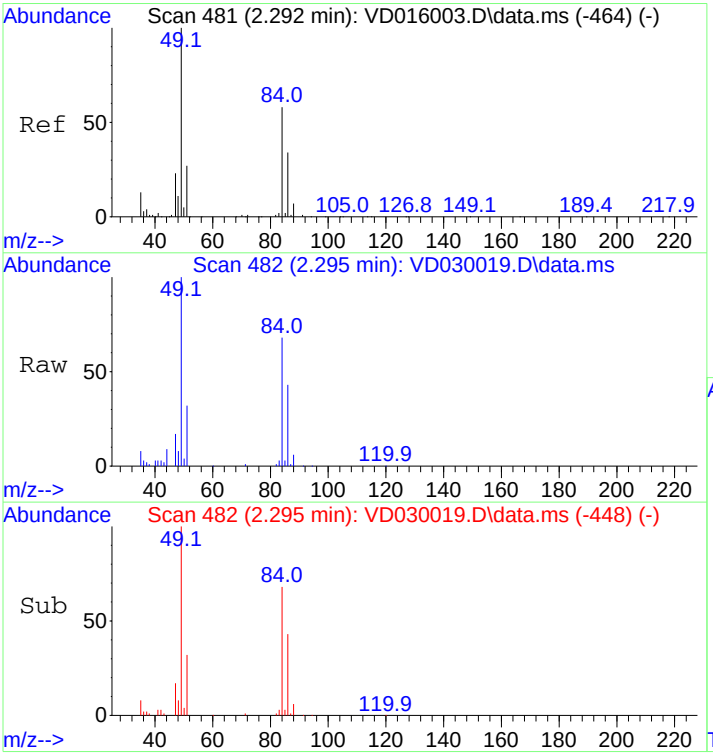


#10
ACETONE
Concen: 0.82 UG/L
RT: 1.985 min Scan# 371
Delta R.T. 0.009 min
Lab File: VD030019.D
Acq: 30 Jan 2012 12:47 pm

Tgt Ion: 43 Resp: 2021

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	46.6

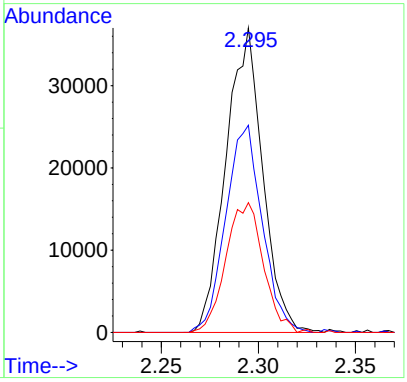


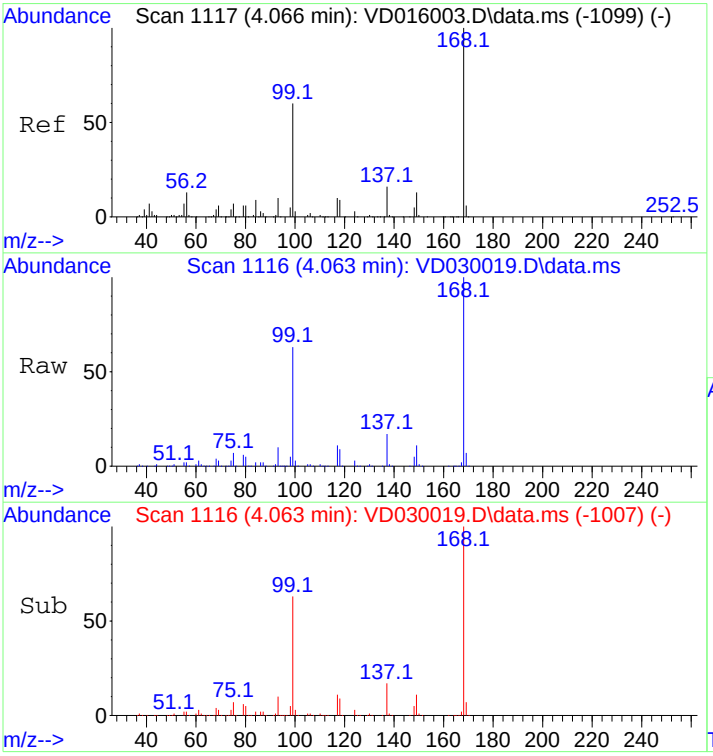


#16
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.295 min Scan# 482
Delta R.T. 0.004 min
Lab File: VD030019.D
Acq: 30 Jan 2012 12:47 pm

Tgt Ion: 49 Resp: 48720

Ion	Ratio	Lower	Upper
49	100		
84	67.7	0.0	163.8
86	43.5	0.0	105.9

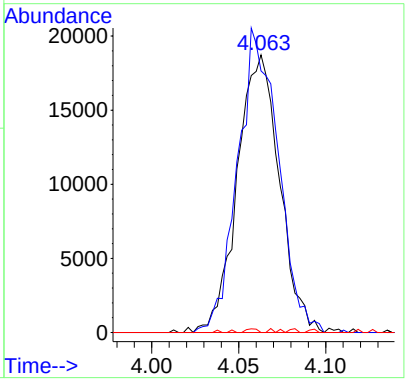


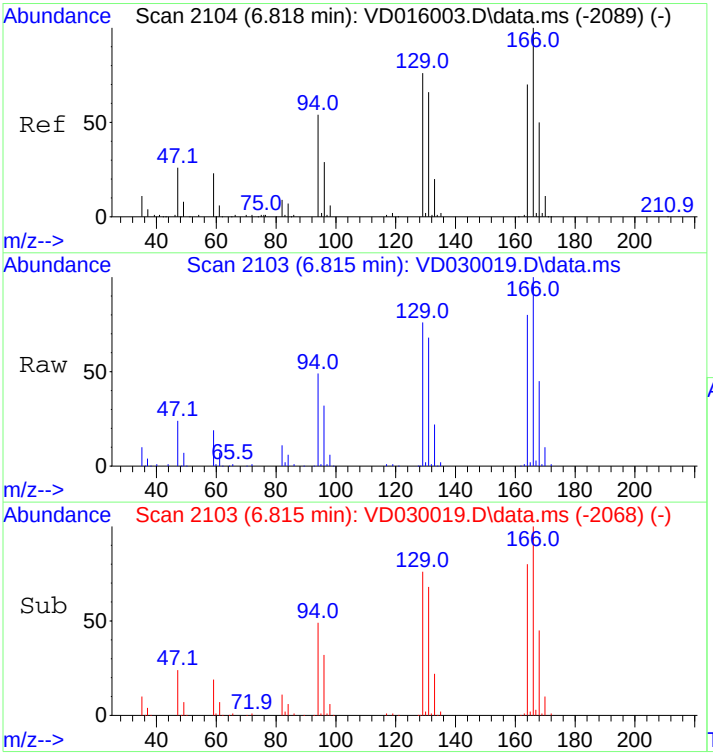


#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.063 min Scan# 1116
Delta R.T. 0.003 min
Lab File: VD030019.D
Acq: 30 Jan 2012 12:47 pm

Tgt Ion: 56 Resp: 31645

Ion	Ratio	Lower	Upper
56	100		
84	104.7	64.5	96.7#
41	0.0	44.6	67.0#

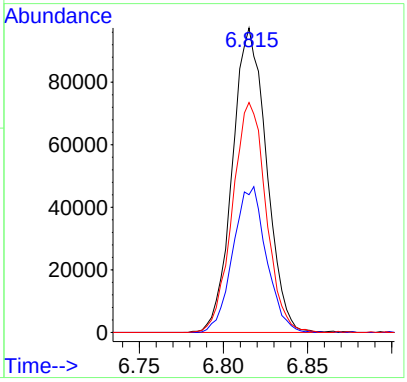




#50
TETRACHLOROETHENE
Concen: 11.44 UG/L
RT: 6.815 min Scan# 2103
Delta R.T. -0.003 min
Lab File: VD030019.D
Acq: 30 Jan 2012 12:47 pm

Tgt Ion:166 Resp: 137456

Ion	Ratio	Lower	Upper
166	100		
168	46.8	0.0	142.5
129	74.4	0.0	213.3



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Instrument:	GCMSVOA4

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12A0882-01	87.2	84.3	92.0
12A0882-02	85.2	80.1	93.6
12A0882-03	86.0	81.1	93.6
12A0882-04	82.4	80.1	93.6
B045245-BLK1	81.4	92.8	95.8
B045245-BS1	79.8	95.2	96.7
B045245-BSD1	80.0	94.9	96.9
B045245-MS1	74.2	87.5	96.3
B045245-MSD1	81.6	84.8	95.0

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MS1
Initial/Final:	7.81 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
Acetone	0.140	ND	0.119	85.2		70 - 130
Acrylonitrile	0.0140	ND	0.0124	88.4		70 - 130
tert-Amyl Methyl Ether (TAME)	0.0140	ND	0.0129	92.5		70 - 130
Benzene	0.0140	ND	0.0173	124		70 - 130
Bromobenzene	0.0140	ND	0.0127	91.0		70 - 130
Bromochloromethane	0.0140	ND	0.0145	104		70 - 130
Bromodichloromethane	0.0140	ND	0.00912	65.2	*	70 - 130
Bromoform	0.0140	ND	0.00996	71.2		70 - 130
Bromomethane	0.0140	ND	0.00788	56.3	*	70 - 130
2-Butanone (MEK)	0.140	ND	0.123	88.0		70 - 130
tert-Butyl Alcohol (TBA)	0.140	ND	0.0827	59.1	*	70 - 130
n-Butylbenzene	0.0140	ND	0.0163	116		70 - 130
sec-Butylbenzene	0.0140	ND	0.0185	132	*	70 - 130
tert-Butylbenzene	0.0140	ND	0.0178	127		70 - 130
tert-Butyl Ethyl Ether (TBEE)	0.0140	ND	0.00999	71.4		70 - 130
Carbon Disulfide	0.0140	ND	0.0105	74.7		70 - 130
Carbon Tetrachloride	0.0140	ND	0.00931	66.5	*	70 - 130
Chlorobenzene	0.0140	ND	0.0160	114		70 - 130
Chlorodibromomethane	0.0140	ND	0.00855	61.1	*	70 - 130
Chloroethane	0.0140	ND	0.00964	68.9	*	70 - 130
Chloroform	0.0140	ND	0.0116	83.1		70 - 130
Chloromethane	0.0140	ND	0.0121	86.8		70 - 130
2-Chlorotoluene	0.0140	ND	0.0134	95.9		70 - 130
4-Chlorotoluene	0.0140	ND	0.0128	91.4		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0140	ND	0.0103	73.8		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MS1
Initial/Final:	7.81 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
1,2-Dibromoethane (EDB)	0.0140	ND	0.0116	83.1		70 - 130
Dibromomethane	0.0140	ND	0.0117	83.9		70 - 130
1,2-Dichlorobenzene	0.0140	ND	0.0152	109		70 - 130
1,3-Dichlorobenzene	0.0140	ND	0.0156	112		70 - 130
1,4-Dichlorobenzene	0.0140	ND	0.0144	103		70 - 130
trans-1,4-Dichloro-2-butene	0.0140	ND	0.00953	68.1	*	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0140	ND	0.00834	59.6	*	70 - 130
1,1-Dichloroethane	0.0140	ND	0.0137	98.1		70 - 130
1,2-Dichloroethane	0.0140	ND	0.00800	57.2	*	70 - 130
1,1-Dichloroethylene	0.0140	ND	0.00914	65.3	*	70 - 130
cis-1,2-Dichloroethylene	0.0140	ND	0.0116	83.0		70 - 130
trans-1,2-Dichloroethylene	0.0140	ND	0.0131	93.9		70 - 130
1,2-Dichloropropane	0.0140	ND	0.0137	97.7		70 - 130
1,3-Dichloropropane	0.0140	ND	0.0125	89.0		70 - 130
2,2-Dichloropropane	0.0140	ND	0.00950	67.9	*	70 - 130
1,1-Dichloropropene	0.0140	ND	0.0127	91.0		70 - 130
cis-1,3-Dichloropropene	0.0140	ND	0.0116	82.9		70 - 130
trans-1,3-Dichloropropene	0.0140	ND	0.0104	74.0		70 - 130
Diethyl Ether	0.0140	ND	0.0114	81.4		70 - 130
Diisopropyl Ether (DIPE)	0.0140	ND	0.0117	83.8		70 - 130
1,4-Dioxane	0.140	ND	0.134	95.7		70 - 130
Ethylbenzene	0.0140	ND	0.0153	109		70 - 130
Hexachlorobutadiene	0.0140	ND	0.0110	78.3		70 - 130
2-Hexanone (MBK)	0.140	ND	0.0979	70.0		70 - 130
Isopropylbenzene (Cumene)	0.0140	ND	0.0185	132	*	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MS1
Initial/Final:	7.81 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	0.0140	ND	0.0161	115		70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0140	ND	0.0110	78.9		70 - 130
Methylene Chloride	0.0140	ND	0.0113	80.8		70 - 130
4-Methyl-2-pentanone (MIBK)	0.140	ND	0.0942	67.3	*	70 - 130
Naphthalene	0.0140	ND	0.00805	57.5	*	70 - 130
n-Propylbenzene	0.0140	ND	0.0151	108		70 - 130
Styrene	0.0140	ND	0.0158	113		70 - 130
1,1,1,2-Tetrachloroethane	0.0140	ND	0.0124	88.8		70 - 130
1,1,2,2-Tetrachloroethane	0.0140	ND	0.0163	117		70 - 130
Tetrachloroethylene	0.0140	0.0193	0.0242	34.8	*	70 - 130
Tetrahydrofuran	0.0140	ND	0.0126	89.7		70 - 130
Toluene	0.0140	ND	0.0126	90.1		70 - 130
1,2,3-Trichlorobenzene	0.0140	ND	0.00877	62.7	*	70 - 130
1,2,4-Trichlorobenzene	0.0140	ND	0.00918	65.6	*	70 - 130
1,3,5-Trichlorobenzene	0.0140	ND	0.0120	85.6		70 - 130
1,1,1-Trichloroethane	0.0140	ND	0.00945	67.5	*	70 - 130
1,1,2-Trichloroethane	0.0140	ND	0.0136	97.3		70 - 130
Trichloroethylene	0.0140	ND	0.0119	84.9		70 - 130
Trichlorofluoromethane (Freon 11)	0.0140	ND	0.00828	59.2	*	70 - 130
1,2,3-Trichloropropane	0.0140	ND	0.0124	88.8		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0140	ND	0.00964	68.9	*	70 - 130
1,2,4-Trimethylbenzene	0.0140	ND	0.0167	119		70 - 130
1,3,5-Trimethylbenzene	0.0140	ND	0.0130	93.0		70 - 130
Vinyl Chloride	0.0140	ND	0.0109	77.7		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MS1
Initial/Final:	7.81 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
m+p Xylene	0.0280	ND	0.0289	103	70 - 130
o-Xylene	0.0140	ND	0.0141	101	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MSD1
Initial/Final:	8.29 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	0.132	0.122	92.3		2.08	30	70 - 130
Acrylonitrile	0.0132	0.0113	85.7		9.06	30	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0132	0.0114	86.2		13.0	30	70 - 130
Benzene	0.0132	0.0141	107		20.8	30	70 - 130
Bromobenzene	0.0132	0.0116	87.8		9.54	30	70 - 130
Bromochloromethane	0.0132	0.0128	97.1		12.4	30	70 - 130
Bromodichloromethane	0.0132	0.00935	70.9		2.42	30	70 - 130
Bromoform	0.0132	0.00980	74.3		1.70	30	70 - 130
Bromomethane	0.0132	0.00928	70.4		16.3	30	70 - 130
2-Butanone (MEK)	0.132	0.109	82.5		12.3	30	70 - 130
tert-Butyl Alcohol (TBA)	0.132	0.0783	59.4	*	5.39	30	70 - 130
n-Butylbenzene	0.0132	0.0151	115		7.09	30	70 - 130
sec-Butylbenzene	0.0132	0.0178	135	*	3.42	30	70 - 130
tert-Butylbenzene	0.0132	0.0177	134	*	0.227	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	0.0132	0.00951	72.1		4.99	30	70 - 130
Carbon Disulfide	0.0132	0.0130	98.8		21.9	30	70 - 130
Carbon Tetrachloride	0.0132	0.00947	71.8		1.70	30	70 - 130
Chlorobenzene	0.0132	0.0137	104		15.6	30	70 - 130
Chlorodibromomethane	0.0132	0.00879	66.7	*	2.80	30	70 - 130
Chloroethane	0.0132	0.0108	82.3		11.8	30	70 - 130
Chloroform	0.0132	0.0109	82.9		6.20	30	70 - 130
Chloromethane	0.0132	0.0150	114		21.2	30	70 - 130
2-Chlorotoluene	0.0132	0.0124	94.1		7.86	30	70 - 130
4-Chlorotoluene	0.0132	0.0116	88.0		9.75	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0132	0.0101	76.8		1.98	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MSD1
Initial/Final:	8.29 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane (EDB)	0.0132	0.0110	83.5		5.48	30	70 - 130
Dibromomethane	0.0132	0.0115	86.9		2.45	30	70 - 130
1,2-Dichlorobenzene	0.0132	0.0138	104		9.99	30	70 - 130
1,3-Dichlorobenzene	0.0132	0.0147	112		5.87	30	70 - 130
1,4-Dichlorobenzene	0.0132	0.0132	99.8		8.92	30	70 - 130
trans-1,4-Dichloro-2-butene	0.0132	0.00941	71.4		1.23	30	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0132	0.00906	68.7	*	8.24	30	70 - 130
1,1-Dichloroethane	0.0132	0.0121	91.6		12.8	30	70 - 130
1,2-Dichloroethane	0.0132	0.00842	63.9	*	5.11	30	70 - 130
1,1-Dichloroethylene	0.0132	0.00981	74.4		7.08	30	70 - 130
cis-1,2-Dichloroethylene	0.0132	0.0107	81.3		8.03	30	70 - 130
trans-1,2-Dichloroethylene	0.0132	0.0119	90.2		9.98	30	70 - 130
1,2-Dichloropropane	0.0132	0.0127	96.4		7.30	30	70 - 130
1,3-Dichloropropane	0.0132	0.0116	88.0		7.09	30	70 - 130
2,2-Dichloropropane	0.0132	0.00943	71.5		0.798	30	70 - 130
1,1-Dichloropropene	0.0132	0.0117	88.5		8.74	30	70 - 130
cis-1,3-Dichloropropene	0.0132	0.0109	82.7		6.20	30	70 - 130
trans-1,3-Dichloropropene	0.0132	0.0104	79.2		0.827	30	70 - 130
Diethyl Ether	0.0132	0.0123	93.5		7.89	30	70 - 130
Diisopropyl Ether (DIPE)	0.0132	0.0108	81.8		8.38	30	70 - 130
1,4-Dioxane	0.132	0.127	96.6		5.01	30	70 - 130
Ethylbenzene	0.0132	0.0141	107		8.46	30	70 - 130
Hexachlorobutadiene	0.0132	0.0114	86.1		3.53	30	70 - 130
2-Hexanone (MBK)	0.132	0.0955	72.4		2.45	30	70 - 130
Isopropylbenzene (Cumene)	0.0132	0.0163	124		12.4	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MSD1
Initial/Final:	8.29 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	0.0132	0.0152	115		5.70	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0132	0.0103	78.4		6.60	30	70 - 130
Methylene Chloride	0.0132	0.0115	87.3		1.77	30	70 - 130
4-Methyl-2-pentanone (MIBK)	0.132	0.0932	70.7		1.02	30	70 - 130
Naphthalene	0.0132	0.00753	57.1	*	6.66	30	70 - 130
n-Propylbenzene	0.0132	0.0134	102		12.2	30	70 - 130
Styrene	0.0132	0.0138	104		13.7	30	70 - 130
1,1,1,2-Tetrachloroethane	0.0132	0.0122	92.7		1.67	30	70 - 130
1,1,2,2-Tetrachloroethane	0.0132	0.0137	104		17.6	30	70 - 130
Tetrachloroethylene	0.0132	0.0262	52.0	*	7.90	30	70 - 130
Tetrahydrofuran	0.0132	0.0131	99.0		3.90	30	70 - 130
Toluene	0.0132	0.0111	84.5		12.4	30	70 - 130
1,2,3-Trichlorobenzene	0.0132	0.00850	64.5	*	3.13	30	70 - 130
1,2,4-Trichlorobenzene	0.0132	0.00940	71.3		2.37	30	70 - 130
1,3,5-Trichlorobenzene	0.0132	0.0115	86.9		4.46	30	70 - 130
1,1,1-Trichloroethane	0.0132	0.00945	71.7		0.0718	30	70 - 130
1,1,2-Trichloroethane	0.0132	0.0118	89.6		14.2	30	70 - 130
Trichloroethylene	0.0132	0.0110	83.6		7.50	30	70 - 130
Trichlorofluoromethane (Freon 11)	0.0132	0.00910	69.0	*	9.35	30	70 - 130
1,2,3-Trichloropropane	0.0132	0.0117	89.0		5.74	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0132	0.0106	80.6		9.71	30	70 - 130
1,2,4-Trimethylbenzene	0.0132	0.0158	120		5.46	30	70 - 130
1,3,5-Trimethylbenzene	0.0132	0.0120	91.0		8.13	30	70 - 130
Vinyl Chloride	0.0132	0.0145	110		28.8	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MSD1
Initial/Final:	8.29 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
m+p Xylene	0.0264	0.0265	100	8.76	30	70 - 130
o-Xylene	0.0132	0.0130	98.3	8.67	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Acetone	0.200	0.187	93.7	70 - 160
Acrylonitrile	0.0200	0.0176	88.2	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0189	94.7	70 - 130
Benzene	0.0200	0.0226	113	70 - 130
Bromobenzene	0.0200	0.0198	98.9	70 - 130
Bromochloromethane	0.0200	0.0208	104	70 - 130
Bromodichloromethane	0.0200	0.0148	74.2	70 - 130
Bromoform	0.0200	0.0168	83.9	70 - 130
Bromomethane	0.0200	0.0127	63.4	40 - 130
2-Butanone (MEK)	0.200	0.179	89.6	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.141	70.3	40 - 130
n-Butylbenzene	0.0200	0.0219	110	70 - 130
sec-Butylbenzene	0.0200	0.0229	115	70 - 130
tert-Butylbenzene	0.0200	0.0215	108	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0157	78.3	70 - 130
Carbon Disulfide	0.0200	0.0210	105	70 - 130
Carbon Tetrachloride	0.0200	0.0151	75.5	70 - 130
Chlorobenzene	0.0200	0.0215	107	70 - 130
Chlorodibromomethane	0.0200	0.0149	74.4	70 - 130
Chloroethane	0.0200	0.0165	82.6	70 - 130
Chloroform	0.0200	0.0174	86.9	70 - 130
Chloromethane	0.0200	0.0203	102	70 - 130
2-Chlorotoluene	0.0200	0.0205	102	70 - 130
4-Chlorotoluene	0.0200	0.0199	99.7	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0157	78.6	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0186	93.0	70 - 130
Dibromomethane	0.0200	0.0179	89.5	70 - 130
1,2-Dichlorobenzene	0.0200	0.0216	108	70 - 130
1,3-Dichlorobenzene	0.0200	0.0219	110	70 - 130
1,4-Dichlorobenzene	0.0200	0.0199	99.6	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0155	77.3	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	0.0200	0.0155	77.6		40 - 160
1,1-Dichloroethane	0.0200	0.0195	97.7		70 - 130
1,2-Dichloroethane	0.0200	0.0132	65.8	*	70 - 130
1,1-Dichloroethylene	0.0200	0.0160	80.0		70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0172	85.8		70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0189	94.4		70 - 130
1,2-Dichloropropane	0.0200	0.0204	102		70 - 130
1,3-Dichloropropane	0.0200	0.0187	93.6		70 - 130
2,2-Dichloropropane	0.0200	0.0152	76.2		70 - 130
1,1-Dichloropropene	0.0200	0.0185	92.3		70 - 130
cis-1,3-Dichloropropene	0.0200	0.0183	91.7		70 - 130
trans-1,3-Dichloropropene	0.0200	0.0179	89.7		70 - 130
Diethyl Ether	0.0200	0.0206	103		70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0180	89.9		70 - 130
1,4-Dioxane	0.200	0.173	86.6		40 - 160
Ethylbenzene	0.0200	0.0215	108		70 - 130
Hexachlorobutadiene	0.0200	0.0174	87.1		70 - 160
2-Hexanone (MBK)	0.200	0.155	77.5		70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0260	130		70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0198	99.0		70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0170	85.0		70 - 130
Methylene Chloride	0.0200	0.0166	82.9		40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.151	75.4		70 - 160
Naphthalene	0.0200	0.0196	98.1		40 - 130
n-Propylbenzene	0.0200	0.0219	110		70 - 130
Styrene	0.0200	0.0229	114		70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0183	91.3		70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0224	112		70 - 130
Tetrachloroethylene	0.0200	0.0179	89.7		70 - 130
Tetrahydrofuran	0.0200	0.0213	107		70 - 130
Toluene	0.0200	0.0184	92.2		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	0.0200	0.0211	106	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0211	106	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0205	102	70 - 130
1,1,1-Trichloroethane	0.0200	0.0148	74.2	70 - 130
1,1,2-Trichloroethane	0.0200	0.0197	98.6	70 - 130
Trichloroethylene	0.0200	0.0182	90.9	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0142	71.1	70 - 130
1,2,3-Trichloropropane	0.0200	0.0186	93.0	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0167	83.5	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0213	106	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0200	100	70 - 130
Vinyl Chloride	0.0200	0.0195	97.3	40 - 130
m+p Xylene	0.0400	0.0410	102	70 - 130
o-Xylene	0.0200	0.0206	103	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	0.200	0.164	81.9	13.4	25	70 - 160
Acrylonitrile	0.0200	0.0179	89.7	1.69	25	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0187	93.4	1.38	25	70 - 130
Benzene	0.0200	0.0222	111	1.52	25	70 - 130
Bromobenzene	0.0200	0.0199	99.4	0.504	25	70 - 130
Bromochloromethane	0.0200	0.0207	104	0.674	25	70 - 130
Bromodichloromethane	0.0200	0.0145	72.4	2.46	25	70 - 130
Bromoform	0.0200	0.0169	84.7	0.949	25	70 - 130
Bromomethane	0.0200	0.0115	57.5	9.76	25	40 - 130
2-Butanone (MEK)	0.200	0.168	83.8	6.61	25	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.144	72.2	2.57	25	40 - 130
n-Butylbenzene	0.0200	0.0215	108	2.03	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	0.0200	0.0223	112		2.56	25	70 - 130
tert-Butylbenzene	0.0200	0.0212	106		1.59	25	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0156	78.0		0.384	25	70 - 130
Carbon Disulfide	0.0200	0.0214	107		1.98	25	70 - 130
Carbon Tetrachloride	0.0200	0.0144	72.0		4.75	25	70 - 130
Chlorobenzene	0.0200	0.0216	108		0.557	25	70 - 130
Chlorodibromomethane	0.0200	0.0149	74.5		0.134	25	70 - 130
Chloroethane	0.0200	0.0124	61.9	*	28.7	25	70 - 130
Chloroform	0.0200	0.0169	84.6		2.68	25	70 - 130
Chloromethane	0.0200	0.0195	97.3		4.32	25	70 - 130
2-Chlorotoluene	0.0200	0.0201	101		1.68	25	70 - 130
4-Chlorotoluene	0.0200	0.0194	97.2		2.54	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0155	77.7		1.15	25	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0183	91.5		1.63	25	70 - 130
Dibromomethane	0.0200	0.0179	89.3		0.224	25	70 - 130
1,2-Dichlorobenzene	0.0200	0.0224	112		3.45	25	70 - 130
1,3-Dichlorobenzene	0.0200	0.0220	110		0.273	25	70 - 130
1,4-Dichlorobenzene	0.0200	0.0200	100		0.401	25	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0157	78.3		1.29	25	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.0148	73.9		4.88	25	40 - 160
1,1-Dichloroethane	0.0200	0.0190	95.2		2.59	25	70 - 130
1,2-Dichloroethane	0.0200	0.0131	65.7	*	0.152	25	70 - 130
1,1-Dichloroethylene	0.0200	0.0154	76.8		4.08	25	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0165	82.5		3.92	25	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0180	89.9		4.88	25	70 - 130
1,2-Dichloropropane	0.0200	0.0202	101		1.08	25	70 - 130
1,3-Dichloropropane	0.0200	0.0189	94.4		0.851	25	70 - 130
2,2-Dichloropropane	0.0200	0.0147	73.6		3.47	25	70 - 130
1,1-Dichloropropene	0.0200	0.0180	89.9		2.63	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	0.0200	0.0188	93.8		2.26	25	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0174	87.0		3.06	25	70 - 130
Diethyl Ether	0.0200	0.0192	96.2		6.92	25	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0174	87.1		3.16	25	70 - 130
1,4-Dioxane	0.200	0.206	103		17.1	50	40 - 160
Ethylbenzene	0.0200	0.0208	104		3.31	25	70 - 130
Hexachlorobutadiene	0.0200	0.0165	82.6		5.30	25	70 - 160
2-Hexanone (MBK)	0.200	0.153	76.6		1.06	25	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0253	126		2.88	25	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0195	97.6		1.42	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0165	82.3		3.23	25	70 - 130
Methylene Chloride	0.0200	0.0160	80.1		3.44	25	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.149	74.6		1.05	25	70 - 160
Naphthalene	0.0200	0.0204	102		3.90	25	40 - 130
n-Propylbenzene	0.0200	0.0214	107		2.40	25	70 - 130
Styrene	0.0200	0.0228	114		0.175	25	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0184	92.2		0.981	25	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0229	114		2.21	25	70 - 130
Tetrachloroethylene	0.0200	0.0172	85.8		4.44	25	70 - 130
Tetrahydrofuran	0.0200	0.0209	104		2.27	25	70 - 130
Toluene	0.0200	0.0179	89.6		2.86	25	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.0214	107		1.51	25	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0214	107		1.50	25	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0200	100		2.47	25	70 - 130
1,1,1-Trichloroethane	0.0200	0.0146	73.1		1.49	25	70 - 130
1,1,2-Trichloroethane	0.0200	0.0197	98.3		0.305	25	70 - 130
Trichloroethylene	0.0200	0.0175	87.3		4.04	25	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0137	68.6	*	3.58	25	70 - 130
1,2,3-Trichloropropane	0.0200	0.0185	92.5		0.539	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0168	84.2	0.835	25	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0210	105	1.33	25	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0194	96.9	3.35	25	70 - 130
Vinyl Chloride	0.0200	0.0197	98.4	1.12	25	40 - 130
m+p Xylene	0.0400	0.0401	100	2.27	25	70 - 130
o-Xylene	0.0200	0.0203	102	1.46	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B045245-BLK1	Batch:	B045245

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B045245-MSD1	VD030023.D	14:29
Matrix Spike	B045245-MS1	VD030022.D	14:04
LCS Dup	B045245-BSD1	VD030005.D	06:49
LCS	B045245-BS1	VD030004.D	06:24
FPC-SB03	12A0882-04	VD030019.D	12:47
FPC-SB02/D	12A0882-03	VD030021.D	13:38
FPC-SB02	12A0882-02	VD030020.D	13:13
FPC-SB01	12A0882-01	VD030018.D	12:22

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VD030002.D	Injection Date:	01/30/12
Instrument ID:	GCMSVOA4	Injection Time:	05:32
Sequence:	S001791	Lab Sample ID:	S001791-TUN1

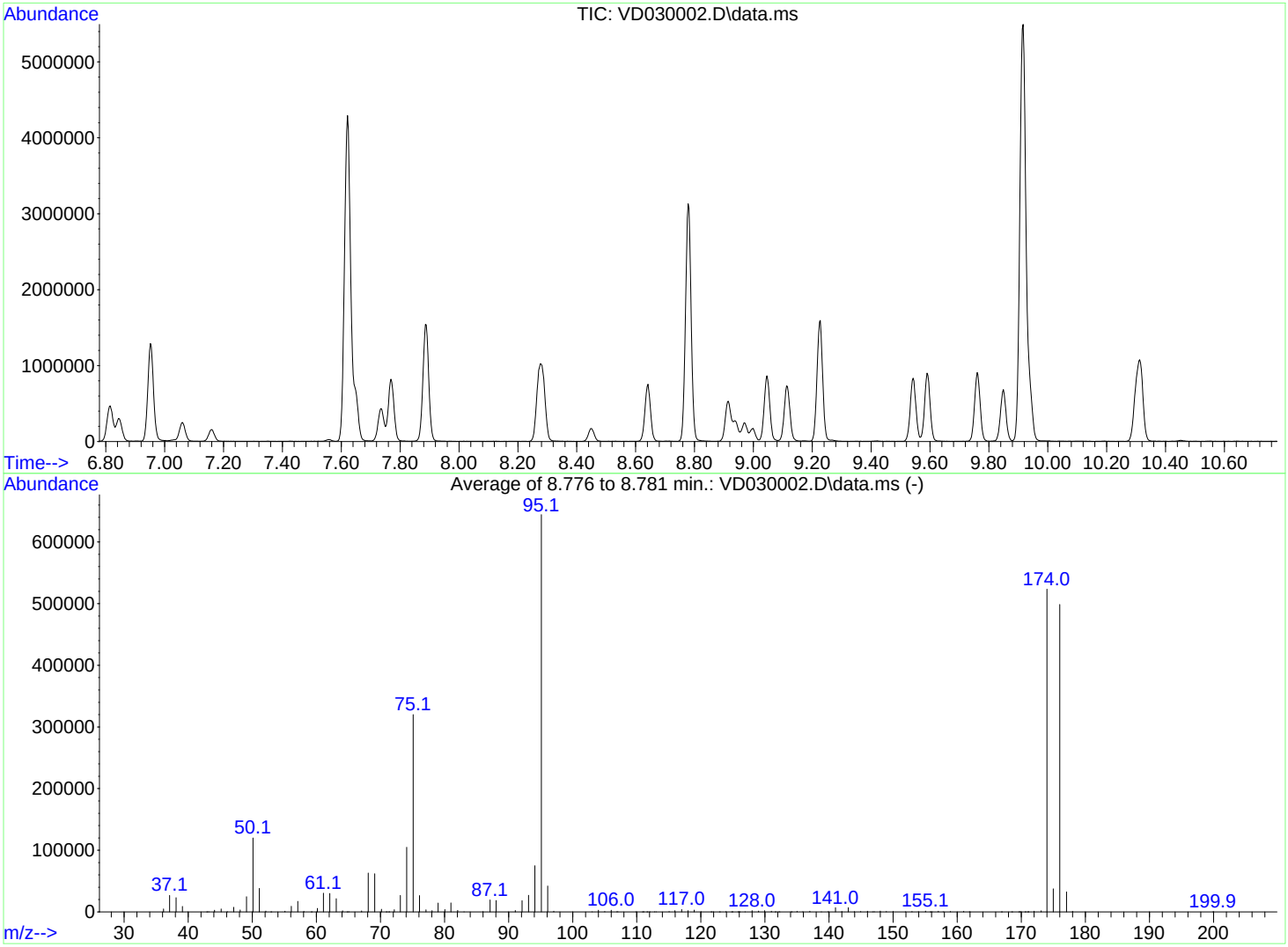
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	18.6	PASS
75	30 - 60% of 95	49.7	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.52	PASS
173	Less than 2% of 174	0.351	PASS
174	50 - 200% of 95	81.2	PASS
175	5 - 9% of 174	7.18	PASS
176	95 - 101% of 174	95.3	PASS
177	5 - 9% of 176	6.49	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001791-CCV1	VD030003.D	01/30/2012	5:58:00
LCS	B045245-BS1	VD030004.D	01/30/2012	6:24:00
LCS Dup	B045245-BSD1	VD030005.D	01/30/2012	6:49:00
Blank	B045245-BLK1	VD030007.D	01/30/2012	7:41:00
FPC-SB01	12A0882-01	VD030018.D	01/30/2012	12:22:00
FPC-SB03	12A0882-04	VD030019.D	01/30/2012	12:47:00
FPC-SB02	12A0882-02	VD030020.D	01/30/2012	13:13:00
FPC-SB02/D	12A0882-03	VD030021.D	01/30/2012	13:38:00
Matrix Spike	B045245-MS1	VD030022.D	01/30/2012	14:04:00
Matrix Spike Dup	B045245-MSD1	VD030023.D	01/30/2012	14:29:00

Data Path : Y:\1\DATA\013012\
Data File : VD030002.D
Acq On : 30 Jan 2012 5:32 am
Operator : MFF
Sample : BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\V01219S11.M
Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
Last Update : Fri Jan 28 15:07:12 2011



Spectrum Information: Average of 8.776 to 8.781 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	119971	PASS
75	95	30	60	49.7	319957	PASS
95	95	100	100	100.0	644373	PASS
96	95	5	9	6.5	42024	PASS
173	174	0.00	2	0.4	1839	PASS
174	95	50	100	81.2	523456	PASS
175	174	5	9	7.2	37594	PASS
176	174	95	101	95.3	498709	PASS
177	176	5	9	6.5	32362	PASS

Average of 8.776 to 8.781 min.: VD030002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	4805	49.10	24648	61.10	30320	71.30	54
37.10	26765	50.10	119971	62.10	29944	72.15	3564
38.10	23187	51.10	38186	63.10	21594	73.10	26712
39.10	8866	52.10	1469	64.10	1850	74.10	104944
42.90	126	52.90	62	64.80	75	75.10	319957
43.20	171	55.10	1063	65.10	344	76.10	26557
44.10	2710	56.10	9084	67.05	1550	77.10	3415
45.15	4722	57.10	17181	68.10	63160	78.05	2053
46.15	232	58.05	895	69.10	61917	79.00	14392
47.10	7635	59.20	92	70.15	4280	80.05	3859
48.10	3290	60.15	5800	70.90	64	81.00	14570

Average of 8.776 to 8.781 min.: VD030002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
82.05	2567	97.05	1114	112.05	305	122.90	91
83.05	211	103.05	274	112.75	332	123.90	547
86.00	550	104.00	2725	113.00	300	124.80	111
87.10	19469	105.00	796	115.05	616	124.95	210
88.05	18429	106.00	2767	115.95	2183	125.80	80
91.05	2279	106.90	200	117.00	3909	126.00	95
92.10	18325	107.05	504	118.00	2164	126.90	212
93.10	27066	109.85	330	118.95	2982	128.00	2142
94.10	74829	110.90	101	120.05	293	129.00	1328
95.10	644373	111.10	262	121.60	59	129.95	2101
96.10	42024	111.60	53	121.95	182	131.00	1071

Average of 8.776 to 8.781 min.: VD030002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
131.60	61	143.95	582	155.05	1467	169.80	60
132.20	64	144.95	631	155.80	76	170.60	69
134.10	115	146.00	1159	156.10	164	171.00	126
135.00	1016	146.80	146	157.05	1279	171.15	159
135.90	215	147.05	362	157.80	151	172.00	1057
137.00	1215	148.00	1350	158.95	807	173.10	1839
138.80	278	148.95	629	161.00	996	174.00	523456
139.85	272	150.00	793	161.90	63	175.00	37594
141.00	6872	151.90	275	166.90	97	176.00	498709
142.00	749	152.95	659	168.50	109	177.05	32362
143.00	6806	153.95	490	169.60	53	178.00	924

Average of 8.776 to 8.781 min.: VD030002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
199.90	58						

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone							20	0.0602076	50	0.0527848	100	4.744937E-02
Acrylonitrile					1	8.975132E-02	2	7.580622E-02	5	7.176225E-02	10	7.284582E-02
tert-Amyl Methyl Ether (TAME)	0.2	0.4190378	0.5	0.3736979	1	0.4078898	2	0.3667447	5	0.4081525	10	0.4199067
Benzene	0.2	0.6532529	0.5	0.5472176	1	0.6841494	2	0.6381898	5	0.6219526	10	0.6080528
Bromobenzene	0.2	0.483422	0.5	0.4280397	1	0.4933801	2	0.4486881	5	0.4837293	10	0.4591531
Bromochloromethane	0.2	0.1015729	0.5	9.474537E-02	1	9.364339E-02	2	8.754595E-02	5	8.859868E-02	10	0.083002
Bromodichloromethane	0.2	0.2385986	0.5	0.2253071	1	0.253034	2	0.2317625	5	0.2351508	10	0.2376365
Bromoform	0.2	0.201931	0.5	0.1946176	1	0.1966961	2	0.1875847	5	0.1986015	10	0.2015992
Bromomethane									5	0.1207023	10	0.1243158
2-Butanone (MEK)	2	0.1065818	5	9.665469E-02	10	0.1026166	20	9.081041E-02	50	0.0971683	100	9.516607E-02
tert-Butyl Alcohol (TBA)							20	2.743676E-02	50	2.476814E-02	100	2.367537E-02
n-Butylbenzene	0.2	1.040897	0.5	0.7557883	1	1.03486	2	0.9767374	5	1.05618	10	1.064859
sec-Butylbenzene	0.2	0.236442	0.5	0.1954365	1	0.2414394	2	0.2066229	5	0.2404601	10	0.2454387
tert-Butylbenzene	0.2	0.8260411	0.5	0.6362123	1	0.8328125	2	0.801073	5	0.9131252	10	0.9150028
tert-Butyl Ethyl Ether (TBEE)	0.2	0.6439918	0.5	0.6520899	1	0.6593958	2	0.6163704	5	0.6579183	10	0.6609027
Carbon Disulfide	2	0.4684201	5	0.3766119	10	0.4776553	20	0.4405648	50	0.4697425	100	0.4535043
Carbon Tetrachloride			0.5	0.3364722	1	0.4770909	2	0.3653132	5	0.4327916	10	0.4191172
Chlorobenzene	0.2	0.7625137	0.5	0.6058073	1	0.7217075	2	0.647338	5	0.7014673	10	0.6252385
Chlorodibromomethane	0.2	0.1903267	0.5	0.1528932	1	0.1867224	2	0.1712748	5	0.1775916	10	0.1689945
Chloroethane	0.2	0.1136222	0.5	0.1061933	1	0.1117221	2	9.939502E-02	5	0.1005505	10	9.861843E-02
Chloroform	0.2	0.502686	0.5	0.3741382	1	0.4262604	2	0.3935244	5	0.4178705	10	0.3876914
Chloromethane			0.5	0.192693	1	0.2437608	2	0.2194663	5	0.2144845	10	0.2051155
2-Chlorotoluene	0.2	0.9668441	0.5	0.6782128	1	0.9152728	2	0.9052889	5	0.8564282	10	0.8830534
4-Chlorotoluene	0.2	1.010918	0.5	0.871294	1	1.073927	2	1.064986	5	1.133984	10	1.032448
1,2-Dibromo-3-chloropropane (D					1	8.254403E-02	2	7.287384E-02	5	6.679418E-02	10	6.722863E-02
1,2-Dibromoethane (EDB)	0.2	0.1143751	0.5	0.1155677	1	0.1269557	2	0.1138143	5	0.1182259	10	0.1163393

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Dibromomethane	0.2	7.326572E-02	0.5	8.274603E-02	1	9.066417E-02	2	8.743304E-02	5	0.0845123	10	7.948463E-02
1,2-Dichlorobenzene	0.2	0.5868381	0.5	0.4620551	1	0.5713207	2	0.5282189	5	0.5462521	10	0.5212251
1,3-Dichlorobenzene	0.2	0.6228566	0.5	0.5171395	1	0.6078376	2	0.5569223	5	0.6108254	10	0.5665241
1,4-Dichlorobenzene	0.2	0.8001881	0.5	0.6083431	1	0.663424	2	0.6010437	5	0.6414865	10	0.6004796
trans-1,4-Dichloro-2-butene	0.2	9.597721E-02	0.5	0.1210723	1	0.1219535	2	0.1068637	5	0.1070923	10	0.1021648
Dichlorodifluoromethane (Freon	0.2	0.4222244	0.5	0.3178994	1	0.3301455	2	0.3023303	5	0.3179767	10	0.328225
1,1-Dichloroethane	0.2	0.410673	0.5	0.3135363	1	0.405574	2	0.3673212	5	0.3718564	10	0.3577632
1,2-Dichloroethane	0.2	0.3530483	0.5	0.290244	1	0.3249698	2	0.2982119	5	0.3046889	10	0.2877779
1,1-Dichloroethylene	0.2	0.340767	0.5	0.2759104	1	0.3366647	2	0.298026	5	0.3152828	10	0.3064129
cis-1,2-Dichloroethylene	0.2	0.4355683	0.5	0.3418359	1	0.4210255	2	0.3744088	5	0.3798125	10	0.39673
trans-1,2-Dichloroethylene	0.2	0.3268256	0.5	0.2790726	1	0.348341	2	0.3222609	5	0.3444447	10	0.3385221
1,2-Dichloropropane	0.2	0.1403389	0.5	0.1229857	1	0.1326231	2	0.1147568	5	0.1322869	10	0.1240547
1,3-Dichloropropane	0.2	0.2089789	0.5	0.1608411	1	0.1943461	2	0.1736809	5	0.1807047	10	0.1770002
2,2-Dichloropropane	0.2	0.407586	0.5	0.3479601	1	0.3849265	2	0.3622516	5	0.3634205	10	0.3690929
1,1-Dichloropropene	0.2	0.1176054	0.5	8.409803E-02	1	9.230063E-02	2	7.888778E-02	5	9.032912E-02	10	8.042532E-02
cis-1,3-Dichloropropene	0.2	0.1975638	0.5	0.1698192	1	0.1884198	2	0.1745091	5	0.187853	10	0.1844719
trans-1,3-Dichloropropene	0.2	0.1878646	0.5	0.1800926	1	0.1808249	2	0.1709464	5	0.1845101	10	0.1798906
Diethyl Ether			0.5	8.093585E-02	1	7.250941E-02	2	0.0684602	5	7.071612E-02	10	6.685672E-02
Diisopropyl Ether (DIPE)	0.2	0.7620951	0.5	0.5728353	1	0.7125616	2	0.6910931	5	0.7019109	10	0.7202263
1,4-Dioxane							20	1.245882E-03	50	1.259054E-03	100	1.314977E-03
Ethylbenzene	0.2	1.252755	0.5	0.9214476	1	1.174337	2	1.188149	5	1.141521	10	1.130706
Hexachlorobutadiene	0.2	0.3748685	0.5	0.3317641	1	0.4021288	2	0.348032	5	0.3579943	10	0.3392597
2-Hexanone (MBK)	2	0.1021244	5	9.626328E-02	10	0.1051161	20	9.768782E-02	50	0.1011459	100	0.1021888
Isopropylbenzene (Cumene)	0.2	0.2353967	0.5	0.1920405	1	0.2451743	2	0.2390852	5	0.2510631	10	0.2470097
p-Isopropyltoluene (p-Cymene)	0.2	1.158491	0.5	0.9868913	1	1.172278	2	1.098157	5	1.210943	10	1.131722
Methyl tert-Butyl Ether (MTBE)	0.2	0.4993003	0.5	0.5209995	1	0.52617	2	0.4885654	5	0.51942	10	0.5324508

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Methylene Chloride	0.2	5.447093	0.5	2.356706	1	1.360884	2	0.7393145	5	0.5291262	10	0.4172393
4-Methyl-2-pentanone (MIBK)	2	0.140227	5	0.1235244	10	0.1442097	20	0.1341882	50	0.1455681	100	0.1432308
Naphthalene	0.2	0.6207231	0.5	0.6439594	1	0.7161843	2	0.6562813	5	0.7175614	10	0.799361
n-Propylbenzene	0.2	1.183298	0.5	0.9812651	1	1.381171	2	1.276658	5	1.379995	10	1.338556
Styrene	0.2	0.6521399	0.5	0.5150155	1	0.6960894	2	0.6308898	5	0.6937257	10	0.6884949
1,1,1,2-Tetrachloroethane	0.2	0.3331419	0.5	0.2867475	1	0.2835395	2	0.2627108	5	0.2824991	10	0.2712675
1,1,2,2-Tetrachloroethane	0.2	0.244363	0.5	0.2321832	1	0.2566292	2	0.2202071	5	0.230942	10	0.2294603
Tetrachloroethylene	0.2	0.1993544	0.5	0.1385871	1	0.1844353	2	0.1610507	5	0.1646305	10	0.1571838
Tetrahydrofuran			0.5	2.501726E-02	1	0.0262326	2	2.252516E-02	5	1.297832E-02	10	1.928555E-02
Toluene	0.2	0.7463852	0.5	0.4943568	1	0.6070457	2	0.5404841	5	0.5311348	10	0.5263372
1,2,3-Trichlorobenzene	0.2	0.4165345	0.5	0.3396117	1	0.4059132	2	0.3638667	5	0.4009309	10	0.3995559
1,2,4-Trichlorobenzene	0.2	0.4293355	0.5	0.3932373	1	0.4243682	2	0.3697128	5	0.4184925	10	0.4185819
1,3,5-Trichlorobenzene	0.2	0.5168091	0.5	0.4162268	1	0.5242369	2	0.4537886	5	0.4783123	10	0.4780046
1,1,1-Trichloroethane	0.2	0.4637498	0.5	0.3427965	1	0.4823063	2	0.4376005	5	0.4461318	10	0.4263088
1,1,2-Trichloroethane	0.2	0.1014678	0.5	7.612282E-02	1	9.228959E-02	2	7.859406E-02	5	0.0863647	10	8.178215E-02
Trichloroethylene	0.2	0.1680187	0.5	0.1310808	1	0.15489	2	0.1520404	5	0.1551503	10	0.1453471
Trichlorofluoromethane (Freon 1	0.2	0.5088601	0.5	0.3406751	1	0.4621453	2	0.4008207	5	0.3925628	10	0.3774406
1,2,3-Trichloropropane			0.5	0.0975318	1	8.811069E-02	2	9.377991E-02	5	9.834116E-02	10	8.877385E-02
1,1,2-Trichloro-1,2,2-trifluoroeth	0.2	0.1784496	0.5	0.1685563	1	0.2020183	2	0.18711	5	0.1911667	10	0.1774881
1,2,4-Trimethylbenzene	0.2	0.9791511	0.5	0.7724897	1	1.068747	2	1.051682	5	1.152018	10	1.113354
1,3,5-Trimethylbenzene	0.2	0.9516898	0.5	0.799285	1	1.078896	2	1.096973	5	1.126098	10	1.10836
Vinyl Chloride	0.2	0.2192779	0.5	0.1398565	1	0.183998	2	0.1909768	5	0.2127265	10	0.2019328
m+p Xylene	0.4	1.007382	1	0.7391454	2	0.9833312	4	0.9814181	10	1.035816	20	0.9767294
o-Xylene	0.2	0.9265589	0.5	0.7635531	1	0.9771689	2	0.909052	5	0.9908632	10	0.9629411
1,2-Dichloroethane-d4	25	0.6927053	25	0.7327104	25	0.733659	25	0.7334257	25	0.7319404	25	0.7450933
Toluene-d8	25	1.158079	25	1.174367	25	1.171995	25	1.167546	25	1.18432	25	1.166584

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
4-Bromofluorobenzene	25	1.000719	25	0.9838997	25	1.00658	25	1.0033	25	1.018491	25	0.987217

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	4.474989E-02	500	4.823659E-02	800	4.329979E-02						
Acrylonitrile	20	7.307083E-02	50	7.811078E-02	80	7.318161E-02						
tert-Amyl Methyl Ether (TAME)	20	0.4127569	50	0.4581311	80	0.4449854						
Benzene	20	0.5969885	50	0.6534327	80	0.6327474						
Bromobenzene	20	0.4701567	50	0.531787	80	0.5125643						
Bromochloromethane	20	8.640383E-02	50	9.259275E-02	80	9.046188E-02						
Bromodichloromethane	20	0.2382409	50	0.2537357	80	0.2489983						
Bromoform	20	0.212393	50	0.2457642	80	0.2328475						
Bromomethane	20	0.1176879	50	0.1236221	80	0.1113937						
2-Butanone (MEK)	200	9.766726E-02	500	9.996987E-02	800	0.0922679						
tert-Butyl Alcohol (TBA)	200	2.324914E-02	500	2.578351E-02	800	0.0246878						
n-Butylbenzene	20	1.110905	50	1.259989	80	1.133093						
sec-Butylbenzene	20	0.2436617	50	0.28008	80	0.2655361						
tert-Butylbenzene	20	0.9372189	50	1.072056	80	0.997483						
tert-Butyl Ethyl Ether (TBEE)	20	0.6589356	50	0.7071715	80	0.6975286						
Carbon Disulfide	200	0.4611498	500	0.4383896								
Carbon Tetrachloride	20	0.4108917	50	0.4390138	80	0.4297891						
Chlorobenzene	20	0.6385628	50	0.7150327	80	0.7057061						
Chlorodibromomethane	20	0.1727372	50	0.1969546	80	0.1918978						
Chloroethane	20	8.879681E-02	50	0.1003386	80	9.855796E-02						
Chloroform	20	0.3909514	50	0.4197765	80	0.4072862						
Chloromethane	20	0.1991659	50	0.2086589	80	0.198417						
2-Chlorotoluene	20	0.8931555	50	1.016759	80	0.9761652						
4-Chlorotoluene	20	1.070641	50	1.225074	80	1.185609						
1,2-Dibromo-3-chloropropane (D	20	7.173655E-02	50	8.302006E-02	80	7.790233E-02						
1,2-Dibromoethane (EDB)	20	0.1159718	50	0.1347857	80	0.1293756						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Dibromomethane	20	8.123957E-02	50	8.987863E-02	80	0.0877531						
1,2-Dichlorobenzene	20	0.5476986	50	0.6109991	80	0.5744669						
1,3-Dichlorobenzene	20	0.5675606	50	0.6607093	80	0.6243711						
1,4-Dichlorobenzene	20	0.5963173	50	0.6645449	80	0.6156422						
trans-1,4-Dichloro-2-butene	20	0.1105424	50	0.1301395	80	0.1227839						
Dichlorodifluoromethane (Freon	20	0.2862841	50	0.2720351	80	0.2638027						
1,1-Dichloroethane	20	0.3718439	50	0.3883617	80	0.3833891						
1,2-Dichloroethane	20	0.2969681	50	0.309038	80	0.2888735						
1,1-Dichloroethylene	20	0.2969042	50	0.3011835	80	0.2933323						
cis-1,2-Dichloroethylene	20	0.3839292	50	0.4020883	80	0.3947293						
trans-1,2-Dichloroethylene	20	0.3315018	50	0.3502666	80	0.3438879						
1,2-Dichloropropane	20	0.1288274	50	0.1405633	80	0.1366511						
1,3-Dichloropropane	20	0.1876461	50	0.2051974	80	0.1959214						
2,2-Dichloropropane	20	0.3686443	50	0.3890332	80	0.3900574						
1,1-Dichloropropene	20	0.0855813	50	9.268986E-02	80	8.940437E-02						
cis-1,3-Dichloropropene	20	0.1914848	50	0.2194916	80	0.2143018						
trans-1,3-Dichloropropene	20	0.191055	50	0.2174379	80	0.208877						
Diethyl Ether	20	6.416662E-02	50	7.052043E-02	80	6.962315E-02						
Diisopropyl Ether (DIPE)	20	0.7051157	50	0.7029855	80	0.6780469						
1,4-Dioxane	200	1.198661E-03	500	1.352888E-03	800	1.242233E-03						
Ethylbenzene	20	1.191436	50	1.338833	80	1.30267						
Hexachlorobutadiene	20	0.3437371	50	0.4016936	80	0.3699177						
2-Hexanone (MBK)	200	0.1056881	500	0.1143061	800	0.1018317						
Isopropylbenzene (Cumene)	20	0.2533087	50	0.2959811	80	0.2757624						
p-Isopropyltoluene (p-Cymene)	20	1.133919	50	1.295073	80	1.234651						
Methyl tert-Butyl Ether (MTBE)	20	0.5314025	50	0.5592587	80	0.5468761						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Methylene Chloride	20	0.3445811	50	0.3200886	80	0.3081713						
4-Methyl-2-pentanone (MIBK)	200	0.1426035	500	0.1537573	800	0.1312531						
Naphthalene	20	0.8678096	50	1.016794	80	0.9766574						
n-Propylbenzene	20	1.359765	50	1.569121	80	1.53298						
Styrene	20	0.6902031	50	0.7927201	80	0.7643177						
1,1,1,2-Tetrachloroethane	20	0.2826155	50	0.3175931	80	0.3088857						
1,1,2,2-Tetrachloroethane	20	0.2362942	50	0.2762958	80	0.2623574						
Tetrachloroethylene	20	0.1584276	50	0.1729302	80	0.1741225						
Tetrahydrofuran	20	1.503028E-02	50	2.080207E-02	80	1.879013E-02						
Toluene	20	0.5322806	50	0.567244	80	0.5497801						
1,2,3-Trichlorobenzene	20	0.399815	50	0.4877949	80	0.4328633						
1,2,4-Trichlorobenzene	20	0.4335179	50	0.4898791	80	0.4823744						
1,3,5-Trichlorobenzene	20	0.4919088	50	0.5784955	80	0.5379317						
1,1,1-Trichloroethane	20	0.4250566	50	0.4590373	80	0.4459053						
1,1,2-Trichloroethane	20	0.0794324	50	9.231231E-02	80	8.812954E-02						
Trichloroethylene	20	0.1531314	50	0.1639139	80	0.1600108						
Trichlorofluoromethane (Freon 1	20	0.3661021	50	0.3819936	80	0.3649515						
1,2,3-Trichloropropane	20	9.222606E-02	50	0.1065566	80	9.686489E-02						
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.1795259	50	0.181904	80	0.180179						
1,2,4-Trimethylbenzene	20	1.144783	50	1.281934	80	1.210351						
1,3,5-Trimethylbenzene	20	1.117933	50	1.318317	80	1.257313						
Vinyl Chloride	20	0.1916307	50	0.2046292	80	0.2054						
m+p Xylene	40	0.9792846	100	1.103245	160	1.058049						
o-Xylene	20	0.9995182	50	1.121789	80	1.102157						
1,2-Dichloroethane-d4	25	0.7326197	25	0.7201205	25	0.7014071						
Toluene-d8	25	1.165198	25	1.180468	25	1.169462						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
4-Bromofluorobenzene	25	0.9977945	25	1.016691	25	0.9982394						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200015	Instrument:	GCMSVOA4
		Calibration Date:	12/19/2011 1:10:48PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Acetone	4.945467E-02	12.5			15	
Acrylonitrile	7.636126E-02	8.2			15	
tert-Amyl Methyl Ether (TAME)	0.412367	7.1			15	
Benzene	0.6262204	6.3			15	
Bromobenzene	0.4789911	6.7			15	
Bromochloromethane	9.095186E-02	6.0			15	
Bromodichloromethane	0.2402738	4.0			15	
Bromoform	0.2080039	9.2			15	
Bromomethane	0.1195444	4.4			15	
2-Butanone (MEK)	9.765588E-02	5.0			15	
tert-Butyl Alcohol (TBA)	2.493345E-02	6.1			15	
n-Butylbenzene	1.048145	12.9			15	
sec-Butylbenzene	0.2394575	10.9			15	
tert-Butylbenzene	0.881225	14.3			15	
tert-Butyl Ethyl Ether (TBEE)	0.6615894	4.1			15	
Carbon Disulfide	0.4482548	7.2			15	
Carbon Tetrachloride	0.41381	10.7			15	
Chlorobenzene	0.6803749	7.7			15	
Chlorodibromomethane	0.1788214	7.8			15	
Chloroethane	0.1019772	7.4			15	
Chloroform	0.4133539	9.1			15	
Chloromethane	0.2102202	7.7			15	
2-Chlorotoluene	0.89902	10.8			15	
4-Chlorotoluene	1.07432	9.6			15	
1,2-Dibromo-3-chloropropane (DBCP)	7.458566E-02	9.0			15	
1,2-Dibromoethane (EDB)	0.1206012	6.4			15	
Dibromomethane	8.410858E-02	6.6			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200015	Instrument:	GCMSVOA4
		Calibration Date:	12/19/2011 1:10:48PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2-Dichlorobenzene	0.5498972	7.9			15	
1,3-Dichlorobenzene	0.5927496	7.4			15	
1,4-Dichlorobenzene	0.6434966	10.0			15	
trans-1,4-Dichloro-2-butene	0.1131766	10.0			15	
Dichlorodifluoromethane (Freon 12)	0.3156581	14.8			15	
1,1-Dichloroethane	0.3744799	7.7			15	
1,2-Dichloroethane	0.30598	6.9			15	
1,1-Dichloroethylene	0.3071649	6.8			15	
cis-1,2-Dichloroethylene	0.3922364	6.9			15	
trans-1,2-Dichloroethylene	0.3316804	6.6			15	
1,2-Dichloropropane	0.1303431	6.6			15	
1,3-Dichloropropane	0.1871463	8.3			15	
2,2-Dichloropropane	0.3758858	4.9			15	
1,1-Dichloropropene	9.014687E-02	12.7			15	
cis-1,3-Dichloropropene	0.1919906	8.6			15	
trans-1,3-Dichloropropene	0.1890555	7.9			15	
Diethyl Ether	7.047356E-02	7.0			15	
Diisopropyl Ether (DIPE)	0.6940967	7.4			15	
1,4-Dioxane	1.268949E-03	4.4	0.9968571		0.995	
Ethylbenzene	1.182428	10.2			15	
Hexachlorobutadiene	0.3632662	7.1			15	
2-Hexanone (MBK)	0.102928	5.1			15	
Isopropylbenzene (Cumene)	0.2483135	11.5			15	
p-Isopropyltoluene (p-Cymene)	1.158014	7.6			15	
Methyl tert-Butyl Ether (MTBE)	0.5249381	4.1			15	
Methylene Chloride	1.313689	128.7	0.9998137		0.995	
4-Methyl-2-pentanone (MIBK)	0.1398402	6.4			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200015	Instrument:	GCMSVOA4
		Calibration Date:	12/19/2011 1:10:48PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Naphthalene	0.7794813	18.7	0.9984009		0.995	
n-Propylbenzene	1.333645	13.3			15	
Styrene	0.6803996	11.7			15	
1,1,1,2-Tetrachloroethane	0.2921112	7.8			15	
1,1,2,2-Tetrachloroethane	0.2431925	7.5			15	
Tetrachloroethylene	0.167858	10.4			15	
Tetrahydrofuran	2.008267E-02	22.8	0.9931428		0.995	*
Toluene	0.5661165	13.1			15	
1,2,3-Trichlorobenzene	0.4052096	10.3			15	
1,2,4-Trichlorobenzene	0.4288333	8.9			15	
1,3,5-Trichlorobenzene	0.4973016	9.7			15	
1,1,1-Trichloroethane	0.4365437	9.1			15	
1,1,2-Trichloroethane	8.627726E-02	9.5			15	
Trichloroethylene	0.1537315	7.0			15	
Trichlorofluoromethane (Freon 11)	0.3995058	13.3			15	
1,2,3-Trichloropropane	9.527312E-02	6.3			15	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.1829331	5.2			15	
1,2,4-Trimethylbenzene	1.086057	13.6			15	
1,3,5-Trimethylbenzene	1.094985	13.9			15	
Vinyl Chloride	0.194492	12.0			15	
m+p Xylene	0.9849334	10.3			15	
o-Xylene	0.9726224	10.9			15	
1,2-Dichloroethane-d4	0.7248535	2.4			15	
Toluene-d8	1.170891	0.7			15	
4-Bromofluorobenzene	1.001437	1.2			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001789	Instrument:	GCMSVOA4
Calibration:	1200015		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1202139	0.2ppb 8260 Calibration Standard	S001789-CAL1	VD353003.D	12/19/11 05:50
1202140	0.5ppb 8260 Calibration Standard	S001789-CAL2	VD353004.D	12/19/11 06:15
1202141	1ppb 8260 Calibration Standard	S001789-CAL3	VD353005.D	12/19/11 06:41
1202142	2ppb 8260 Calibration Standard	S001789-CAL4	VD353006.D	12/19/11 07:06
1202143	5ppb 8260 Calibration Standard	S001789-CAL5	VD353007.D	12/19/11 07:32
1202144	10ppb 8260 Calibration Standard	S001789-CAL6	VD353008.D	12/19/11 07:57
1202145	20ppb 8260 Calibration Standard	S001789-CAL7	VD353009.D	12/19/11 08:23
1202146	50ppb 8260 Calibration Standard	S001789-CAL8	VD353010.D	12/19/11 08:48
1202147	80ppb 8260 Calibration Standard	S001789-CAL9	VD353011.D	12/19/11 09:14

Method Path : Y:\1\METHODS\
Method File : V01219S11.M
Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
Last Update : Fri Jan 28 15:07:12 2011
Response Via : Initial Calibration

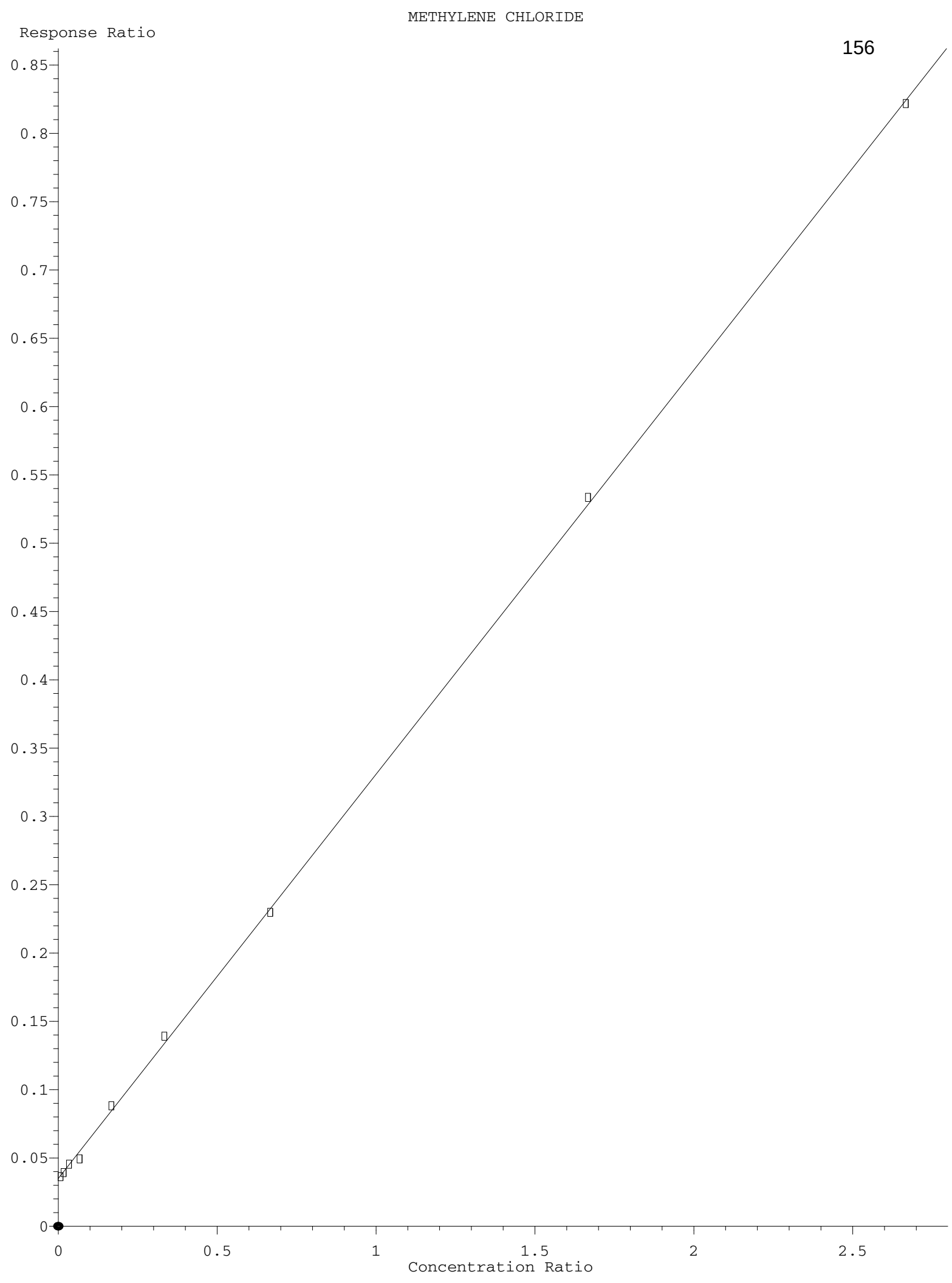
Calibration Files
1 =VD353003.D 2 =VD353004.D 3 =VD353005.D 4 =VD353007.D 5 =VD353008.D 6 =VD353
8 =VD353011.D 9 =VD353006.D

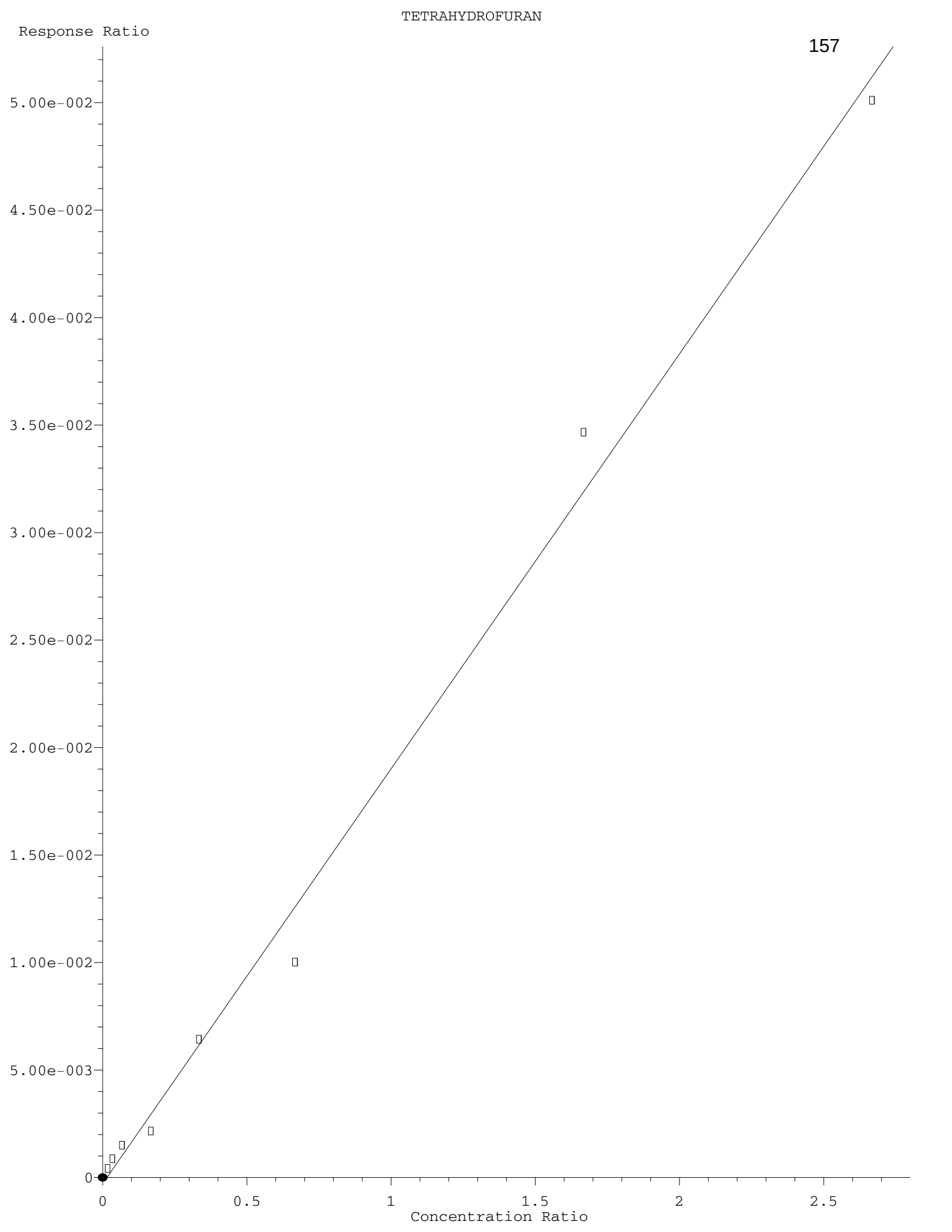
		Compound	1	2	3	4	5	6	7	8	9	Avg	%
1)		PENTAFLUOROBENZENE...	----------ISTD----------										
2)	S	1,2-DICHLOROET...	0.693	0.733	0.734	0.732	0.745	0.733	0.720	0.701	0.733	0.725	2.36
3)		DICHLORODIFLUO...	0.422	0.318	0.330	0.318	0.328	0.286	0.272	0.264	0.302	0.316	14.76
4)	P	CHLOROMETHANE		0.193	0.244	0.214	0.205	0.199	0.209	0.198	0.219	0.210	7.68
5)	C	VINYL CHLORIDE	0.219	0.140	0.184	0.213	0.202	0.192	0.205	0.205	0.191	0.194	11.98#
6)		BROMOMETHANE				0.121	0.124	0.118	0.124	0.111		0.120	4.40
7)		CHLOROETHANE	0.114	0.106	0.112	0.101	0.099	0.089	0.100	0.099	0.099	0.102	7.41
8)		TRICHLOROFLUOR...	0.509	0.341	0.462	0.393	0.377	0.366	0.382	0.365	0.401	0.400	13.27
9)		DI ETHYL ETHER		0.081	0.073	0.071	0.067	0.064	0.071	0.070	0.068	0.070	7.02
10)		ACETONE				0.053	0.047	0.045	0.048	0.043	0.060	0.049#	12.54
11)	C	1,1-DICHLOROET...	0.341	0.276	0.337	0.315	0.306	0.297	0.301	0.293	0.298	0.307	6.77#
12)		1,1,2-TRICL-1,...	0.178	0.169	0.202	0.191	0.177	0.180	0.182	0.180	0.187	0.183	5.21
13)		T-BUTYL ALCOHOL				0.025	0.024	0.023	0.026	0.025	0.027	0.025#	6.08
14)		ACRYLONITRILE			0.090	0.072	0.073	0.073	0.078	0.073	0.076	0.076	8.23
15)		METHYL ACETATE		0.852	0.799	0.714	0.689	0.681	0.688	0.651	0.705	0.722	9.39
16)		METHYLENE CHLO...	5.447	2.357	1.361	0.529	0.417	0.345	0.320	0.308	0.739	1.314	1.000LR
17)		CARBON DISULFIDE	0.468	0.377	0.478	0.470	0.454	0.461	0.438		0.441	0.448	7.16
18)		METHYL TERT-BU...	0.499	0.521	0.526	0.519	0.532	0.531	0.559	0.547	0.489	0.525	4.14
19)		TRANS 1,2-DICH...	0.327	0.279	0.348	0.344	0.339	0.332	0.350	0.344	0.322	0.332	6.62
20)	P	1,1-DICHLOROET...	0.411	0.314	0.406	0.372	0.358	0.372	0.388	0.383	0.367	0.374	7.67
21)		DI ISOPROPYL E...	0.762	0.573	0.713	0.702	0.720	0.705	0.703	0.678	0.691	0.694	7.36
22)		2-BUTANONE	0.107	0.097	0.103	0.097	0.095	0.098	0.100	0.092	0.091	0.098	5.03
23)		T-BUTYL ETHYL ...	0.644	0.652	0.659	0.658	0.661	0.659	0.707	0.698	0.616	0.662	4.08
24)		CIS-1,2-DICHLO...	0.436	0.342	0.421	0.380	0.397	0.384	0.402	0.395	0.374	0.392	6.93
25)		2,2-DICHLOROPR...	0.408	0.348	0.385	0.363	0.369	0.369	0.389	0.390	0.362	0.376	4.87
26)		BROMOCHLOROMET...	0.102	0.095	0.094	0.089	0.083	0.086	0.093	0.090	0.088	0.091	6.00
27)		TETRAHYDROFURAN		0.025	0.026	0.013	0.019	0.015	0.021	0.019	0.023	0.020#	0.993LR
28)	C	CHLOROFORM	0.503	0.374	0.426	0.418	0.388	0.391	0.420	0.407	0.394	0.413	9.11#
29)		1,1,1-TRICHLOR...	0.464	0.343	0.482	0.446	0.426	0.425	0.459	0.446	0.438	0.437	9.07
30)		CYCLOHEXANE	4.143	1.800	1.146	0.538	0.443	0.405	0.407	0.381	0.766	1.115	0.999LR
31)		CARBON TETRACH...		0.336	0.477	0.433	0.419	0.411	0.439	0.430	0.365	0.414	10.66
32)		1,1-DICHLOROPR...	0.118	0.084	0.092	0.090	0.080	0.086	0.093	0.089	0.079	0.090	12.67
33)		BENZENE	0.653	0.547	0.684	0.622	0.608	0.597	0.653	0.633	0.638	0.626	6.30
34)		T-AMYLMETHYL E...	0.419	0.374	0.408	0.408	0.420	0.413	0.458	0.445	0.367	0.412	7.11
35)		1,4-DIFLUOROBENZEN...	----------ISTD----------										
36)	S	TOLUENE SS	1.158	1.174	1.172	1.184	1.167	1.165	1.180	1.169	1.168	1.171	0.68
37)		1,2-DICHLOROET...	0.353	0.290	0.325	0.305	0.288	0.297	0.309	0.289	0.298	0.306	6.93
38)		TRICHLOROETHENE	0.168	0.131	0.155	0.155	0.145	0.153	0.164	0.160	0.152	0.154	7.04
39)		METHYL CYCLOHE...	0.294	0.168	0.226	0.216	0.216	0.227	0.244	0.243	0.213	0.227	14.68
40)	C	1,2-DICHLOROPR...	0.140	0.123	0.133	0.132	0.124	0.129	0.141	0.137	0.115	0.130	6.60#
41)		DIBROMOMETHANE	0.073	0.083	0.091	0.085	0.079	0.081	0.090	0.088	0.087	0.084	6.64
42)		1,4-DIOXANE				0.001	0.001	0.001	0.001	0.001	0.001	0.001#	4.38
43)		BROMODICHLOROM...	0.239	0.225	0.253	0.235	0.238	0.238	0.254	0.249	0.232	0.240	4.05
44)		MIBK	0.140	0.124	0.144	0.146	0.143	0.143	0.154	0.131	0.134	0.140	6.38
45)		CIS-1,3-DICHLO...	0.198	0.170	0.188	0.188	0.184	0.191	0.219	0.214	0.175	0.192	8.58
46)	C	TOLUENE	0.746	0.494	0.607	0.531	0.526	0.532	0.567	0.550	0.540	0.566	13.13#
47)		TRANS-1,3,-DIC...	0.188	0.180	0.181	0.185	0.180	0.191	0.217	0.209	0.171	0.189	7.90
48)		1,1,2-TRICHLOR...	0.101	0.076	0.092	0.086	0.082	0.079	0.092	0.088	0.079	0.086	9.49
49)		2-HEXANONE	0.102	0.096	0.105	0.101	0.102	0.106	0.114	0.102	0.098	0.103	5.09
50)		TETRACHLOROETHENE	0.199	0.139	0.184	0.165	0.157	0.158	0.173	0.174	0.161	0.168	10.42
51)		1,3-DICHLOROPR...	0.209	0.161	0.194	0.181	0.177	0.188	0.205	0.196	0.174	0.187	8.34
52)		DIBROMOCHLOROM...	0.190	0.153	0.187	0.178	0.169	0.173	0.197	0.192	0.171	0.179	7.81
53)		1,2-DIBROMOETHANE	0.114	0.116	0.127	0.118	0.116	0.116	0.135	0.129	0.114	0.121	6.38

54)		CHLOROBENZENE-D5 ...	----------ISTD----------										
55)	S	4-BROMOFLUOROB...	1.001	0.984	1.007	1.018	0.987	0.998	1.017	0.998	1.003	1.001	1.16
56)	T	CHLOROBENZENE	0.763	0.606	0.722	0.701	0.625	0.639	0.715	0.706	0.647	0.680	7.74
57)		1,1,1,2-TETRAC...	0.333	0.287	0.284	0.282	0.271	0.283	0.318	0.309	0.263	0.292	7.84
58)	C	ETHYLBENZENE	1.253	0.921	1.174	1.142	1.131	1.191	1.339	1.303	1.188	1.182	10.21#
59)		M/P-XYLENES	1.007	0.739	0.983	1.036	0.977	0.979	1.103	1.058	0.981	0.985	10.34
60)		0-XYLENE	0.927	0.764	0.977	0.991	0.963	1.000	1.122	1.102	0.909	0.973	10.91
61)		STYRENE	0.652	0.515	0.696	0.694	0.688	0.690	0.793	0.764	0.631	0.680	11.72
62)	P	BROMOFORM	0.202	0.195	0.197	0.199	0.202	0.212	0.246	0.233	0.188	0.208	9.24
63)		ISOPROPYLBENZENE	0.235	0.192	0.245	0.251	0.247	0.253	0.296	0.276	0.239	0.248	11.47
64)	P	1,1,2,2-TETRAC...	0.244	0.232	0.257	0.231	0.229	0.236	0.276	0.262	0.220	0.243	7.53
65)		1,4-DICHLORO-2...	0.096	0.121	0.122	0.107	0.102	0.111	0.130	0.123	0.107	0.113	9.98
66)		BROMOBENZENE	0.483	0.428	0.493	0.484	0.459	0.470	0.532	0.513	0.449	0.479	6.66
67)		1,2,3-TRICHLOR...		0.098	0.088	0.098	0.089	0.092	0.107	0.097	0.094	0.095	6.27
68)		N-PROPYLBENZENE	1.183	0.981	1.381	1.380	1.339	1.360	1.569	1.533	1.277	1.334	13.26
69)		2-CHLOROT0LUENE	0.967	0.678	0.915	0.856	0.883	0.893	1.017	0.976	0.905	0.899	10.81
70)		1,3,5-TRIMETHY...	0.952	0.799	1.079	1.126	1.108	1.118	1.318	1.257	1.097	1.095	13.93
71)		4-CHLOROTOLUENE	1.011	0.871	1.074	1.134	1.032	1.071	1.225	1.186	1.065	1.074	9.64
72)		1,4-DICHLOROBENZEN...	----------ISTD----------										
73)		TERT-BUTYLBENZENE	0.826	0.636	0.833	0.913	0.915	0.937	1.072	0.997	0.801	0.881	14.30
74)		1,2,4-TRIMETHY...	0.979	0.772	1.069	1.152	1.113	1.145	1.282	1.210	1.052	1.086	13.56
75)		SEC-BUTYLBENZENE	0.236	0.195	0.241	0.240	0.245	0.244	0.280	0.266	0.207	0.239	10.86
76)		1,3-DICHLOROBE...	0.623	0.517	0.608	0.611	0.567	0.568	0.661	0.624	0.557	0.593	7.40
77)		P-ISOPROPYLTOL...	1.158	0.987	1.172	1.211	1.132	1.134	1.295	1.235	1.098	1.158	7.59
78)		1,4-DICHLOROBE...	0.800	0.608	0.663	0.641	0.600	0.596	0.665	0.616	0.601	0.643	10.02
79)		N-BUTYLBENZENE	1.041	0.756	1.035	1.056	1.065	1.111	1.260	1.133	0.977	1.048	12.94
80)		1,2-DICHLOROBE...	0.587	0.462	0.571	0.546	0.521	0.548	0.611	0.574	0.528	0.550	7.92
81)		1,2-DIBROMO-3-...			0.083	0.067	0.067	0.072	0.083	0.078	0.073	0.075	9.02
82)		1,3,5-TRICHLOR...	0.517	0.416	0.524	0.478	0.478	0.492	0.578	0.538	0.454	0.497	9.69
83)		1,2,4-TRICHLOR...	0.429	0.393	0.424	0.418	0.419	0.434	0.490	0.482	0.370	0.429	8.88
84)		HEXACHLOROBUTA...	0.375	0.332	0.402	0.358	0.339	0.344	0.402	0.370	0.348	0.363	7.14
85)		NAPHTHALENE	0.621	0.644	0.716	0.718	0.799	0.868	1.017	0.977	0.656	0.779	0.998LR
86)		1,2,3-TRICHLOR...	0.417	0.340	0.406	0.401	0.400	0.400	0.488	0.433	0.364	0.405	10.25

(#) = Out of Range

V01219S11.M Thu Feb 16 14:13:07 2012


METHYLENE CHLORIDE
Response Ratio
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
Concentration Ratio


TETRAHYDROFURAN
Response Ratio
157
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4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
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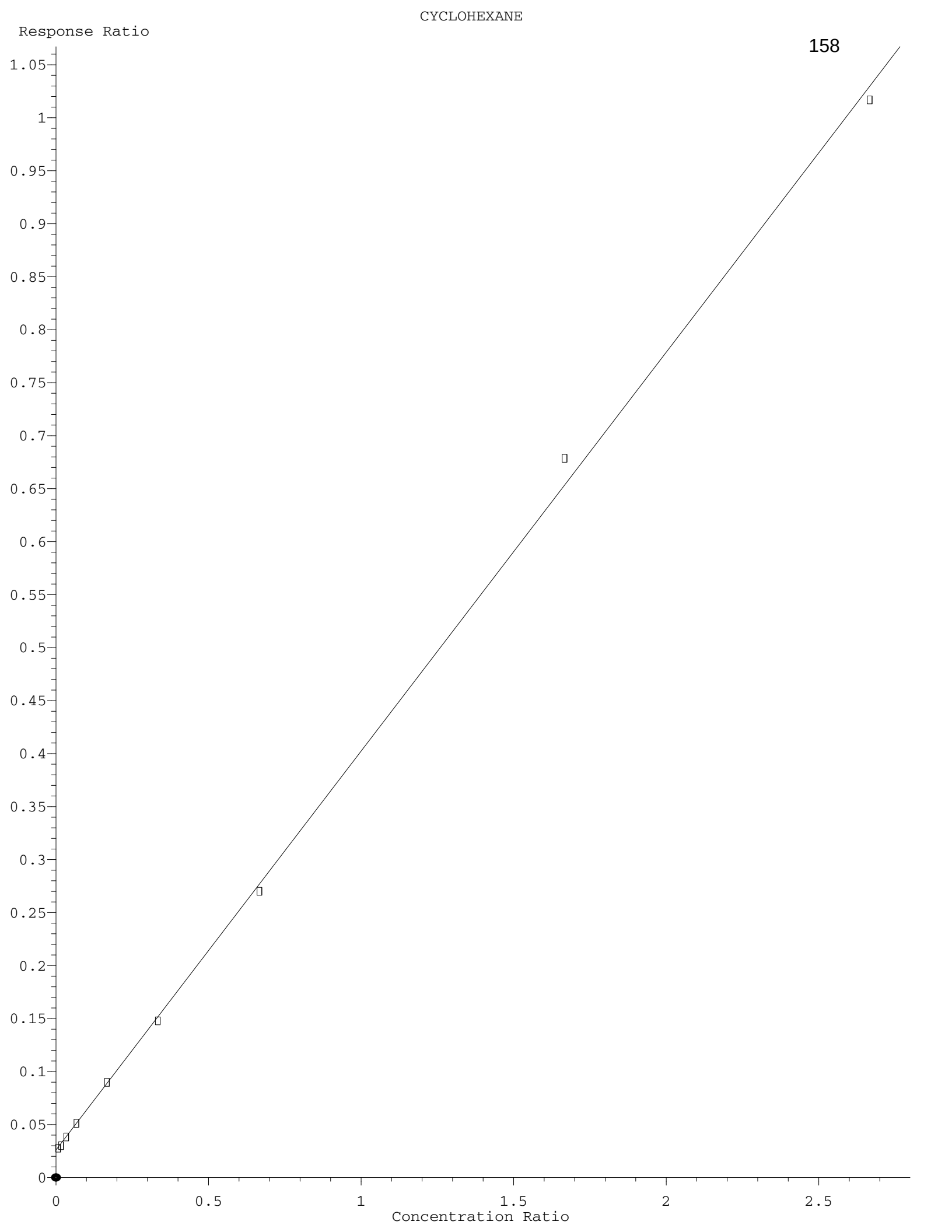
1.00e-002
5.00e-003
0
0
0.5
1
1.5
2
2.5
Concentration Ratio


CYCLOHEXANE
Response Ratio
158
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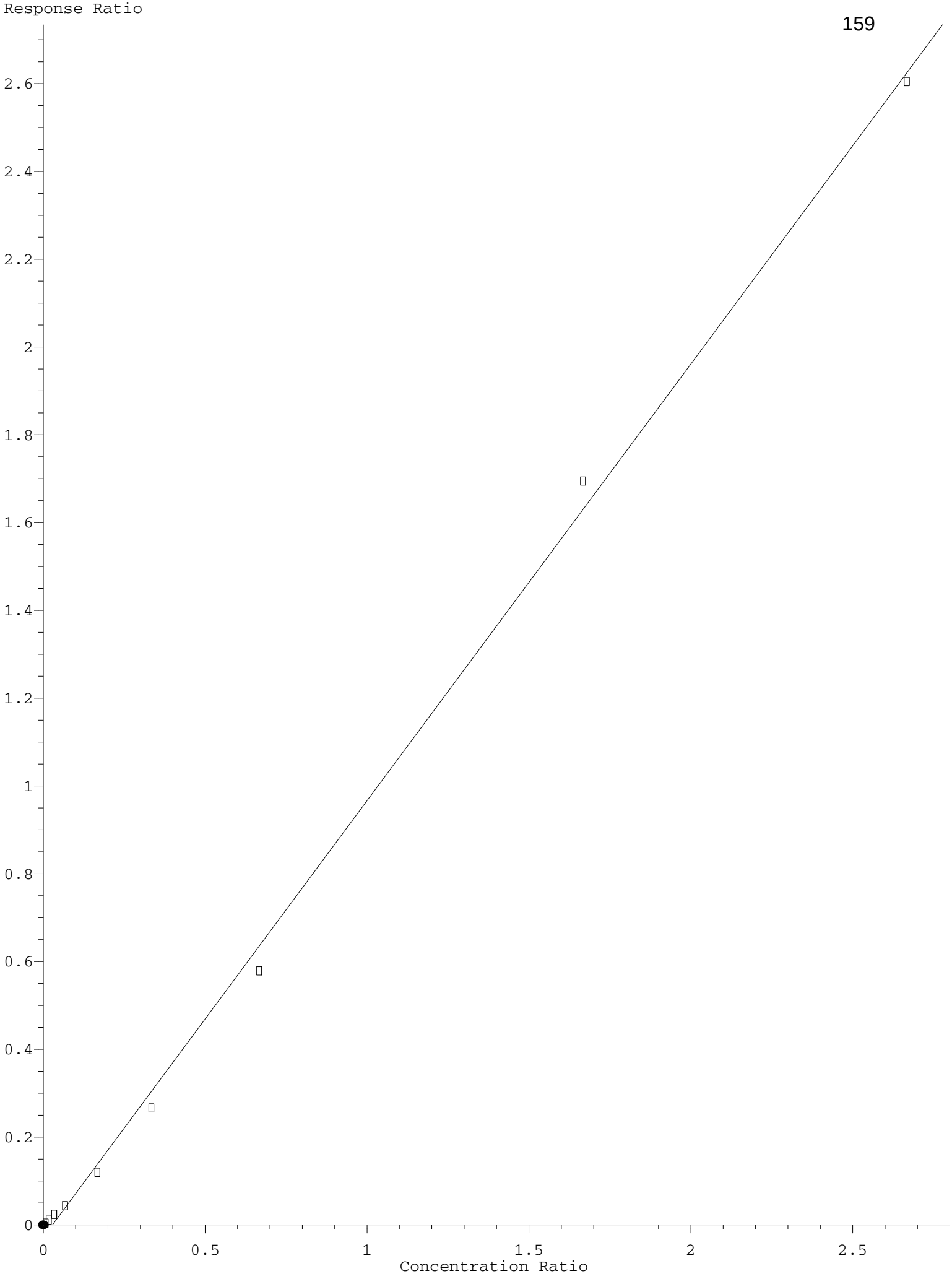
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
Concentration Ratio

NAPHTHALENE

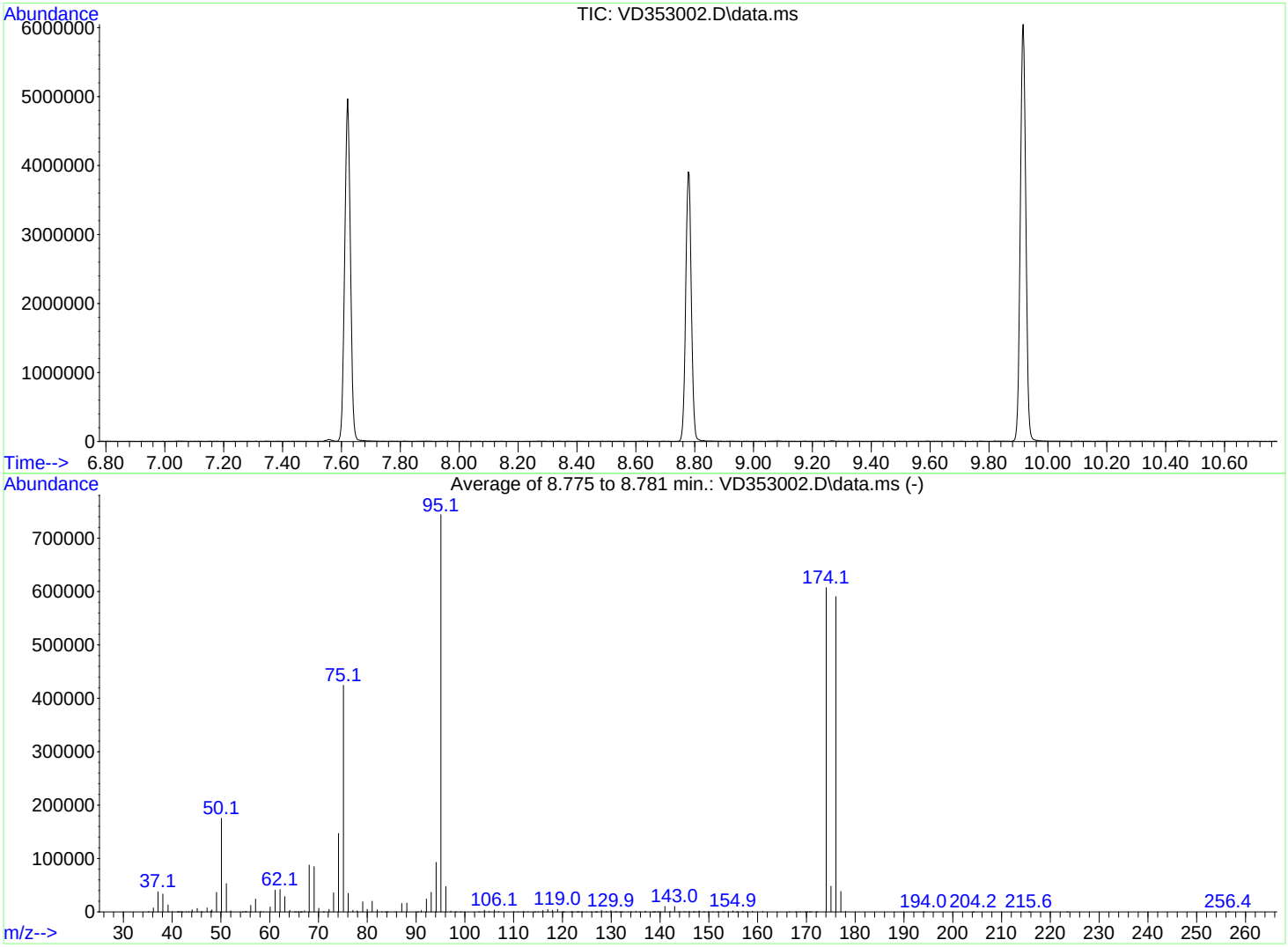


Data Path : Y:\1\DATA\121911\
Data File : VD353002.D
Acq On : 19 Dec 2011 5:24 am
Operator : MFF
Sample : BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

160

Integration File: 8260B.P

Method : Y:\1\METHODS\V0913S11.M
Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
Last Update : Fri Jan 28 15:07:12 2011



Spectrum Information: Average of 8.775 to 8.781 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.6	175488	PASS
75	95	30	60	57.0	424384	PASS
95	95	100	100	100.0	744043	PASS
96	95	5	9	6.4	47499	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.7	607531	PASS
175	174	5	9	7.9	47981	PASS
176	174	95	101	97.2	590613	PASS
177	176	5	9	6.5	38264	PASS

Average of 8.775 to 8.781 min.: VD353002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.10	81	43.40	311	52.00	2071	63.10	28789
36.15	7345	44.10	3852	54.40	127	64.10	2971
37.10	37712	45.15	6711	55.00	983	65.05	259
38.10	33392	46.00	461	55.20	1082	65.30	115
39.15	13200	46.20	277	56.10	12318	65.80	52
40.05	459	47.15	7310	57.10	24075	66.30	63
41.10	57	47.90	1660	58.15	1191	66.50	135
41.30	80	48.15	3949	58.70	187	67.15	2180
41.70	109	49.10	36632	60.10	9205	68.10	87917
42.00	74	50.10	175488	61.10	40813	69.10	84917
42.95	453	51.10	52987	62.10	41989	70.05	6922

Average of 8.775 to 8.781 min.: VD353002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
71.00	59	82.05	3603	93.10	36773	106.05	3334
72.15	4738	83.00	615	94.10	92851	106.90	905
73.10	35917	83.70	74	95.10	744043	110.05	811
74.10	146837	84.10	151	96.10	47499	110.95	494
75.10	424384	85.75	378	97.10	1725	111.90	53
76.10	34787	86.00	272	98.10	58	112.15	271
77.05	2799	87.05	15903	99.10	58	112.95	771
77.95	2098	88.10	16745	102.85	365	114.30	66
79.05	19131	90.30	79	103.05	229	115.00	802
80.00	5114	91.05	2580	104.00	3170	116.00	2715
81.00	20181	92.10	24272	104.95	1095	117.00	4841

Average of 8.775 to 8.781 min.: VD353002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
117.95	3205	125.95	227	134.00	70	141.00	10273
119.00	4966	126.75	86	135.05	1271	142.05	1115
120.00	112	127.00	59	135.85	318	143.00	10358
120.20	97	128.00	2967	136.90	514	143.80	437
121.80	71	129.05	1434	137.05	1144	144.15	640
122.00	68	129.95	2749	138.50	92	144.95	967
123.00	134	130.85	860	138.80	66	145.30	182
123.30	149	131.10	542	139.00	183	145.90	734
123.90	95	131.75	115	139.50	90	146.10	203
124.05	183	132.20	63	139.90	237	146.80	127
124.95	227	133.50	255	140.10	235	147.00	238

Average of 8.775 to 8.781 min.: VD353002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
147.30	180	154.00	655	168.80	226	177.05	38264
147.90	520	154.95	2023	169.70	69	178.05	1058
148.05	1837	155.70	120	170.10	118	194.00	72
148.95	606	156.05	281	170.60	71	204.20	62
149.20	200	157.00	1482	170.90	197	215.60	88
149.95	946	157.70	77	171.10	343	223.40	68
150.80	184	158.95	1470	172.10	643	256.45	141
151.80	397	161.05	1100	172.30	485		
152.00	163	166.40	108	174.05	607531		
152.90	426	167.80	95	175.05	47981		
153.15	310	168.40	194	176.05	590613		

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353003.D
Acq On : 19 Dec 2011 5:50 am
Operator : MFF
Sample : 8260 STD 0.2PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 19 06:16:53 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1506308	30.00	UG/L	0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2010490	30.00	UG/L	0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1187782	30.00	UG/L	# 0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1195219	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	869523	34.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 136.08%#			
34) TOLUENE SS	6.224	98	1940255	26.85	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.40%			
52) 4-BROMOFLUOROBENZENE SS	8.781	95	990530	23.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.88%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.051	85	4240m	0.31	UG/L	
4) CHLOROMETHANE	1.154	50	3262	N.D.		
5) VINYL CHLORIDE	1.216	62	2202	N.D.		
6) BROMOMETHANE	1.394	94	6703m	1.20	UG/L	
7) CHLOROETHANE	1.455	64	1141	0.21	UG/L	63
8) TRICHLOROFLUOROMETHANE	1.609	101	5110	0.26	UG/L	84
9) DI ETHYL ETHER	1.801	74	1174m	0.28	UG/L	
10) ACETONE	1.980	43	10055	2.46	UG/L	87
11) 1,1-DICHLOROETHENE	1.941	61	3422	N.D.		
12) 1,1,2-TRICL-1,2,2-TRIF...	1.935	101	1792	N.D.		
13) T-BUTYL ALCOHOL	2.395	59	8961	4.67	UG/L #	60
14) ACRYLONITRILE	2.504	53	746	N.D.		
15) METHYLENE CHLORIDE	2.292	49	54700	0.60	UG/L	97
16) CARBON DISULFIDE	2.102	76	47039	1.87	UG/L	100
17) METHYL TERT-BUTYL ETHE...	2.521	73	5014	N.D.		
18) TRANS 1,2-DICHLOROETHENE	2.523	61	3282	N.D.		
19) 1,1-DICHLOROETHANE	2.914	63	4124	N.D.		
20) DI ISOPROPYL ETHER	2.992	45	7653	N.D.		
21) 2-BUTANONE	3.533	43	10703	1.32	UG/L	95
22) T-BUTYL ETHYL ETHER	3.382	59	6467	N.D.		
23) CIS-1,2-DICHLOROETHENE	3.511	61	4374	N.D.		
24) 2,2-DICHLOROPROPANE	3.516	77	4093m	0.20	UG/L	
25) BROMOCHLOROMETHANE	3.748	128	1020	N.D.		
26) TETRAHYDROFURAN	0.000		0	N.D.		
27) CHLOROFORM	3.834	83	5048m	0.21	UG/L	
28) 1,1,1-TRICHLOROETHANE	4.013	97	4657	N.D.		
29) CARBON TETRACHLORIDE	4.177	117	5694m	0.25	UG/L	
30) 1,1-DICHLOROPROPENE	4.174	77	1181m	0.21	UG/L	
31) BENZENE	4.381	78	6560	N.D.		
32) T-AMYLMETHYL ETHER	4.520	73	4208	N.D.		
35) 1,2-DICHLOROETHANE	4.406	62	4732	0.24	UG/L #	76
36) TRICHLOROETHENE	5.033	95	2252	N.D.		
37) 1,2-DICHLOROPROPANE	5.245	63	1881	N.D.		
38) DIBROMOMETHANE	5.357	93	982	N.D.		
39) 1,4-DIOXANE	0.000		0	N.D.		
40) BROMODICHLOROMETHANE	5.516	83	3198	N.D.		
41) MIBK	6.132	43	18795	1.33	UG/L	91
42) CIS-1,3-DICHLOROPROPENE	5.973	75	2648	N.D.		
43) TOLUENE	6.285	91	10004	N.D.		
44) TRANS-1,3,-DICHLOROPRO...	6.514	75	2518	N.D.		
45) 1,1,2-TRICHLOROETHANE	6.687	83	1360	N.D.		
46) 2-HEXANONE	6.957	43	13688	1.34	UG/L	97
47) TETRACHLOROETHENE	6.818	166	2672	N.D.		

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353003.D
Acq On : 19 Dec 2011 5:50 am
Operator : MFF
Sample : 8260 STD 0.2PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

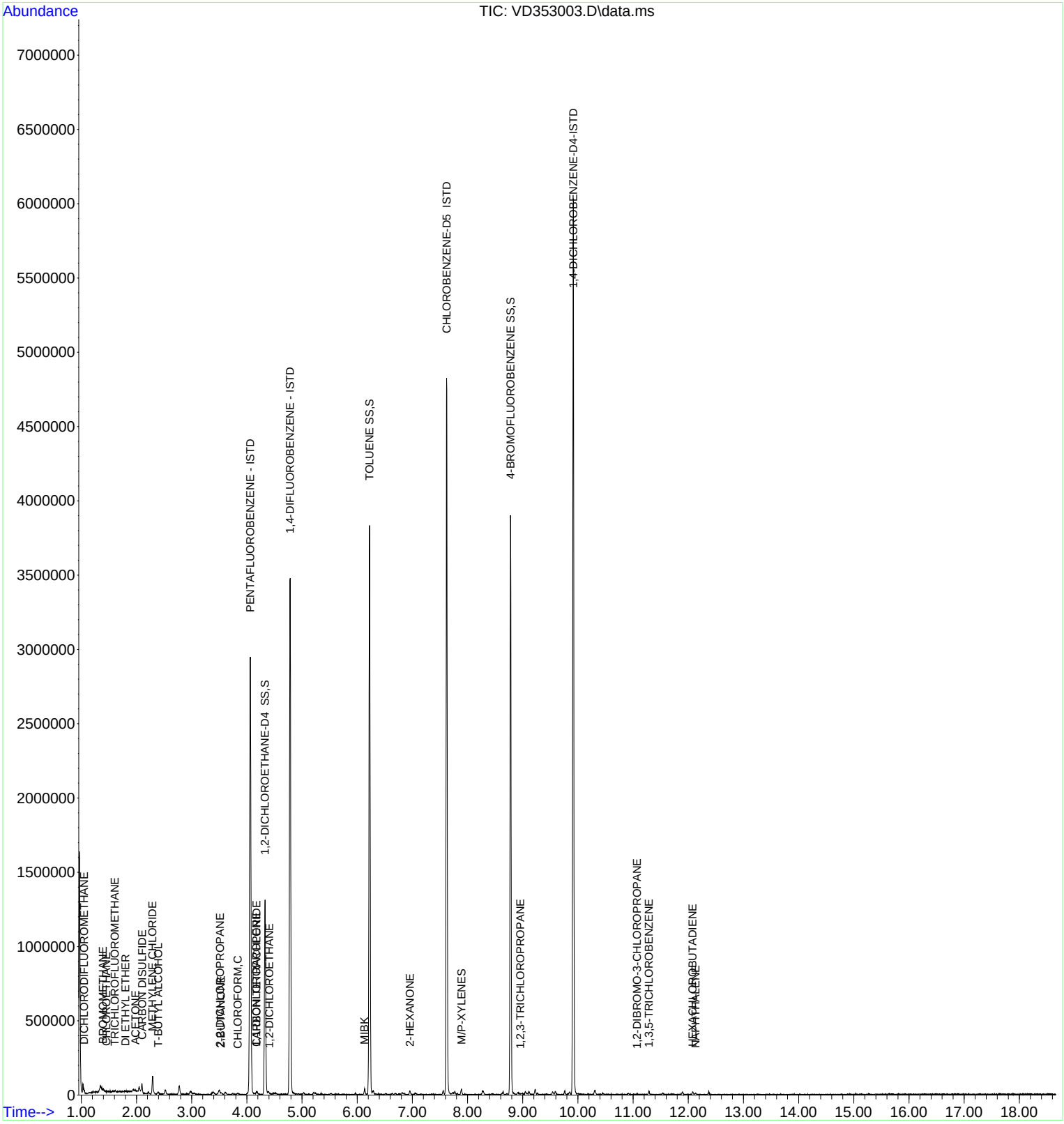
Quant Time: Dec 19 06:16:53 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	2801	N.D.	
49) DIBROMOCHLOROMETHANE	7.061	129	2551	N.D.	
50) 1,2-DIBROMOETHANE	7.161	107	1533	N.D.	
53) CHLOROBENZENE	7.646	112	6038	N.D.	
54) 1,1,1,2-TETRACHLOROETHANE	7.730	131	2638	N.D.	
55) ETHYLBENZENE	7.772	91	9920	N.D.	
56) M/P-XYLENES	7.892	91	15954	0.29 UG/L	85
57) 0-XYLENE	8.268	91	7337	N.D.	
58) STYRENE	8.285	104	5164	N.D.	
59) BROMOFORM	8.455	173	1599	N.D.	
60) ISOPROPYLBENZENE	8.642	120	1864	N.D.	
61) 1,1,2,2-TETRACHLOROETHANE	8.937	83	1935	N.D.	
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	760	N.D.	
63) BROMOBENZENE	8.915	77	3828	N.D.	
64) 1,2,3-TRICHLOROPROPANE	8.960	110	1171m	0.21 UG/L	
65) N-PROPYLBENZENE	9.043	91	9370	N.D.	
66) 2-CHLOROT0LUENE	9.119	91	7656	N.D.	
67) 1,3,5-TRIMETHYLBENZENE	9.233	105	7536	N.D.	
68) 4-CHLOROTOLUENE	9.225	91	8005	N.D.	
70) TERT-BUTYLBENZENE	9.542	119	6582	N.D.	
71) 1,2,4-TRIMETHYLBENZENE	9.590	105	7802	N.D.	
72) SEC-BUTYLBENZENE	9.763	134	1884	N.D.	
73) 1,3-DICHLOROBENZENE	9.852	146	4963	N.D.	
74) P-ISOPROPYLTOLUENE	9.913	119	9231	N.D.	
75) 1,4-DICHLOROBENZENE	9.938	146	6376	N.D.	
76) N-BUTYLBENZENE	10.309	91	8294	N.D.	
77) 1,2-DICHLOROBENZENE	10.301	146	4676	N.D.	
78) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	522m	0.22 UG/L	
79) 1,3,5-TRICHLOROBENZENE	11.288	180	4118	0.17 UG/L	98
80) 1,2,4-TRICHLOROBENZENE	11.899	180	3421	N.D.	
81) HEXACHLOROBUTADIENE	12.080	225	2987	0.27 UG/L #	43
82) NAPHTHALENE	12.133	128	4946	0.86 UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.376	180	3319	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353003.D
Acq On : 19 Dec 2011 5:50 am
Operator : MFF
Sample : 8260 STD 0.2PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 19 06:16:53 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353004.D
Acq On : 19 Dec 2011 6:15 am
Operator : MFF
Sample : 8260 STD 0.5PPB Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 19 06:41:33 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1498965	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2038285	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1210682	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1192715	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	915256	35.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 143.92%#				
34) TOLUENE SS	6.224	98	1994745	27.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.92%				
52) 4-BROMOFLUOROBENZENE SS	8.778	95	992658	23.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.28%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	7942m	0.59	UG/L		
4) CHLOROMETHANE	1.154	50	4814	0.27	UG/L		91
5) VINYL CHLORIDE	1.213	62	3494	0.29	UG/L		69
6) BROMOMETHANE	1.397	94	8892m	1.60	UG/L		
7) CHLOROETHANE	1.455	64	2653	0.50	UG/L		99
8) TRICHLOROFLUOROMETHANE	1.614	101	8511	0.44	UG/L		97
9) DI ETHYL ETHER	1.787	74	2022	0.49	UG/L		88
10) ACETONE	1.977	43	18558	4.56	UG/L		92
11) 1,1-DICHLOROETHENE	1.941	61	6893	0.39	UG/L		96
12) 1,1,2-TRICL-1,2,2-TRIF...	1.943	101	4211	0.45	UG/L		78
13) T-BUTYL ALCOHOL	2.390	59	13906	7.28	UG/L	#	75
14) ACRYLONITRILE	2.495	53	2804m	0.44	UG/L		
15) METHYLENE CHLORIDE	2.292	49	58877	0.77	UG/L		96
16) CARBON DISULFIDE	2.099	76	94088	3.77	UG/L		100
17) METHYL TERT-BUTYL ETHE...	2.523	73	13016	0.38	UG/L		96
18) TRANS 1,2-DICHLOROETHENE	2.518	61	6972m	0.34	UG/L		
19) 1,1-DICHLOROETHANE	2.911	63	7833	0.31	UG/L		78
20) DI ISOPROPYL ETHER	2.995	45	14311	0.24	UG/L		90
21) 2-BUTANONE	3.533	43	24147	2.99	UG/L		97
22) T-BUTYL ETHYL ETHER	3.374	59	16291m	0.35	UG/L		
23) CIS-1,2-DICHLOROETHENE	3.511	61	8540	0.33	UG/L		81
24) 2,2-DICHLOROPROPANE	3.513	77	8693m	0.43	UG/L		
25) BROMOCHLOROMETHANE	3.745	128	2367m	0.32	UG/L		
26) TETRAHYDROFURAN	3.806	72	625m	0.41	UG/L		
27) CHLOROFORM	3.842	83	9347	0.39	UG/L		95
28) 1,1,1-TRICHLOROETHANE	4.013	97	8564	0.36	UG/L		70
29) CARBON TETRACHLORIDE	4.183	117	8406	0.37	UG/L		45
30) 1,1-DICHLOROPROPENE	4.183	77	2101m	0.37	UG/L		
31) BENZENE	4.389	78	13671	0.27	UG/L		100
32) T-AMYLMETHYL ETHER	4.520	73	9336	0.31	UG/L		79
35) 1,2-DICHLOROETHANE	4.406	62	9860	0.49	UG/L	#	76
36) TRICHLOROETHENE	5.036	95	4453	0.35	UG/L		87
37) 1,2-DICHLOROPROPANE	5.248	63	4178	0.34	UG/L	#	89
38) DIBROMOMETHANE	5.359	93	2811	0.39	UG/L		90
39) 1,4-DIOXANE	0.000		0	N.D.			
40) BROMODICHLOROMETHANE	5.524	83	7654	0.47	UG/L		93
41) MIBK	6.135	43	41963	2.92	UG/L	#	88
42) CIS-1,3-DICHLOROPROPENE	5.967	75	5769	0.35	UG/L		96
43) TOLUENE	6.294	91	16794	0.33	UG/L		100
44) TRANS-1,3,-DICHLOROPRO...	6.514	75	6118	0.43	UG/L		62
45) 1,1,2-TRICHLOROETHANE	6.690	83	2586	0.32	UG/L		84
46) 2-HEXANONE	6.955	43	32702	3.16	UG/L		88
47) TETRACHLOROETHENE	6.818	166	4708m	0.33	UG/L		

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353004.D
Acq On : 19 Dec 2011 6:15 am
Operator : MFF
Sample : 8260 STD 0.5PPB Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

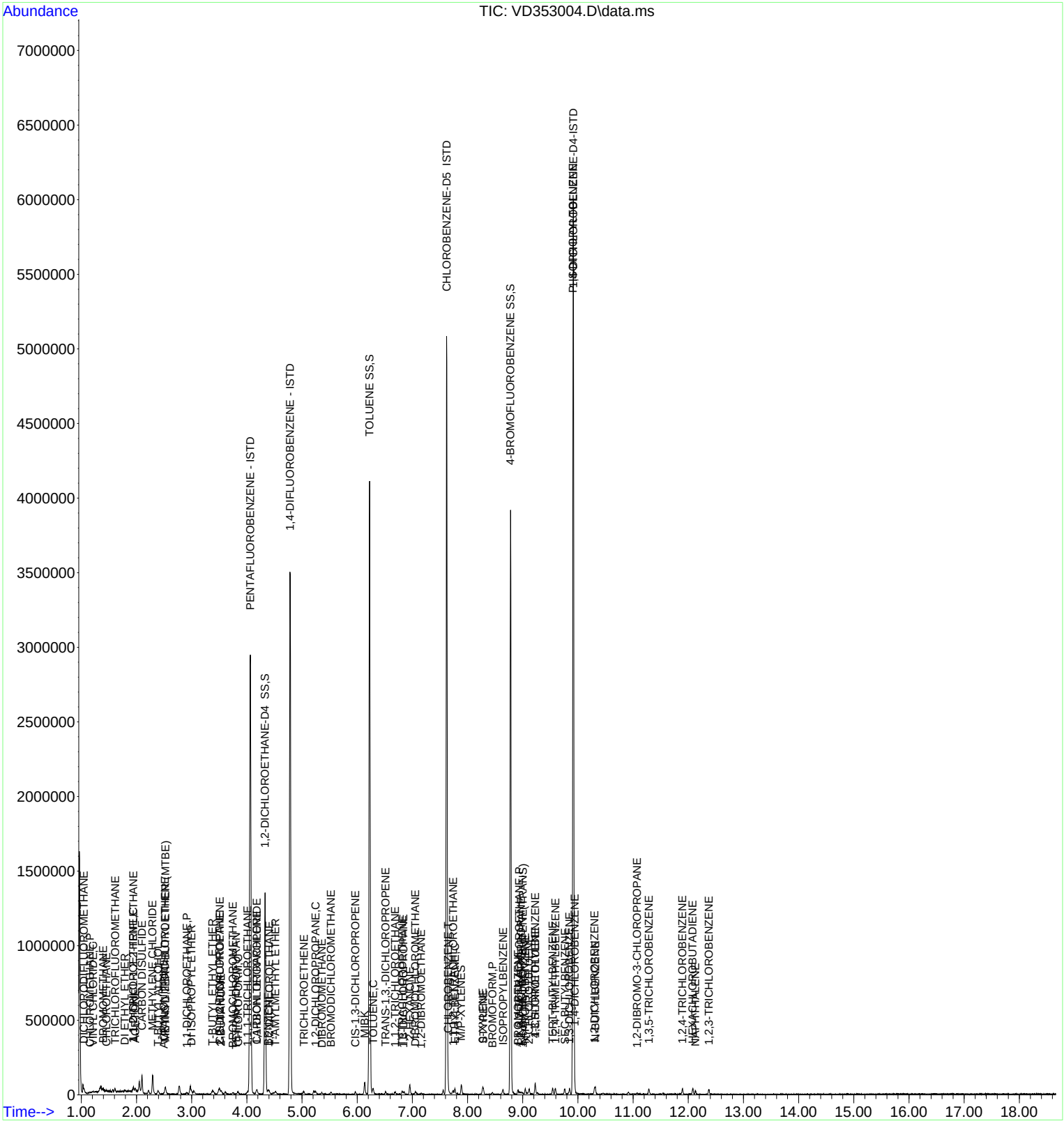
Quant Time: Dec 19 06:41:33 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,3-DICHLOROPROPANE	6.837	76	5464	0.34	UG/L		92
49) DIBROMOCHLOROMETHANE	7.055	129	5194	0.37	UG/L		98
50) 1,2-DIBROMOETHANE	7.158	107	3926	0.36	UG/L	#	99
53) CHLOROBENZENE	7.649	112	12224	0.27	UG/L	#	54
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	5786m	0.34	UG/L		
55) ETHYLBENZENE	7.772	91	18593	0.26	UG/L		86
56) M/P-XYLENES	7.883	91	29829	0.54	UG/L		84
57) 0-XYLENE	8.274	91	15407	0.27	UG/L		83
58) STYRENE	8.287	104	10392	0.23	UG/L		62
59) BROMOFORM	8.449	173	3927	0.41	UG/L	#	93
60) ISOPROPYLBENZENE	8.647	120	3875	0.22	UG/L		86
61) 1,1,2,2-TETRACHLOROETHANE	8.937	83	4685	0.30	UG/L	#	89
62) 1,4-DICHLORO-2-BUTENE(...	9.001	53	2443	0.36	UG/L	#	15
63) BROMOBENZENE	8.915	77	8637	0.33	UG/L		77
64) 1,2,3-TRICHLOROPROPANE	8.971	110	1968m	0.35	UG/L		
65) N-PROPYLBENZENE	9.046	91	19800	0.24	UG/L		94
66) 2-CHLOROT0LUENE	9.116	91	13685	0.27	UG/L		60
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	16128	0.24	UG/L		91
68) 4-CHLOROTOLUENE	9.227	91	17581	0.30	UG/L		81
70) TERT-BUTYLBENZENE	9.542	119	12647	0.27	UG/L		54
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	15356	0.28	UG/L		89
72) SEC-BUTYLBENZENE	9.765	134	3885	0.27	UG/L		91
73) 1,3-DICHLOROBENZENE	9.846	146	10280	0.31	UG/L		97
74) P-ISOPROPYLTOLUENE	9.910	119	19618	0.36	UG/L		75
75) 1,4-DICHLOROBENZENE	9.941	146	12093	0.36	UG/L	#	77
76) N-BUTYLBENZENE	10.318	91	15024	0.30	UG/L		91
77) 1,2-DICHLOROBENZENE	10.301	146	9185	0.30	UG/L		72
78) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	2078	0.87	UG/L		19
79) 1,3,5-TRICHLOROBENZENE	11.285	180	8274	0.35	UG/L		97
80) 1,2,4-TRICHLOROBENZENE	11.893	180	7817	0.37	UG/L		91
81) HEXACHLOROBUTADIENE	12.080	225	6595	0.59	UG/L	#	43
82) NAPHTHALENE	12.130	128	12801	0.99	UG/L		100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	6751	0.35	UG/L		88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353004.D
Acq On : 19 Dec 2011 6:15 am
Operator : MFF
Sample : 8260 STD 0.5PPB Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 19 06:41:33 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353005.D
Acq On : 19 Dec 2011 6:41 am
Operator : MFF
Sample : 8260 STD 1.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 19 07:10:16 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1541593	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2085609	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1207345	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1220803	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	942503	36.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 144.12%#				
34) TOLUENE SS	6.224	98	2036936	27.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.68%				
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1012741	23.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.44%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	16965	1.22	UG/L		83
4) CHLOROMETHANE	1.149	50	12526	0.68	UG/L		89
5) VINYL CHLORIDE	1.213	62	9455	0.77	UG/L		84
6) BROMOMETHANE	1.394	94	9799	1.72	UG/L		95
7) CHLOROETHANE	1.458	64	5741	1.04	UG/L		81
8) TRICHLOROFLUOROMETHANE	1.611	101	23748	1.19	UG/L		98
9) DI ETHYL ETHER	1.787	74	3726	0.87	UG/L		87
10) ACETONE	1.977	43	35647	8.52	UG/L		93
11) 1,1-DICHLOROETHENE	1.943	61	17300	0.95	UG/L		81
12) 1,1,2-TRICL-1,2,2-TRIF...	1.943	101	10381	1.08	UG/L		92
13) T-BUTYL ALCOHOL	2.392	59	19310	9.84	UG/L		74
14) ACRYLONITRILE	2.498	53	4612m	0.71	UG/L		
15) METHYLENE CHLORIDE	2.295	49	69931	1.12	UG/L		99
16) CARBON DISULFIDE	2.100	76	245450	9.55	UG/L		100
17) METHYL TERT-BUTYL ETHE...	2.529	73	27038	0.76	UG/L		57
18) TRANS 1,2-DICHLOROETHENE	2.515	61	17900	0.85	UG/L		90
19) 1,1-DICHLOROETHANE	2.908	63	20841	0.81	UG/L		96
20) DI ISOPROPYL ETHER	2.995	45	36616	0.61	UG/L		92
21) 2-BUTANONE	3.536	43	52731	6.36	UG/L		96
22) T-BUTYL ETHYL ETHER	3.380	59	33884	0.72	UG/L		97
23) CIS-1,2-DICHLOROETHENE	3.511	61	21635	0.82	UG/L		85
24) 2,2-DICHLOROPROPANE	3.502	77	19780	0.95	UG/L		89
25) BROMOCHLOROMETHANE	3.745	128	4812	0.62	UG/L		89
26) TETRAHYDROFURAN	3.820	72	1348m	0.86	UG/L		
27) CHLOROFORM	3.840	83	21904	0.88	UG/L		98
28) 1,1,1-TRICHLOROETHANE	4.018	97	24784	1.02	UG/L		77
29) CARBON TETRACHLORIDE	4.174	117	24516m	1.05	UG/L		
30) 1,1-DICHLOROPROPENE	4.180	77	4743m	0.81	UG/L		
31) BENZENE	4.389	78	35156	0.67	UG/L		100
32) T-AMYLMETHYL ETHER	4.523	73	20960	0.67	UG/L		87
35) 1,2-DICHLOROETHANE	4.409	62	22592	1.11	UG/L		83
36) TRICHLOROETHENE	5.028	95	10768	0.82	UG/L		89
37) 1,2-DICHLOROPROPANE	5.256	63	9220	0.74	UG/L	#	89
38) DIBROMOMETHANE	5.357	93	6303	0.85	UG/L		91
39) 1,4-DIOXANE	0.000		0	N.D.			
40) BROMODICHLOROMETHANE	5.527	83	17591	1.05	UG/L		99
41) MIBK	6.135	43	100255	6.82	UG/L		92
42) CIS-1,3-DICHLOROPROPENE	5.973	75	13099	0.78	UG/L		93
43) TOLUENE	6.288	91	42202	0.81	UG/L		97
44) TRANS-1,3,-DICHLOROPRO...	6.514	75	12571	0.86	UG/L		89
45) 1,1,2-TRICHLOROETHANE	6.690	83	6416	0.77	UG/L		96
46) 2-HEXANONE	6.955	43	73077	6.91	UG/L		94
47) TETRACHLOROETHENE	6.812	166	12822	0.88	UG/L		94

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353005.D
Acq On : 19 Dec 2011 6:41 am
Operator : MFF
Sample : 8260 STD 1.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

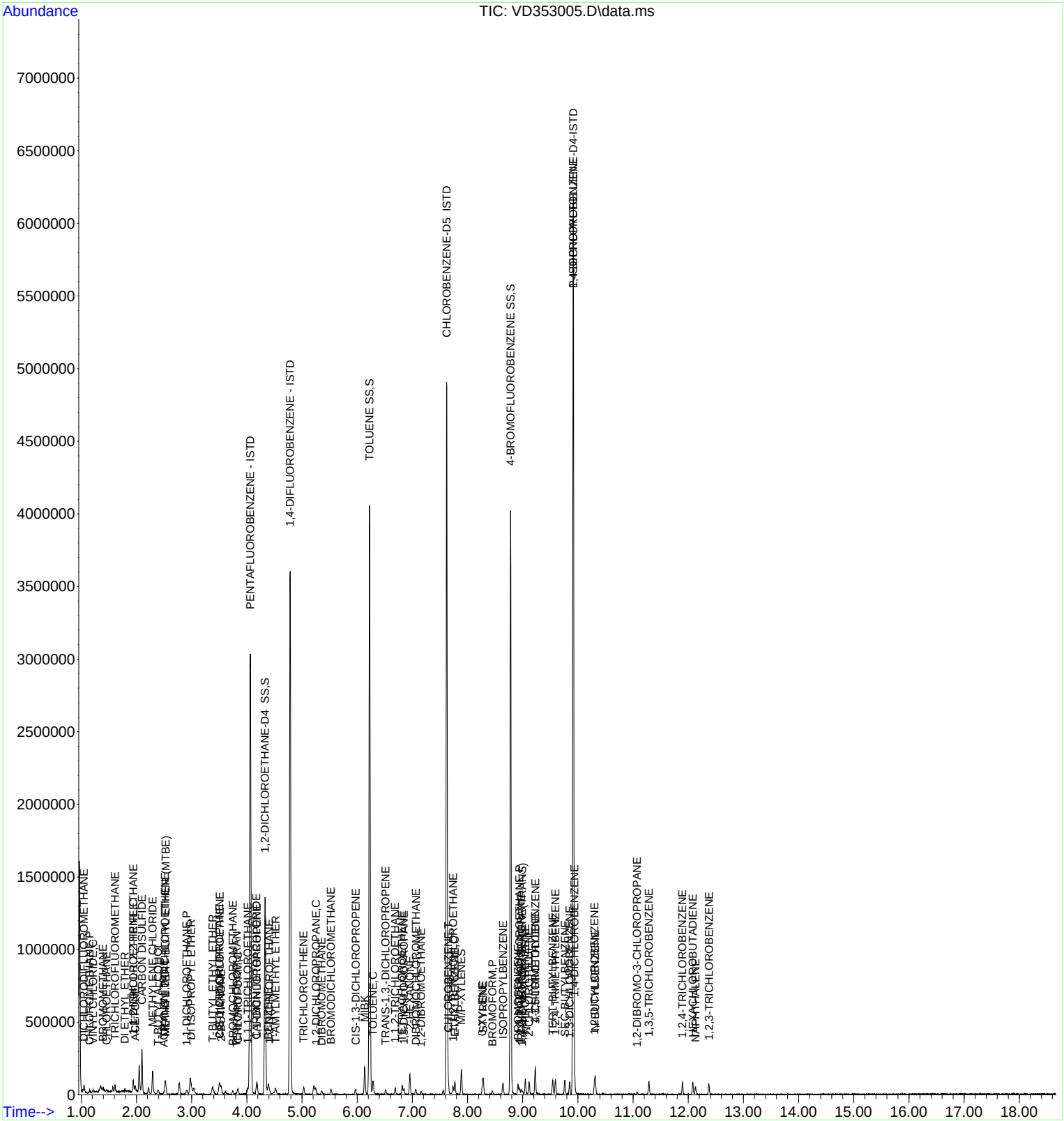
Quant Time: Dec 19 07:10:16 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	13511	0.82	UG/L		71
49) DIBROMOCHLOROMETHANE	7.066	129	12981	0.91	UG/L		98
50) 1,2-DIBROMOETHANE	7.161	107	8826	0.78	UG/L	#	98
53) CHLOROBENZENE	7.652	112	29045	0.65	UG/L		90
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	11411	0.67	UG/L		97
55) ETHYLBENZENE	7.769	91	47261	0.66	UG/L		94
56) M/P-XYLENES	7.889	91	79148	1.43	UG/L		85
57) 0-XYLENE	8.268	91	39326	0.70	UG/L		83
58) STYRENE	8.285	104	28014	0.63	UG/L		93
59) BROMOFORM	8.449	173	7916	0.84	UG/L		95
60) ISOPROPYLBENZENE	8.644	120	9867	0.56	UG/L		76
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	10328	0.66	UG/L		98
62) 1,4-DICHLORO-2-BUTENE(...	8.990	53	4908m	0.73	UG/L		
63) BROMOBENZENE	8.915	77	19856	0.76	UG/L		80
64) 1,2,3-TRICHLOROPROPANE	8.971	110	3546	0.64	UG/L		66
65) N-PROPYLBENZENE	9.046	91	55585	0.69	UG/L		89
66) 2-CHLOROT0LUENE	9.116	91	36835	0.72	UG/L		83
67) 1,3,5-TRIMETHYLBENZENE	9.230	105	43420	0.66	UG/L		88
68) 4-CHLOROTOLUENE	9.227	91	43220	0.74	UG/L		87
70) TERT-BUTYLBENZENE	9.545	119	33890	0.70	UG/L		69
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	43491	0.76	UG/L		85
72) SEC-BUTYLBENZENE	9.765	134	9825m	0.67	UG/L		
73) 1,3-DICHLOROBENZENE	9.852	146	24735	0.73	UG/L		95
74) P-ISOPROPYLTOLUENE	9.913	119	47704	0.84	UG/L		86
75) 1,4-DICHLOROBENZENE	9.938	146	26997	0.79	UG/L	#	72
76) N-BUTYLBENZENE	10.315	91	42112	0.82	UG/L		86
77) 1,2-DICHLOROBENZENE	10.301	146	23249	0.74	UG/L		93
78) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	3359	1.37	UG/L		51
79) 1,3,5-TRICHLOROBENZENE	11.288	180	21333	0.88	UG/L		99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	17269	0.79	UG/L		97
81) HEXACHLOROBUTADIENE	12.083	225	16364	1.43	UG/L		66
82) NAPHTHALENE	12.133	128	29144	1.23	UG/L		100
83) 1,2,3-TRICHLOROBENZENE	12.376	180	16518	0.83	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353005.D
Acq On : 19 Dec 2011 6:41 am
Operator : MFF
Sample : 8260 STD 1.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 19 07:10:16 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353006.D
Acq On : 19 Dec 2011 7:06 am
Operator : MFF
Sample : 8260 STD 2.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 19 07:27:32 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1508979	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2100922	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1203776	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1223896	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.331	65	922270	36.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 144.08%#				
34) TOLUENE SS	6.224	98	2044102	27.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.28%				
52) 4-BROMOFLUOROBENZENE SS	8.778	95	1006457	23.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.048	85	30414	2.23	UG/L		88
4) CHLOROMETHANE	1.152	50	22078	1.22	UG/L		97
5) VINYL CHLORIDE	1.210	62	19212	1.60	UG/L		92
6) BROMOMETHANE	1.397	94	17102m	3.06	UG/L		
7) CHLOROETHANE	1.455	64	9999	1.86	UG/L		95
8) TRICHLOROFLUOROMETHANE	1.612	101	40322	2.06	UG/L		98
9) DI ETHYL ETHER	1.787	74	6887	1.65	UG/L		88
10) ACETONE	1.974	43	60568	14.79	UG/L		95
11) 1,1-DICHLOROETHENE	1.941	61	29981	1.68	UG/L		88
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	18823	2.00	UG/L		92
13) T-BUTYL ALCOHOL	2.392	59	27601	14.36	UG/L		95
14) ACRYLONITRILE	2.498	53	7626m	1.20	UG/L		
15) METHYLENE CHLORIDE	2.292	49	74374	1.35	UG/L		98
16) CARBON DISULFIDE	2.100	76	443202	17.62	UG/L		100
17) METHYL TERT-BUTYL ETHE...	2.529	73	49149	1.41	UG/L		88
18) TRANS 1,2-DICHLOROETHENE	2.521	61	32419	1.56	UG/L		86
19) 1,1-DICHLOROETHANE	2.908	63	36952	1.46	UG/L		95
20) DI ISOPROPYL ETHER	2.998	45	69523	1.18	UG/L		97
21) 2-BUTANONE	3.530	43	91354	11.26	UG/L		83
22) T-BUTYL ETHYL ETHER	3.374	59	62006	1.34	UG/L		86
23) CIS-1,2-DICHLOROETHENE	3.508	61	37665	1.46	UG/L		85
24) 2,2-DICHLOROPROPANE	3.505	77	36442	1.79	UG/L		69
25) BROMOCHLOROMETHANE	3.745	128	8807	1.17	UG/L		93
26) TETRAHYDROFURAN	3.801	72	2266m	1.48	UG/L		
27) CHLOROFORM	3.843	83	39588	1.63	UG/L		96
28) 1,1,1-TRICHLOROETHANE	4.010	97	44022	1.85	UG/L		94
29) CARBON TETRACHLORIDE	4.180	117	36750	1.61	UG/L		88
30) 1,1-DICHLOROPROPENE	4.183	77	7936	1.39	UG/L		67
31) BENZENE	4.384	78	64201	1.25	UG/L		100
32) T-AMYLMETHYL ETHER	4.526	73	36894	1.20	UG/L		82
35) 1,2-DICHLOROETHANE	4.403	62	41768	2.03	UG/L		88
36) TRICHLOROETHENE	5.033	95	21295	1.61	UG/L		81
37) 1,2-DICHLOROPROPANE	5.248	63	16073	1.28	UG/L	#	89
38) DIBROMOMETHANE	5.357	93	12246	1.63	UG/L		83
39) 1,4-DIOXANE	5.404	88	1745m	7.78	UG/L		
40) BROMODICHLOROMETHANE	5.524	83	32461	1.92	UG/L		97
41) MIBK	6.135	43	187946	12.68	UG/L		92
42) CIS-1,3-DICHLOROPROPENE	5.967	75	24442	1.45	UG/L		92
43) TOLUENE	6.291	91	75701	1.43	UG/L		100
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	23943	1.62	UG/L		84
45) 1,1,2-TRICHLOROETHANE	6.684	83	11008	1.31	UG/L		89
46) 2-HEXANONE	6.952	43	136823	12.84	UG/L		94
47) TETRACHLOROETHENE	6.818	166	22557	1.53	UG/L		97

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353006.D
Acq On : 19 Dec 2011 7:06 am
Operator : MFF
Sample : 8260 STD 2.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 6 Sample Multiplier: 1

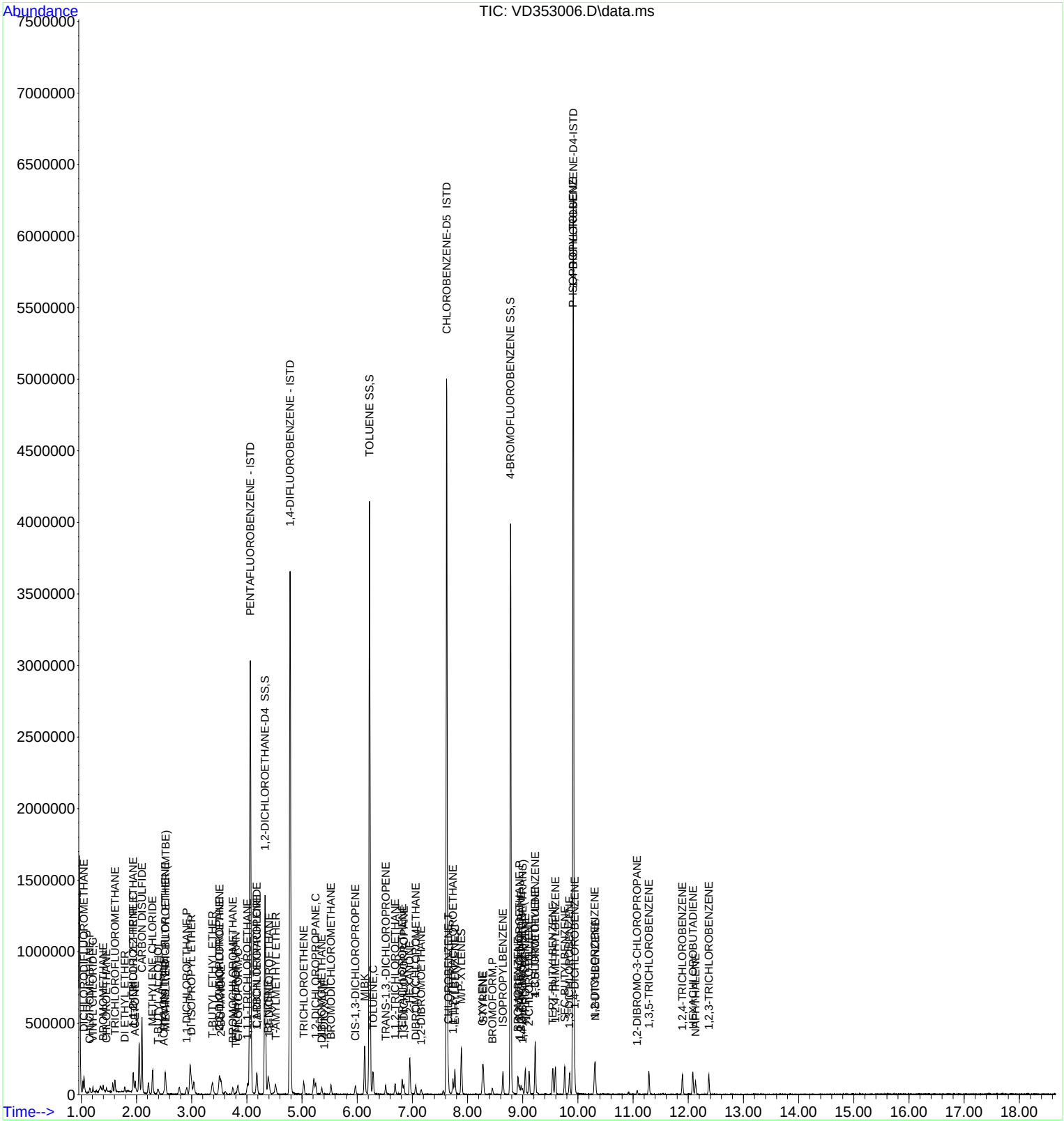
Quant Time: Dec 19 07:27:32 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	24326	1.47	UG/L		95
49) DIBROMOCHLOROMETHANE	7.061	129	23989	1.67	UG/L		96
50) 1,2-DIBROMOETHANE	7.161	107	15941	1.41	UG/L	#	96
53) CHLOROBENZENE	7.652	112	51950	1.16	UG/L		85
54) 1,1,1,2-TETRACHLOROETHANE	7.735	131	21083	1.25	UG/L		93
55) ETHYLBENZENE	7.772	91	95351	1.34	UG/L		88
56) M/P-XYLENES	7.889	91	157521	2.85	UG/L		86
57) 0-XYLENE	8.268	91	72953	1.30	UG/L		86
58) STYRENE	8.288	104	50630	1.15	UG/L		61
59) BROMOFORM	8.449	173	15054	1.59	UG/L		93
60) ISOPROPYLBENZENE	8.642	120	19187	1.10	UG/L		80
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	17672	1.14	UG/L		96
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	8576	1.29	UG/L		59
63) BROMOBENZENE	8.912	77	36008	1.38	UG/L		82
64) 1,2,3-TRICHLOROPROPANE	8.971	110	7526	1.36	UG/L		98
65) N-PROPYLBENZENE	9.049	91	102454	1.27	UG/L		92
66) 2-CHLOROT0LUENE	9.116	91	72651	1.42	UG/L		80
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	88034	1.34	UG/L		88
68) 4-CHLOROTOLUENE	9.225	91	85467	1.46	UG/L		83
70) TERT-BUTYLBENZENE	9.543	119	65362	1.35	UG/L		68
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	85810	1.50	UG/L		85
72) SEC-BUTYLBENZENE	9.763	134	16859	1.14	UG/L		57
73) 1,3-DICHLOROBENZENE	9.846	146	45441	1.34	UG/L		93
74) P-ISOPROPYLTOLUENE	9.911	119	89602	1.58	UG/L		87
75) 1,4-DICHLOROBENZENE	9.941	146	49041	1.43	UG/L		91
76) N-BUTYLBENZENE	10.318	91	79695	1.55	UG/L		88
77) 1,2-DICHLOROBENZENE	10.304	146	43099	1.36	UG/L		92
78) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	5946	2.42	UG/L		44
79) 1,3,5-TRICHLOROBENZENE	11.288	180	37026	1.52	UG/L		99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	30166	1.38	UG/L		91
81) HEXACHLOROBUTADIENE	12.086	225	28397	2.48	UG/L		83
82) NAPHTHALENE	12.133	128	53548	1.60	UG/L		100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	29689	1.48	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353006.D
Acq On : 19 Dec 2011 7:06 am
Operator : MFF
Sample : 8260 STD 2.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 19 07:27:32 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353007.D
Acq On : 19 Dec 2011 7:32 am
Operator : MFF
Sample : 8260 STD 5.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 07:55:22 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.066	168	1525621	30.00	UG/L	0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2089187	30.00	UG/L	0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1200535	30.00	UG/L	# 0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1194086	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	930553	35.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 143.76%#			
34) TOLUENE SS	6.224	98	2061889	27.46	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.84%			
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1018945	24.14	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.56%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	80852	5.86	UG/L	79
4) CHLOROMETHANE	1.157	50	54537	2.99	UG/L	99
5) VINYL CHLORIDE	1.210	62	54090	4.45	UG/L	91
6) BROMOMETHANE	1.397	94	30691	5.44	UG/L	95
7) CHLOROETHANE	1.455	64	25567	4.70	UG/L	96
8) TRICHLOROFLUOROMETHANE	1.612	101	99817	5.05	UG/L	97
9) DI ETHYL ETHER	1.790	74	17981	4.26	UG/L	90
10) ACETONE	1.977	43	134216	32.41	UG/L	92
11) 1,1-DICHLOROETHENE	1.943	61	80167	4.45	UG/L	91
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	48608	5.10	UG/L	95
13) T-BUTYL ALCOHOL	2.390	59	62978	32.42	UG/L	92
14) ACRYLONITRILE	2.493	53	18247	2.84	UG/L	99
15) METHYLENE CHLORIDE	2.292	49	134541	3.59	UG/L	96
16) CARBON DISULFIDE	2.100	76	1194415	46.97	UG/L	100
17) METHYL TERT-BUTYL ETHE...	2.529	73	132073	3.76	UG/L	91
18) TRANS 1,2-DICHLOROETHENE	2.521	61	87582	4.18	UG/L	85
19) 1,1-DICHLOROETHANE	2.911	63	94552	3.69	UG/L	97
20) DI ISOPROPYL ETHER	2.995	45	178475	2.99	UG/L	96
21) 2-BUTANONE	3.536	43	247070	30.11	UG/L	98
22) T-BUTYL ETHYL ETHER	3.377	59	167289	3.58	UG/L	94
23) CIS-1,2-DICHLOROETHENE	3.505	61	96575	3.69	UG/L	85
24) 2,2-DICHLOROPROPANE	3.502	77	92407	4.49	UG/L	81
25) BROMOCHLOROMETHANE	3.750	128	22528	2.95	UG/L	91
26) TETRAHYDROFURAN	3.803	72	3300	2.13	UG/L	56
27) CHLOROFORM	3.840	83	106252	4.32	UG/L	96
28) 1,1,1-TRICHLOROETHANE	4.018	97	113438	4.72	UG/L	97
29) CARBON TETRACHLORIDE	4.177	117	110046	4.78	UG/L	100
30) 1,1-DICHLOROPROPENE	4.183	77	22968	3.98	UG/L	89
31) BENZENE	4.386	78	158144	3.05	UG/L	100
32) T-AMYLMETHYL ETHER	4.515	73	103781	3.35	UG/L	87
35) 1,2-DICHLOROETHANE	4.406	62	106092	5.19	UG/L	89
36) TRICHLOROETHENE	5.028	95	54023	4.12	UG/L	80
37) 1,2-DICHLOROPROPANE	5.245	63	46062	3.69	UG/L	99
38) DIBROMOMETHANE	5.357	93	29427	3.95	UG/L	90
39) 1,4-DIOXANE	5.393	88	4384m	27.15	UG/L	
40) BROMODICHLOROMETHANE	5.524	83	81879	4.87	UG/L	98
41) MIBK	6.135	43	506865	34.40	UG/L	91
42) CIS-1,3-DICHLOROPROPENE	5.970	75	65410	3.90	UG/L	90
43) TOLUENE	6.285	91	184940	3.52	UG/L	99
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	64246	4.38	UG/L	80
45) 1,1,2-TRICHLOROETHANE	6.687	83	30072	3.60	UG/L	99
46) 2-HEXANONE	6.952	43	352188	33.24	UG/L	95
47) TETRACHLOROETHENE	6.815	166	57324	3.91	UG/L	97

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353007.D
Acq On : 19 Dec 2011 7:32 am
Operator : MFF
Sample : 8260 STD 5.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

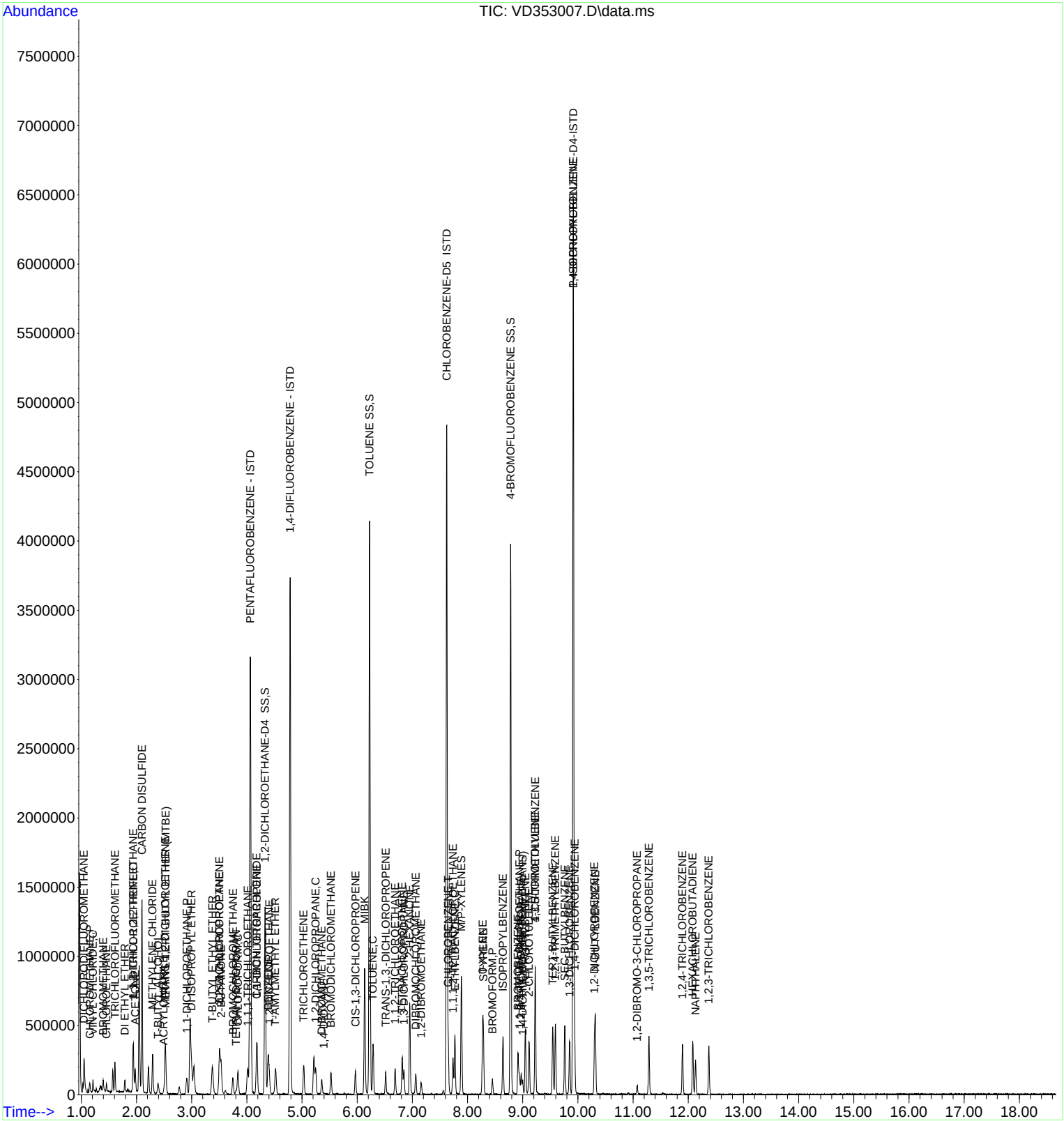
Quant Time: Dec 19 07:55:22 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	62921	3.81	UG/L	97
49) DIBROMOCHLOROMETHANE	7.063	129	61837	4.32	UG/L	100
50) 1,2-DIBROMOETHANE	7.158	107	41166	3.65	UG/L	93
53) CHLOROBENZENE	7.649	112	140356	3.15	UG/L	74
54) 1,1,1,2-TETRACHLOROETHANE	7.735	131	56525	3.35	UG/L	94
55) ETHYLBENZENE	7.772	91	228406	3.21	UG/L	89
56) M/P-XYLENES	7.886	91	414511	7.52	UG/L	84
57) 0-XYLENE	8.274	91	198261	3.55	UG/L	83
58) STYRENE	8.288	104	138807	3.16	UG/L	58
59) BROMOFORM	8.452	173	39738	4.22	UG/L	96
60) ISOPROPYLBENZENE	8.642	120	50235	2.88	UG/L	70
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	46209	2.99	UG/L	97
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	21428	3.23	UG/L	68
63) BROMOBENZENE	8.912	77	96789	3.71	UG/L	77
64) 1,2,3-TRICHLOROPROPANE	8.971	110	19677	3.57	UG/L	89
65) N-PROPYLBENZENE	9.049	91	276122	3.43	UG/L	92
66) 2-CHLOROT0LUENE	9.113	91	171362	3.36	UG/L	83
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	225320	3.43	UG/L	87
68) 4-CHLOROTOLUENE	9.225	91	226898	3.89	UG/L	81
70) TERT-BUTYLBENZENE	9.545	119	181725	3.85	UG/L	74
71) 1,2,4-TRIMETHYLBENZENE	9.590	105	229268	4.12	UG/L	86
72) SEC-BUTYLBENZENE	9.763	134	47855	3.32	UG/L	68
73) 1,3-DICHLOROBENZENE	9.849	146	121563	3.66	UG/L	96
74) P-ISOPROPYLTOLUENE	9.913	119	240995	4.36	UG/L	86
75) 1,4-DICHLOROBENZENE	9.941	146	127665	3.82	UG/L	85
76) N-BUTYLBENZENE	10.318	91	210195	4.18	UG/L	88
77) 1,2-DICHLOROBENZENE	10.298	146	108712	3.52	UG/L	94
78) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	13293	5.54	UG/L	55
79) 1,3,5-TRICHLOROBENZENE	11.288	180	95191	4.02	UG/L	99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	83286	3.91	UG/L	94
81) HEXACHLOROBUTADIENE	12.080	225	71246	6.37	UG/L	82
82) NAPHTHALENE	12.133	128	142805	3.00	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.370	180	79791	4.08	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353007.D
Acq On : 19 Dec 2011 7:32 am
Operator : MFF
Sample : 8260 STD 5.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 07:55:22 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353008.D
Acq On : 19 Dec 2011 7:57 am
Operator : MFF
Sample : 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 19 08:18:09 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1554324	30.00	UG/L	0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2191065	30.00	UG/L	0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1264663	30.00	UG/L	# 0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1239829	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	965097	36.59	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 146.36%#			
34) TOLUENE SS	6.224	98	2130051	27.05	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.20%			
52) 4-BROMOFLUOROBENZENE SS	8.778	95	1040414	23.40	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.60%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.048	85	170056m	12.10	UG/L	
4) CHLOROMETHANE	1.154	50	106272	5.71	UG/L	96
5) VINYL CHLORIDE	1.213	62	104623	8.44	UG/L	98
6) BROMOMETHANE	1.394	94	64409m	11.20	UG/L	
7) CHLOROETHANE	1.455	64	51095	9.22	UG/L	96
8) TRICHLOROFLUOROMETHANE	1.609	101	195555	9.71	UG/L	99
9) DI ETHYL ETHER	1.790	74	34639	8.06	UG/L	90
10) ACETONE	1.977	43	245839	58.27	UG/L	94
11) 1,1-DICHLOROETHENE	1.941	61	158755	8.64	UG/L	89
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	91958	9.48	UG/L	94
13) T-BUTYL ALCOHOL	2.392	59	122664	61.97	UG/L	97
14) ACRYLONITRILE	2.495	53	37742	5.78	UG/L	99
15) METHYLENE CHLORIDE	2.292	49	216175	6.53	UG/L	98
16) CARBON DISULFIDE	2.099	76	2349642	90.69	UG/L	100
17) METHYL TERT-BUTYL ETHE...	2.532	73	275867	7.70	UG/L	87
18) TRANS 1,2-DICHLOROETHENE	2.521	61	175391	8.21	UG/L	83
19) 1,1-DICHLOROETHANE	2.911	63	185360	7.11	UG/L	97
20) DI ISOPROPYL ETHER	3.000	45	373155	6.13	UG/L	97
21) 2-BUTANONE	3.530	43	493063	58.98	UG/L	97
22) T-BUTYL ETHYL ETHER	3.377	59	342419	7.19	UG/L	95
23) CIS-1,2-DICHLOROETHENE	3.508	61	205549	7.71	UG/L	80
24) 2,2-DICHLOROPROPANE	3.502	77	191230	9.11	UG/L	83
25) BROMOCHLOROMETHANE	3.745	128	43004	5.54	UG/L	91
26) TETRAHYDROFURAN	3.798	72	9992m	6.32	UG/L	
27) CHLOROFORM	3.840	83	200866	8.02	UG/L	100
28) 1,1,1-TRICHLOROETHANE	4.015	97	220874	9.02	UG/L	98
29) CARBON TETRACHLORIDE	4.180	117	217148	9.26	UG/L	100
30) 1,1-DICHLOROPROPENE	4.185	77	41669	7.09	UG/L	82
31) BENZENE	4.386	78	315037	5.97	UG/L	100
32) T-AMYLMETHYL ETHER	4.520	73	217557	6.89	UG/L	90
35) 1,2-DICHLOROETHANE	4.406	62	210180	9.81	UG/L	88
36) TRICHLOROETHENE	5.033	95	106155	7.71	UG/L	81
37) 1,2-DICHLOROPROPANE	5.248	63	90604	6.93	UG/L	99
38) DIBROMOMETHANE	5.359	93	58052	7.43	UG/L	89
39) 1,4-DIOXANE	5.401	88	9604m	62.05	UG/L	
40) BROMODICHLOROMETHANE	5.527	83	173559	9.85	UG/L	98
41) MIBK	6.135	43	1046093	67.70	UG/L	92
42) CIS-1,3-DICHLOROPROPENE	5.967	75	134730	7.66	UG/L	88
43) TOLUENE	6.288	91	384413	6.98	UG/L	98
44) TRANS-1,3,-DICHLOROPRO...	6.514	75	131384	8.54	UG/L	81
45) 1,1,2-TRICHLOROETHANE	6.684	83	59730	6.81	UG/L	99
46) 2-HEXANONE	6.952	43	746341	67.16	UG/L	95
47) TETRACHLOROETHENE	6.818	166	114800	7.47	UG/L	95

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353008.D
Acq On : 19 Dec 2011 7:57 am
Operator : MFF
Sample : 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 8 Sample Multiplier: 1

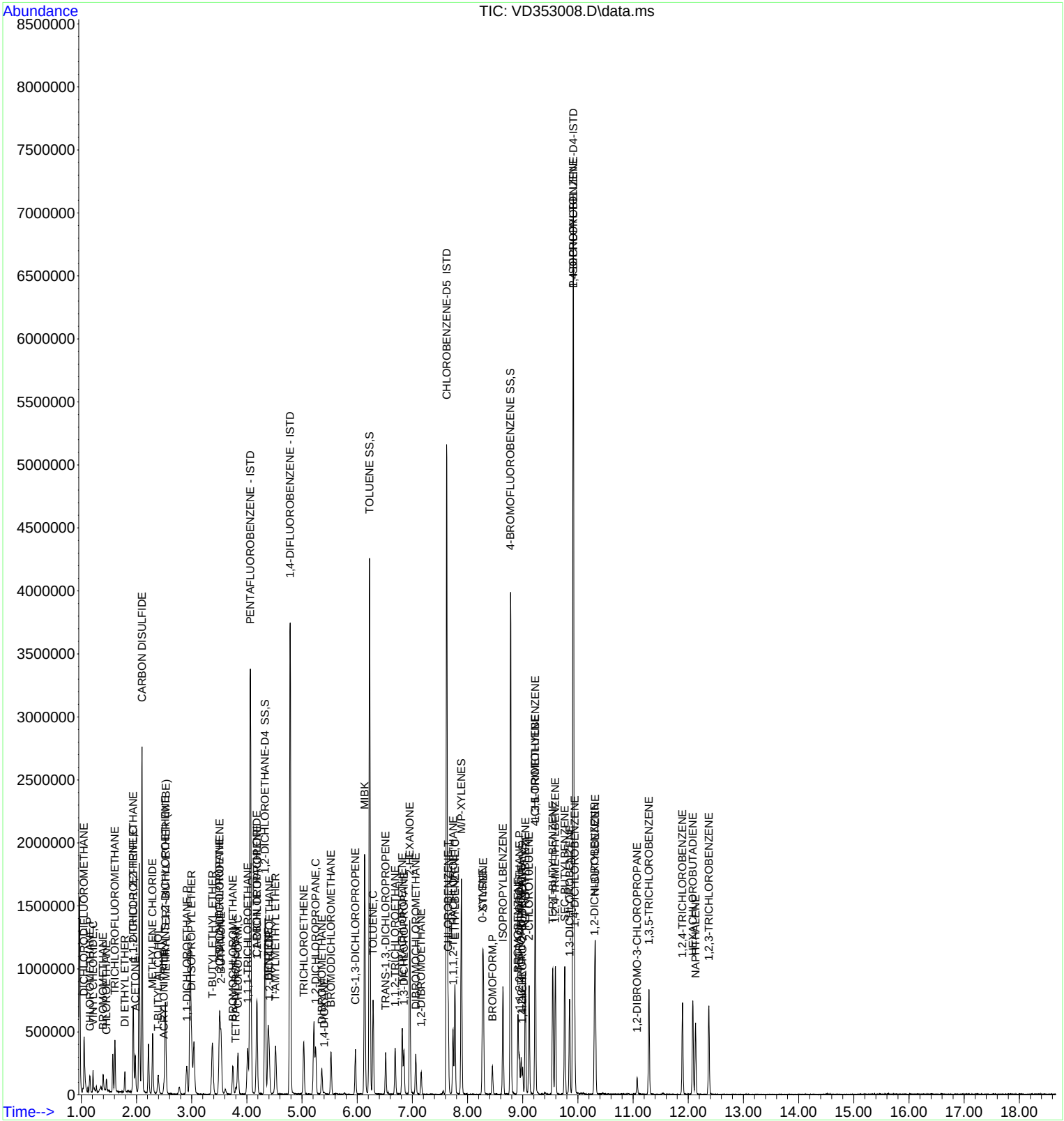
Quant Time: Dec 19 08:18:09 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	129273	7.47	UG/L	100
49) DIBROMOCHLOROMETHANE	7.063	129	123426	8.23	UG/L	98
50) 1,2-DIBROMOETHANE	7.161	107	84969	7.19	UG/L	98
53) CHLOROBENZENE	7.649	112	263572	5.62	UG/L	78
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	114354	6.44	UG/L	95
55) ETHYLBENZENE	7.772	91	476654	6.35	UG/L	91
56) M/P-XYLENES	7.889	91	823489	14.18	UG/L	83
57) 0-XYLENE	8.271	91	405932	6.90	UG/L	85
58) STYRENE	8.285	104	290238	6.26	UG/L	58
59) BROMOFORM	8.452	173	84985	8.57	UG/L	98
60) ISOPROPYLBENZENE	8.642	120	104128	5.66	UG/L	72
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	96730	5.94	UG/L	96
62) 1,4-DICHLORO-2-BUTENE(...	8.996	53	43068	6.16	UG/L	70
63) BROMOBENZENE	8.912	77	193558	7.05	UG/L	79
64) 1,2,3-TRICHLOROPROPANE	8.973	110	37423	6.45	UG/L	98
65) N-PROPYLBENZENE	9.049	91	564274	6.65	UG/L	92
66) 2-CHLOROT0LUENE	9.116	91	372255	6.94	UG/L	83
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	467234	6.75	UG/L	85
68) 4-CHLOROTOLUENE	9.224	91	435233	7.09	UG/L	83
70) TERT-BUTYLBENZENE	9.545	119	378149	7.72	UG/L	76
71) 1,2,4-TRIMETHYLBENZENE	9.590	105	460123	7.97	UG/L	85
72) SEC-BUTYLBENZENE	9.763	134	101434	6.78	UG/L	70
73) 1,3-DICHLOROBENZENE	9.852	146	234131	6.80	UG/L	93
74) P-ISOPROPYLTOLUENE	9.913	119	467714	8.15	UG/L	87
75) 1,4-DICHLOROBENZENE	9.941	146	248164	7.15	UG/L	88
76) N-BUTYLBENZENE	10.315	91	440081	8.43	UG/L	90
77) 1,2-DICHLOROBENZENE	10.301	146	215410	6.72	UG/L	94
78) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	27784	11.16	UG/L	55
79) 1,3,5-TRICHLOROBENZENE	11.288	180	197548	8.03	UG/L	99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	172990	7.82	UG/L	95
81) HEXACHLOROBUTADIENE	12.083	225	140208	12.07	UG/L	88
82) NAPHTHALENE	12.133	128	330357	5.71	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	165127	8.13	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353008.D
Acq On : 19 Dec 2011 7:57 am
Operator : MFF
Sample : 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 19 08:18:09 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353009.D
Acq On : 19 Dec 2011 8:23 am
Operator : MFF
Sample : 8260 STD 20PPB Inst : GCMSVOA4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 19 09:50:15 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1608453	30.00	UG/L	0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2212844	30.00	UG/L	0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1263954	30.00	UG/L	# 0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1260069	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	981987	35.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 143.92%#			
34) TOLUENE SS	6.224	98	2148667	27.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.08%			
52) 4-BROMOFLUOROBENZENE SS	8.778	95	1050972	23.65	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.60%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	306983	21.12	UG/L	99
4) CHLOROMETHANE	1.154	50	213566	11.10	UG/L	99
5) VINYL CHLORIDE	1.213	62	205486	16.03	UG/L	98
6) BROMOMETHANE	1.394	94	126197	21.20	UG/L	99
7) CHLOROETHANE	1.455	64	95217	16.59	UG/L	97
8) TRICHLOROFLUOROMETHANE	1.606	101	392572	18.83	UG/L	98
9) DI ETHYL ETHER	1.787	74	68806	15.48	UG/L	85
10) ACETONE	1.977	43	479854	109.90	UG/L	92
11) 1,1-DICHLOROETHENE	1.941	61	318371	16.75	UG/L	90
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	192506	19.17	UG/L	96
13) T-BUTYL ALCOHOL	2.392	59	249301	121.71	UG/L	99
14) ACRYLONITRILE	2.493	53	78354	11.59	UG/L	99
15) METHYLENE CHLORIDE	2.292	49	369495	11.76	UG/L	98
16) CARBON DISULFIDE	2.100	76	4944919	184.44	UG/L	100
17) METHYL TERT-BUTYL ETHE...	2.526	73	569824	15.37	UG/L	87
18) TRANS 1,2-DICHLOROETHENE	2.521	61	355470	16.09	UG/L	83
19) 1,1-DICHLOROETHANE	2.911	63	398729	14.78	UG/L	98
20) DI ISOPROPYL ETHER	2.998	45	756097	12.01	UG/L	96
21) 2-BUTANONE	3.533	43	1047288	121.05	UG/L	97
22) T-BUTYL ETHYL ETHER	3.377	59	706578	14.34	UG/L	96
23) CIS-1,2-DICHLOROETHENE	3.508	61	411688	14.93	UG/L	81
24) 2,2-DICHLOROPROPANE	3.505	77	395298	18.21	UG/L	82
25) BROMOCHLOROMETHANE	3.750	128	92651	11.52	UG/L	95
26) TETRAHYDROFURAN	3.795	72	16117	9.85	UG/L	93
27) CHLOROFORM	3.837	83	419218	16.18	UG/L	97
28) 1,1,1-TRICHLOROETHANE	4.015	97	455789	17.99	UG/L	95
29) CARBON TETRACHLORIDE	4.180	117	440600	18.16	UG/L	100
30) 1,1-DICHLOROPROPENE	4.185	77	91769	15.09	UG/L	88
31) BENZENE	4.389	78	640152	11.72	UG/L	100
32) T-AMYLMETHYL ETHER	4.520	73	442600	13.55	UG/L	89
35) 1,2-DICHLOROETHANE	4.406	62	438096	20.25	UG/L	88
36) TRICHLOROETHENE	5.030	95	225904	16.25	UG/L	79
37) 1,2-DICHLOROPROPANE	5.248	63	190050	14.38	UG/L	100
38) DIBROMOMETHANE	5.354	93	119847	15.18	UG/L	87
39) 1,4-DIOXANE	5.396	88	17683m	117.16	UG/L	
40) BROMODICHLOROMETHANE	5.527	83	351460	19.75	UG/L	97
41) MIBK	6.135	43	2103728	134.80	UG/L	90
42) CIS-1,3-DICHLOROPROPENE	5.965	75	282484	15.91	UG/L	89
43) TOLUENE	6.291	91	785236	14.12	UG/L	99
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	281850	18.14	UG/L	80
45) 1,1,2-TRICHLOROETHANE	6.690	83	117181	13.24	UG/L	97
46) 2-HEXANONE	6.955	43	1559142	138.92	UG/L	93
47) TETRACHLOROETHENE	6.815	166	233717	15.06	UG/L	96

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353009.D
Acq On : 19 Dec 2011 8:23 am
Operator : MFF
Sample : 8260 STD 20PPB Inst : GCMSVOA4
Misc :
ALS Vial : 9 Sample Multiplier: 1

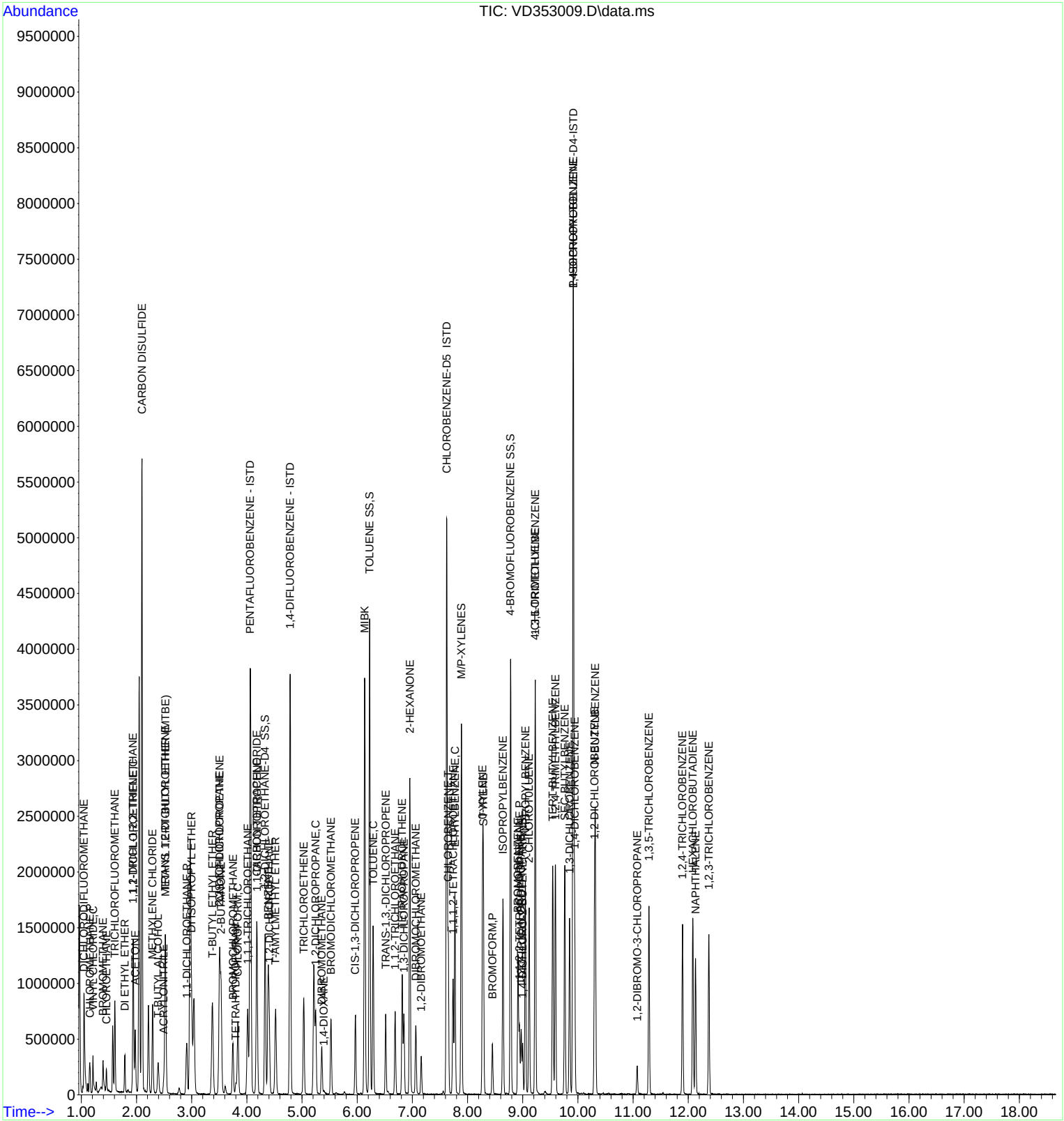
Quant Time: Dec 19 09:50:15 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.849	76	276821	15.83	UG/L	100
49) DIBROMOCHLOROMETHANE	7.063	129	254827	16.82	UG/L	100
50) 1,2-DIBROMOETHANE	7.161	107	171085	14.33	UG/L	98
53) CHLOROBENZENE	7.649	112	538076	11.49	UG/L	84
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	238142	13.41	UG/L	95
55) ETHYLBENZENE	7.772	91	1003947	13.39	UG/L	91
56) M/P-XYLENES	7.889	91	1650361	28.44	UG/L	83
57) 0-XYLENE	8.271	91	842230	14.33	UG/L	84
58) STYRENE	8.288	104	581590	12.56	UG/L	57
59) BROMOFORM	8.452	173	178970	18.05	UG/L	99
60) ISOPROPYLBENZENE	8.642	120	213447	11.60	UG/L	69
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	199110	12.23	UG/L	97
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	93147m	13.32	UG/L	
63) BROMOBENZENE	8.912	77	396171	14.43	UG/L	79
64) 1,2,3-TRICHLOROPROPANE	8.971	110	77713	13.40	UG/L	96
65) N-PROPYLBENZENE	9.049	91	1145787	13.52	UG/L	92
66) 2-CHLOROT0LUENE	9.116	91	752605	14.03	UG/L	84
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	942011	13.62	UG/L	87
68) 4-CHLOROTOLUENE	9.225	91	902161	14.70	UG/L	82
70) TERT-BUTYLBENZENE	9.542	119	787307	15.82	UG/L	74
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	961670	16.38	UG/L	85
72) SEC-BUTYLBENZENE	9.763	134	204687	13.47	UG/L	68
73) 1,3-DICHLOROBENZENE	9.849	146	476777	13.62	UG/L	93
74) P-ISOPROPYLTOLUENE	9.913	119	952544	16.34	UG/L	87
75) 1,4-DICHLOROBENZENE	9.941	146	500934	14.20	UG/L	92
76) N-BUTYLBENZENE	10.315	91	933211	17.58	UG/L	90
77) 1,2-DICHLOROBENZENE	10.301	146	460092	14.12	UG/L	94
78) 1,2-DIBROMO-3-CHLOROPR...	11.076	75	60262	23.82	UG/L	54
79) 1,3,5-TRICHLOROBENZENE	11.288	180	413226	16.53	UG/L	100
80) 1,2,4-TRICHLOROBENZENE	11.896	180	364175	16.19	UG/L	97
81) HEXACHLOROBUTADIENE	12.083	225	288755	24.46	UG/L	91
82) NAPHTHALENE	12.133	128	729000	11.48	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	335863	16.28	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353009.D
Acq On : 19 Dec 2011 8:23 am
Operator : MFF
Sample : 8260 STD 20PPB Inst : GCMSVOA4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 19 09:50:15 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353010.D
Acq On : 19 Dec 2011 8:48 am
Operator : MFF
Sample : 8260 STD 50PPB Inst : GCMSVOA4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 19 09:08:24 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1674468	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2261029	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.624	82	1275874	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1279910	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	1004849	35.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 141.44%#				
34) TOLUENE SS	6.227	98	2224227	27.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.48%				
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1080975	24.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	759190	50.16	UG/L		100
4) CHLOROMETHANE	1.154	50	582321	29.07	UG/L		99
5) VINYL CHLORIDE	1.210	62	571075	42.78	UG/L		98
6) BROMOMETHANE	1.388	94	345002	55.67	UG/L		98
7) CHLOROETHANE	1.452	64	280023	46.88	UG/L		94
8) TRICHLOROFLUOROMETHANE	1.606	101	1066060	49.12	UG/L		99
9) DI ETHYL ETHER	1.787	74	196807	42.52	UG/L		86
10) ACETONE	1.977	43	1346177	296.17	UG/L		91
11) 1,1-DICHLOROETHENE	1.940	61	840537	42.48	UG/L		90
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	507654	48.57	UG/L		94
13) T-BUTYL ALCOHOL	2.395	59	719561	337.45	UG/L		96
14) ACRYLONITRILE	2.495	53	217990	30.96	UG/L		98
15) METHYLENE CHLORIDE	2.292	49	893297	29.29	UG/L		100
16) CARBON DISULFIDE	2.094	76	12234491	438.35	UG/L		100
17) METHYL TERT-BUTYL ETHE...	2.526	73	1560768	40.44	UG/L		83
18) TRANS 1,2-DICHLOROETHENE	2.520	61	977517	42.49	UG/L		84
19) 1,1-DICHLOROETHANE	2.911	63	1083832	38.58	UG/L		98
20) DI ISOPROPYL ETHER	3.000	45	1961878	29.93	UG/L	#	88
21) 2-BUTANONE	3.533	43	2789939	309.76	UG/L		96
22) T-BUTYL ETHYL ETHER	3.377	59	1973560	38.46	UG/L		95
23) CIS-1,2-DICHLOROETHENE	3.508	61	1122140	39.08	UG/L		83
24) 2,2-DICHLOROPROPANE	3.505	77	1085706	48.03	UG/L		82
25) BROMOCHLOROMETHANE	3.747	128	258406	30.88	UG/L		96
26) TETRAHYDROFURAN	3.803	72	58054	34.08	UG/L		73
27) CHLOROFORM	3.840	83	1171504	43.44	UG/L		98
28) 1,1,1-TRICHLOROETHANE	4.012	97	1281072	48.56	UG/L		95
29) CARBON TETRACHLORIDE	4.180	117	1225191	48.52	UG/L		99
30) 1,1-DICHLOROPROPENE	4.185	77	258677	40.85	UG/L		89
31) BENZENE	4.386	78	1823587	32.08	UG/L		100
32) T-AMYLMETHYL ETHER	4.520	73	1278543	37.60	UG/L		91
35) 1,2-DICHLOROETHANE	4.406	62	1164573	52.68	UG/L		89
36) TRICHLOROETHENE	5.030	95	617690	43.49	UG/L		81
37) 1,2-DICHLOROPROPANE	5.248	63	529696	39.24	UG/L		100
38) DIBROMOMETHANE	5.357	93	338697	41.99	UG/L		87
39) 1,4-DIOXANE	5.404	88	50982m	339.52	UG/L		
40) BROMODICHLOROMETHANE	5.524	83	956173	52.58	UG/L		99
41) MIBK	6.137	43	5794163	363.36	UG/L		89
42) CIS-1,3-DICHLOROPROPENE	5.967	75	827128	45.59	UG/L		90
43) TOLUENE	6.291	91	2137592	37.62	UG/L		99
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	819389	51.60	UG/L		79
45) 1,1,2-TRICHLOROETHANE	6.689	83	347868	38.46	UG/L		98
46) 2-HEXANONE	6.954	43	4307489	375.63	UG/L		91
47) TETRACHLOROETHENE	6.818	166	651667	41.11	UG/L		95

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353010.D
Acq On : 19 Dec 2011 8:48 am
Operator : MFF
Sample : 8260 STD 50PPB Inst : GCMSVOA4
Misc :
ALS Vial : 10 Sample Multiplier: 1

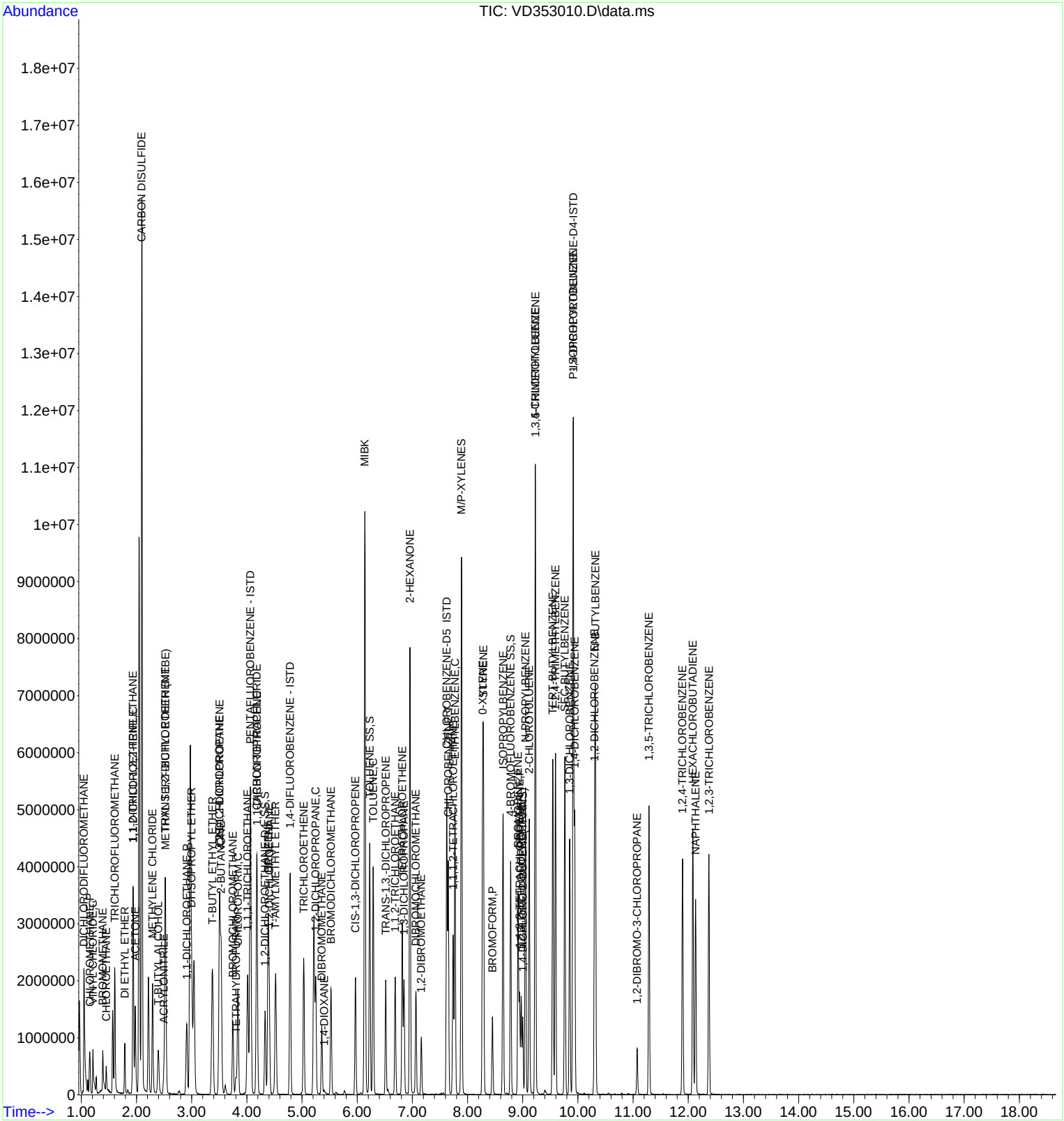
Quant Time: Dec 19 09:08:24 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.848	76	773262	43.28	UG/L	100
49) DIBROMOCHLOROMETHANE	7.063	129	742200	47.96	UG/L	99
50) 1,2-DIBROMOETHANE	7.161	107	507924	41.65	UG/L	98
53) CHLOROBENZENE	7.652	112	1520486	32.15	UG/L	85
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	675348	37.68	UG/L	94
55) ETHYLBENZENE	7.771	91	2846971	37.61	UG/L	91
56) M/P-XYLENES	7.889	91	4692007	80.09	UG/L	84
57) 0-XYLENE	8.273	91	2385436	40.20	UG/L	84
58) STYRENE	8.287	104	1685685	36.05	UG/L	61
59) BROMOFORM	8.449	173	522607	52.21	UG/L	99
60) ISOPROPYLBENZENE	8.644	120	629391	33.89	UG/L	72
61) 1,1,2,2-TETRACHLOROETHANE	8.943	83	587531	35.75	UG/L	98
62) 1,4-DICHLORO-2-BUTENE(...	9.001	53	276736	39.21	UG/L	66
63) BROMOBENZENE	8.915	77	1130822	40.81	UG/L	80
64) 1,2,3-TRICHLOROPROPANE	8.971	110	226588	38.70	UG/L	95
65) N-PROPYLBENZENE	9.049	91	3336667	39.00	UG/L	93
66) 2-CHLOROT0LUENE	9.118	91	2162093	39.94	UG/L	83
67) 1,3,5-TRIMETHYLBENZENE	9.230	105	2803344	40.16	UG/L	86
68) 4-CHLOROTOLUENE	9.227	91	2605067	42.06	UG/L	83
70) TERT-BUTYLBENZENE	9.545	119	2286892	45.23	UG/L	76
71) 1,2,4-TRIMETHYLBENZENE	9.595	105	2734601	45.86	UG/L	88
72) SEC-BUTYLBENZENE	9.763	134	597462	38.71	UG/L	68
73) 1,3-DICHLOROBENZENE	9.852	146	1409414	39.63	UG/L	94
74) P-ISOPROPYLTOLUENE	9.913	119	2762629	46.64	UG/L	87
75) 1,4-DICHLOROBENZENE	9.941	146	1417596	39.56	UG/L	94
76) N-BUTYLBENZENE	10.318	91	2687788	49.85	UG/L	88
77) 1,2-DICHLOROBENZENE	10.301	146	1303373	39.38	UG/L	93
78) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	177097	68.91	UG/L	56
79) 1,3,5-TRICHLOROBENZENE	11.288	180	1234037	48.59	UG/L	99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	1045002	45.74	UG/L	96
81) HEXACHLOROBUTADIENE	12.083	225	856886	71.47	UG/L	90
82) NAPHTHALENE	12.133	128	2169009	32.10	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.376	180	1040556	49.64	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353010.D
Acq On : 19 Dec 2011 8:48 am
Operator : MFF
Sample : 8260 STD 50PPB Inst : GCMSVOA4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 19 09:08:24 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353011.D
Acq On : 19 Dec 2011 9:14 am
Operator : MFF
Sample : 8260 STD 80PPB Inst : GCMSVOA4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 19 09:37:17 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1727642	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2349981	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.624	82	1328376	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.919	152	1383545	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.331	65	1009817	34.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 137.76%#				
34) TOLUENE SS	6.227	98	2290178	27.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.44%				
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1105031	23.66	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.64%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.046	85	1215351	77.83	UG/L		99
4) CHLOROMETHANE	1.154	50	914116	44.22	UG/L		99
5) VINYL CHLORIDE	1.210	62	946287	68.71	UG/L		100
6) BROMOMETHANE	1.389	94	513196	80.26	UG/L		98
7) CHLOROETHANE	1.447	64	454061	73.68	UG/L		91
8) TRICHLOROFLUOROMETHANE	1.606	101	1681348	75.09	UG/L		100
9) DI ETHYL ETHER	1.787	74	320757	67.17	UG/L		86
10) ACETONE	1.977	43	1994841	425.37	UG/L		89
11) 1,1-DICHLOROETHENE	1.938	61	1351395	66.19	UG/L		93
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	830093	76.97	UG/L		93
13) T-BUTYL ALCOHOL	2.398	59	1137378	516.97	UG/L		94
14) ACRYLONITRILE	2.496	53	337151	46.42	UG/L		97
15) METHYLENE CHLORIDE	2.289	49	1419759	45.93	UG/L		99
16) CARBON DISULFIDE	2.088	76	14822530m	514.73	UG/L		
17) METHYL TERT-BUTYL ETHE...	2.529	73	2519483	63.27	UG/L		83
18) TRANS 1,2-DICHLOROETHENE	2.518	61	1584307	66.75	UG/L		84
19) 1,1-DICHLOROETHANE	2.908	63	1766291	60.94	UG/L		98
20) DI ISOPROPYL ETHER	2.998	45	3123793	46.20	UG/L	#	88
21) 2-BUTANONE	3.536	43	4250824	457.44	UG/L		95
22) T-BUTYL ETHYL ETHER	3.377	59	3213546	60.70	UG/L		96
23) CIS-1,2-DICHLOROETHENE	3.508	61	1818536	61.39	UG/L		83
24) 2,2-DICHLOROPROPANE	3.505	77	1797012	77.05	UG/L		82
25) BROMOCHLOROMETHANE	3.748	128	416762	48.26	UG/L		97
26) TETRAHYDROFURAN	3.806	72	86567	49.25	UG/L		76
27) CHLOROFORM	3.837	83	1876386	67.44	UG/L		98
28) 1,1,1-TRICHLOROETHANE	4.015	97	2054306	75.47	UG/L		95
29) CARBON TETRACHLORIDE	4.180	117	1980058	76.00	UG/L		99
30) 1,1-DICHLOROPROPENE	4.183	77	411890	63.04	UG/L		90
31) BENZENE	4.386	78	2915096	49.71	UG/L		100
32) T-AMYLMETHYL ETHER	4.523	73	2050068	58.43	UG/L		94
35) 1,2-DICHLOROETHANE	4.409	62	1810259	78.79	UG/L		89
36) TRICHLOROETHENE	5.030	95	1002726	67.92	UG/L		80
37) 1,2-DICHLOROPROPANE	5.248	63	856340	61.03	UG/L		100
38) DIBROMOMETHANE	5.357	93	549915	65.59	UG/L		86
39) 1,4-DIOXANE	5.404	88	77846	501.10	UG/L	#	1
40) BROMODICHLOROMETHANE	5.524	83	1560377	82.56	UG/L		99
41) MIBK	6.140	43	8225127	496.29	UG/L		87
42) CIS-1,3-DICHLOROPROPENE	5.967	75	1342947	71.22	UG/L		89
43) TOLUENE	6.291	91	3445261	58.33	UG/L		99
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	1308952	79.31	UG/L		81
45) 1,1,2-TRICHLOROETHANE	6.687	83	552274	58.74	UG/L		100
46) 2-HEXANONE	6.957	43	6381401	535.42	UG/L		88
47) TETRACHLOROETHENE	6.818	166	1091159	66.22	UG/L		98

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353011.D
Acq On : 19 Dec 2011 9:14 am
Operator : MFF
Sample : 8260 STD 80PPB Inst : GCMSVOA4
Misc :
ALS Vial : 11 Sample Multiplier: 1

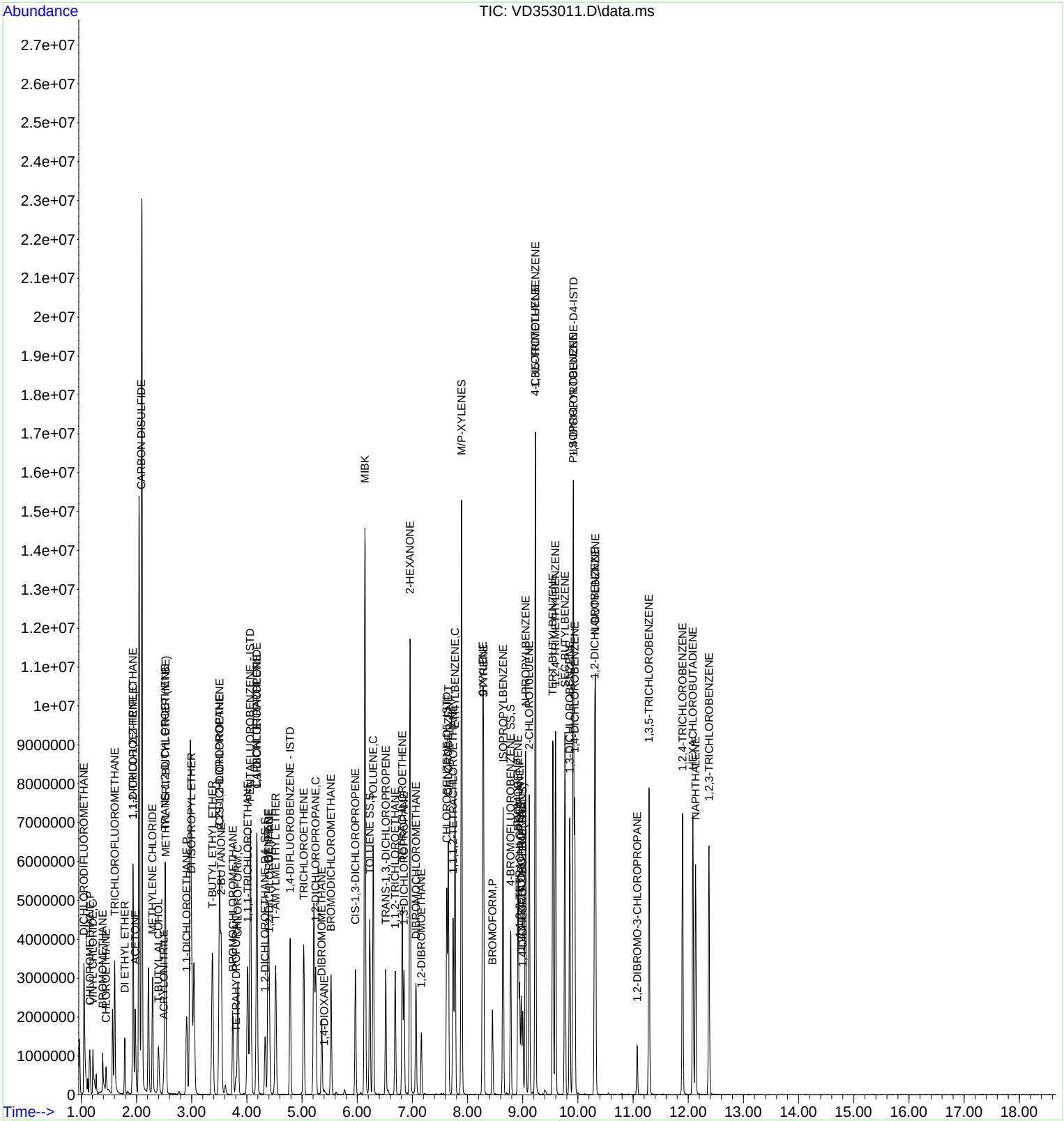
Quant Time: Dec 19 09:37:17 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.849	76	1227764	66.11	UG/L	99
49) DIBROMOCHLOROMETHANE	7.066	129	1202550	74.76	UG/L	99
50) 1,2-DIBROMOETHANE	7.164	107	810747	63.96	UG/L	99
53) CHLOROBENZENE	7.652	112	2499848	50.78	UG/L	87
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	1094177	58.63	UG/L	95
55) ETHYLBENZENE	7.774	91	4614495	58.55	UG/L	91
56) M/P-XYLENES	7.892	91	7495929	122.90	UG/L	86
57) 0-XYLENE	8.274	91	3904210	63.19	UG/L	84
58) STYRENE	8.290	104	2707470	55.62	UG/L	61
59) BROMOFORM	8.452	173	824824	79.15	UG/L	97
60) ISOPROPYLBENZENE	8.645	120	976843	50.53	UG/L	68
61) 1,1,2,2-TETRACHLOROETHANE	8.943	83	929358	54.31	UG/L	99
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	434942	59.19	UG/L	69
63) BROMOBENZENE	8.918	77	1815675	62.94	UG/L	80
64) 1,2,3-TRICHLOROPROPANE	8.974	110	343128	56.29	UG/L	96
65) N-PROPYLBENZENE	9.052	91	5430330	60.97	UG/L	93
66) 2-CHLOROT0LUENE	9.119	91	3457905	61.35	UG/L	84
67) 1,3,5-TRIMETHYLBENZENE	9.230	105	4453825	61.28	UG/L	88
68) 4-CHLOROTOLUENE	9.227	91	4199827	65.13	UG/L	83
70) TERT-BUTYLBENZENE	9.545	119	3680167	67.33	UG/L	76
71) 1,2,4-TRIMETHYLBENZENE	9.595	105	4465533	69.27	UG/L	87
72) SEC-BUTYLBENZENE	9.766	134	979683	58.72	UG/L	71
73) 1,3-DICHLOROBENZENE	9.852	146	2303588	59.93	UG/L	94
74) P-ISOPROPYLTOLUENE	9.913	119	4555188	71.15	UG/L	87
75) 1,4-DICHLOROBENZENE	9.941	146	2271383	58.63	UG/L	95
76) N-BUTYLBENZENE	10.318	91	4180494	71.73	UG/L	89
77) 1,2-DICHLOROBENZENE	10.304	146	2119469	59.24	UG/L	93
78) 1,2-DIBROMO-3-CHLOROPR...	11.076	75	287417	103.45	UG/L	57
79) 1,3,5-TRICHLOROBENZENE	11.288	180	1984674	72.29	UG/L	100
80) 1,2,4-TRICHLOROBENZENE	11.899	180	1779698	72.06	UG/L	95
81) HEXACHLOROBUTADIENE	12.083	225	1364794	105.30	UG/L	91
82) NAPHTHALENE	12.133	128	3603332	48.92	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.376	180	1597029	70.48	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353011.D
Acq On : 19 Dec 2011 9:14 am
Operator : MFF
Sample : 8260 STD 80PPB Inst : GCMSVOA4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 19 09:37:17 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\
Data File : VD353014.D
Acq On : 19 Dec 2011 10:31 am
Operator : MFF
Sample : B0-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 19 10:56:56 2011
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Dec 19 09:57:14 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1680243	30.00	UG/L	0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2205612	30.00	UG/L	0.00
51) CHLOROBENZENE-D5 ISTD	7.624	82	1292322	30.00	UG/L	# 0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1251409	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.331	65	1000841	24.65	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.60%			
34) TOLUENE SS	6.224	98	2216607	25.75	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.00%			
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1066862	24.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.046	85	106026	6.00	UG/L	80
4) CHLOROMETHANE	1.154	50	98531	8.37	UG/L	99
5) VINYL CHLORIDE	1.210	62	85696	7.87	UG/L	97
6) BROMOMETHANE	1.391	94	58643	8.76	UG/L	98
7) CHLOROETHANE	1.453	64	47286	8.28	UG/L	95
8) TRICHLOROFLUOROMETHANE	1.606	101	187045	8.36	UG/L	100
9) DI ETHYL ETHER	1.787	74	40602	10.29	UG/L	89
10) ACETONE	1.974	43	245249	88.54	UG/L	90
11) 1,1-DICHLOROETHENE	1.938	61	156724	9.11	UG/L	89
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	95096	9.28	UG/L	93
13) T-BUTYL ALCOHOL	2.392	59	135324	96.90	UG/L	97
14) ACRYLONITRILE	2.490	53	40140	9.39	UG/L	98
15) METHYLENE CHLORIDE	2.289	49	211845	9.20	UG/L	98
16) CARBON DISULFIDE	2.097	76	230351	9.18	UG/L	100
17) METHYL TERT-BUTYL ETHE...	2.526	73	284321	9.67	UG/L	86
18) TRANS 1,2-DICHLOROETHENE	2.515	61	180247	9.70	UG/L	83
19) 1,1-DICHLOROETHANE	2.908	63	202891	9.67	UG/L	97
20) DI ISOPROPYL ETHER	2.998	45	377596	9.71	UG/L	95
21) 2-BUTANONE	3.533	43	516570	94.45	UG/L	97
22) T-BUTYL ETHYL ETHER	3.377	59	336938	9.09	UG/L	95
23) CIS-1,2-DICHLOROETHENE	3.508	61	206868	9.42	UG/L	84
24) 2,2-DICHLOROPROPANE	3.502	77	196883	9.35	UG/L	83
25) BROMOCHLOROMETHANE	3.745	128	48262	9.47	UG/L	90
26) TETRAHYDROFURAN	3.804	72	9856	9.55	UG/L	77
27) CHLOROFORM	3.840	83	221006	9.55	UG/L	99
28) 1,1,1-TRICHLOROETHANE	4.010	97	231789	9.48	UG/L	97
29) CARBON TETRACHLORIDE	4.183	117	226102	9.76	UG/L	99
30) 1,1-DICHLOROPROPENE	4.186	77	48062	9.52	UG/L	89
31) BENZENE	4.389	78	342515	9.77	UG/L	100
32) T-AMYLMETHYL ETHER	4.520	73	232107	10.05	UG/L	92
35) 1,2-DICHLOROETHANE	4.409	62	225369	10.02	UG/L	89
36) TRICHLOROETHENE	5.031	95	114718	10.15	UG/L	80
37) 1,2-DICHLOROPROPANE	5.248	63	96877	10.11	UG/L	100
38) DIBROMOMETHANE	5.357	93	65063	10.52	UG/L	85
39) 1,4-DIOXANE	5.404	88	10739m	113.41	UG/L	
40) BROMODICHLOROMETHANE	5.527	83	177104	10.03	UG/L	99
41) MIBK	6.135	43	1113928	108.35	UG/L	92
42) CIS-1,3-DICHLOROPROPENE	5.967	75	156719	11.10	UG/L	91
43) TOLUENE	6.288	91	419572	10.08	UG/L	98
44) TRANS-1,3,-DICHLOROPRO...	6.520	75	153120	11.02	UG/L	81
45) 1,1,2-TRICHLOROETHANE	6.690	83	63902	10.07	UG/L	98
46) 2-HEXANONE	6.955	43	809996	107.04	UG/L	95
47) TETRACHLOROETHENE	6.818	166	122321	9.91	UG/L	93

Data Path : Y:\1\DATA\121911\
Data File : VD353014.D
Acq On : 19 Dec 2011 10:31 am
Operator : MFF
Sample : B0-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 14 Sample Multiplier: 1

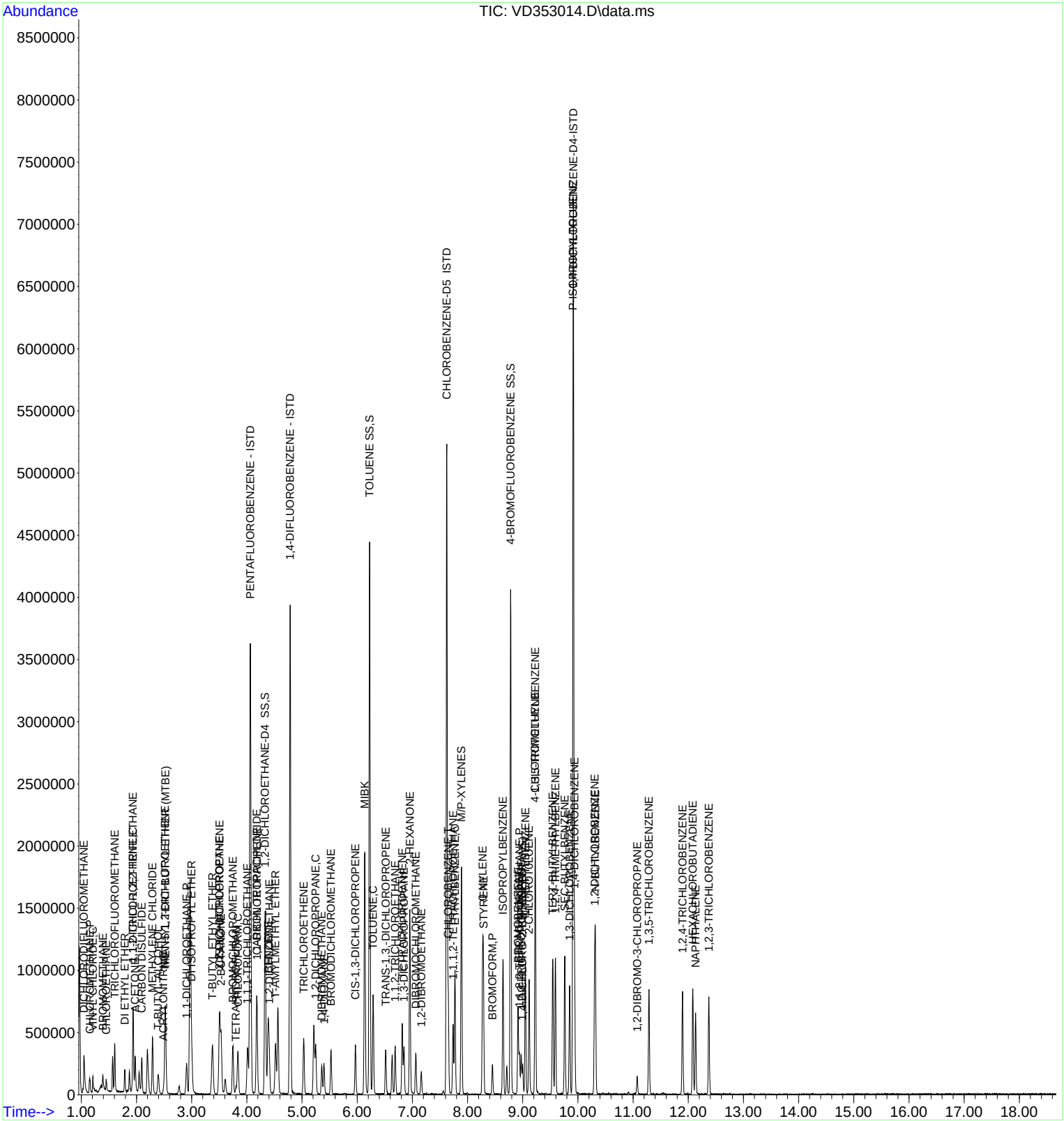
Quant Time: Dec 19 10:56:56 2011
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Dec 19 09:57:14 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,3-DICHLOROPROPANE	6.849	76	144709	10.52	UG/L		97
49) DIBROMOCHLOROMETHANE	7.063	129	132964	10.11	UG/L		99
50) 1,2-DIBROMOETHANE	7.164	107	94899	10.70	UG/L		97
53) CHLOROBENZENE	7.649	112	306517	10.46	UG/L		80
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	130781	10.39	UG/L		93
55) ETHYLBENZENE	7.772	91	546748	10.73	UG/L		91
56) M/P-XYLENES	7.889	91	889312	20.96	UG/L		85
57) 0-XYLENE	8.274	91	446556	10.66	UG/L		85
58) STYRENE	8.290	104	320736	10.94	UG/L		60
59) BROMOFORM	8.452	173	92823	10.36	UG/L		97
60) ISOPROPYLBENZENE	8.642	120	134073	12.53	UG/L		73
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	103044	9.84	UG/L		95
62) 1,4-DICHLORO-2-BUTENE(...	8.996	53	50694	10.40	UG/L	#	24
63) BROMOBENZENE	8.915	77	211686	10.26	UG/L		79
64) 1,2,3-TRICHLOROPROPANE	8.974	110	42567	10.37	UG/L		95
65) N-PROPYLBENZENE	9.049	91	617200	10.74	UG/L		92
66) 2-CHLOROT0LUENE	9.116	91	410165	10.59	UG/L		83
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	496559	10.53	UG/L		87
68) 4-CHLOROTOLUENE	9.225	91	505997	10.93	UG/L		83
70) TERT-BUTYLBENZENE	9.543	119	430247	11.70	UG/L		74
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	490577	10.83	UG/L		87
72) SEC-BUTYLBENZENE	9.763	134	108103	10.82	UG/L		67
73) 1,3-DICHLOROBENZENE	9.849	146	259831	10.51	UG/L		93
74) P-ISOPROPYLTOLUENE	9.911	119	525790	10.88	UG/L		87
75) 1,4-DICHLOROBENZENE	9.939	146	279299	10.41	UG/L		91
76) N-BUTYLBENZENE	10.318	91	495375	11.33	UG/L		88
77) 1,2-DICHLOROBENZENE	10.304	146	249711	10.89	UG/L		93
78) 1,2-DIBROMO-3-CHLOROPR...	11.076	75	31144	10.01	UG/L		52
79) 1,3,5-TRICHLOROBENZENE	11.288	180	200413	9.66	UG/L		98
80) 1,2,4-TRICHLOROBENZENE	11.899	180	198365	11.09	UG/L		97
81) HEXACHLOROBUTADIENE	12.083	225	153420	10.12	UG/L		90
82) NAPHTHALENE	12.133	128	384651	10.10	UG/L		100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	187624	11.10	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\
Data File : VD353014.D
Acq On : 19 Dec 2011 10:31 am
Operator : MFF
Sample : B0-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 19 10:56:56 2011
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Dec 19 09:57:14 2011
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA4	Calibration:	1200015
Lab File ID:	VD030003.D	Calibration Date:	12/19/11 13:10
Sequence:	S001791	Injection Date:	01/30/12
Lab Sample ID:	S001791-CCV1	Injection Time:	05:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	106	4.945467E-02	5.250029E-02		6.2	20	
Acrylonitrile	A	10.0	9.62	7.636126E-02	7.345458E-02		-3.8	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.20	0.412367	0.3791923		-8.0	20	
Benzene	A	10.0	11.0	0.6262204	0.6855143		9.5	20	
Bromobenzene	A	10.0	10.1	0.4789911	0.4834736		0.9	20	
Bromochloromethane	A	10.0	9.97	9.095186E-02	9.068518E-02		-0.3	20	
Bromodichloromethane	A	10.0	7.73	0.2402738	0.1857757		-22.7	20	*
Bromoform	A	10.0	8.75	0.2080039	0.1820633		-12.5	20	
Bromomethane	A	10.0	8.11	0.1195444	9.700792E-02		-18.9	20	
2-Butanone (MEK)	A	100	99.8	9.765588E-02	9.741803E-02		-0.2	20	
tert-Butyl Alcohol (TBA)	A	100	79.6	2.493345E-02	1.985064E-02		-20.4	20	*
n-Butylbenzene	A	10.0	11.1	1.048145	1.163863		11.0	20	
sec-Butylbenzene	A	10.0	11.3	0.2394575	0.2706296		13.0	20	
tert-Butylbenzene	A	10.0	10.6	0.881225	0.9370285		6.3	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.53	0.6615894	0.564399		-14.7	20	
Carbon Disulfide	A	100	106	0.4482548	0.4763481		6.3	20	
Carbon Tetrachloride	A	10.0	7.28	0.41381	0.3010505		-27.2	20	*
Chlorobenzene	A	10.0	10.5	0.6803749	0.7122219		4.7	20	
Chlorodibromomethane	A	10.0	7.84	0.1788214	0.1402267		-21.6	20	*
Chloroethane	A	10.0	8.29	0.1019772	8.454584E-02		-17.1	20	
Chloroform	A	10.0	8.42	0.4133539	0.3478679		-15.8	20	
Chloromethane	A	10.0	9.29	0.2102202	0.1953205		-7.1	20	
2-Chlorotoluene	A	10.0	10.2	0.89902	0.9126791		1.5	20	
4-Chlorotoluene	A	10.0	9.72	1.07432	1.044452		-2.8	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA4	Calibration:	1200015
Lab File ID:	VD030003.D	Calibration Date:	12/19/11 13:10
Sequence:	S001791	Injection Date:	01/30/12
Lab Sample ID:	S001791-CCV1	Injection Time:	05:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.25	7.458566E-02	6.156149E-02		-17.5	20	
1,2-Dibromoethane (EDB)	A	10.0	9.34	0.1206012	0.1125987		-6.6	20	
Dibromomethane	A	10.0	9.12	8.410858E-02	7.672785E-02		-8.8	20	
1,2-Dichlorobenzene	A	10.0	10.8	0.5498972	0.5953435		8.3	20	
1,3-Dichlorobenzene	A	10.0	10.9	0.5927496	0.6472678		9.2	20	
1,4-Dichlorobenzene	A	10.0	9.99	0.6434966	0.6428495		-0.1	20	
trans-1,4-Dichloro-2-butene	A	10.0	8.13	0.1131766	9.202005E-02		-18.7	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	6.66	0.3156581	0.2103426		-33.4	20	*
1,1-Dichloroethane	A	10.0	9.41	0.3744799	0.3524171		-5.9	20	
1,2-Dichloroethane	A	10.0	6.73	0.30598	0.2059002		-32.7	20	*
1,1-Dichloroethylene	A	10.0	8.01	0.3071649	0.2459307		-19.9	20	
cis-1,2-Dichloroethylene	A	10.0	8.54	0.3922364	0.3351657		-14.6	20	
trans-1,2-Dichloroethylene	A	10.0	9.15	0.3316804	0.3034839		-8.5	20	
1,2-Dichloropropane	A	10.0	10.2	0.1303431	0.1325748		1.7	20	
1,3-Dichloropropane	A	10.0	9.54	0.1871463	0.1786241		-4.6	20	
2,2-Dichloropropane	A	10.0	7.57	0.3758858	0.2845989		-24.3	20	*
1,1-Dichloropropene	A	10.0	8.69	9.014687E-02	7.830441E-02		-13.1	20	
cis-1,3-Dichloropropene	A	10.0	9.20	0.1919906	0.1767108		-8.0	20	
trans-1,3-Dichloropropene	A	10.0	8.13	0.1890555	0.1536684		-18.7	20	
Diethyl Ether	A	10.0	9.79	7.047356E-02	0.0689829		-2.1	20	
Diisopropyl Ether (DIPE)	A	10.0	9.08	0.6940967	0.6303756		-9.2	20	
1,4-Dioxane	L	100	107	1.268949E-03	1.381598E-03		7.2	20	
Ethylbenzene	A	10.0	10.5	1.182428	1.24459		5.3	20	
Hexachlorobutadiene	A	10.0	8.54	0.3632662	0.3101023		-14.6	20	
2-Hexanone (MBK)	A	100	90.3	0.102928	9.296927E-02		-9.7	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA4	Calibration:	1200015
Lab File ID:	VD030003.D	Calibration Date:	12/19/11 13:10
Sequence:	S001791	Injection Date:	01/30/12
Lab Sample ID:	S001791-CCV1	Injection Time:	05:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	11.0	0.2483135	0.2736575		10.2	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.65	1.158014	1.117547		-3.5	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	8.83	0.5249381	0.4634734		-11.7	20	
Methylene Chloride	L	10.0	8.13	1.313689	0.3465103		-18.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	84.3	0.1398402	0.117873		-15.7	20	
Naphthalene	L	10.0	10.3	0.7794813	0.9394946		2.7	20	
n-Propylbenzene	A	10.0	11.0	1.333645	1.461572		9.6	20	
Styrene	A	10.0	11.3	0.6803996	0.7677624		12.8	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.20	0.2921112	0.2687396		-8.0	20	
1,1,2,2-Tetrachloroethane	A	10.0	11.7	0.2431925	0.285604		17.4	20	
Tetrachloroethylene	A	10.0	8.74	0.167858	0.146727		-12.6	20	
Tetrahydrofuran	L	10.0	10.1	2.008267E-02	1.871486E-02		1.3	20	
Toluene	A	10.0	9.06	0.5661165	0.5128261		-9.4	20	
1,2,3-Trichlorobenzene	A	10.0	10.7	0.4052096	0.4345904		7.3	20	
1,2,4-Trichlorobenzene	A	10.0	10.6	0.4288333	0.4544574		6.0	20	
1,3,5-Trichlorobenzene	A	10.0	10.5	0.4973016	0.5206169		4.7	20	
1,1,1-Trichloroethane	A	10.0	7.51	0.4365437	0.3278106		-24.9	20	*
1,1,2-Trichloroethane	A	10.0	10.3	8.627726E-02	8.895225E-02		3.1	20	
Trichloroethylene	A	10.0	8.83	0.1537315	0.1357987		-11.7	20	
Trichlorofluoromethane (Freon 11)	A	10.0	7.29	0.3995058	0.2912072		-27.1	20	*
1,2,3-Trichloropropane	A	10.0	9.36	9.527312E-02	8.915397E-02		-6.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	8.14	0.1829331	0.1488869		-18.6	20	
1,2,4-Trimethylbenzene	A	10.0	10.9	1.086057	1.183142		8.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA4	Calibration:	1200015
Lab File ID:	VD030003.D	Calibration Date:	12/19/11 13:10
Sequence:	S001791	Injection Date:	01/30/12
Lab Sample ID:	S001791-CCV1	Injection Time:	05:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.1	1.094985	1.105553		1.0	20
Vinyl Chloride	A	10.0	10.8	0.194492	0.2098605		7.9	20
m+p Xylene	A	20.0	20.1	0.9849334	0.9893455		0.4	20
o-Xylene	A	10.0	10.2	0.9726224	0.9961678		2.4	20
1,2-Dichloroethane-d4	A	25.0	19.8	0.7248535	0.5732289		-20.9	
Toluene-d8	A	25.0	24.6	1.170891	1.154435		-1.4	
4-Bromofluorobenzene	A	25.0	23.5	1.001437	0.9427092		-5.9	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : Y:\1\DATA\013012\
Data File : VD030003.D
Acq On : 30 Jan 2012 5:58 am
Operator : MFF
Sample : S001791-CCV1 @ 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 14:26:18 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1586654	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.782	114	2284529	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1119995	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1068054	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	757930	19.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.08%				
36) TOLUENE SS	6.224	98	2197784	24.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.60%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	879858	23.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.046	85	111247m	6.66	UG/L		
4) CHLOROMETHANE	1.146	50	103302	9.29	UG/L		98
5) VINYL CHLORIDE	1.210	62	110992	10.79	UG/L		100
6) BROMOMETHANE	1.397	94	51306m	8.11	UG/L		
7) CHLOROETHANE	1.455	64	44715	8.29	UG/L		98
8) TRICHLOROFLUOROMETHANE	1.609	101	154015	7.29	UG/L		99
9) DI ETHYL ETHER	1.787	74	36484	9.79	UG/L		86
10) ACETONE	1.977	43	277666	106.16	UG/L		81
11) 1,1-DICHLOROETHENE	1.941	61	130069	8.01	UG/L		93
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	78744	8.14	UG/L		99
13) T-BUTYL ALCOHOL	2.398	59	104987	79.61	UG/L		99
14) ACRYLONITRILE	2.496	53	38849	9.62	UG/L		97
15) METHYL ACETATE	2.217	43	349623	9.15	UG/L		97
16) METHYLENE CHLORIDE	2.292	49	183264	8.13	UG/L		83
17) CARBON DISULFIDE	2.100	76	2519332	106.27	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.526	73	245124	8.83	UG/L		87
19) TRANS 1,2-DICHLOROETHENE	2.518	61	160508	9.15	UG/L		94
20) 1,1-DICHLOROETHANE	2.908	63	186388	9.41	UG/L		98
21) DI ISOPROPYL ETHER	2.995	45	333396	9.08	UG/L		92
22) 2-BUTANONE	3.533	43	515229	99.76	UG/L		89
23) T-BUTYL ETHYL ETHER	3.371	59	298502	8.53	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.502	61	177264	8.54	UG/L		96
25) 2,2-DICHLOROPROPANE	3.502	77	150520	7.57	UG/L		89
26) BROMOCHLOROMETHANE	3.745	128	47962	9.97	UG/L		95
27) TETRAHYDROFURAN	3.804	72	9898	10.13	UG/L		67
28) CHLOROFORM	3.837	83	183982	8.42	UG/L		98
29) 1,1,1-TRICHLOROETHANE	4.013	97	173374	7.51	UG/L		95
30) CYCLOHEXANE	4.066	56	205855	8.29	UG/L	#	91
31) CARBON TETRACHLORIDE	4.180	117	159221	7.28	UG/L		99
32) 1,1-DICHLOROPROPENE	4.183	77	41414	8.69	UG/L		92
33) BENZENE	4.384	78	362558	10.95	UG/L		100
34) T-AMYLMETHYL ETHER	4.520	73	200549	9.20	UG/L		92
37) 1,2-DICHLOROETHANE	4.406	62	156795	6.73	UG/L		95
38) TRICHLOROETHENE	5.028	95	103412	8.83	UG/L		86
39) METHYL CYCLOHEXANE	5.212	83	163689	9.45	UG/L		94
40) 1,2-DICHLOROPROPANE	5.245	63	100957	10.17	UG/L		99
41) DIBROMOMETHANE	5.357	93	58429	9.12	UG/L		86
42) 1,4-DIOXANE	5.418	88	10521m	107.16	UG/L		
43) BROMODICHLOROMETHANE	5.524	83	141470	7.73	UG/L		99
44) MIBK	6.135	43	897614	84.29	UG/L	#	86
45) CIS-1,3-DICHLOROPROPENE	5.968	75	134567	9.20	UG/L		92
46) TOLUENE	6.288	91	390522	9.06	UG/L		99
47) TRANS-1,3,-DICHLOROPRO...	6.514	75	117020	8.13	UG/L		87

Data Path : Y:\1\DATA\013012\
Data File : VD030003.D
Acq On : 30 Jan 2012 5:58 am
Operator : MFF
Sample : S001791-CCV1 @ 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

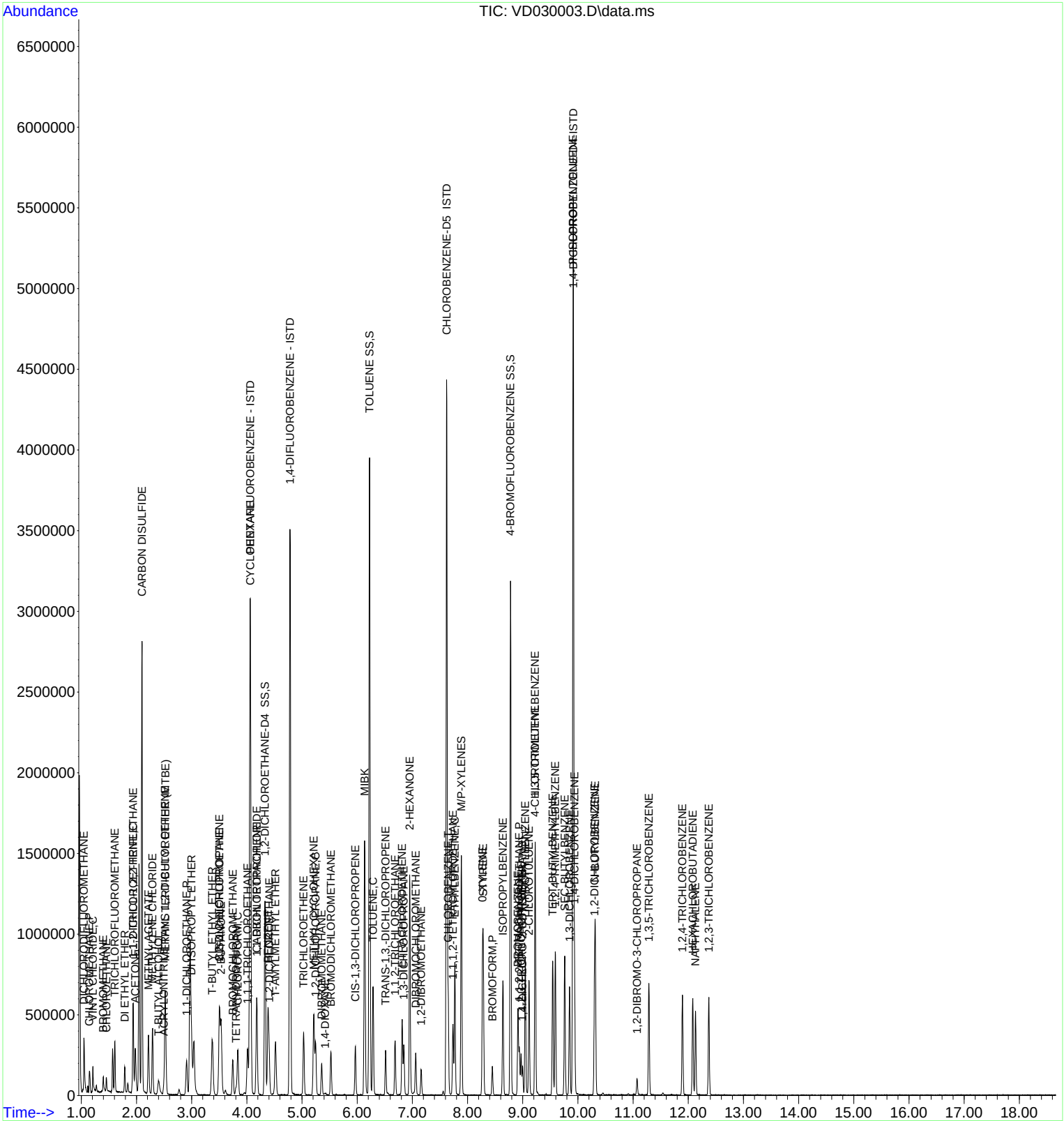
Quant Time: Jan 30 14:26:18 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.687	83	67738	10.31	UG/L	96
49) 2-HEXANONE	6.952	43	707970	90.32	UG/L	82
50) TETRACHLOROETHENE	6.815	166	111734	8.74	UG/L	97
51) 1,3-DICHLOROPROPANE	6.843	76	136024	9.54	UG/L	98
52) DIBROMOCHLOROMETHANE	7.061	129	106784	7.84	UG/L	98
53) 1,2-DIBROMOETHANE	7.161	107	85745	9.34	UG/L	97
56) CHLOROBENZENE	7.649	112	265895	10.47	UG/L	85
57) 1,1,1,2-TETRACHLOROETHANE	7.736	131	100329	9.20	UG/L	99
58) ETHYLBENZENE	7.769	91	464645	10.53	UG/L	95
59) M/P-XYLENES	7.889	91	738708	20.09	UG/L	90
60) 0-XYLENE	8.271	91	371901	10.24	UG/L	89
61) STYRENE	8.285	104	286630	11.28	UG/L	79
62) BROMOFORM	8.449	173	67970	8.75	UG/L	99
63) ISOPROPYLBENZENE	8.642	120	102165	11.02	UG/L	86
64) 1,1,2,2-TETRACHLOROETHANE	8.937	83	106625	11.74	UG/L	98
65) 1,4-DICHLORO-2-BUTENE(...	8.996	53	34354	8.13	UG/L	81
66) BROMOBENZENE	8.912	77	180496	10.09	UG/L	81
67) 1,2,3-TRICHLOROPROPANE	8.974	110	33284	9.36	UG/L	87
68) N-PROPYLBENZENE	9.046	91	545651	10.96	UG/L	94
69) 2-CHLOROT0LUENE	9.113	91	340732	10.15	UG/L	87
70) 1,3,5-TRIMETHYLBENZENE	9.225	105	412738	10.10	UG/L	92
71) 4-CHLOROTOLUENE	9.222	91	389927	9.72	UG/L	89
73) TERT-BUTYLBENZENE	9.543	119	333599	10.63	UG/L	84
74) 1,2,4-TRIMETHYLBENZENE	9.590	105	421220	10.89	UG/L	92
75) SEC-BUTYLBENZENE	9.760	134	96349	11.30	UG/L	75
76) 1,3-DICHLOROBENZENE	9.849	146	230439	10.92	UG/L	96
77) P-ISOPROPYLTOLUENE	9.911	119	397867	9.65	UG/L	92
78) 1,4-DICHLOROBENZENE	9.939	146	228866	9.99	UG/L	91
79) N-BUTYLBENZENE	10.315	91	414356	11.10	UG/L	91
80) 1,2-DICHLOROBENZENE	10.301	146	211953	10.83	UG/L	95
81) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	21917	8.25	UG/L	64
82) 1,3,5-TRICHLOROBENZENE	11.288	180	185349	10.47	UG/L	95
83) 1,2,4-TRICHLOROBENZENE	11.896	180	161795	10.60	UG/L	95
84) HEXACHLOROBUTADIENE	12.083	225	110402	8.54	UG/L	94
85) NAPHTHALENE	12.130	128	334477	10.27	UG/L	100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	154722	10.73	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030003.D
Acq On : 30 Jan 2012 5:58 am
Operator : MFF
Sample : S001791-CCV1 @ 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 14:26:18 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001791	Instrument:	GCMSVOA4
		Calibration:	1200015

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001791-CCV1)			*Lab File ID: VD030003.D*			*Analyzed: 01/30/12 05:58*			
Pentafluorobenzene	1586654	4.063	1508979	4.063	105	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2284529	4.782	2100922	4.785	109	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	1119995	7.621	1203776	7.621	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1068054	9.916	1223896	9.916	87	50 - 200	0.0000	+/-0.50	
LCS (B045245-BS1)			*Lab File ID: VD030004.D*			*Analyzed: 01/30/12 06:24*			
Pentafluorobenzene	1583058	4.063	1586654	4.063	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2317769	4.785	2284529	4.782	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	1124975	7.621	1119995	7.621	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1083097	9.916	1068054	9.916	101	50 - 200	0.0000	+/-0.50	
LCS Dup (B045245-BSD1)			*Lab File ID: VD030005.D*			*Analyzed: 01/30/12 06:49*			
Pentafluorobenzene	1609732	4.063	1586654	4.063	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2371652	4.785	2284529	4.782	104	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	1157972	7.621	1119995	7.621	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1097141	9.919	1068054	9.916	103	50 - 200	0.0030	+/-0.50	
Blank (B045245-BLK1)			*Lab File ID: VD030007.D*			*Analyzed: 01/30/12 07:41*			
Pentafluorobenzene	1613878	4.063	1586654	4.063	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2363506	4.782	2284529	4.782	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1145727	7.621	1119995	7.621	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1074116	9.916	1068054	9.916	101	50 - 200	0.0000	+/-0.50	
FPC-SB01 (12A0882-01)			*Lab File ID: VD030018.D*			*Analyzed: 01/30/12 12:22*			
Pentafluorobenzene	1440124	4.063	1586654	4.063	91	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2122416	4.785	2284529	4.782	93	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	904967	7.621	1119995	7.621	81	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	637972	9.916	1068054	9.916	60	50 - 200	0.0000	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001791	Instrument:	GCMSVOA4
		Calibration:	1200015

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FPC-SB03 (12A0882-04)			*Lab File ID: VD030019.D*			*Analyzed: 01/30/12 12:47*			
Pentafluorobenzene	1500207	4.06	1586654	4.063	95	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	2147082	4.785	2284529	4.782	94	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	934408	7.621	1119995	7.621	83	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	633592	9.916	1068054	9.916	59	50 - 200	0.0000	+/-0.50	
FPC-SB02 (12A0882-02)			*Lab File ID: VD030020.D*			*Analyzed: 01/30/12 13:13*			
Pentafluorobenzene	1449858	4.06	1586654	4.063	91	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	2099007	4.782	2284529	4.782	92	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	901078	7.621	1119995	7.621	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	603450	9.913	1068054	9.916	56	50 - 200	-0.0030	+/-0.50	
FPC-SB02/D (12A0882-03)			*Lab File ID: VD030021.D*			*Analyzed: 01/30/12 13:38*			
Pentafluorobenzene	1447950	4.063	1586654	4.063	91	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2095484	4.785	2284529	4.782	92	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	871167	7.621	1119995	7.621	78	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	560452	9.916	1068054	9.916	52	50 - 200	0.0000	+/-0.50	
Matrix Spike (B045245-MS1)			*Lab File ID: VD030022.D*			*Analyzed: 01/30/12 14:04*			
Pentafluorobenzene	1946022	4.06	1586654	4.063	123	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	3032688	4.782	2284529	4.782	133	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1305521	7.621	1119995	7.621	117	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1003715	9.916	1068054	9.916	94	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B045245-MSD1)			*Lab File ID: VD030023.D*			*Analyzed: 01/30/12 14:29*			
Pentafluorobenzene	1562989	4.063	1586654	4.063	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2271180	4.785	2284529	4.782	99	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	1000374	7.624	1119995	7.621	89	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	741838	9.916	1068054	9.916	69	50 - 200	0.0000	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BLK1	File ID:	VD030007.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 07:41
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone		0.014	0.10	V-16
107-13-1	Acrylonitrile		0.0051	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00070	0.0010	
71-43-2	Benzene		0.00030	0.0020	
108-86-1	Bromobenzene		0.00030	0.0020	
74-97-5	Bromochloromethane		0.00050	0.0020	
75-27-4	Bromodichloromethane		0.00040	0.0020	V-05
75-25-2	Bromoform		0.00040	0.0020	
74-83-9	Bromomethane		0.00090	0.010	
78-93-3	2-Butanone (MEK)		0.0071	0.040	
75-65-0	tert-Butyl Alcohol (TBA)		0.0073	0.040	V-16
104-51-8	n-Butylbenzene		0.00030	0.0020	
135-98-8	sec-Butylbenzene		0.00030	0.0020	
98-06-6	tert-Butylbenzene		0.00030	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00040	0.0010	
75-15-0	Carbon Disulfide		0.00040	0.0060	
56-23-5	Carbon Tetrachloride		0.00050	0.0020	V-05
108-90-7	Chlorobenzene		0.00030	0.0020	
124-48-1	Chlorodibromomethane		0.00040	0.0010	V-05
75-00-3	Chloroethane		0.00050	0.020	R-05
67-66-3	Chloroform		0.00030	0.0040	
74-87-3	Chloromethane		0.00030	0.010	
95-49-8	2-Chlorotoluene		0.00030	0.0020	
106-43-4	4-Chlorotoluene		0.00030	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0014	0.0020	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BLK1	File ID:	VD030007.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 07:41
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00040	0.0010	
74-95-3	Dibromomethane		0.00040	0.0020	
95-50-1	1,2-Dichlorobenzene		0.00030	0.0020	
541-73-1	1,3-Dichlorobenzene		0.00030	0.0020	
106-46-7	1,4-Dichlorobenzene		0.00020	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene		0.00090	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00040	0.020	V-05
75-34-3	1,1-Dichloroethane		0.0011	0.0020	
107-06-2	1,2-Dichloroethane		0.00040	0.0020	L-04, V-05
75-35-4	1,1-Dichloroethylene		0.00050	0.0040	
156-59-2	cis-1,2-Dichloroethylene		0.00030	0.0020	
156-60-5	trans-1,2-Dichloroethylene		0.00040	0.0020	
78-87-5	1,2-Dichloropropane		0.0011	0.0020	
142-28-9	1,3-Dichloropropane		0.00030	0.0010	
594-20-7	2,2-Dichloropropane		0.00080	0.0020	V-05
563-58-6	1,1-Dichloropropene		0.0019	0.0020	
10061-01-5	cis-1,3-Dichloropropene		0.00040	0.0010	
10061-02-6	trans-1,3-Dichloropropene		0.00040	0.0010	
60-29-7	Diethyl Ether		0.00040	0.020	
108-20-3	Diisopropyl Ether (DIPE)		0.00040	0.0010	
123-91-1	1,4-Dioxane		0.016	0.10	V-16
100-41-4	Ethylbenzene		0.00030	0.0020	
87-68-3	Hexachlorobutadiene		0.00040	0.0020	
591-78-6	2-Hexanone (MBK)		0.0061	0.020	
98-82-8	Isopropylbenzene (Cumene)		0.00040	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00030	0.0020	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BLK1	File ID:	VD030007.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 07:41
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00040	0.0040	
75-09-2	Methylene Chloride		0.00060	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0059	0.020	
91-20-3	Naphthalene		0.00030	0.0040	
103-65-1	n-Propylbenzene		0.00030	0.0020	
100-42-5	Styrene		0.00030	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane		0.00030	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane		0.00040	0.0010	
127-18-4	Tetrachloroethylene		0.00050	0.0020	
109-99-9	Tetrahydrofuran		0.0015	0.010	V-16
108-88-3	Toluene		0.00040	0.0020	
87-61-6	1,2,3-Trichlorobenzene		0.00030	0.0020	
120-82-1	1,2,4-Trichlorobenzene		0.00040	0.0020	
108-70-3	1,3,5-Trichlorobenzene		0.00030	0.0020	
71-55-6	1,1,1-Trichloroethane		0.00050	0.0020	V-05
79-00-5	1,1,2-Trichloroethane		0.00030	0.0020	
79-01-6	Trichloroethylene		0.00040	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00050	0.010	V-05
96-18-4	1,2,3-Trichloropropane		0.00080	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00060	0.010	
95-63-6	1,2,4-Trimethylbenzene		0.00030	0.0020	
108-67-8	1,3,5-Trimethylbenzene		0.00040	0.0020	
75-01-4	Vinyl Chloride		0.00050	0.010	
108383/106423	m+p Xylene		0.00070	0.0040	
95-47-6	o-Xylene		0.00040	0.0020	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030007.D
Acq On : 30 Jan 2012 7:41 am
Operator : MFF
Sample : B045245-BLK1 Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

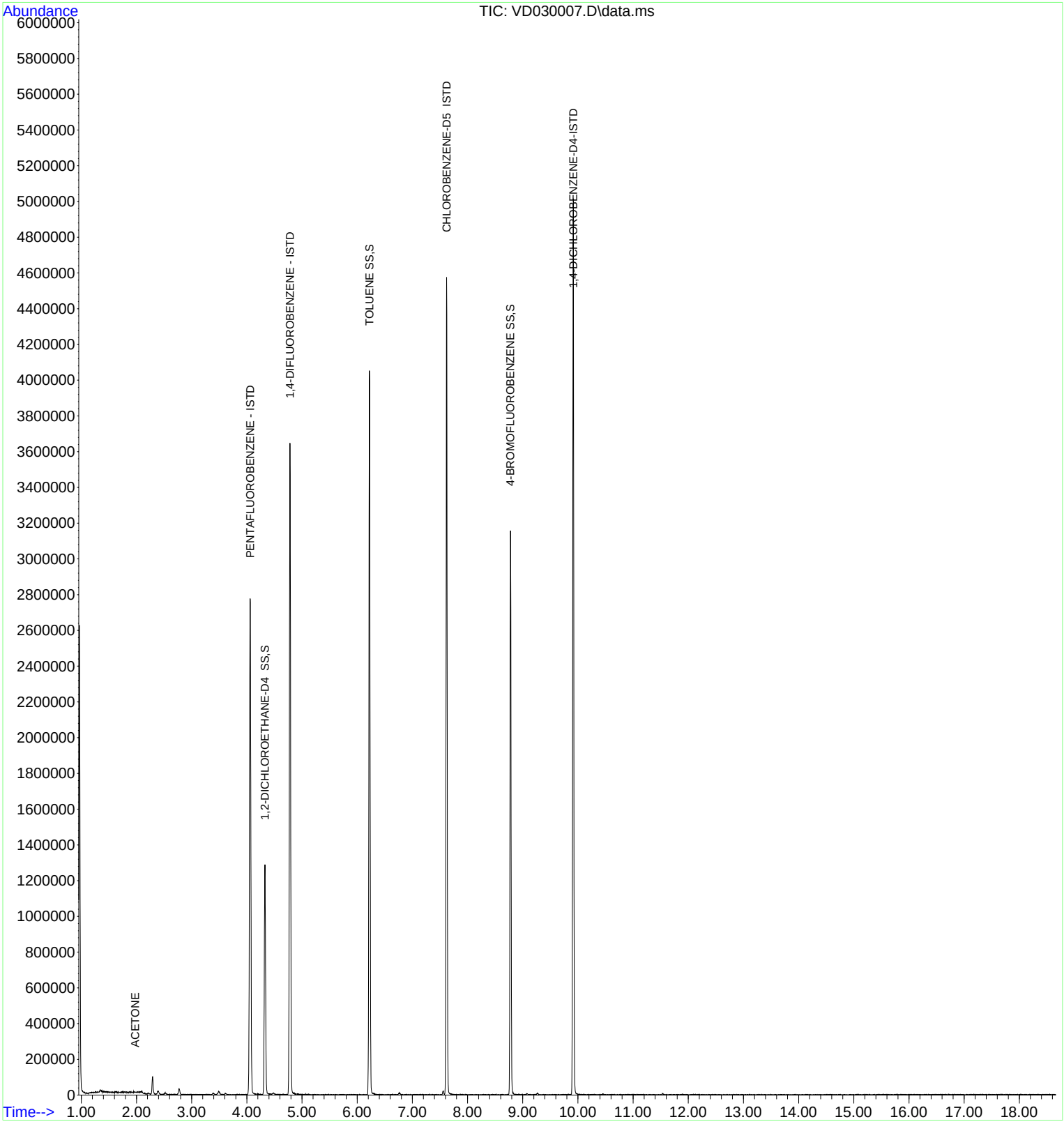
Quant Time: Jan 30 08:00:56 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

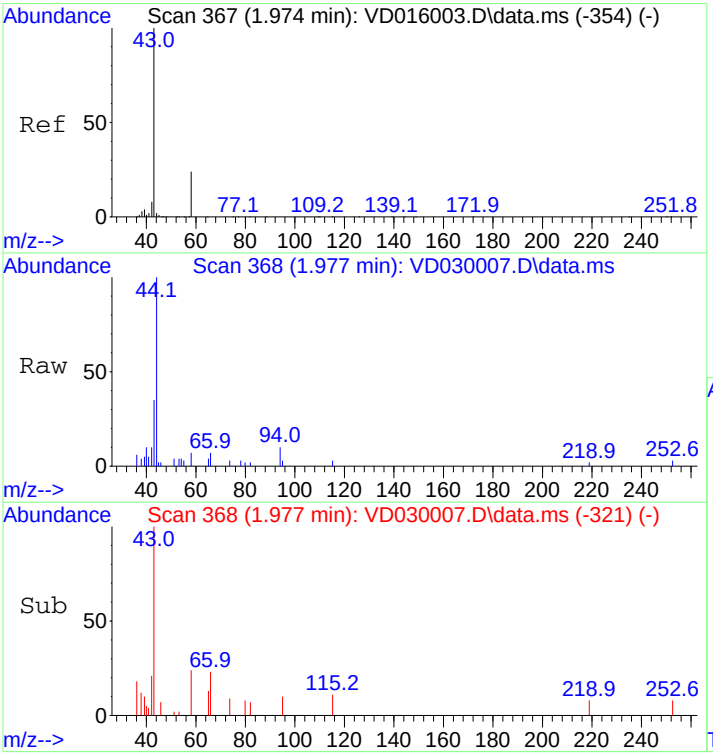
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1613878	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.782	114	2363506	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1145727	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1074116	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	794104	20.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.44%				
36) TOLUENE SS	6.221	98	2208373	23.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.76%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	886952	23.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.76%				
Target Compounds							Qvalue
10) ACETONE	1.977	43	1795	0.67	UG/L		76
16) METHYLENE CHLORIDE	2.289	49	43044	Below Cal			80
30) CYCLOHEXANE	4.057	56	32149	Below Cal		#	56

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030007.D
Acq On : 30 Jan 2012 7:41 am
Operator : MFF
Sample : B045245-BLK1 Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 08:00:56 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

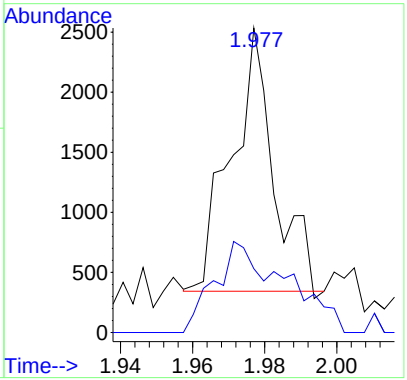


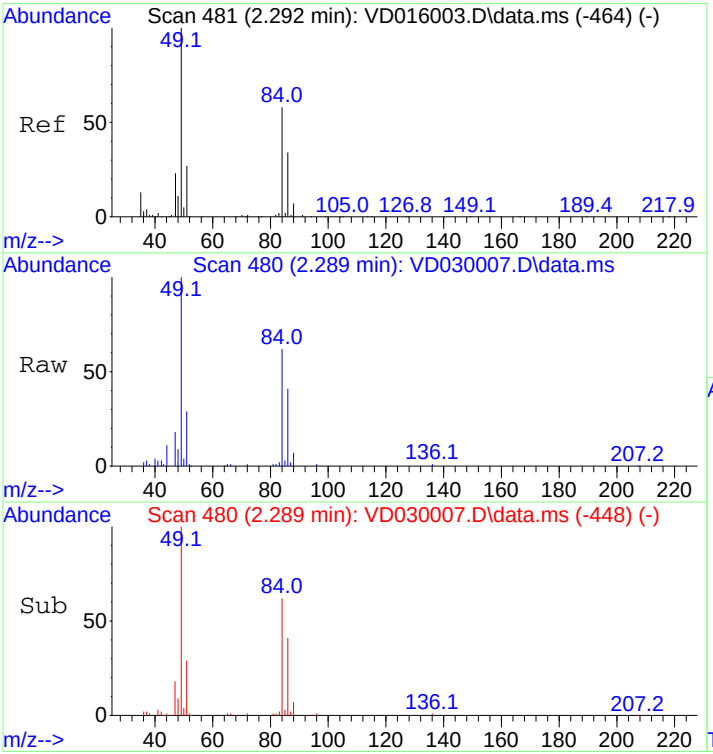


#10
ACETONE
Concen: 0.67 UG/L
RT: 1.977 min Scan# 368
Delta R.T. 0.001 min
Lab File: VD030007.D
Acq: 30 Jan 2012 7:41 am

Tgt Ion: 43 Resp: 1795

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	46.6

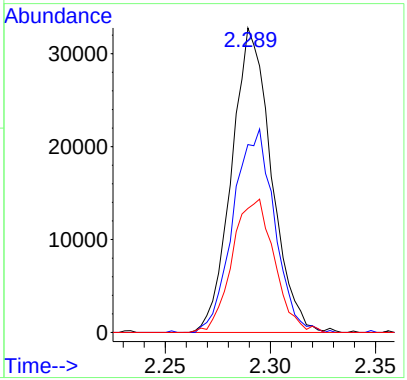


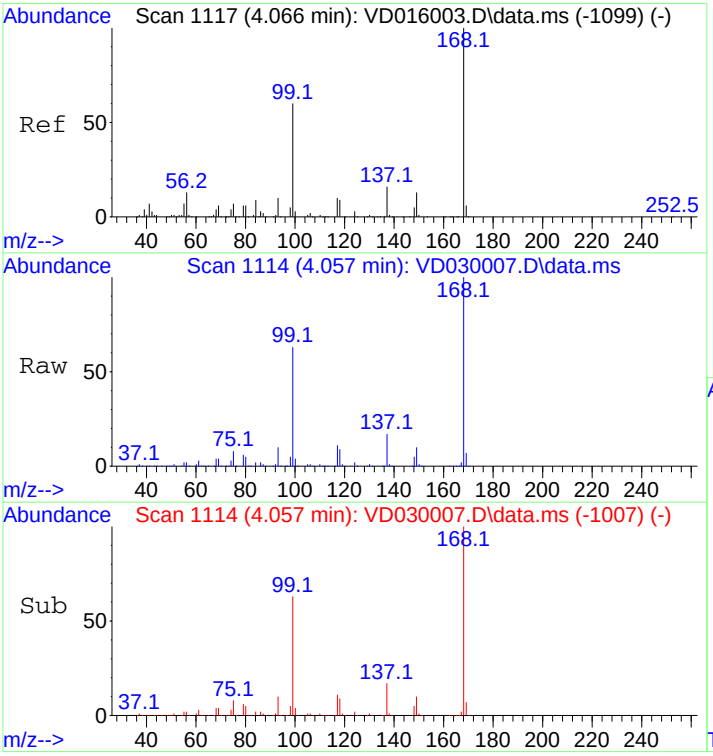


#16
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.289 min Scan# 480
Delta R.T. -0.002 min
Lab File: VD030007.D
Acq: 30 Jan 2012 7:41 am

Tgt Ion: 49 Resp: 43044

Ion	Ratio	Lower	Upper
49	100		
84	69.4	0.0	163.8
86	46.3	0.0	105.9

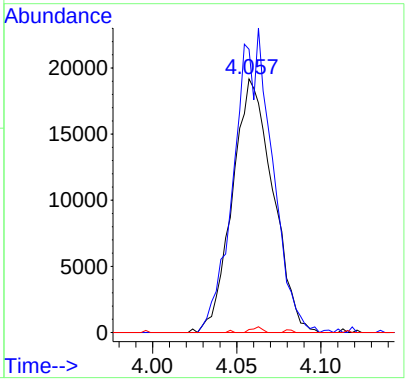




#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.057 min Scan# 1114
Delta R.T. -0.003 min
Lab File: VD030007.D
Acq: 30 Jan 2012 7:41 am

Tgt Ion: 56 Resp: 32149

Ion	Ratio	Lower	Upper
56	100		
84	61.7	64.5	96.7#
41	0.0	44.6	67.0#



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BS1	File ID:	VD030004.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:24
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.187	0.014	0.10	V-16
107-13-1	Acrylonitrile	0.0176	0.0051	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0189	0.00070	0.0010	
71-43-2	Benzene	0.0226	0.00030	0.0020	
108-86-1	Bromobenzene	0.0198	0.00030	0.0020	
74-97-5	Bromochloromethane	0.0208	0.00050	0.0020	
75-27-4	Bromodichloromethane	0.0148	0.00040	0.0020	V-05
75-25-2	Bromoform	0.0168	0.00040	0.0020	
74-83-9	Bromomethane	0.0127	0.00090	0.010	
78-93-3	2-Butanone (MEK)	0.179	0.0071	0.040	
75-65-0	tert-Butyl Alcohol (TBA)	0.141	0.0073	0.040	V-16
104-51-8	n-Butylbenzene	0.0219	0.00030	0.0020	
135-98-8	sec-Butylbenzene	0.0229	0.00030	0.0020	
98-06-6	tert-Butylbenzene	0.0215	0.00030	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0157	0.00040	0.0010	
75-15-0	Carbon Disulfide	0.0210	0.00040	0.0060	
56-23-5	Carbon Tetrachloride	0.0151	0.00050	0.0020	V-05
108-90-7	Chlorobenzene	0.0215	0.00030	0.0020	
124-48-1	Chlorodibromomethane	0.0149	0.00040	0.0010	V-05
75-00-3	Chloroethane	0.0165	0.00050	0.020	R-05
67-66-3	Chloroform	0.0174	0.00030	0.0040	
74-87-3	Chloromethane	0.0203	0.00030	0.010	
95-49-8	2-Chlorotoluene	0.0205	0.00030	0.0020	
106-43-4	4-Chlorotoluene	0.0199	0.00030	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0157	0.0014	0.0020	
106-93-4	1,2-Dibromoethane (EDB)	0.0186	0.00040	0.0010	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BS1	File ID:	VD030004.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:24
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0179	0.00040	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0216	0.00030	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0219	0.00030	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0199	0.00020	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0155	0.00090	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0155	0.00040	0.020	V-05
75-34-3	1,1-Dichloroethane	0.0195	0.0011	0.0020	
107-06-2	1,2-Dichloroethane	0.0132	0.00040	0.0020	V-05, L-04
75-35-4	1,1-Dichloroethylene	0.0160	0.00050	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0172	0.00030	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0189	0.00040	0.0020	
78-87-5	1,2-Dichloropropane	0.0204	0.0011	0.0020	
142-28-9	1,3-Dichloropropane	0.0187	0.00030	0.0010	
594-20-7	2,2-Dichloropropane	0.0152	0.00080	0.0020	V-05
563-58-6	1,1-Dichloropropene	0.0185	0.0019	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0183	0.00040	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0179	0.00040	0.0010	
60-29-7	Diethyl Ether	0.0206	0.00040	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0180	0.00040	0.0010	
123-91-1	1,4-Dioxane	0.173	0.016	0.10	V-16
100-41-4	Ethylbenzene	0.0215	0.00030	0.0020	
87-68-3	Hexachlorobutadiene	0.0174	0.00040	0.0020	
591-78-6	2-Hexanone (MBK)	0.155	0.0061	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0260	0.00040	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0198	0.00030	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0170	0.00040	0.0040	

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ANALYSIS DATA SHEET

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Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BS1	File ID:	VD030004.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:24
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0166	0.00060	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.151	0.0059	0.020	
91-20-3	Naphthalene	0.0196	0.00030	0.0040	
103-65-1	n-Propylbenzene	0.0219	0.00030	0.0020	
100-42-5	Styrene	0.0229	0.00030	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0183	0.00030	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0224	0.00040	0.0010	
127-18-4	Tetrachloroethylene	0.0179	0.00050	0.0020	
109-99-9	Tetrahydrofuran	0.0213	0.0015	0.010	V-16
108-88-3	Toluene	0.0184	0.00040	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0211	0.00030	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0211	0.00040	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0205	0.00030	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0148	0.00050	0.0020	V-05
79-00-5	1,1,2-Trichloroethane	0.0197	0.00030	0.0020	
79-01-6	Trichloroethylene	0.0182	0.00040	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0142	0.00050	0.010	V-05
96-18-4	1,2,3-Trichloropropane	0.0186	0.00080	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0167	0.00060	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0213	0.00030	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0200	0.00040	0.0020	
75-01-4	Vinyl Chloride	0.0195	0.00050	0.010	
108383/106423	m+p Xylene	0.0410	0.00070	0.0040	
95-47-6	o-Xylene	0.0206	0.00040	0.0020	

Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1583058	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2317769	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1124975	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1083097	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	762506	19.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.76%				
36) TOLUENE SS	6.224	98	2186778	24.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.68%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	893795	23.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.20%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	129255m	7.76	UG/L		
4) CHLOROMETHANE	1.151	50	112740	10.16	UG/L		98
5) VINYL CHLORIDE	1.210	62	99864	9.73	UG/L		98
6) BROMOMETHANE	1.394	94	39970	6.34	UG/L		97
7) CHLOROETHANE	1.452	64	44458	8.26	UG/L		100
8) TRICHLOROFLUOROMETHANE	1.606	101	149851	7.11	UG/L		99
9) DI ETHYL ETHER	1.787	74	38350	10.31	UG/L		86
10) ACETONE	1.977	43	244452	93.67	UG/L		80
11) 1,1-DICHLOROETHENE	1.940	61	129598	8.00	UG/L		93
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	80571	8.35	UG/L		100
13) T-BUTYL ALCOHOL	2.398	59	92526	70.32	UG/L	#	96
14) ACRYLONITRILE	2.501	53	35547	8.82	UG/L		98
15) METHYL ACETATE	2.217	43	90438	2.37	UG/L		98
16) METHYLENE CHLORIDE	2.289	49	185393	8.29	UG/L		84
17) CARBON DISULFIDE	2.097	76	247838	10.48	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.529	73	235427	8.50	UG/L		86
19) TRANS 1,2-DICHLOROETHENE	2.518	61	165247	9.44	UG/L		96
20) 1,1-DICHLOROETHANE	2.908	63	193016	9.77	UG/L		98
21) DI ISOPROPYL ETHER	2.997	45	329360	8.99	UG/L		89
22) 2-BUTANONE	3.533	43	461447	89.55	UG/L		89
23) T-BUTYL ETHYL ETHER	3.377	59	273441	7.83	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.505	61	177543	8.58	UG/L		95
25) 2,2-DICHLOROPROPANE	3.505	77	151077	7.62	UG/L		89
26) BROMOCHLOROMETHANE	3.748	128	50025	10.42	UG/L		92
27) TETRAHYDROFURAN	3.803	72	10425	10.67	UG/L		59
28) CHLOROFORM	3.837	83	189524	8.69	UG/L		97
29) 1,1,1-TRICHLOROETHANE	4.010	97	170986	7.42	UG/L		97
30) CYCLOHEXANE	4.068	56	217627	8.90	UG/L	#	91
31) CARBON TETRACHLORIDE	4.177	117	164792	7.55	UG/L		99
32) 1,1-DICHLOROPROPENE	4.183	77	43909	9.23	UG/L		92
33) BENZENE	4.383	78	373038	11.29	UG/L		100
34) T-AMYLMETHYL ETHER	4.523	73	205969	9.47	UG/L		91
37) 1,2-DICHLOROETHANE	4.406	62	155635	6.58	UG/L		96
38) TRICHLOROETHENE	5.030	95	107922	9.09	UG/L		84
39) METHYL CYCLOHEXANE	5.214	83	172622	9.82	UG/L		93
40) 1,2-DICHLOROPROPANE	5.248	63	102779	10.21	UG/L		99
41) DIBROMOMETHANE	5.357	93	58136	8.95	UG/L		88
42) 1,4-DIOXANE	5.412	88	8665	86.63	UG/L	#	1
43) BROMODICHLOROMETHANE	5.524	83	137668	7.42	UG/L		99
44) MIBK	6.135	43	814290	75.37	UG/L	#	86
45) CIS-1,3-DICHLOROPROPENE	5.967	75	136069	9.17	UG/L		93
46) TOLUENE	6.285	91	403372	9.22	UG/L		100
47) TRANS-1,3,-DICHLOROPRO...	6.517	75	131005	8.97	UG/L		87

Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.687	83	65709	9.86	UG/L	96
49) 2-HEXANONE	6.954	43	616020	77.47	UG/L	80
50) TETRACHLOROETHENE	6.818	166	116286	8.97	UG/L	98
51) 1,3-DICHLOROPROPANE	6.846	76	135284	9.36	UG/L	100
52) DIBROMOCHLOROMETHANE	7.063	129	102854	7.44	UG/L	99
53) 1,2-DIBROMOETHANE	7.161	107	86692	9.30	UG/L	99
56) CHLOROBENZENE	7.649	112	274067	10.74	UG/L	86
57) 1,1,1,2-TETRACHLOROETHANE	7.732	131	100039	9.13	UG/L	98
58) ETHYLBENZENE	7.769	91	476583	10.75	UG/L	94
59) M/P-XYLENES	7.889	91	756795	20.49	UG/L	92
60) 0-XYLENE	8.273	91	376222	10.32	UG/L	91
61) STYRENE	8.287	104	291841	11.44	UG/L	79
62) BROMOFORM	8.452	173	65424	8.39	UG/L	99
63) ISOPROPYLBENZENE	8.639	120	121189	13.01	UG/L	84
64) 1,1,2,2-TETRACHLOROETHANE	8.937	83	101927	11.18	UG/L	99
65) 1,4-DICHLORO-2-BUTENE(...	9.001	53	32814m	7.73	UG/L	
66) BROMOBENZENE	8.915	77	177566	9.89	UG/L	81
67) 1,2,3-TRICHLOROPROPANE	8.971	110	33215	9.30	UG/L	95
68) N-PROPYLBENZENE	9.046	91	548480	10.97	UG/L	95
69) 2-CHLOROT0LUENE	9.116	91	344813	10.23	UG/L	88
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	411254	10.02	UG/L	91
71) 4-CHLOROTOLUENE	9.224	91	401533	9.97	UG/L	88
73) TERT-BUTYLBENZENE	9.542	119	342444	10.76	UG/L	84
74) 1,2,4-TRIMETHYLBENZENE	9.590	105	416892	10.63	UG/L	92
75) SEC-BUTYLBENZENE	9.760	134	99058	11.46	UG/L	78
76) 1,3-DICHLOROBENZENE	9.846	146	234675	10.97	UG/L	95
77) P-ISOPROPYLTOLUENE	9.910	119	413700	9.90	UG/L	91
78) 1,4-DICHLOROBENZENE	9.938	146	231290	9.96	UG/L	93
79) N-BUTYLBENZENE	10.315	91	415008	10.97	UG/L	92
80) 1,2-DICHLOROBENZENE	10.301	146	214759	10.82	UG/L	95
81) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	21155	7.86	UG/L	63
82) 1,3,5-TRICHLOROBENZENE	11.288	180	184059	10.25	UG/L	95
83) 1,2,4-TRICHLOROBENZENE	11.893	180	163524	10.56	UG/L	96
84) HEXACHLOROBUTADIENE	12.086	225	114198	8.71	UG/L	92
85) NAPHTHALENE	12.133	128	322394	9.81	UG/L	100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	154340	10.55	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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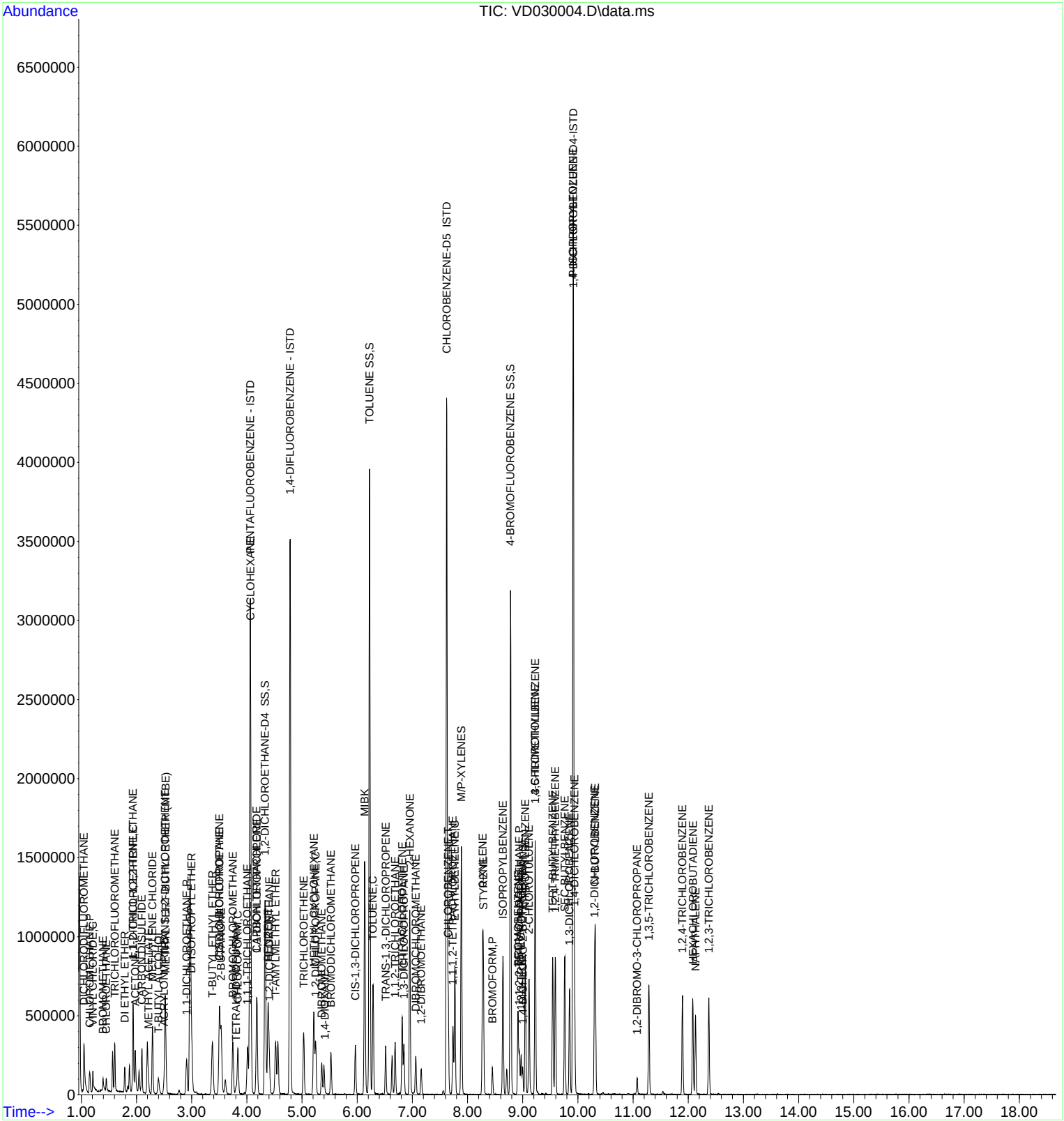
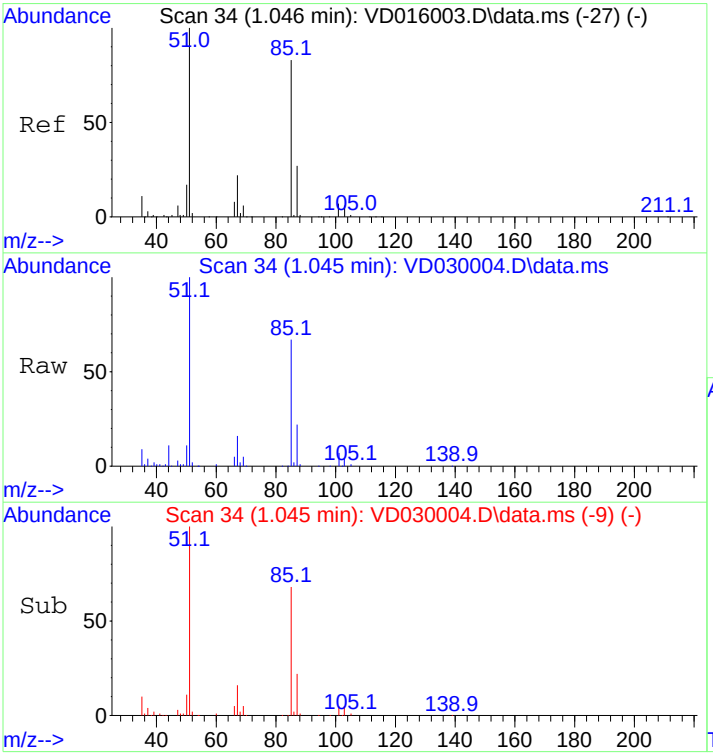
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

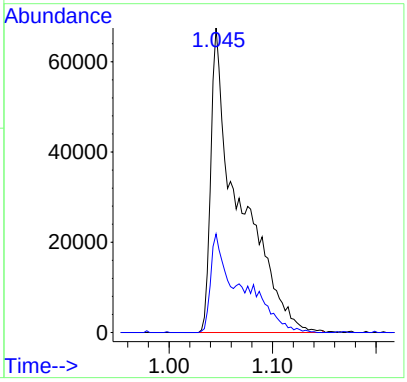


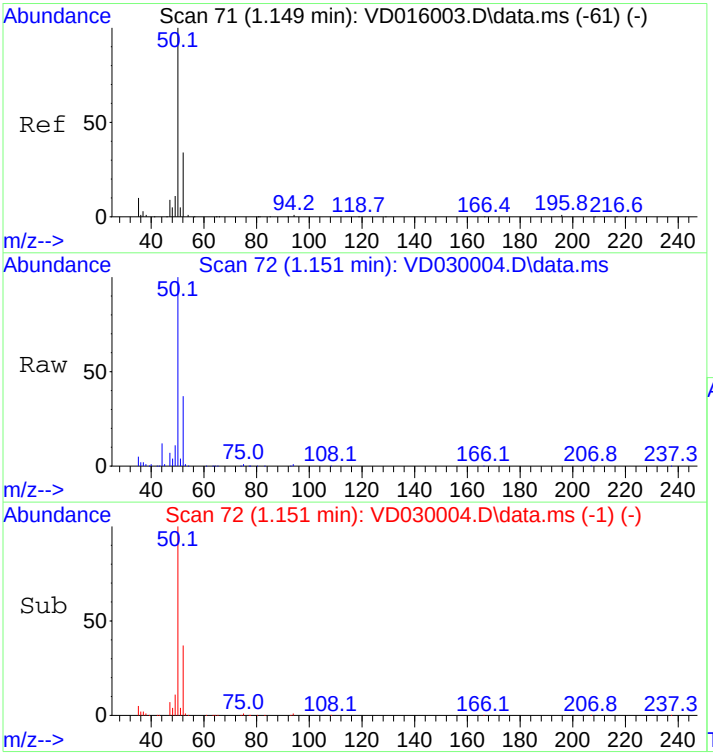


#3
DICHLORODIFLUOROMETHANE
Concen: 7.76 UG/L m
RT: 1.045 min Scan# 34
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 85 Resp: 129255

Ion	Ratio	Lower	Upper
85	100		
87	17.7	0.0	63.6

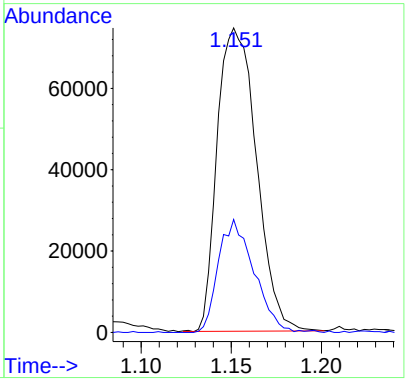


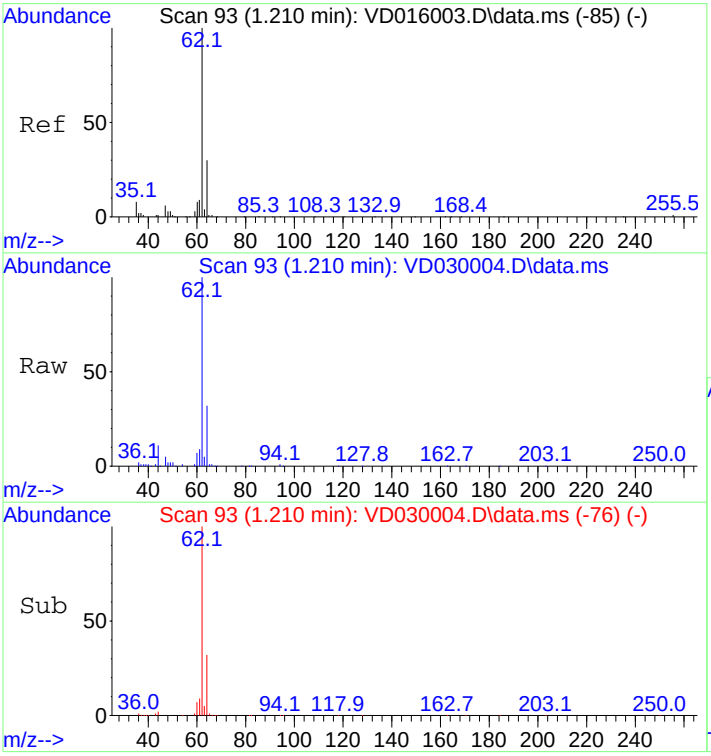


#4
CHLOROMETHANE
Concen: 10.16 UG/L
RT: 1.151 min Scan# 72
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 50 Resp: 112740

Ion	Ratio	Lower	Upper
50	100		
52	33.7	0.0	65.2

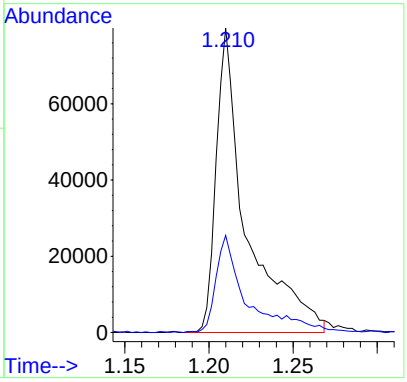


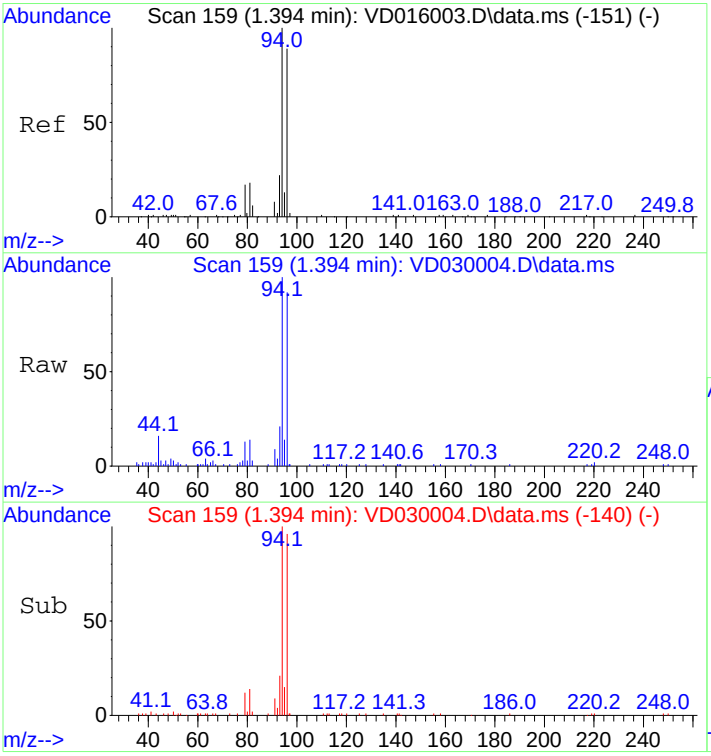


#5
VINYL CHLORIDE
Concen: 9.73 UG/L
RT: 1.210 min Scan# 93
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 62 Resp: 99864

Ion	Ratio	Lower	Upper
62	100		
64	32.1	0.0	62.2

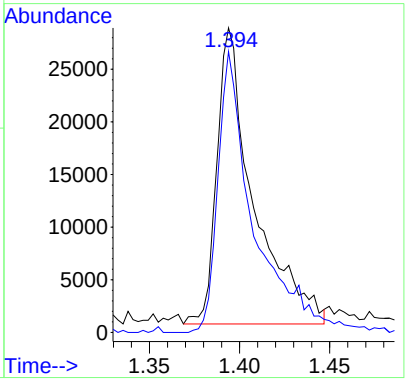


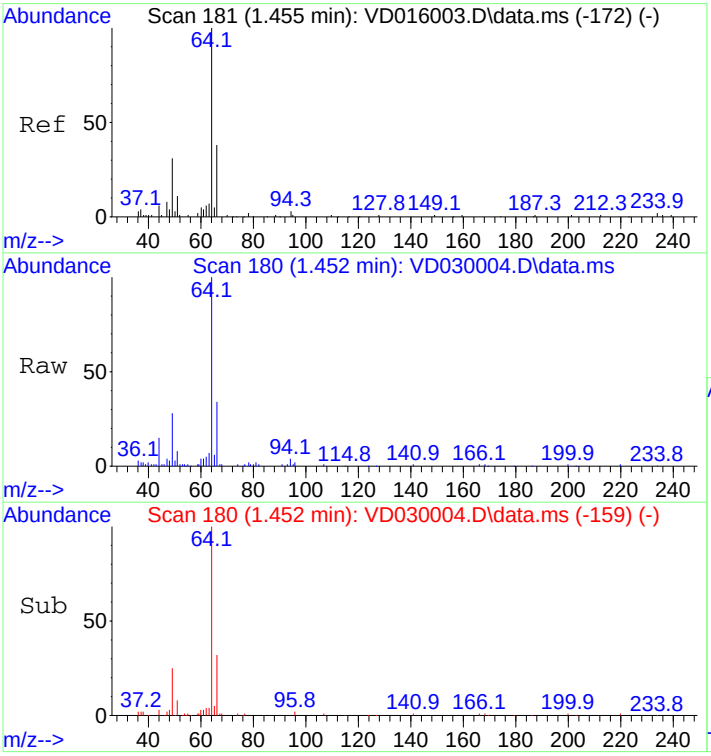


#6
BROMOMETHANE
Concen: 6.34 UG/L
RT: 1.394 min Scan# 159
Delta R.T. 0.001 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 94 Resp: 39970

Ion	Ratio	Lower	Upper
94	100		
96	92.8	0.0	191.0

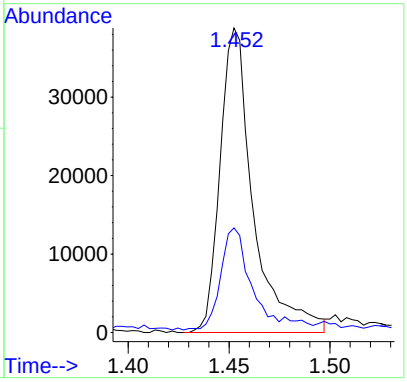


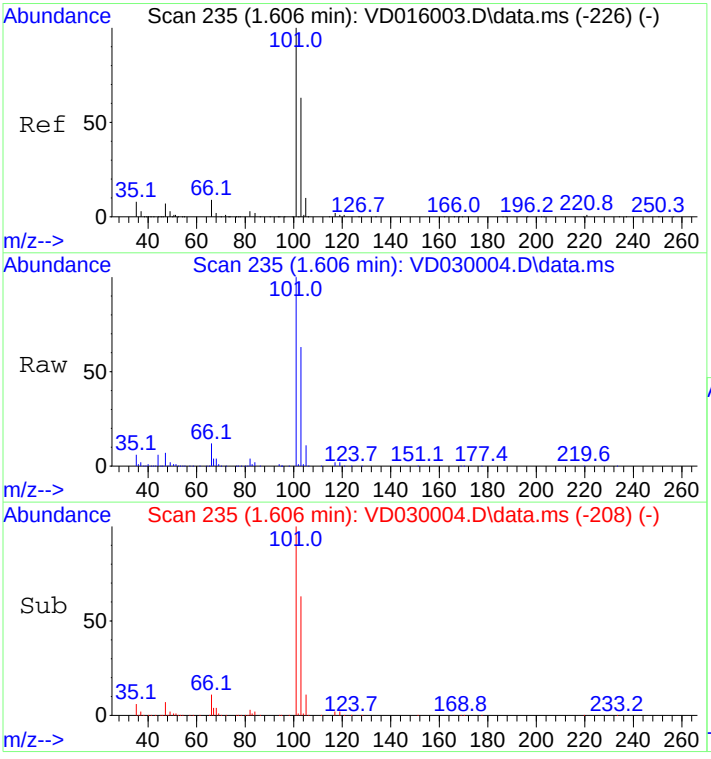


#7
CHLOROETHANE
Concen: 8.26 UG/L
RT: 1.452 min Scan# 180
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 64 Resp: 44458

Ion	Ratio	Lower	Upper
64	100		
66	32.1	0.0	64.0

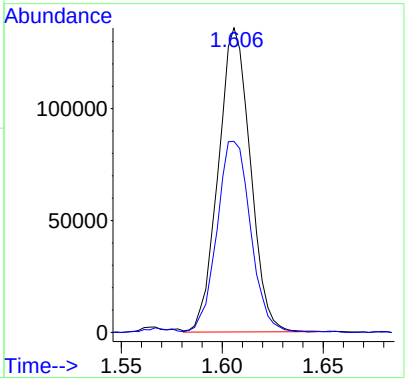


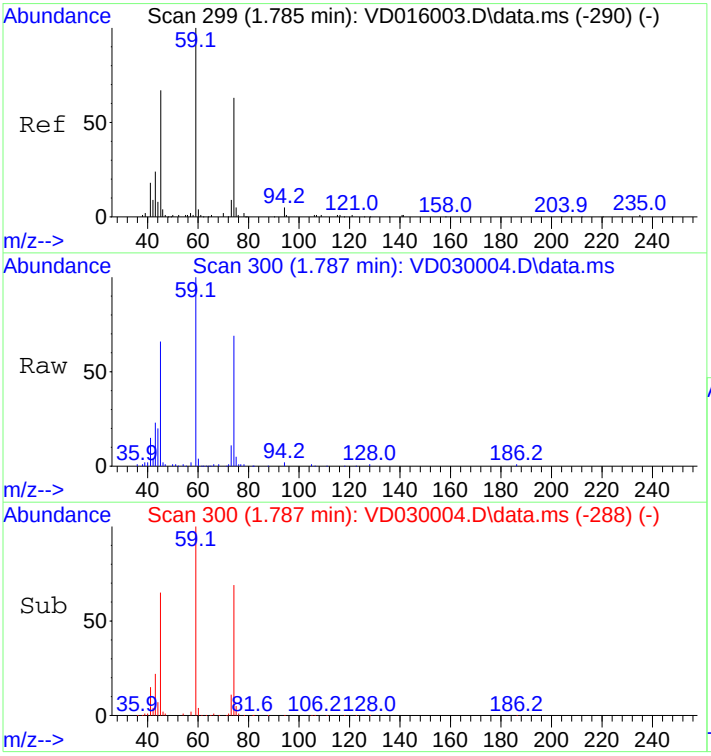


#8
TRICHLOROFLUOROMETHANE
Concen: 7.11 UG/L
RT: 1.606 min Scan# 235
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion:101 Resp: 149851

Ion	Ratio	Lower	Upper
101	100		
103	65.6	0.0	130.2

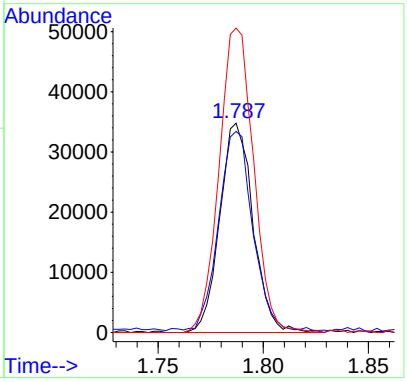


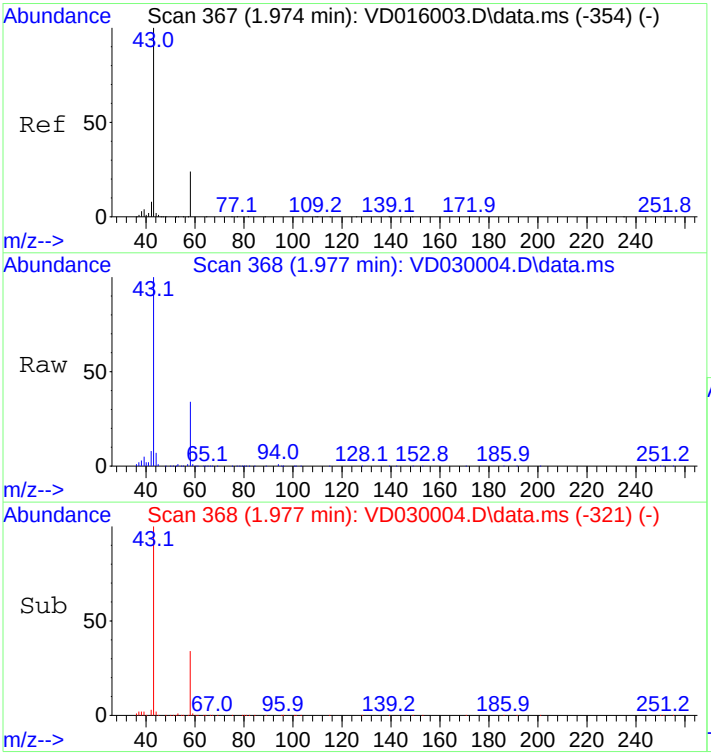


#9
DI ETHYL ETHER
Concen: 10.31 UG/L
RT: 1.787 min Scan# 300
Delta R.T. -0.002 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 74 Resp: 38350

Ion	Ratio	Lower	Upper
74	100		
45	95.8	0.0	254.6
59	150.5	0.0	296.2

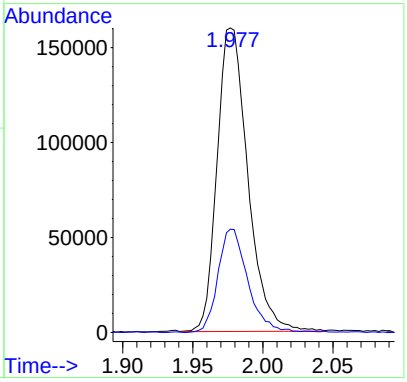




#10
ACETONE
Concen: 93.67 UG/L
RT: 1.977 min Scan# 368
Delta R.T. 0.001 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 43 Resp: 244452

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	46.6



Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1583058	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2317769	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1124975	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1083097	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	762506	19.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.76%				
36) TOLUENE SS	6.224	98	2186778	24.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.68%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	893795	23.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.20%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	129255m	7.76	UG/L		
4) CHLOROMETHANE	1.151	50	112740	10.16	UG/L		98
5) VINYL CHLORIDE	1.210	62	99864	9.73	UG/L		98
6) BROMOMETHANE	1.394	94	39970	6.34	UG/L		97
7) CHLOROETHANE	1.452	64	44458	8.26	UG/L		100
8) TRICHLOROFLUOROMETHANE	1.606	101	149851	7.11	UG/L		99
9) DI ETHYL ETHER	1.787	74	38350	10.31	UG/L		86
10) ACETONE	1.977	43	244452	93.67	UG/L		80
11) 1,1-DICHLOROETHENE	1.940	61	129598	8.00	UG/L		93
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	80571	8.35	UG/L		100
13) T-BUTYL ALCOHOL	2.398	59	92526	70.32	UG/L	#	96
14) ACRYLONITRILE	2.501	53	35547	8.82	UG/L		98
15) METHYL ACETATE	2.217	43	90438	2.37	UG/L		98
16) METHYLENE CHLORIDE	2.289	49	185393	8.29	UG/L		84
17) CARBON DISULFIDE	2.097	76	247838	10.48	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.529	73	235427	8.50	UG/L		86
19) TRANS 1,2-DICHLOROETHENE	2.518	61	165247	9.44	UG/L		96
20) 1,1-DICHLOROETHANE	2.908	63	193016	9.77	UG/L		98
21) DI ISOPROPYL ETHER	2.997	45	329360	8.99	UG/L		89
22) 2-BUTANONE	3.533	43	461447	89.55	UG/L		89
23) T-BUTYL ETHYL ETHER	3.377	59	273441	7.83	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.505	61	177543	8.58	UG/L		95
25) 2,2-DICHLOROPROPANE	3.505	77	151077	7.62	UG/L		89
26) BROMOCHLOROMETHANE	3.748	128	50025	10.42	UG/L		92
27) TETRAHYDROFURAN	3.803	72	10425	10.67	UG/L		59
28) CHLOROFORM	3.837	83	189524	8.69	UG/L		97
29) 1,1,1-TRICHLOROETHANE	4.010	97	170986	7.42	UG/L		97
30) CYCLOHEXANE	4.068	56	217627	8.90	UG/L	#	91
31) CARBON TETRACHLORIDE	4.177	117	164792	7.55	UG/L		99
32) 1,1-DICHLOROPROPENE	4.183	77	43909	9.23	UG/L		92
33) BENZENE	4.383	78	373038	11.29	UG/L		100
34) T-AMYLMETHYL ETHER	4.523	73	205969	9.47	UG/L		91
37) 1,2-DICHLOROETHANE	4.406	62	155635	6.58	UG/L		96
38) TRICHLOROETHENE	5.030	95	107922	9.09	UG/L		84
39) METHYL CYCLOHEXANE	5.214	83	172622	9.82	UG/L		93
40) 1,2-DICHLOROPROPANE	5.248	63	102779	10.21	UG/L		99
41) DIBROMOMETHANE	5.357	93	58136	8.95	UG/L		88
42) 1,4-DIOXANE	5.412	88	8665	86.63	UG/L	#	1
43) BROMODICHLOROMETHANE	5.524	83	137668	7.42	UG/L		99
44) MIBK	6.135	43	814290	75.37	UG/L	#	86
45) CIS-1,3-DICHLOROPROPENE	5.967	75	136069	9.17	UG/L		93
46) TOLUENE	6.285	91	403372	9.22	UG/L		100
47) TRANS-1,3,-DICHLOROPRO...	6.517	75	131005	8.97	UG/L		87

Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

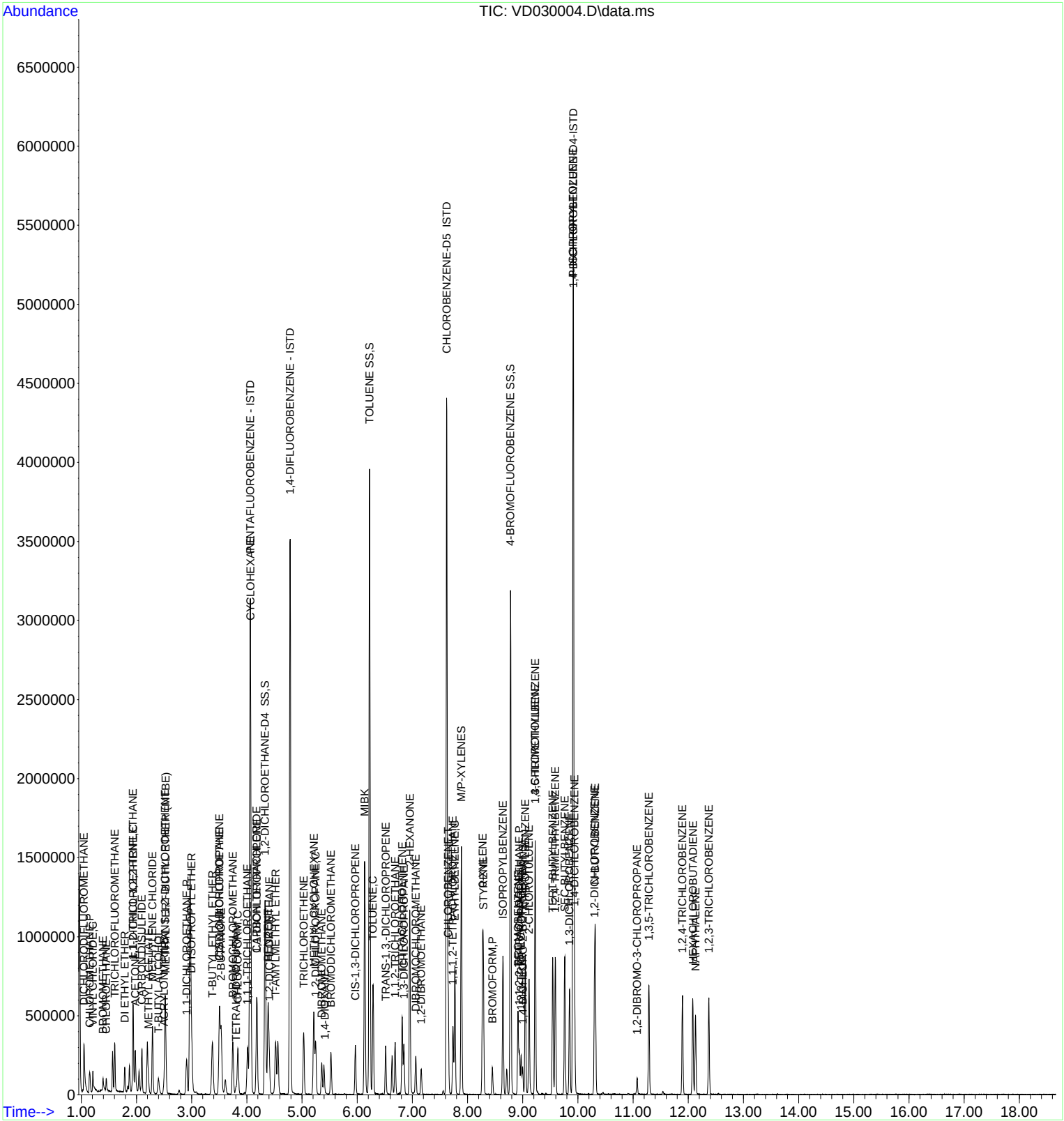
Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.687	83	65709	9.86	UG/L	96
49) 2-HEXANONE	6.954	43	616020	77.47	UG/L	80
50) TETRACHLOROETHENE	6.818	166	116286	8.97	UG/L	98
51) 1,3-DICHLOROPROPANE	6.846	76	135284	9.36	UG/L	100
52) DIBROMOCHLOROMETHANE	7.063	129	102854	7.44	UG/L	99
53) 1,2-DIBROMOETHANE	7.161	107	86692	9.30	UG/L	99
56) CHLOROBENZENE	7.649	112	274067	10.74	UG/L	86
57) 1,1,1,2-TETRACHLOROETHANE	7.732	131	100039	9.13	UG/L	98
58) ETHYLBENZENE	7.769	91	476583	10.75	UG/L	94
59) M/P-XYLENES	7.889	91	756795	20.49	UG/L	92
60) 0-XYLENE	8.273	91	376222	10.32	UG/L	91
61) STYRENE	8.287	104	291841	11.44	UG/L	79
62) BROMOFORM	8.452	173	65424	8.39	UG/L	99
63) ISOPROPYLBENZENE	8.639	120	121189	13.01	UG/L	84
64) 1,1,2,2-TETRACHLOROETHANE	8.937	83	101927	11.18	UG/L	99
65) 1,4-DICHLORO-2-BUTENE(...	9.001	53	32814m	7.73	UG/L	
66) BROMOBENZENE	8.915	77	177566	9.89	UG/L	81
67) 1,2,3-TRICHLOROPROPANE	8.971	110	33215	9.30	UG/L	95
68) N-PROPYLBENZENE	9.046	91	548480	10.97	UG/L	95
69) 2-CHLOROT0LUENE	9.116	91	344813	10.23	UG/L	88
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	411254	10.02	UG/L	91
71) 4-CHLOROTOLUENE	9.224	91	401533	9.97	UG/L	88
73) TERT-BUTYLBENZENE	9.542	119	342444	10.76	UG/L	84
74) 1,2,4-TRIMETHYLBENZENE	9.590	105	416892	10.63	UG/L	92
75) SEC-BUTYLBENZENE	9.760	134	99058	11.46	UG/L	78
76) 1,3-DICHLOROBENZENE	9.846	146	234675	10.97	UG/L	95
77) P-ISOPROPYLTOLUENE	9.910	119	413700	9.90	UG/L	91
78) 1,4-DICHLOROBENZENE	9.938	146	231290	9.96	UG/L	93
79) N-BUTYLBENZENE	10.315	91	415008	10.97	UG/L	92
80) 1,2-DICHLOROBENZENE	10.301	146	214759	10.82	UG/L	95
81) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	21155	7.86	UG/L	63
82) 1,3,5-TRICHLOROBENZENE	11.288	180	184059	10.25	UG/L	95
83) 1,2,4-TRICHLOROBENZENE	11.893	180	163524	10.56	UG/L	96
84) HEXACHLOROBUTADIENE	12.086	225	114198	8.71	UG/L	92
85) NAPHTHALENE	12.133	128	322394	9.81	UG/L	100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	154340	10.55	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BSD1	File ID:	VD030005.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:49
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.164	0.014	0.10	V-16
107-13-1	Acrylonitrile	0.0179	0.0051	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0187	0.00070	0.0010	
71-43-2	Benzene	0.0222	0.00030	0.0020	
108-86-1	Bromobenzene	0.0199	0.00030	0.0020	
74-97-5	Bromochloromethane	0.0207	0.00050	0.0020	
75-27-4	Bromodichloromethane	0.0145	0.00040	0.0020	V-05
75-25-2	Bromoform	0.0169	0.00040	0.0020	
74-83-9	Bromomethane	0.0115	0.00090	0.010	
78-93-3	2-Butanone (MEK)	0.168	0.0071	0.040	
75-65-0	tert-Butyl Alcohol (TBA)	0.144	0.0073	0.040	V-16
104-51-8	n-Butylbenzene	0.0215	0.00030	0.0020	
135-98-8	sec-Butylbenzene	0.0223	0.00030	0.0020	
98-06-6	tert-Butylbenzene	0.0212	0.00030	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0156	0.00040	0.0010	
75-15-0	Carbon Disulfide	0.0214	0.00040	0.0060	
56-23-5	Carbon Tetrachloride	0.0144	0.00050	0.0020	V-05
108-90-7	Chlorobenzene	0.0216	0.00030	0.0020	
124-48-1	Chlorodibromomethane	0.0149	0.00040	0.0010	V-05
75-00-3	Chloroethane	0.0124	0.00050	0.020	L-07A, R-05
67-66-3	Chloroform	0.0169	0.00030	0.0040	
74-87-3	Chloromethane	0.0195	0.00030	0.010	
95-49-8	2-Chlorotoluene	0.0201	0.00030	0.0020	
106-43-4	4-Chlorotoluene	0.0194	0.00030	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0155	0.0014	0.0020	
106-93-4	1,2-Dibromoethane (EDB)	0.0183	0.00040	0.0010	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BSD1	File ID:	VD030005.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:49
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0179	0.00040	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0224	0.00030	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0220	0.00030	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0200	0.00020	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0157	0.00090	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0148	0.00040	0.020	V-05
75-34-3	1,1-Dichloroethane	0.0190	0.0011	0.0020	
107-06-2	1,2-Dichloroethane	0.0131	0.00040	0.0020	L-04, V-05
75-35-4	1,1-Dichloroethylene	0.0154	0.00050	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0165	0.00030	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0180	0.00040	0.0020	
78-87-5	1,2-Dichloropropane	0.0202	0.0011	0.0020	
142-28-9	1,3-Dichloropropane	0.0189	0.00030	0.0010	
594-20-7	2,2-Dichloropropane	0.0147	0.00080	0.0020	V-05
563-58-6	1,1-Dichloropropene	0.0180	0.0019	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0188	0.00040	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0174	0.00040	0.0010	
60-29-7	Diethyl Ether	0.0192	0.00040	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0174	0.00040	0.0010	
123-91-1	1,4-Dioxane	0.206	0.016	0.10	V-16
100-41-4	Ethylbenzene	0.0208	0.00030	0.0020	
87-68-3	Hexachlorobutadiene	0.0165	0.00040	0.0020	
591-78-6	2-Hexanone (MBK)	0.153	0.0061	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0253	0.00040	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0195	0.00030	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0165	0.00040	0.0040	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BSD1	File ID:	VD030005.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:49
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Column:	1				

Instrument: GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0160	0.00060	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.149	0.0059	0.020	
91-20-3	Naphthalene	0.0204	0.00030	0.0040	
103-65-1	n-Propylbenzene	0.0214	0.00030	0.0020	
100-42-5	Styrene	0.0228	0.00030	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0184	0.00030	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0229	0.00040	0.0010	
127-18-4	Tetrachloroethylene	0.0172	0.00050	0.0020	
109-99-9	Tetrahydrofuran	0.0209	0.0015	0.010	V-16
108-88-3	Toluene	0.0179	0.00040	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0214	0.00030	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0214	0.00040	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0200	0.00030	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0146	0.00050	0.0020	V-05
79-00-5	1,1,2-Trichloroethane	0.0197	0.00030	0.0020	
79-01-6	Trichloroethylene	0.0175	0.00040	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0137	0.00050	0.010	L-07, V-05
96-18-4	1,2,3-Trichloropropane	0.0185	0.00080	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0168	0.00060	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0210	0.00030	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0194	0.00040	0.0020	
75-01-4	Vinyl Chloride	0.0197	0.00050	0.010	
108383/106423	m+p Xylene	0.0401	0.00070	0.0040	
95-47-6	o-Xylene	0.0203	0.00040	0.0020	

Data Path : Y:\1\DATA\013012\
Data File : VD030005.D
Acq On : 30 Jan 2012 6:49 am
Operator : MFF
Sample : B045245-BSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 07:43:25 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1609732	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2371652	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1157972	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.919	152	1097141	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.331	65	777893	20.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.00%				
36) TOLUENE SS	6.224	98	2243229	24.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	916796	23.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.88%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.046	85	125181m	7.39	UG/L		
4) CHLOROMETHANE	1.149	50	109763	9.73	UG/L		99
5) VINYL CHLORIDE	1.210	62	102728	9.84	UG/L		98
6) BROMOMETHANE	1.400	94	36864	5.75	UG/L		100
7) CHLOROETHANE	1.453	64	33865	6.19	UG/L		89
8) TRICHLOROFLUOROMETHANE	1.609	101	147028	6.86	UG/L		98
9) DI ETHYL ETHER	1.787	74	36386	9.62	UG/L		87
10) ACETONE	1.980	43	217376	81.92	UG/L		79
11) 1,1-DICHLOROETHENE	1.941	61	126622	7.68	UG/L		95
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	82621	8.42	UG/L		99
13) T-BUTYL ALCOHOL	2.401	59	96533	72.15	UG/L	#	73
14) ACRYLONITRILE	2.496	53	36759	8.97	UG/L		100
15) METHYL ACETATE	2.220	43	90486	2.33	UG/L	#	98
16) METHYLENE CHLORIDE	2.289	49	184105	8.01	UG/L		81
17) CARBON DISULFIDE	2.102	76	257237	10.69	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.526	73	231907	8.23	UG/L		86
19) TRANS 1,2-DICHLOROETHENE	2.518	61	160006	8.99	UG/L		94
20) 1,1-DICHLOROETHANE	2.908	63	191374	9.52	UG/L		97
21) DI ISOPROPYL ETHER	2.998	45	324291	8.71	UG/L		89
22) 2-BUTANONE	3.536	43	439212	83.82	UG/L		88
23) T-BUTYL ETHYL ETHER	3.377	59	276847	7.80	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.505	61	173708	8.25	UG/L		97
25) 2,2-DICHLOROPROPANE	3.502	77	148456	7.36	UG/L		89
26) BROMOCHLOROMETHANE	3.748	128	50488	10.35	UG/L		94
27) TETRAHYDROFURAN	3.801	72	10353	10.43	UG/L		60
28) CHLOROFORM	3.837	83	187582	8.46	UG/L		98
29) 1,1,1-TRICHLOROETHANE	4.015	97	171230	7.31	UG/L		97
30) CYCLOHEXANE	4.066	56	212701	8.48	UG/L	#	91
31) CARBON TETRACHLORIDE	4.177	117	159910	7.20	UG/L		98
32) 1,1-DICHLOROPROPENE	4.183	77	43478	8.99	UG/L		92
33) BENZENE	4.386	78	373759	11.12	UG/L		100
34) T-AMYLMETHYL ETHER	4.520	73	206718	9.34	UG/L		91
37) 1,2-DICHLOROETHANE	4.409	62	158864	6.57	UG/L		95
38) TRICHLOROETHENE	5.030	95	106140	8.73	UG/L		84
39) METHYL CYCLOHEXANE	5.215	83	165154	9.18	UG/L		93
40) 1,2-DICHLOROPROPANE	5.245	63	104030	10.10	UG/L		100
41) DIBROMOMETHANE	5.354	93	59408	8.93	UG/L		87
42) 1,4-DIOXANE	5.424	88	10486m	102.81	UG/L		
43) BROMODICHLOROMETHANE	5.527	83	137616	7.24	UG/L		98
44) MIBK	6.135	43	824459	74.58	UG/L	#	84
45) CIS-1,3-DICHLOROPROPENE	5.965	75	142376	9.38	UG/L		92
46) TOLUENE	6.288	91	400827	8.96	UG/L		99
47) TRANS-1,3,-DICHLOROPRO...	6.517	75	130063	8.70	UG/L		87

Data Path : Y:\1\DATA\013012\
Data File : VD030005.D
Acq On : 30 Jan 2012 6:49 am
Operator : MFF
Sample : B045245-BSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 07:43:25 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

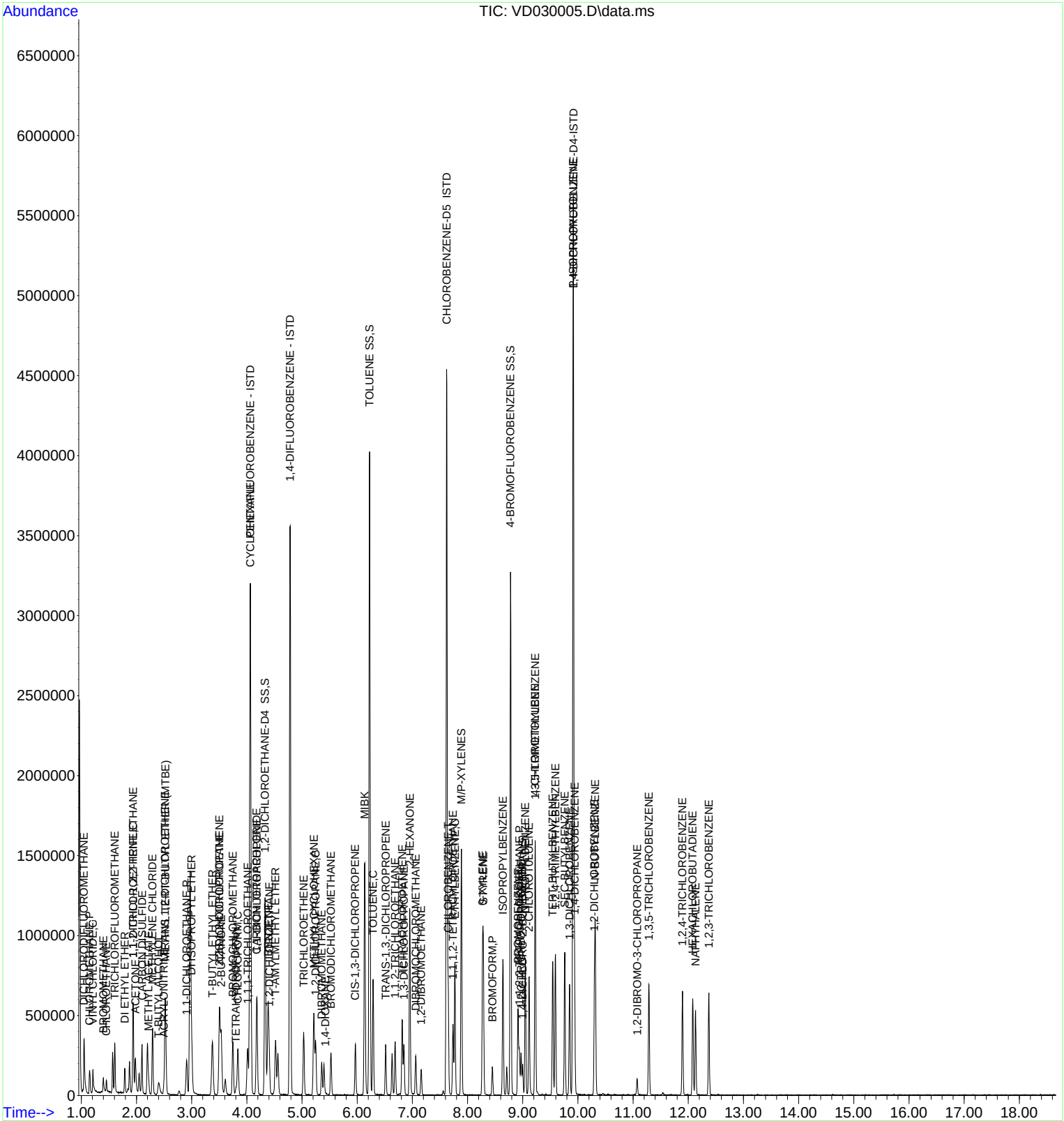
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.690	83	67028	9.83	UG/L	96
49) 2-HEXANONE	6.955	43	623732	76.65	UG/L	83
50) TETRACHLOROETHENE	6.818	166	113795	8.58	UG/L	98
51) 1,3-DICHLOROPROPANE	6.846	76	139644	9.44	UG/L	98
52) DIBROMOCHLOROMETHANE	7.061	129	105314	7.45	UG/L	100
53) 1,2-DIBROMOETHANE	7.161	107	87206	9.15	UG/L	97
56) CHLOROBENZENE	7.649	112	283620	10.80	UG/L	87
57) 1,1,1,2-TETRACHLOROETHANE	7.735	131	103942	9.22	UG/L	96
58) ETHYLBENZENE	7.772	91	474833	10.40	UG/L	95
59) M/P-XYLENES	7.889	91	761358	20.03	UG/L	90
60) 0-XYLENE	8.271	91	381731	10.17	UG/L	91
61) STYRENE	8.288	104	299953	11.42	UG/L	80
62) BROMOFORM	8.449	173	67998	8.47	UG/L	99
63) ISOPROPYLBENZENE	8.642	120	121194	12.64	UG/L	85
64) 1,1,2,2-TETRACHLOROETHANE	8.940	83	107295	11.43	UG/L	98
65) 1,4-DICHLORO-2-BUTENE(...	8.999	53	34204	7.83	UG/L	83
66) BROMOBENZENE	8.915	77	183791	9.94	UG/L	81
67) 1,2,3-TRICHLOROPROPANE	8.971	110	34021	9.25	UG/L	91
68) N-PROPYLBENZENE	9.046	91	551293	10.71	UG/L	95
69) 2-CHLOROT0LUENE	9.116	91	348955	10.06	UG/L	87
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	409452	9.69	UG/L	92
71) 4-CHLOROTOLUENE	9.225	91	403223	9.72	UG/L	88
73) TERT-BUTYLBENZENE	9.543	119	341202	10.59	UG/L	84
74) 1,2,4-TRIMETHYLBENZENE	9.593	105	416780	10.49	UG/L	93
75) SEC-BUTYLBENZENE	9.763	134	97788	11.17	UG/L	75
76) 1,3-DICHLOROBENZENE	9.849	146	238558	11.00	UG/L	94
77) P-ISOPROPYLTOLUENE	9.913	119	413414	9.76	UG/L	91
78) 1,4-DICHLOROBENZENE	9.941	146	235270	10.00	UG/L	92
79) N-BUTYLBENZENE	10.315	91	411887	10.75	UG/L	92
80) 1,2-DICHLOROBENZENE	10.298	146	225176	11.20	UG/L	96
81) 1,2-DIBROMO-3-CHLOROPR...	11.076	75	21206	7.77	UG/L	65
82) 1,3,5-TRICHLOROBENZENE	11.288	180	181952	10.00	UG/L	97
83) 1,2,4-TRICHLOROBENZENE	11.896	180	168195	10.72	UG/L	96
84) HEXACHLOROBUTADIENE	12.080	225	109730	8.26	UG/L	95
85) NAPHTHALENE	12.133	128	341011	10.20	UG/L	100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	158685	10.71	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030005.D
Acq On : 30 Jan 2012 6:49 am
Operator : MFF
Sample : B045245-BSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 07:43:25 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MS1	File ID:	VD030022.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:04
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone	0.119	0.0097	0.070	V-16
107-13-1	Acrylonitrile	0.0124	0.0036	0.0042	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0129	0.00049	0.00070	
71-43-2	Benzene	0.0173	0.00021	0.0014	
108-86-1	Bromobenzene	0.0127	0.00021	0.0014	
74-97-5	Bromochloromethane	0.0145	0.00035	0.0014	
75-27-4	Bromodichloromethane	0.00912	0.00028	0.0014	MS-24, V-05
75-25-2	Bromoform	0.00996	0.00028	0.0014	
74-83-9	Bromomethane	0.00788	0.00063	0.0070	MS-24
78-93-3	2-Butanone (MEK)	0.123	0.0050	0.028	
75-65-0	tert-Butyl Alcohol (TBA)	0.0827	0.0051	0.028	MS-07A, V-16
104-51-8	n-Butylbenzene	0.0163	0.00021	0.0014	
135-98-8	sec-Butylbenzene	0.0185	0.00021	0.0014	MS-15
98-06-6	tert-Butylbenzene	0.0178	0.00021	0.0014	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.00999	0.00028	0.00070	
75-15-0	Carbon Disulfide	0.0105	0.00028	0.0042	
56-23-5	Carbon Tetrachloride	0.00931	0.00035	0.0014	MS-24, V-05
108-90-7	Chlorobenzene	0.0160	0.00021	0.0014	
124-48-1	Chlorodibromomethane	0.00855	0.00028	0.00070	MS-07A, V-05
75-00-3	Chloroethane	0.00964	0.00035	0.014	MS-22, R-05
67-66-3	Chloroform	0.0116	0.00021	0.0028	
74-87-3	Chloromethane	0.0121	0.00021	0.0070	
95-49-8	2-Chlorotoluene	0.0134	0.00021	0.0014	
106-43-4	4-Chlorotoluene	0.0128	0.00021	0.0014	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0103	0.00098	0.0014	
106-93-4	1,2-Dibromoethane (EDB)	0.0116	0.00028	0.00070	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MS1	File ID:	VD030022.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:04
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
74-95-3	Dibromomethane	0.0117	0.00028	0.0014	
95-50-1	1,2-Dichlorobenzene	0.0152	0.00021	0.0014	
541-73-1	1,3-Dichlorobenzene	0.0156	0.00021	0.0014	
106-46-7	1,4-Dichlorobenzene	0.0144	0.00014	0.0014	
110-57-6	trans-1,4-Dichloro-2-butene	0.00953	0.00063	0.0028	MS-24
75-71-8	Dichlorodifluoromethane (Freon 12)	0.00834	0.00028	0.014	MS-07A, V-05
75-34-3	1,1-Dichloroethane	0.0137	0.00077	0.0014	
107-06-2	1,2-Dichloroethane	0.00800	0.00028	0.0014	.-04, MS-09, V-0
75-35-4	1,1-Dichloroethylene	0.00914	0.00035	0.0028	MS-24
156-59-2	cis-1,2-Dichloroethylene	0.0116	0.00021	0.0014	
156-60-5	trans-1,2-Dichloroethylene	0.0131	0.00028	0.0014	
78-87-5	1,2-Dichloropropane	0.0137	0.00077	0.0014	
142-28-9	1,3-Dichloropropane	0.0125	0.00021	0.00070	
594-20-7	2,2-Dichloropropane	0.00950	0.00056	0.0014	MS-24, V-05
563-58-6	1,1-Dichloropropene	0.0127	0.0013	0.0014	
10061-01-5	cis-1,3-Dichloropropene	0.0116	0.00028	0.00070	
10061-02-6	trans-1,3-Dichloropropene	0.0104	0.00028	0.00070	
60-29-7	Diethyl Ether	0.0114	0.00028	0.014	
108-20-3	Diisopropyl Ether (DIPE)	0.0117	0.00028	0.00070	
123-91-1	1,4-Dioxane	0.134	0.011	0.070	V-16
100-41-4	Ethylbenzene	0.0153	0.00021	0.0014	
87-68-3	Hexachlorobutadiene	0.0110	0.00028	0.0014	
591-78-6	2-Hexanone (MBK)	0.0979	0.0043	0.014	MS-24
98-82-8	Isopropylbenzene (Cumene)	0.0185	0.00028	0.0014	MS-24
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0161	0.00021	0.0014	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0110	0.00028	0.0028	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MS1	File ID:	VD030022.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:04
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0113	0.00042	0.014	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0942	0.0041	0.014	MS-24
91-20-3	Naphthalene	0.00805	0.00021	0.0028	MS-07A
103-65-1	n-Propylbenzene	0.0151	0.00021	0.0014	
100-42-5	Styrene	0.0158	0.00021	0.0014	
630-20-6	1,1,1,2-Tetrachloroethane	0.0124	0.00021	0.0014	
79-34-5	1,1,2,2-Tetrachloroethane	0.0163	0.00028	0.00070	
127-18-4	Tetrachloroethylene	0.0242	0.00035	0.0014	MS-12
109-99-9	Tetrahydrofuran	0.0126	0.0010	0.0070	V-16
108-88-3	Toluene	0.0126	0.00028	0.0014	
87-61-6	1,2,3-Trichlorobenzene	0.00877	0.00021	0.0014	MS-07A
120-82-1	1,2,4-Trichlorobenzene	0.00918	0.00028	0.0014	MS-24
108-70-3	1,3,5-Trichlorobenzene	0.0120	0.00021	0.0014	
71-55-6	1,1,1-Trichloroethane	0.00945	0.00035	0.0014	MS-24, V-05
79-00-5	1,1,2-Trichloroethane	0.0136	0.00021	0.0014	
79-01-6	Trichloroethylene	0.0119	0.00028	0.0014	
75-69-4	Trichlorofluoromethane (Freon 11)	0.00828	0.00035	0.0070	MS-09, V-05
96-18-4	1,2,3-Trichloropropane	0.0124	0.00056	0.0014	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.00964	0.00042	0.0070	MS-24
95-63-6	1,2,4-Trimethylbenzene	0.0167	0.00021	0.0014	
108-67-8	1,3,5-Trimethylbenzene	0.0130	0.00028	0.0014	
75-01-4	Vinyl Chloride	0.0109	0.00035	0.0070	
108383/106423	m+p Xylene	0.0289	0.00049	0.0028	
95-47-6	o-Xylene	0.0141	0.00028	0.0014	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030022.D
Acq On : 30 Jan 2012 2:04 pm
Operator : MFF
Sample : B045245-MS1 Inst : GCMSVOA4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 30 14:35:28 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1946022	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.782	114	3032688	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1305521	30.00	UG/L		0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1003715	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	872328	18.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.20%				
36) TOLUENE SS	6.221	98	2850193	24.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.32%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	953000	21.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.48%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	122106m	5.96	UG/L		
4) CHLOROMETHANE	1.151	50	118325	8.68	UG/L		99
5) VINYL CHLORIDE	1.210	62	98018	7.77	UG/L		98
6) BROMOMETHANE	1.391	94	43685	5.63	UG/L		99
7) CHLOROETHANE	1.453	64	45551	6.89	UG/L		98
8) TRICHLOROFLUOROMETHANE	1.606	101	153459	5.92	UG/L		100
9) DI ETHYL ETHER	1.787	74	37211	8.14	UG/L		86
10) ACETONE	1.977	43	273175	85.15	UG/L		81
11) 1,1-DICHLOROETHENE	1.941	61	130065	6.53	UG/L		94
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	81706	6.89	UG/L		99
13) T-BUTYL ALCOHOL	2.390	59	95543	59.07	UG/L	#	90
14) ACRYLONITRILE	2.493	53	43789	8.84	UG/L		100
15) METHYL ACETATE	2.214	43	185229	3.95	UG/L		98
16) METHYLENE CHLORIDE	2.289	49	223851	8.08	UG/L		79
17) CARBON DISULFIDE	2.099	76	217195	7.47	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.523	73	268696	7.89	UG/L		92
19) TRANS 1,2-DICHLOROETHENE	2.518	61	202078	9.39	UG/L		99
20) 1,1-DICHLOROETHANE	2.908	63	238260	9.81	UG/L		98
21) DI ISOPROPYL ETHER	2.995	45	377505	8.38	UG/L		86
22) 2-BUTANONE	3.527	43	557400	87.99	UG/L		84
23) T-BUTYL ETHYL ETHER	3.374	59	306307	7.14	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.505	61	211056	8.30	UG/L		98
25) 2,2-DICHLOROPROPANE	3.502	77	165535	6.79	UG/L		92
26) BROMOCHLOROMETHANE	3.745	128	61117	10.36	UG/L		93
27) TETRAHYDROFURAN	3.801	72	10680	8.97	UG/L		59
28) CHLOROFORM	3.834	83	222765	8.31	UG/L		98
29) 1,1,1-TRICHLOROETHANE	4.010	97	191064	6.75	UG/L		99
30) CYCLOHEXANE	4.063	56	274294	9.18	UG/L	#	90
31) CARBON TETRACHLORIDE	4.177	117	178472	6.65	UG/L		99
32) 1,1-DICHLOROPROPENE	4.180	77	53226	9.10	UG/L		89
33) BENZENE	4.383	78	502564	12.37	UG/L		100
34) T-AMYLMETHYL ETHER	4.517	73	247331	9.25	UG/L		89
37) 1,2-DICHLOROETHANE	4.403	62	176889	5.72	UG/L		98
38) TRICHLOROETHENE	5.028	95	131953	8.49	UG/L		84
39) METHYL CYCLOHEXANE	5.212	83	207347	9.02	UG/L		96
40) 1,2-DICHLOROPROPANE	5.245	63	128676	9.77	UG/L		98
41) DIBROMOMETHANE	5.357	93	71333	8.39	UG/L		86
42) 1,4-DIOXANE	5.398	88	12498m	95.69	UG/L		
43) BROMODICHLOROMETHANE	5.524	83	158373	6.52	UG/L		98
44) MIBK	6.135	43	951572	67.31	UG/L	#	84
45) CIS-1,3-DICHLOROPROPENE	5.967	75	160946	8.29	UG/L		92
46) TOLUENE	6.285	91	515520	9.01	UG/L		99
47) TRANS-1,3,-DICHLOROPRO...	6.514	75	141351	7.40	UG/L		89

Data Path : Y:\1\DATA\013012\
Data File : VD030022.D
Acq On : 30 Jan 2012 2:04 pm
Operator : MFF
Sample : B045245-MS1 Inst : GCMSVOA4
Misc :
ALS Vial : 22 Sample Multiplier: 1

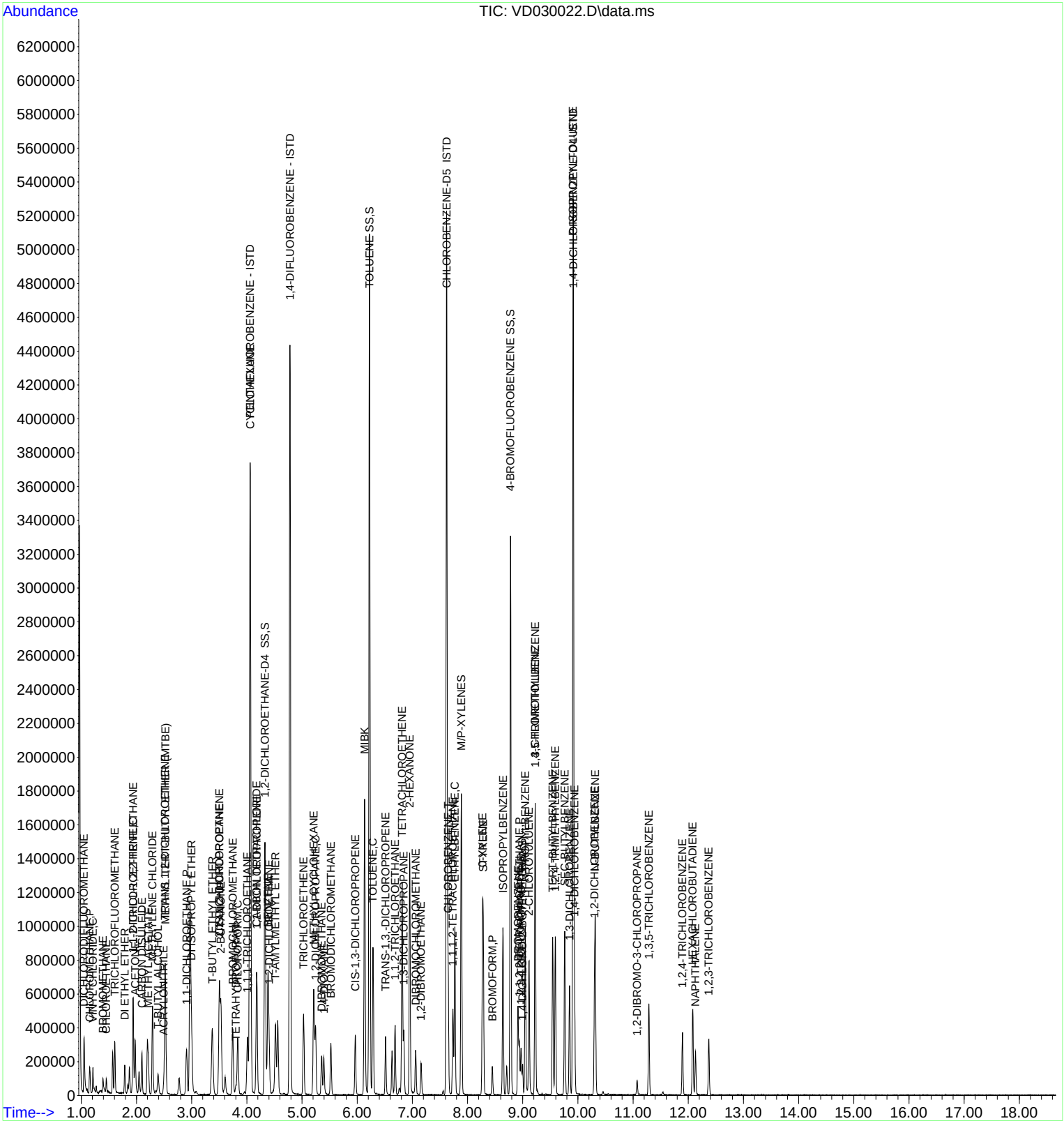
Quant Time: Jan 30 14:35:28 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.687	83	84827	9.73	UG/L		96
49) 2-HEXANONE	6.952	43	727859	69.95	UG/L		76
50) TETRACHLOROETHENE	6.815	166	293116	17.27	UG/L		96
51) 1,3-DICHLOROPROPANE	6.843	76	168358	8.90	UG/L		99
52) DIBROMOCHLOROMETHANE	7.060	129	110416	6.11	UG/L		100
53) 1,2-DIBROMOETHANE	7.155	107	101267	8.31	UG/L		97
56) CHLOROBENZENE	7.649	112	338886	11.45	UG/L		88
57) 1,1,1,2-TETRACHLOROETHANE	7.733	131	112840	8.88	UG/L		97
58) ETHYLBENZENE	7.769	91	562180	10.93	UG/L		96
59) M/P-XYLENES	7.889	91	885655	20.66	UG/L		94
60) 0-XYLENE	8.271	91	427633	10.10	UG/L		93
61) STYRENE	8.285	104	334125	11.28	UG/L		87
62) BROMOFORM	8.449	173	64461	7.12	UG/L		99
63) ISOPROPYLBENZENE	8.644	120	142878	13.22	UG/L		93
64) 1,1,2,2-TETRACHLOROETHANE	8.940	83	123376	11.66	UG/L		99
65) 1,4-DICHLORO-2-BUTENE(...	8.996	53	33546	6.81	UG/L	#	27
66) BROMOBENZENE	8.915	77	189757	9.10	UG/L		77
67) 1,2,3-TRICHLOROPROPANE	8.971	110	36834	8.88	UG/L		91
68) N-PROPYLBENZENE	9.046	91	627976	10.82	UG/L		94
69) 2-CHLOROT0LUENE	9.116	91	375198	9.59	UG/L		88
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	443291	9.30	UG/L		95
71) 4-CHLOROTOLUENE	9.224	91	427436	9.14	UG/L		88
73) TERT-BUTYLBENZENE	9.542	119	374395	12.70	UG/L		86
74) 1,2,4-TRIMETHYLBENZENE	9.590	105	433658	11.93	UG/L		95
75) SEC-BUTYLBENZENE	9.760	134	105667	13.19	UG/L		74
76) 1,3-DICHLOROBENZENE	9.849	146	221472	11.17	UG/L		97
77) P-ISOPROPYLTOLUENE	9.910	119	445007	11.49	UG/L		93
78) 1,4-DICHLOROBENZENE	9.938	146	221274	10.28	UG/L		93
79) N-BUTYLBENZENE	10.315	91	407462	11.62	UG/L		90
80) 1,2-DICHLOROBENZENE	10.301	146	200061	10.87	UG/L		97
81) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	18411	7.38	UG/L		62
82) 1,3,5-TRICHLOROBENZENE	11.285	180	142467	8.56	UG/L		97
83) 1,2,4-TRICHLOROBENZENE	11.896	180	94115	6.56	UG/L		95
84) HEXACHLOROBUTADIENE	12.080	225	95149	7.83	UG/L		94
85) NAPHTHALENE	12.130	128	163690	5.75	UG/L		100
86) 1,2,3-TRICHLOROBENZENE	12.370	180	85053	6.27	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030022.D
Acq On : 30 Jan 2012 2:04 pm
Operator : MFF
Sample : B045245-MS1 Inst : GCMSVOA4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 30 14:35:28 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MSD1	File ID:	VD030023.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:29
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone	0.122	0.0091	0.066	V-16
107-13-1	Acrylonitrile	0.0113	0.0034	0.0040	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0114	0.00046	0.00066	
71-43-2	Benzene	0.0141	0.00020	0.0013	
108-86-1	Bromobenzene	0.0116	0.00020	0.0013	
74-97-5	Bromochloromethane	0.0128	0.00033	0.0013	
75-27-4	Bromodichloromethane	0.00935	0.00026	0.0013	V-05
75-25-2	Bromoform	0.00980	0.00026	0.0013	
74-83-9	Bromomethane	0.00928	0.00059	0.0066	
78-93-3	2-Butanone (MEK)	0.109	0.0047	0.026	
75-65-0	tert-Butyl Alcohol (TBA)	0.0783	0.0048	0.026	MS-07A, V-16
104-51-8	n-Butylbenzene	0.0151	0.00020	0.0013	
135-98-8	sec-Butylbenzene	0.0178	0.00020	0.0013	MS-15
98-06-6	tert-Butylbenzene	0.0177	0.00020	0.0013	MS-24
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.00951	0.00026	0.00066	
75-15-0	Carbon Disulfide	0.0130	0.00026	0.0040	
56-23-5	Carbon Tetrachloride	0.00947	0.00033	0.0013	V-05
108-90-7	Chlorobenzene	0.0137	0.00020	0.0013	
124-48-1	Chlorodibromomethane	0.00879	0.00026	0.00066	MS-07A, V-05
75-00-3	Chloroethane	0.0108	0.00033	0.013	R-05
67-66-3	Chloroform	0.0109	0.00020	0.0026	
74-87-3	Chloromethane	0.0150	0.00020	0.0066	
95-49-8	2-Chlorotoluene	0.0124	0.00020	0.0013	
106-43-4	4-Chlorotoluene	0.0116	0.00020	0.0013	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0101	0.00092	0.0013	
106-93-4	1,2-Dibromoethane (EDB)	0.0110	0.00026	0.00066	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MSD1	File ID:	VD030023.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:29
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
74-95-3	Dibromomethane	0.0115	0.00026	0.0013	
95-50-1	1,2-Dichlorobenzene	0.0138	0.00020	0.0013	
541-73-1	1,3-Dichlorobenzene	0.0147	0.00020	0.0013	
106-46-7	1,4-Dichlorobenzene	0.0132	0.00013	0.0013	
110-57-6	trans-1,4-Dichloro-2-butene	0.00941	0.00059	0.0026	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.00906	0.00026	0.013	MS-07A, V-05
75-34-3	1,1-Dichloroethane	0.0121	0.00073	0.0013	
107-06-2	1,2-Dichloroethane	0.00842	0.00026	0.0013	MS-09, V-05, L-0
75-35-4	1,1-Dichloroethylene	0.00981	0.00033	0.0026	
156-59-2	cis-1,2-Dichloroethylene	0.0107	0.00020	0.0013	
156-60-5	trans-1,2-Dichloroethylene	0.0119	0.00026	0.0013	
78-87-5	1,2-Dichloropropane	0.0127	0.00073	0.0013	
142-28-9	1,3-Dichloropropane	0.0116	0.00020	0.00066	
594-20-7	2,2-Dichloropropane	0.00943	0.00053	0.0013	V-05
563-58-6	1,1-Dichloropropene	0.0117	0.0013	0.0013	
10061-01-5	cis-1,3-Dichloropropene	0.0109	0.00026	0.00066	
10061-02-6	trans-1,3-Dichloropropene	0.0104	0.00026	0.00066	
60-29-7	Diethyl Ether	0.0123	0.00026	0.013	
108-20-3	Diisopropyl Ether (DIPE)	0.0108	0.00026	0.00066	
123-91-1	1,4-Dioxane	0.127	0.010	0.066	V-16
100-41-4	Ethylbenzene	0.0141	0.00020	0.0013	
87-68-3	Hexachlorobutadiene	0.0114	0.00026	0.0013	
591-78-6	2-Hexanone (MBK)	0.0955	0.0040	0.013	
98-82-8	Isopropylbenzene (Cumene)	0.0163	0.00026	0.0013	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0152	0.00020	0.0013	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0103	0.00026	0.0026	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MSD1	File ID:	VD030023.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:29
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0115	0.00040	0.013	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0932	0.0039	0.013	
91-20-3	Naphthalene	0.00753	0.00020	0.0026	MS-07A
103-65-1	n-Propylbenzene	0.0134	0.00020	0.0013	
100-42-5	Styrene	0.0138	0.00020	0.0013	
630-20-6	1,1,1,2-Tetrachloroethane	0.0122	0.00020	0.0013	
79-34-5	1,1,2,2-Tetrachloroethane	0.0137	0.00026	0.00066	
127-18-4	Tetrachloroethylene	0.0262	0.00033	0.0013	MS-12
109-99-9	Tetrahydrofuran	0.0131	0.00099	0.0066	V-16
108-88-3	Toluene	0.0111	0.00026	0.0013	
87-61-6	1,2,3-Trichlorobenzene	0.00850	0.00020	0.0013	MS-07A
120-82-1	1,2,4-Trichlorobenzene	0.00940	0.00026	0.0013	
108-70-3	1,3,5-Trichlorobenzene	0.0115	0.00020	0.0013	
71-55-6	1,1,1-Trichloroethane	0.00945	0.00033	0.0013	V-05
79-00-5	1,1,2-Trichloroethane	0.0118	0.00020	0.0013	
79-01-6	Trichloroethylene	0.0110	0.00026	0.0013	
75-69-4	Trichlorofluoromethane (Freon 11)	0.00910	0.00033	0.0066	MS-09, V-05
96-18-4	1,2,3-Trichloropropane	0.0117	0.00053	0.0013	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0106	0.00040	0.0066	
95-63-6	1,2,4-Trimethylbenzene	0.0158	0.00020	0.0013	
108-67-8	1,3,5-Trimethylbenzene	0.0120	0.00026	0.0013	
75-01-4	Vinyl Chloride	0.0145	0.00033	0.0066	
108383/106423	m+p Xylene	0.0265	0.00046	0.0026	
95-47-6	o-Xylene	0.0130	0.00026	0.0013	

Data Path : Y:\1\DATA\013012\
Data File : VD030023.D
Acq On : 30 Jan 2012 2:29 pm
Operator : MFF
Sample : B045245-MSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 14:50:35 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1562989	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2271180	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.624	82	1000374	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	741838	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	769861	20.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.56%				
36) TOLUENE SS	6.224	98	2105758	23.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.04%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	708240	21.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.84%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.048	85	112938	6.87	UG/L		99
4) CHLOROMETHANE	1.149	50	124845	11.40	UG/L		97
5) VINYL CHLORIDE	1.210	62	111661	11.02	UG/L		100
6) BROMOMETHANE	1.391	94	43816	7.04	UG/L		98
7) CHLOROETHANE	1.455	64	43714	8.23	UG/L		94
8) TRICHLOROFLUOROMETHANE	1.609	101	143591	6.90	UG/L		99
9) DI ETHYL ETHER	1.787	74	34347	9.35	UG/L		88
10) ACETONE	1.974	43	237766	92.28	UG/L		84
11) 1,1-DICHLOROETHENE	1.938	61	119124	7.44	UG/L		94
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	76865	8.06	UG/L		100
13) T-BUTYL ALCOHOL	2.390	59	77179	59.41	UG/L	#	94
14) ACRYLONITRILE	2.495	53	34084	8.57	UG/L		98
15) METHYL ACETATE	2.217	43	203281	5.40	UG/L		97
16) METHYLENE CHLORIDE	2.292	49	189761	8.73	UG/L		85
17) CARBON DISULFIDE	2.099	76	230647	9.88	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.526	73	214477	7.84	UG/L		91
19) TRANS 1,2-DICHLOROETHENE	2.521	61	155909	9.02	UG/L		93
20) 1,1-DICHLOROETHANE	2.908	63	178723	9.16	UG/L		96
21) DI ISOPROPYL ETHER	2.995	45	295707	8.18	UG/L		90
22) 2-BUTANONE	3.533	43	420021	82.55	UG/L		89
23) T-BUTYL ETHYL ETHER	3.374	59	248382	7.21	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.502	61	166052	8.13	UG/L		96
25) 2,2-DICHLOROPROPANE	3.499	77	139972	7.15	UG/L		91
26) BROMOCHLOROMETHANE	3.745	128	45999	9.71	UG/L		99
27) TETRAHYDROFURAN	3.803	72	9521	9.90	UG/L		51
28) CHLOROFORM	3.837	83	178610	8.29	UG/L		98
29) 1,1,1-TRICHLOROETHANE	4.013	97	163132	7.17	UG/L		99
30) CYCLOHEXANE	4.065	56	204854	8.39	UG/L	#	89
31) CARBON TETRACHLORIDE	4.177	117	154705	7.18	UG/L		100
32) 1,1-DICHLOROPROPENE	4.183	77	41550	8.85	UG/L		89
33) BENZENE	4.383	78	347663	10.66	UG/L		100
34) T-AMYLMETHYL ETHER	4.520	73	185160	8.62	UG/L		87
37) 1,2-DICHLOROETHANE	4.406	62	147919	6.39	UG/L		95
38) TRICHLOROETHENE	5.028	95	97260	8.36	UG/L		85
39) METHYL CYCLOHEXANE	5.214	83	144994	8.42	UG/L		90
40) 1,2-DICHLOROPROPANE	5.248	63	95114	9.64	UG/L		100
41) DIBROMOMETHANE	5.357	93	55305	8.69	UG/L		86
42) 1,4-DIOXANE	5.396	88	9448m	96.61	UG/L		
43) BROMODICHLOROMETHANE	5.524	83	128883	7.09	UG/L		97
44) MIBK	6.135	43	748717	70.72	UG/L	#	86
45) CIS-1,3-DICHLOROPROPENE	5.967	75	120185	8.27	UG/L		94
46) TOLUENE	6.288	91	362278	8.45	UG/L		100
47) TRANS-1,3,-DICHLOROPRO...	6.517	75	113298	7.92	UG/L		85

Data Path : Y:\1\DATA\013012\
Data File : VD030023.D
Acq On : 30 Jan 2012 2:29 pm
Operator : MFF
Sample : B045245-MSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 23 Sample Multiplier: 1

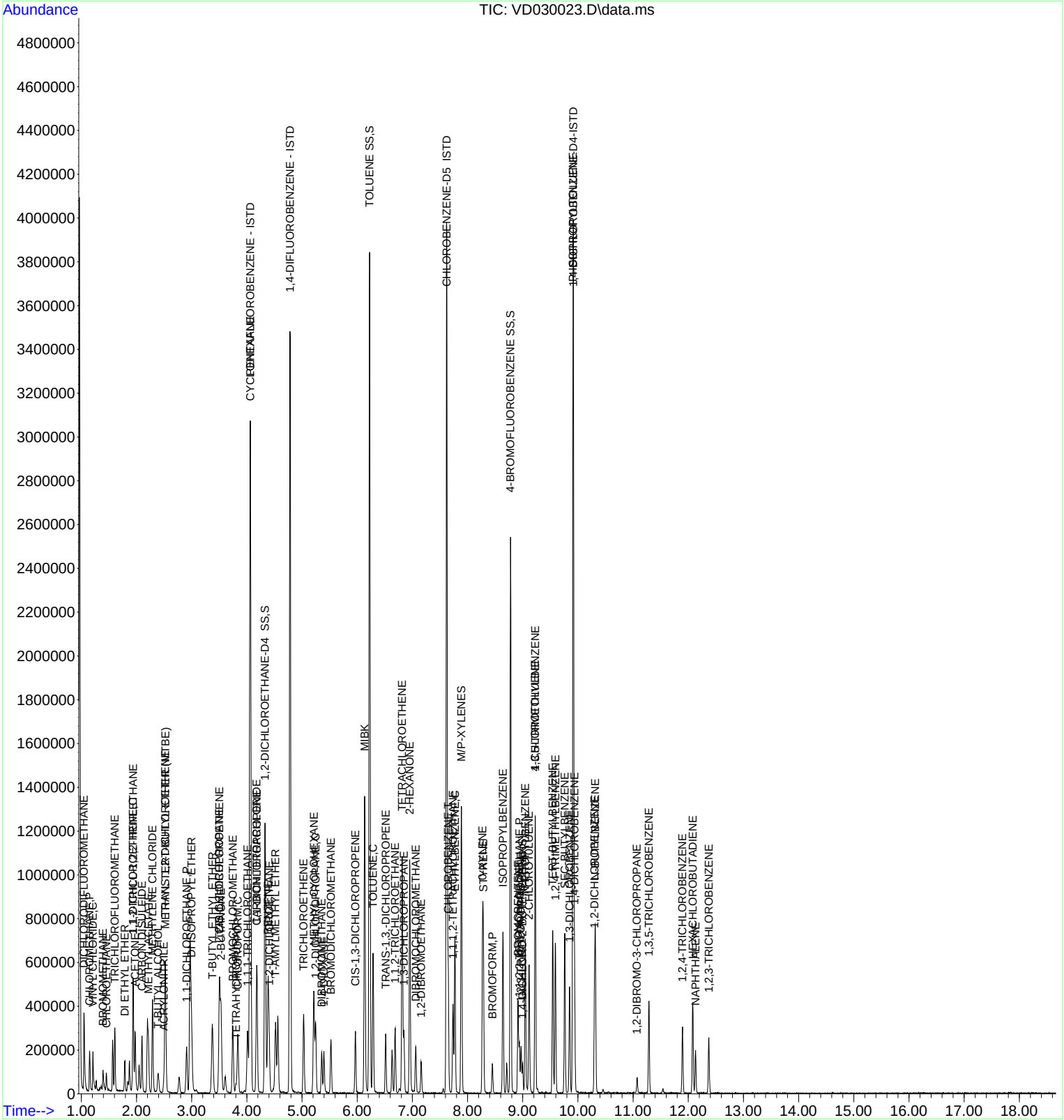
Quant Time: Jan 30 14:50:35 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.690	83	58521	8.96	UG/L		97
49) 2-HEXANONE	6.952	43	564528	72.45	UG/L		82
50) TETRACHLOROETHENE	6.815	166	252185	19.84	UG/L		98
51) 1,3-DICHLOROPROPANE	6.846	76	124722	8.80	UG/L		99
52) DIBROMOCHLOROMETHANE	7.060	129	90312	6.67	UG/L		98
53) 1,2-DIBROMOETHANE	7.161	107	76269	8.35	UG/L		99
56) CHLOROBENZENE	7.649	112	235698	10.39	UG/L		86
57) 1,1,1,2-TETRACHLOROETHANE	7.735	131	90331	9.27	UG/L		98
58) ETHYLBENZENE	7.772	91	420489	10.66	UG/L		93
59) M/P-XYLENES	7.889	91	659818	20.09	UG/L		90
60) 0-XYLENE	8.271	91	318672	9.83	UG/L		90
61) STYRENE	8.287	104	236767	10.44	UG/L		78
62) BROMOFORM	8.449	173	51504	7.43	UG/L		97
63) ISOPROPYLBENZENE	8.642	120	102557	12.39	UG/L		87
64) 1,1,2,2-TETRACHLOROETHANE	8.940	83	84114	10.37	UG/L		100
65) 1,4-DICHLORO-2-BUTENE(...	8.996	53	26934	7.14	UG/L	#	26
66) BROMOBENZENE	8.915	77	140225	8.78	UG/L		81
67) 1,2,3-TRICHLOROPROPANE	8.968	110	28268	8.90	UG/L		97
68) N-PROPYLBENZENE	9.046	91	451618	10.16	UG/L		95
69) 2-CHLOROT0LUENE	9.116	91	282083	9.41	UG/L		87
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	332405	9.10	UG/L		93
71) 4-CHLOROTOLUENE	9.224	91	315220	8.80	UG/L		87
73) TERT-BUTYLBENZENE	9.542	119	293147	13.45	UG/L		85
74) 1,2,4-TRIMETHYLBENZENE	9.593	105	322050	11.99	UG/L		92
75) SEC-BUTYLBENZENE	9.763	134	80088	13.53	UG/L		78
76) 1,3-DICHLOROBENZENE	9.849	146	163824	11.18	UG/L		96
77) P-ISOPROPYLTOLUENE	9.910	119	329853	11.52	UG/L		91
78) 1,4-DICHLOROBENZENE	9.938	146	158755	9.98	UG/L		93
79) N-BUTYLBENZENE	10.315	91	297901	11.49	UG/L		91
80) 1,2-DICHLOROBENZENE	10.301	146	141920	10.44	UG/L		96
81) 1,2-DIBROMO-3-CHLOROPR...	11.068	75	14165	7.68	UG/L		66
82) 1,3,5-TRICHLOROBENZENE	11.288	180	106851	8.69	UG/L		98
83) 1,2,4-TRICHLOROBENZENE	11.896	180	75584	7.13	UG/L		97
84) HEXACHLOROBUTADIENE	12.083	225	77366	8.61	UG/L		92
85) NAPHTHALENE	12.133	128	120164	5.71	UG/L		100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	64602	6.45	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030023.D
Acq On : 30 Jan 2012 2:29 pm
Operator : MFF
Sample : B045245-MSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 14:50:35 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



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SVOA

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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	D020218.D
Sampled:	01/27/12 10:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:50
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene		0.084	0.18	
208-96-8	Acenaphthylene		0.084	0.18	
98-86-2	Acetophenone		0.13	0.36	
62-53-3	Aniline		0.12	0.36	
120-12-7	Anthracene		0.084	0.18	
92-87-5	Benzidine		0.084	0.36	L-04, V-20
56-55-3	Benzo(a)anthracene		0.084	0.18	
50-32-8	Benzo(a)pyrene	0.18	0.095	0.18	
205-99-2	Benzo(b)fluoranthene	0.25	0.095	0.18	
191-24-2	Benzo(g,h,i)perylene		0.074	0.18	
207-08-9	Benzo(k)fluoranthene		0.11	0.18	
65-85-0	Benzoic Acid		0.16	1.1	L-04, V-20
111-91-1	Bis(2-chloroethoxy)methane		0.095	0.36	
111-44-4	Bis(2-chloroethyl)ether		0.11	0.36	
39638-32-9	Bis(2-chloroisopropyl)ether		0.11	0.36	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.11	0.36	
101-55-3	4-Bromophenylphenylether		0.074	0.36	
85-68-7	Butylbenzylphthalate		0.12	0.70	
86-74-8	Carbazole		0.084	0.18	
106-47-8	4-Chloroaniline		0.095	0.70	
59-50-7	4-Chloro-3-methylphenol		0.11	0.70	
91-58-7	2-Chloronaphthalene		0.074	0.36	
95-57-8	2-Chlorophenol		0.095	0.36	
7005-72-3	4-Chlorophenylphenylether		0.13	0.36	
218-01-9	Chrysene		0.084	0.18	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	D020218.D
Sampled:	01/27/12 10:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:50
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.074	0.18	
132-64-9	Dibenzofuran		0.084	0.36	
84-74-2	Di-n-butylphthalate		0.084	0.36	
95-50-1	1,2-Dichlorobenzene		0.084	0.36	
541-73-1	1,3-Dichlorobenzene		0.084	0.36	
106-46-7	1,4-Dichlorobenzene		0.084	0.36	
91-94-1	3,3-Dichlorobenzidine		0.063	0.18	
120-83-2	2,4-Dichlorophenol		0.084	0.36	
84-66-2	Diethylphthalate		0.11	0.36	
105-67-9	2,4-Dimethylphenol		0.074	0.36	
131-11-3	Dimethylphthalate		0.11	0.70	
534-52-1	4,6-Dinitro-2-methylphenol		0.042	0.36	V-20
51-28-5	2,4-Dinitrophenol		0.042	0.70	V-20
121-14-2	2,4-Dinitrotoluene		0.12	0.36	
606-20-2	2,6-Dinitrotoluene		0.12	0.36	
117-84-0	Di-n-octylphthalate		0.14	0.70	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.084	0.36	
206-44-0	Fluoranthene	0.39	0.074	0.18	
86-73-7	Fluorene		0.095	0.18	
118-74-1	Hexachlorobenzene		0.084	0.36	
87-68-3	Hexachlorobutadiene		0.063	0.36	
77-47-4	Hexachlorocyclopentadiene		0.063	0.70	
67-72-1	Hexachloroethane		0.084	0.36	
193-39-5	Indeno(1,2,3-cd)pyrene		0.074	0.18	
78-59-1	Isophorone		0.11	0.36	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	D020218.D
Sampled:	01/27/12 10:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:50
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
90-12-0	1-Methylnaphthalene		0.11	0.18	
91-57-6	2-Methylnaphthalene		0.11	0.18	
95-48-7	2-Methylphenol		0.14	0.36	
108-39-4/106-44	3/4-Methylphenol		0.17	0.36	
91-20-3	Naphthalene		0.074	0.18	
88-74-4	2-Nitroaniline		0.11	0.36	
99-09-2	3-Nitroaniline		0.11	0.36	
100-01-6	4-Nitroaniline		0.13	0.36	
98-95-3	Nitrobenzene		0.074	0.36	
88-75-5	2-Nitrophenol		0.053	0.36	
100-02-7	4-Nitrophenol		0.042	0.70	
62-75-9	N-Nitrosodimethylamine		0.063	0.36	
86-30-6	N-Nitrosodiphenylamine		0.12	0.36	
621-64-7	N-Nitrosodi-n-propylamine		0.14	0.36	
82-68-8	Pentachloronitrobenzene		0.12	0.36	
87-86-5	Pentachlorophenol		0.063	0.36	V-20
85-01-8	Phenanthrene		0.084	0.18	
108-95-2	Phenol		0.095	0.36	
129-00-0	Pyrene	0.21	0.11	0.18	
110-86-1	Pyridine		0.084	0.36	
95-94-3	1,2,4,5-Tetrachlorobenzene		0.074	0.36	
120-82-1	1,2,4-Trichlorobenzene		0.063	0.36	
95-95-4	2,4,5-Trichlorophenol		0.11	0.36	
88-06-2	2,4,6-Trichlorophenol		0.074	0.36	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X Inst : GCMSSV4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 03 09:16:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

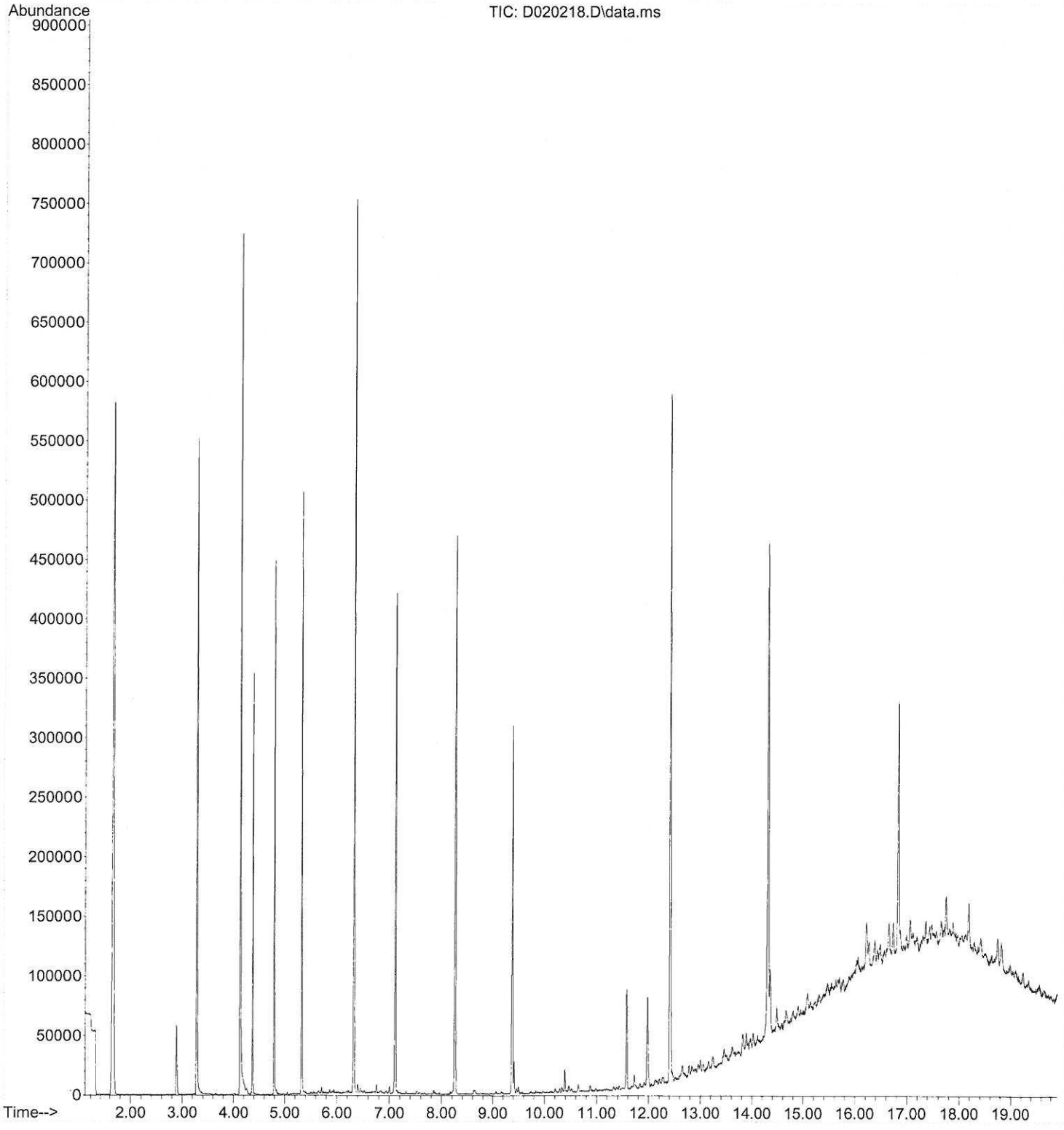
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	67504	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	182728	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.114	164	109622	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.382	188	165473	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.312	240	234075	40.00	ug/ml	0.00
79) PERYLENE-D12	16.833	264	121766	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	3.281	112	164106	147.14	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 73.57%			
3) Phenol-d6	4.130	99	242616	171.55	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 85.78%			
20) Nitrobenzene-d5	4.795	82	109575	63.85	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 63.85%			
36) 2-Fluorobiphenyl	6.327	172	242070	79.69	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 79.69%			
37) 2,4,6-Tribromophenol	8.257	330	66044	120.08	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 60.04%			
71) Terphenyl-d14	12.419	244	269068	58.66	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 58.66%			
Target Compounds						Qvalue
17) N-Nitroso-Di-N-Propyla...	4.795	70	14974	19.03	ug/ml#	76
50) 4-Nitrophenol	7.347	109	59	5.44	ug/ml#	7
65) Phenanthrene	9.420	178	12935	3.18	ug/ml	98
69) Flouranthene	11.574	202	46398	10.97	ug/ml	99
73) Pyrene	11.978	202	45548	6.02	ug/ml#	95
76) Benzo(a)anthracene	14.293	228	30075	5.02	ug/ml	94
77) Chrysene	14.352	228	27536	4.76	ug/ml	95
81) Benzo(b)fluoranthene	16.220	252	25867	7.17	ug/ml	100
82) Benzo(k)fluoranthene	16.220	252	25681	7.39	ug/ml	97
83) Benzo(a)pyrene	16.733	252	16613	5.18	ug/ml	96
84) Indeno(1,2,3-cd)pyrene	18.415	276	7365	2.97	ug/ml	97
86) Benzo(g,h,i)perylene	18.809	276	7141	2.67	ug/ml	97

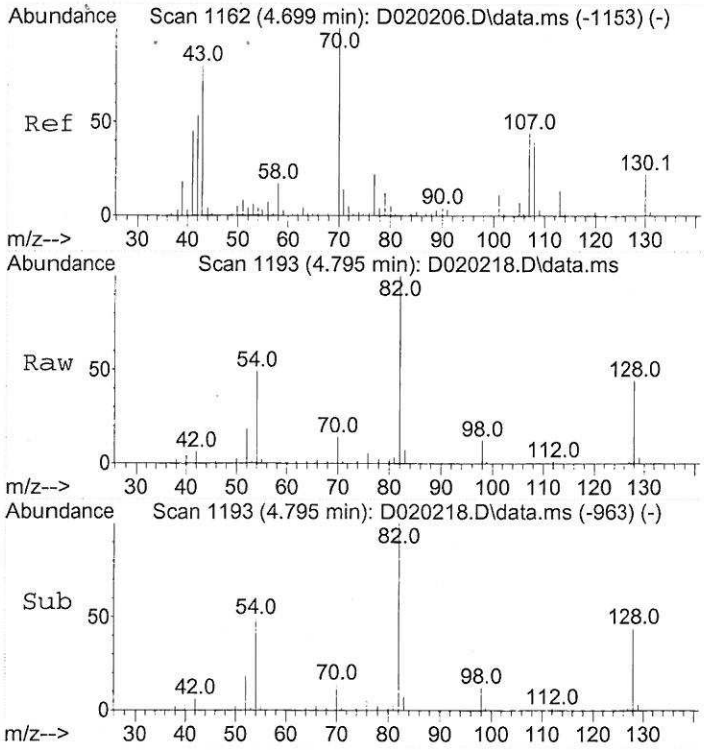
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X Inst : GCMSSV4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 03 09:16:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

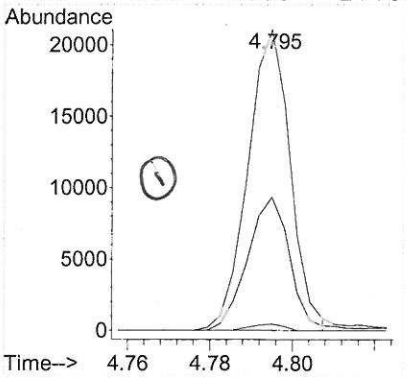


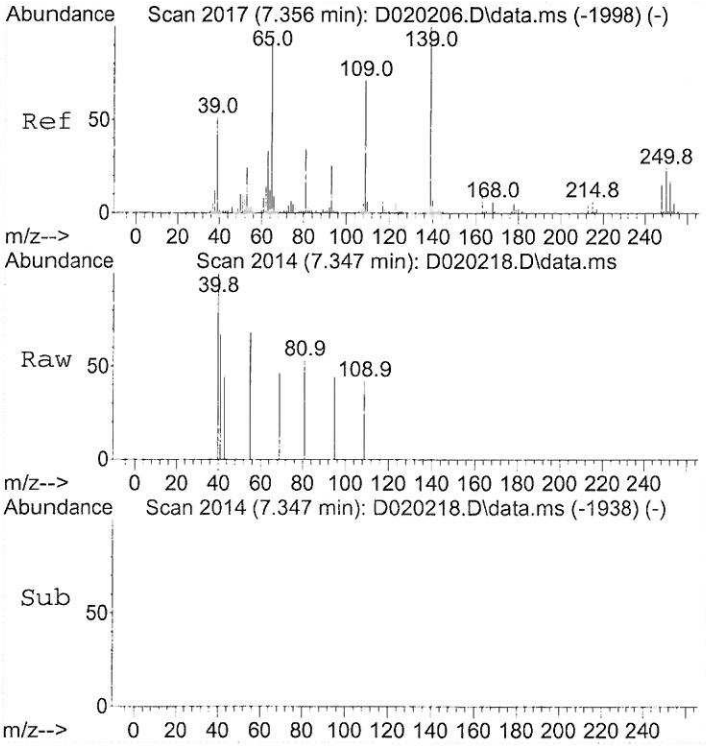


#17
N-Nitroso-Di-N-Propylamine
Concen: 19.03 ug/ml
RT: 4.795 min Scan# 1193
Delta R.T. 0.096 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion: 70 Resp: 14974

Ion	Ratio	Lower	Upper
70	100		
42	44.0	44.4	66.6#
101	0.0	8.2	12.4#
130	1.6	18.0	27.0#

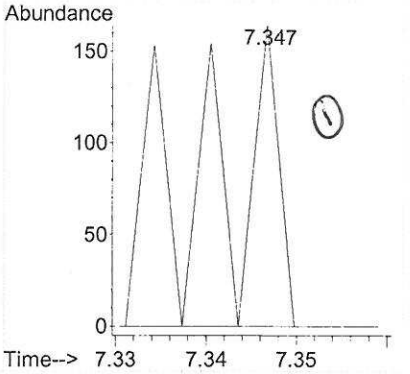


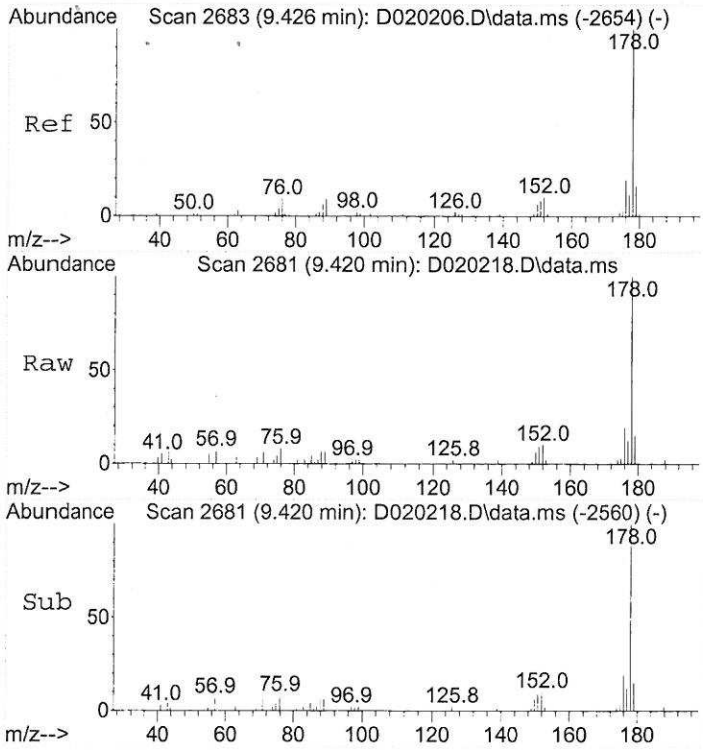


#50
4-Nitrophenol
Concen: 5.44 ug/ml
RT: 7.347 min Scan# 2014
Delta R.T. -0.009 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:109 Resp: 59

Ion	Ratio	Lower	Upper
109	100		
139	220.3	108.2	162.2#
65	0.0	109.8	164.8#

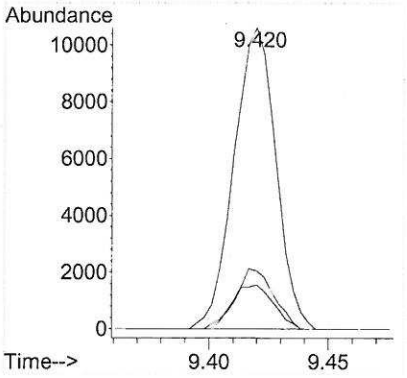


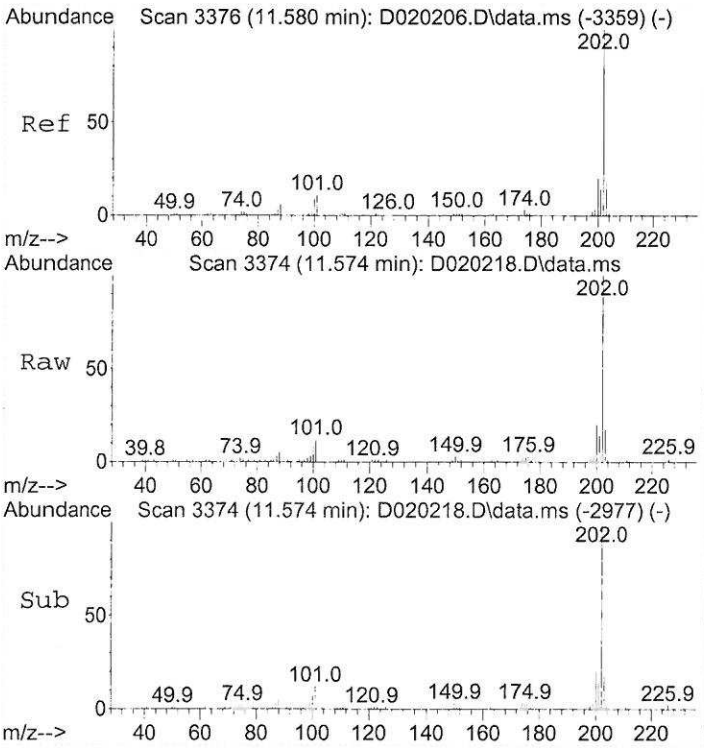


#65
Phenanthrene
Concen: 3.18 ug/ml
RT: 9.420 min Scan# 2681
Delta R.T. -0.006 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:178 Resp: 12935

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.0	15.4	23.0

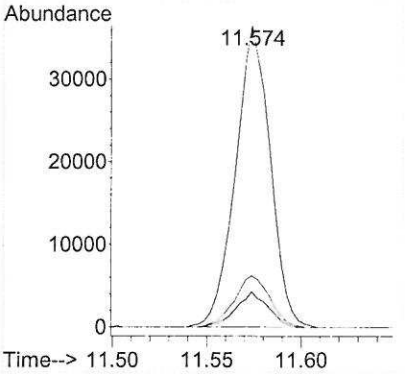


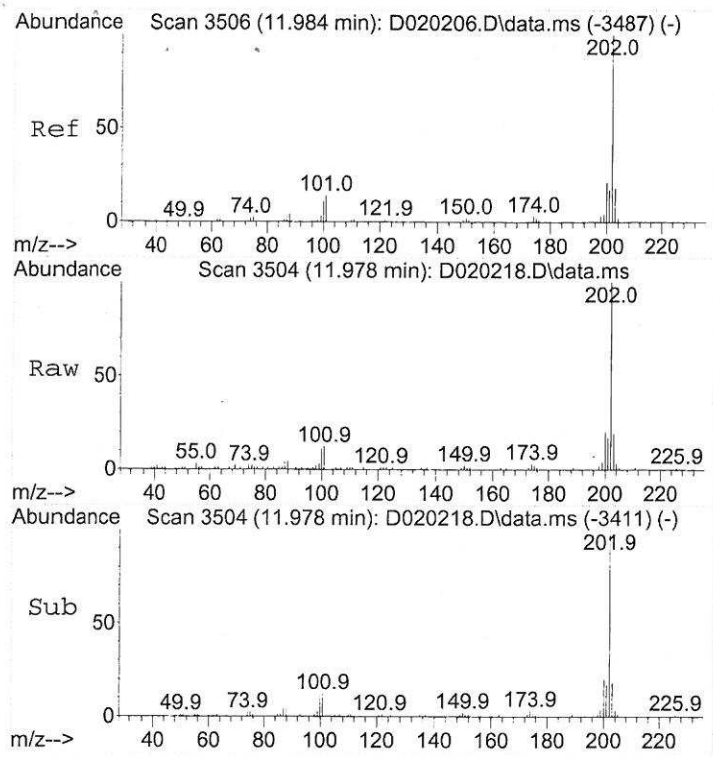


#69
Flouranthene
Concen: 10.97 ug/ml
RT: 11.574 min Scan# 3374
Delta R.T. -0.006 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:202 Resp: 46398

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.0	13.4
203	17.5	13.9	20.9

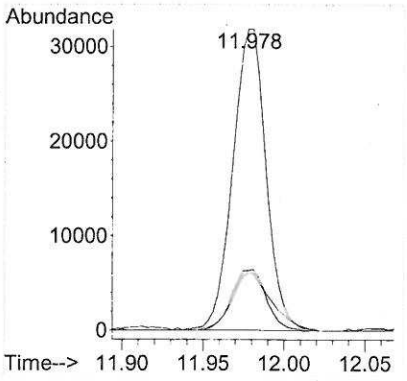


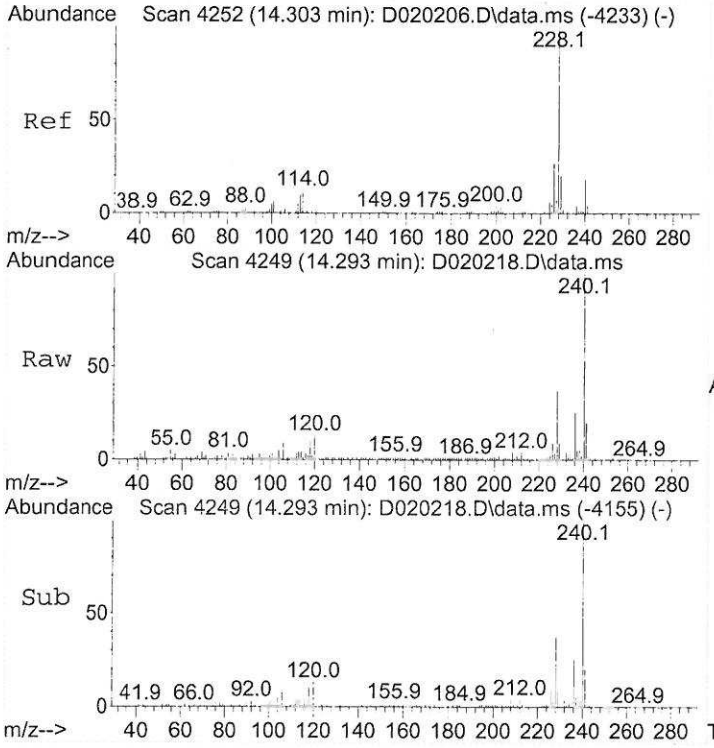


#73
Pyrene
Concen: 6.02 ug/ml
RT: 11.978 min Scan# 3504
Delta R.T. -0.006 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:202 Resp: 45548

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	22.4	14.3	21.5#

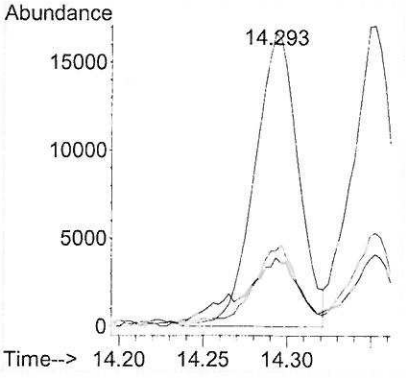


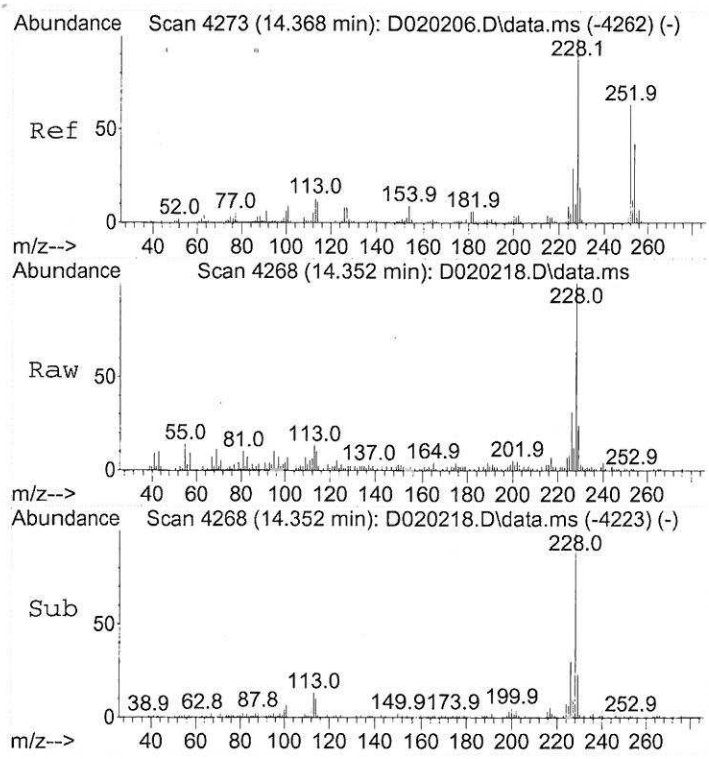


#76
Benzo(a)anthracene
Concen: 5.02 ug/ml
RT: 14.293 min Scan# 4249
Delta R.T. -0.009 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:228 Resp: 30075

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	30.0	20.8	31.2

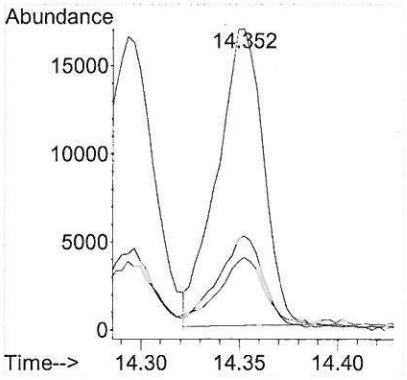


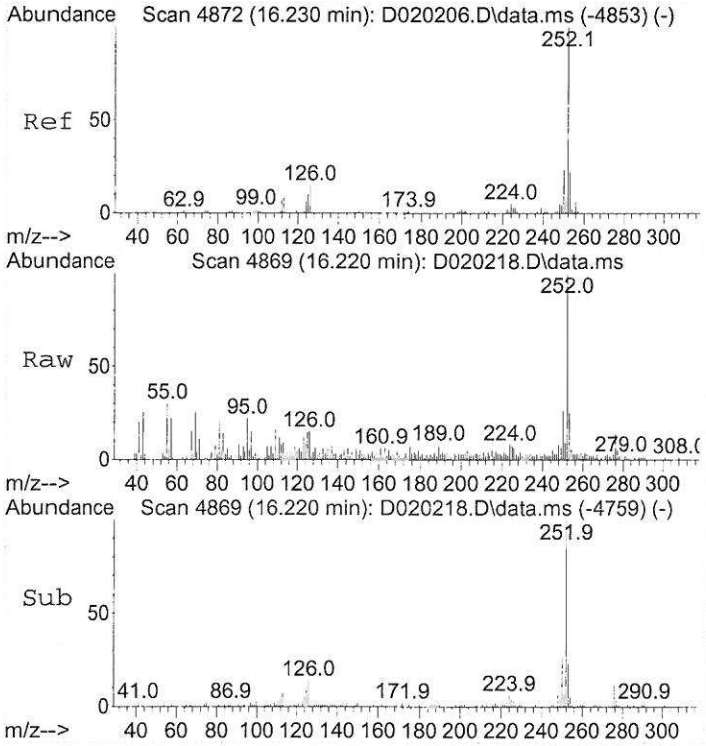


#77
Chrysene
Concen: 4.76 ug/ml
RT: 14.352 min Scan# 4268
Delta R.T. -0.016 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:228 Resp: 27536

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	23.3	15.6	23.4

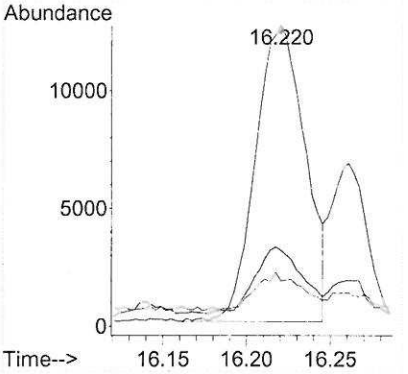


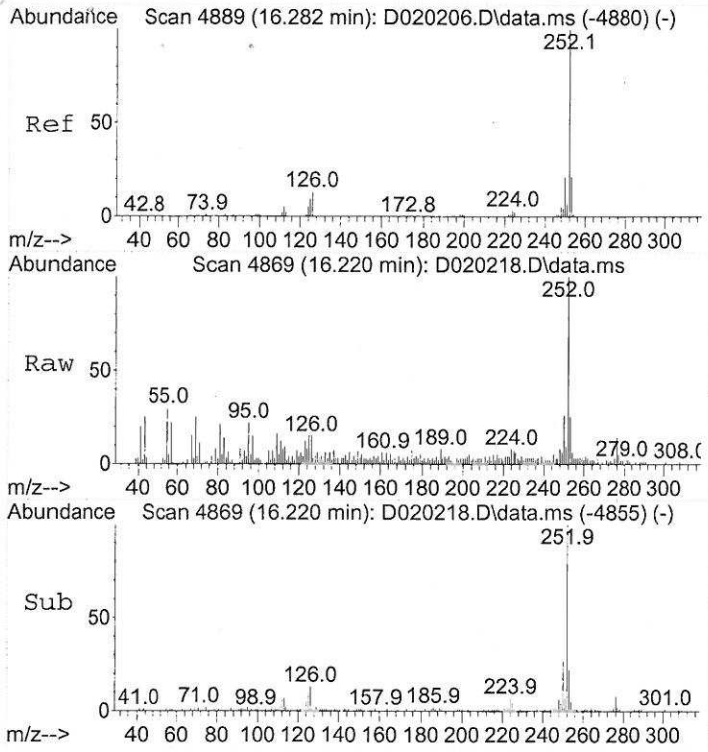


#81
Benzo(b)fluoranthene
Concen: 7.17 ug/ml
RT: 16.220 min Scan# 4869
Delta R.T. -0.009 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:252 Resp: 25867

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.4
125	12.1	9.8	14.6

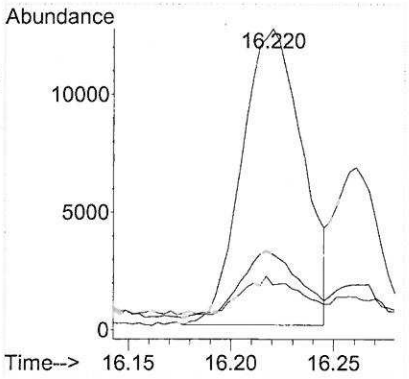


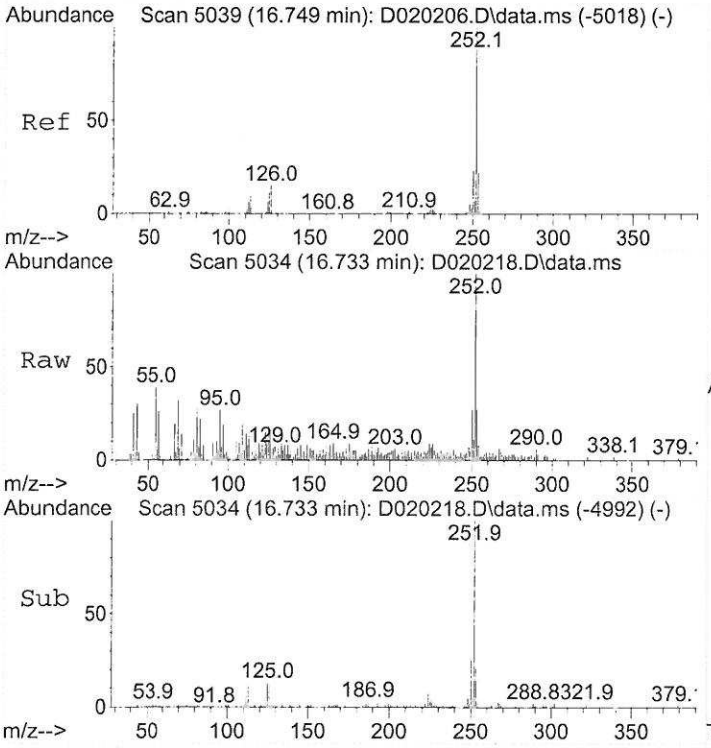


#82
Benzo(k)fluoranthene
Concen: 7.39 ug/ml
RT: 16.220 min Scan# 4869
Delta R.T. -0.062 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:252 Resp: 25681

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.9	25.3
125	11.8	8.0	12.0

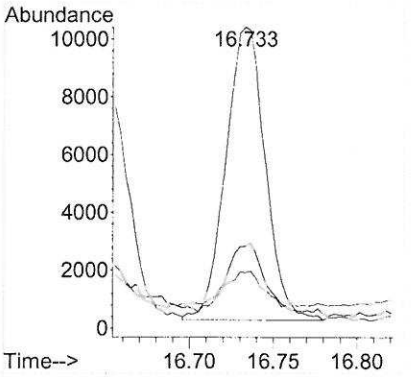


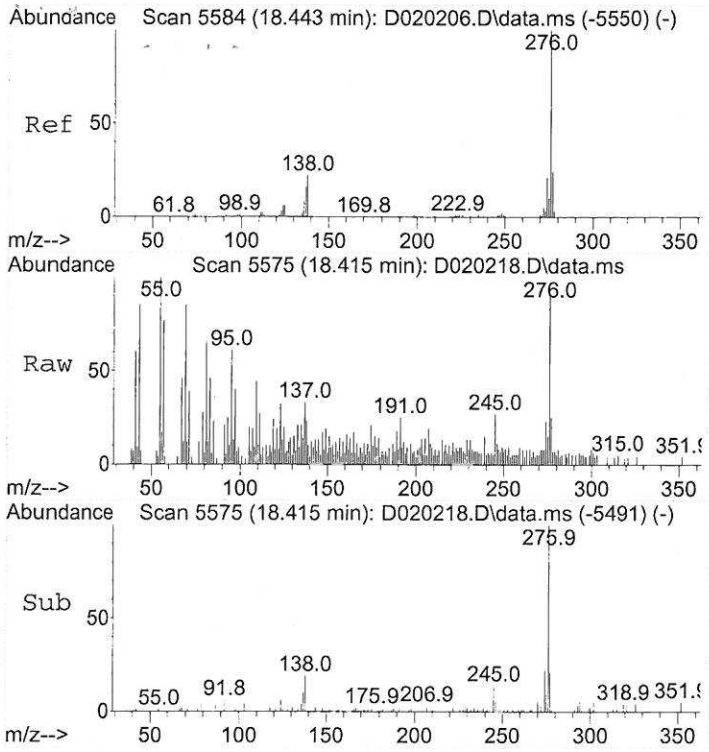


#83
Benzo(a)pyrene
Concen: 5.18 ug/ml
RT: 16.733 min Scan# 5034
Delta R.T. -0.016 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:252 Resp: 16613

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	13.0	9.0	13.6

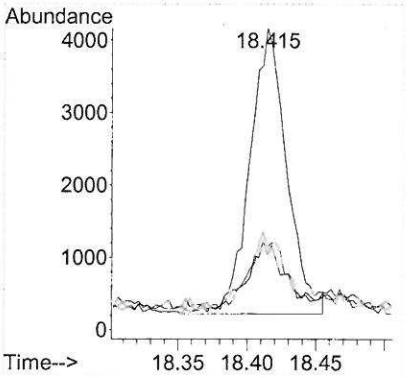


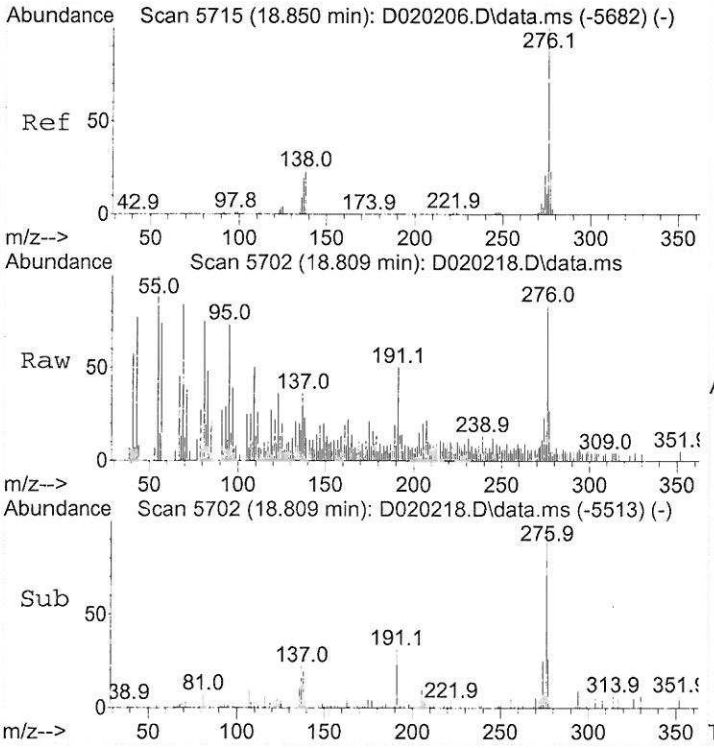


#84
Indeno(1,2,3-cd)pyrene
Concen: 2.97 ug/ml
RT: 18.415 min Scan# 5575
Delta R.T. -0.028 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:276 Resp: 7365

Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.6	27.8
277	25.3	19.2	28.8

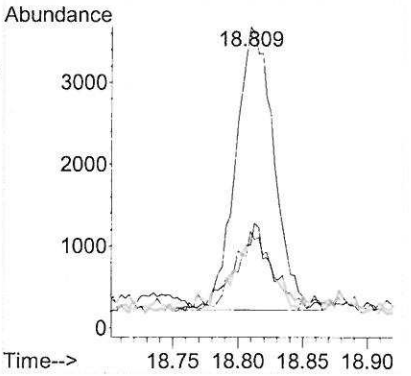




#86
Benzo(g,h,i)perylene
Concen: 2.67 ug/ml
RT: 18.809 min Scan# 5702
Delta R.T. -0.040 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:276 Resp: 7141

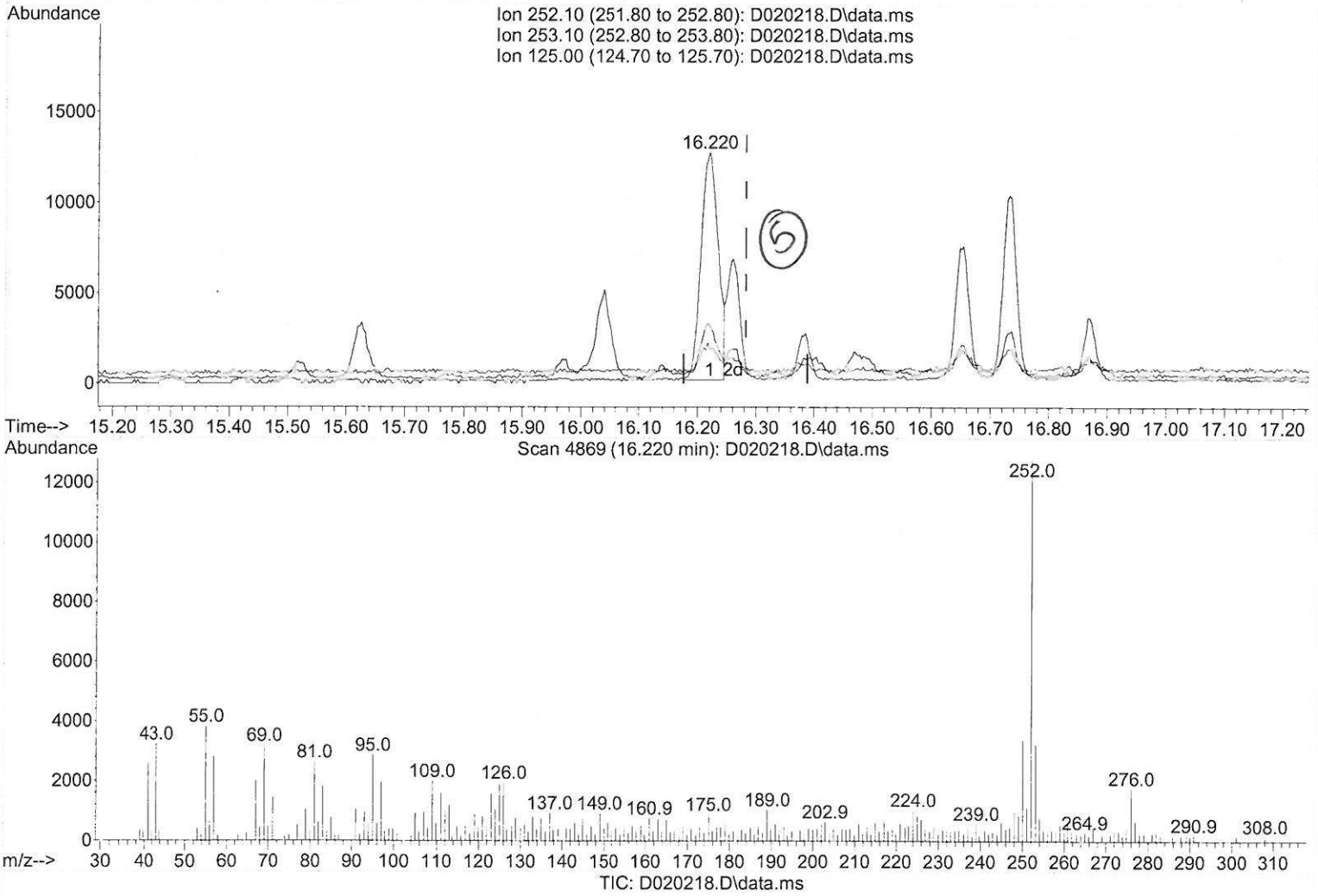
Ion	Ratio	Lower	Upper
276	100		
138	27.1	19.8	29.8
277	24.5	18.8	28.2



Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X Inst : GCMSSV4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 03 09:16:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration



(82) Benzo(k)fluoranthene

16.220min (-0.062) 7.39 ug/ml

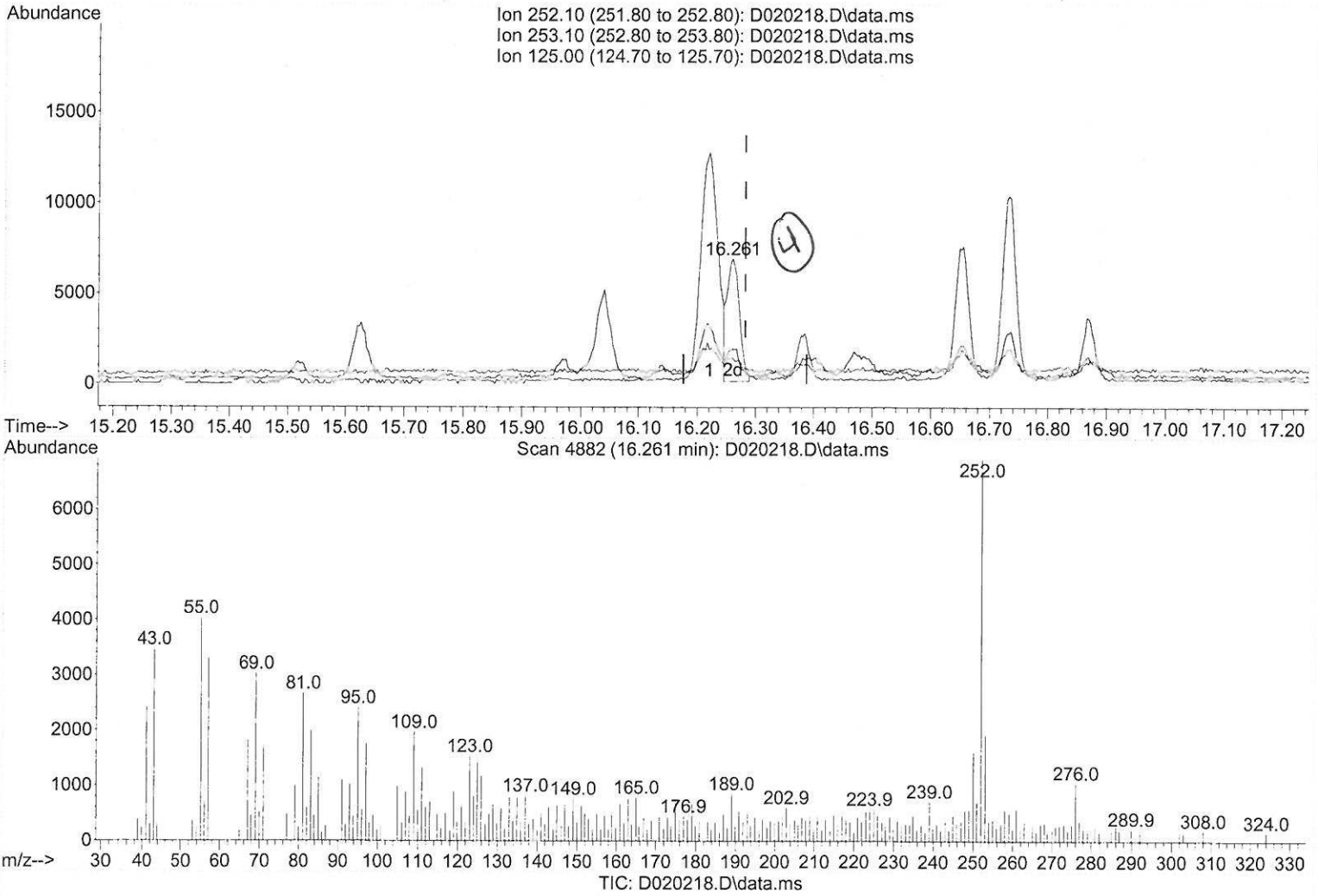
response 25681

Ion	Exp%	Act%
252.10	100	100
253.10	21.10	21.84
125.00	10.00	11.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : 0:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X Inst : GCMSSV4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 03 09:16:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration



(82) Benzo(k)fluoranthene

16.261min (-0.022) 2.89 ug/ml m

response 10060

Ion	Exp%	Act%
252.10	100	100
253.10	21.10	55.76#
125.00	10.00	30.11#
0.00	0.00	0.00

Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.656	186.5	ug/ml	1183600	1	4.372	253834	40.0
2-Pentanone, 4-...	2.890	11.4	ug/ml	72630	1	4.372	253834	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020218.D\data.ms

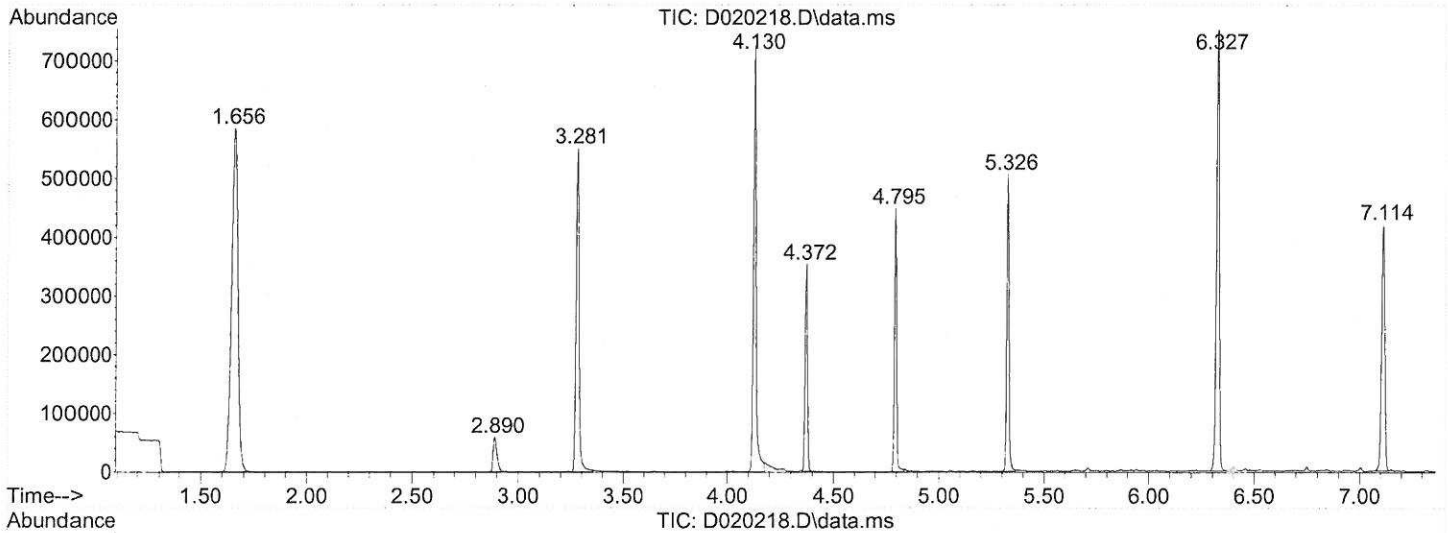
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.656	164	183	203	rBV	584952	1183604	100.00%	15.689%
2	2.890	574	580	596	rBV	58435	72630	6.14%	0.963%
3	3.281	698	706	730	rBV	551801	561222	47.42%	7.439%
4	4.130	969	979	993	rBV	724851	636410	53.77%	8.436%
5	4.372	1051	1057	1066	rVB	352759	253834	21.45%	3.365%
6	4.795	1186	1193	1206	rBV	448814	319123	26.96%	4.230%
7	5.326	1357	1364	1376	rBV	505882	376849	31.84%	4.995%
8	6.327	1674	1686	1698	rBV	751653	701532	59.27%	9.299%
9	7.114	1926	1939	1948	rBV	420211	434455	36.71%	5.759%
10	8.257	2295	2307	2322	rVB	469407	563141	47.58%	7.464%
11	9.382	2655	2669	2676	rBV	308554	390064	32.96%	5.170%
12	9.417	2676	2680	2688	rVB	26696	29625	2.50%	0.393%
13	10.393	2986	2994	3001	rBV	18213	21194	1.79%	0.281%
14	11.574	3364	3374	3383	rVB	83607	106398	8.99%	1.410%
15	11.723	3416	3422	3431	rBV9	9621	11958	1.01%	0.159%
16	11.981	3496	3505	3521	rVB	75581	127011	10.73%	1.684%
17	12.419	3633	3646	3655	rBV2	577403	814978	68.86%	10.803%
18	14.312	4242	4255	4263	rBV	398105	638677	53.96%	8.466%
19	16.833	5058	5066	5075	rVB	195608	301617	25.48%	3.998%

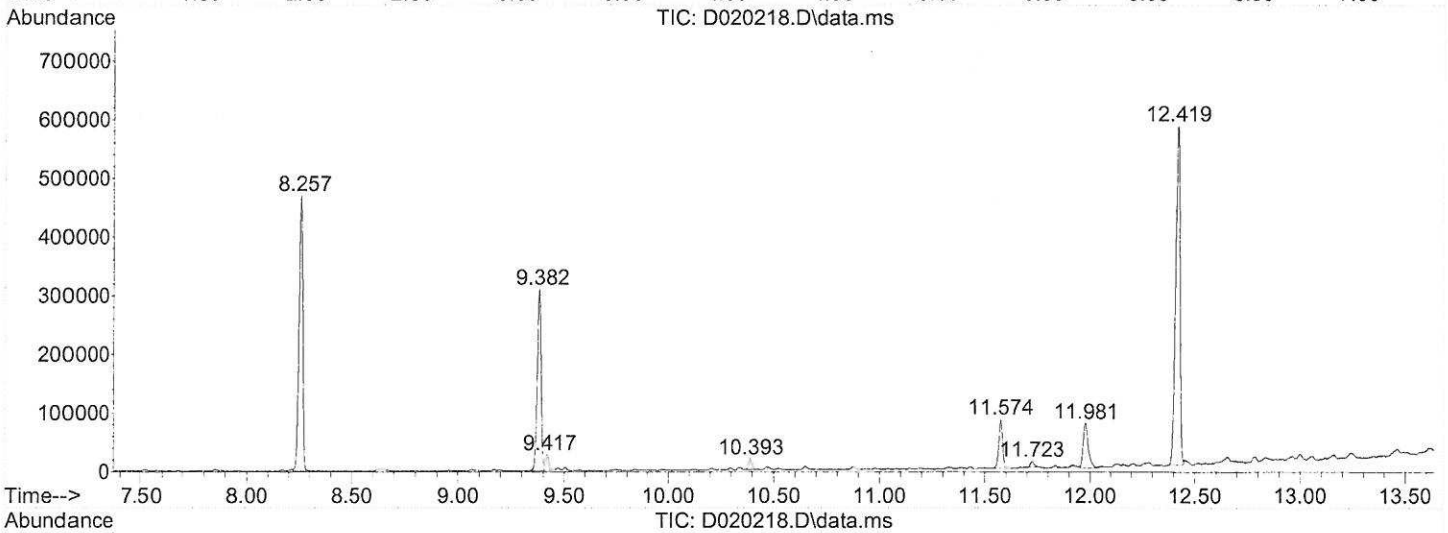
Sum of corrected areas: 7544322

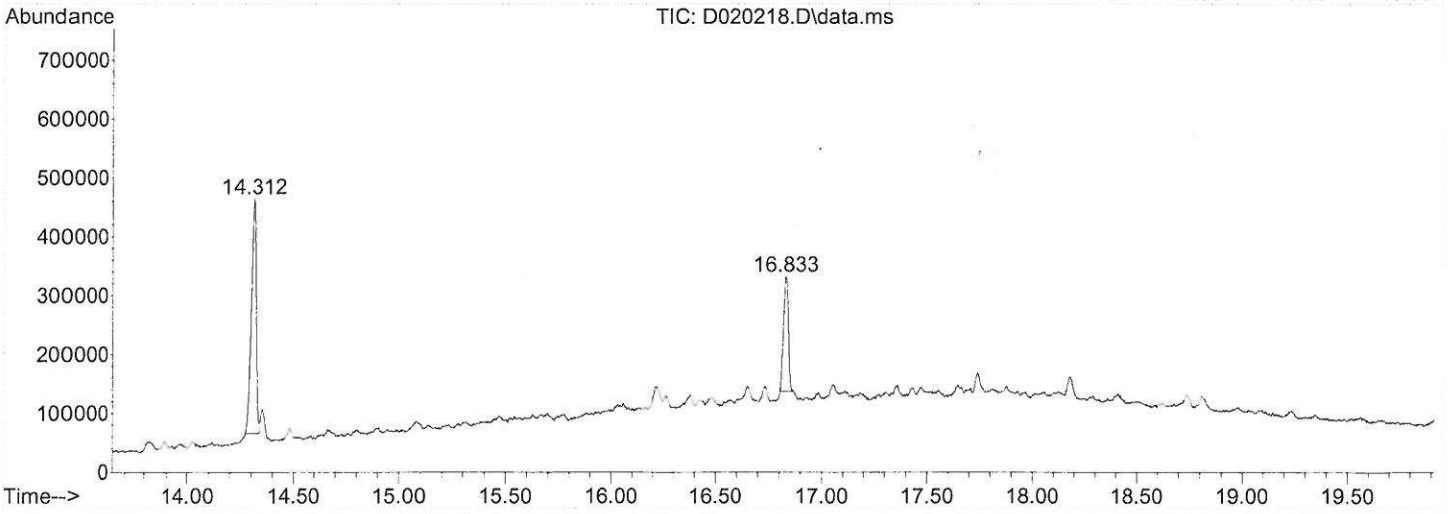
Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p







Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

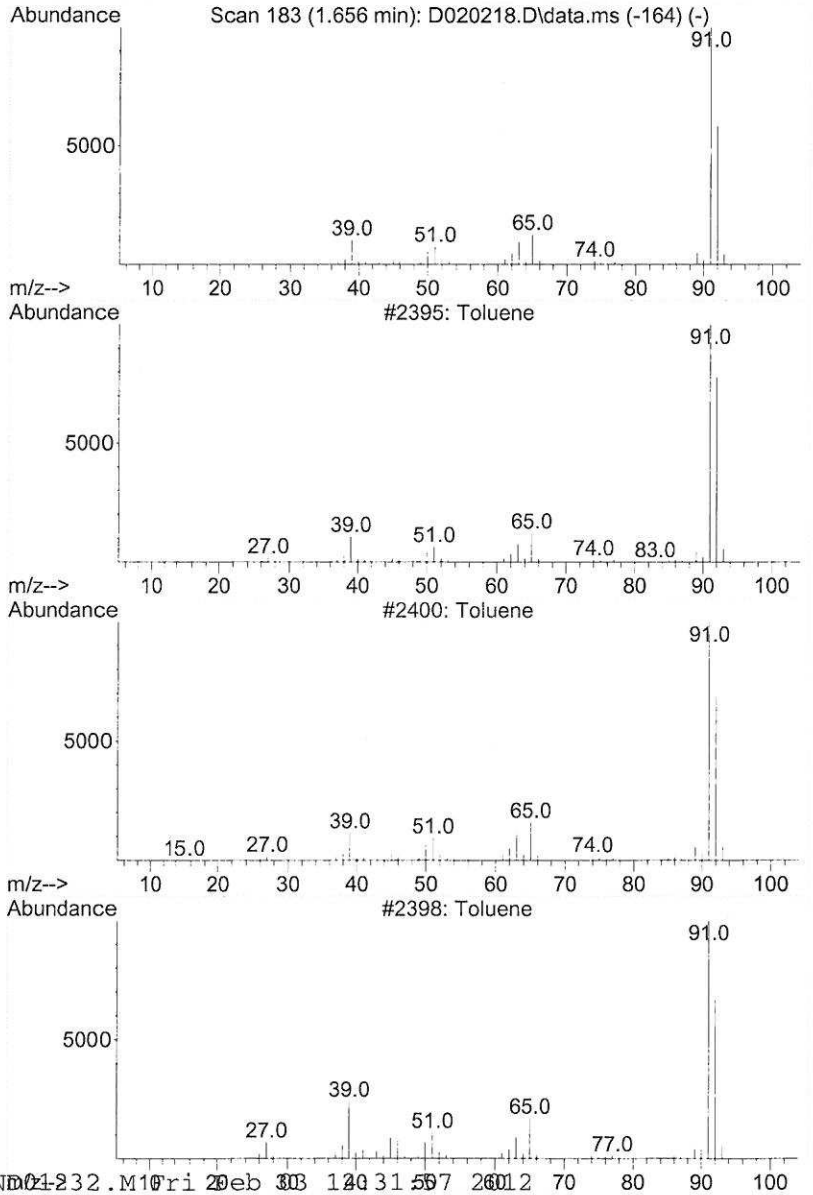
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

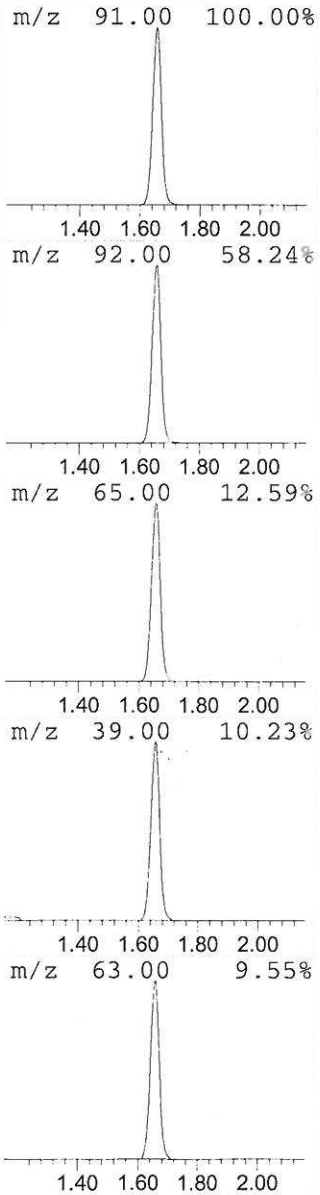
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.656	186.52 ug/ml	1183600	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

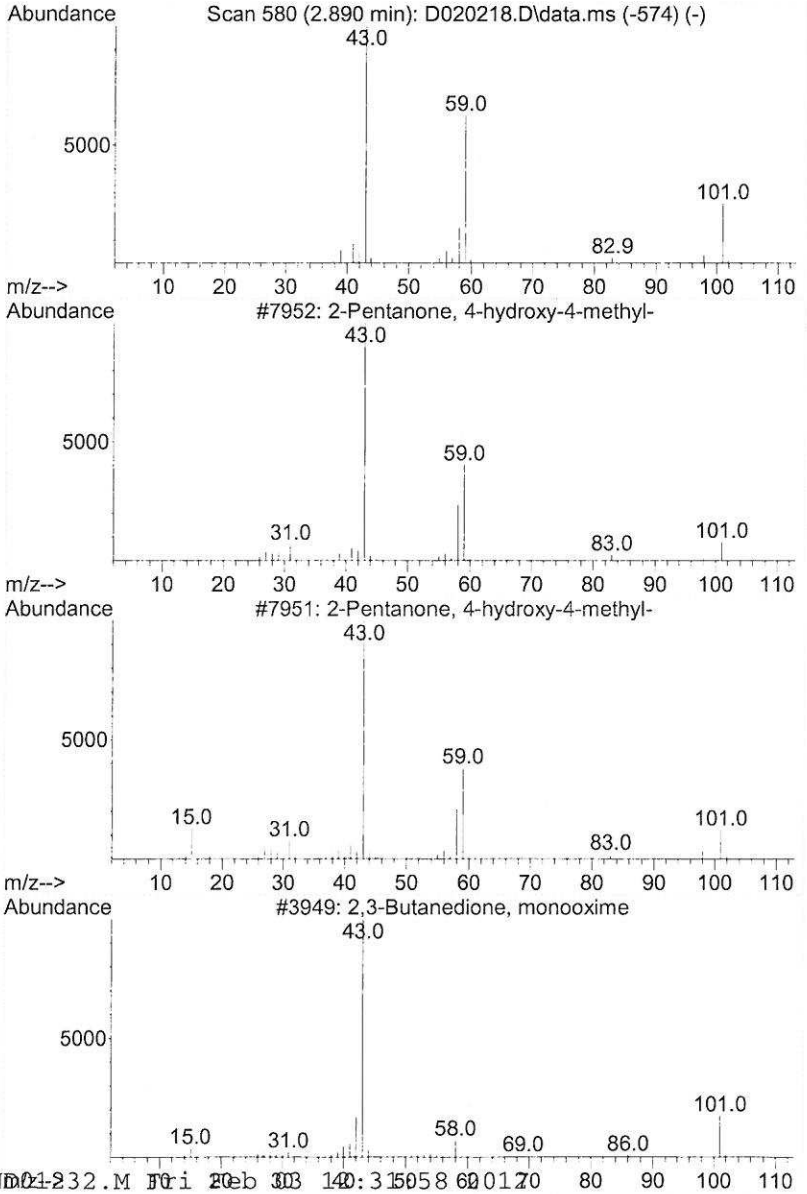
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

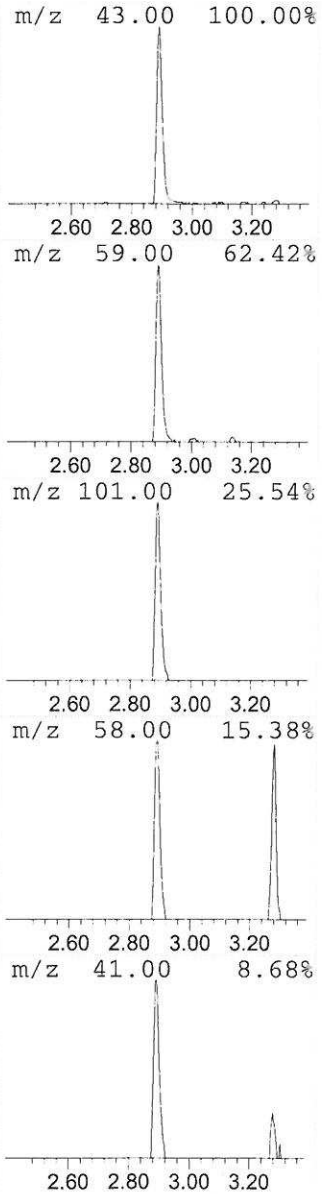
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.890	11.45 ug/ml	72630	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	D020214.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:28
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.2 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene		0.086	0.18	
208-96-8	Acenaphthylene		0.086	0.18	
98-86-2	Acetophenone		0.13	0.36	
62-53-3	Aniline		0.12	0.36	
120-12-7	Anthracene		0.086	0.18	
92-87-5	Benzidine		0.086	0.36	L-04, V-20
56-55-3	Benzo(a)anthracene		0.086	0.18	
50-32-8	Benzo(a)pyrene	0.18	0.096	0.18	
205-99-2	Benzo(b)fluoranthene	0.25	0.096	0.18	
191-24-2	Benzo(g,h,i)perylene		0.075	0.18	
207-08-9	Benzo(k)fluoranthene		0.11	0.18	
65-85-0	Benzoic Acid		0.16	1.1	L-04, V-20
111-91-1	Bis(2-chloroethoxy)methane		0.096	0.36	
111-44-4	Bis(2-chloroethyl)ether		0.11	0.36	
39638-32-9	Bis(2-chloroisopropyl)ether		0.11	0.36	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.11	0.36	
101-55-3	4-Bromophenylphenylether		0.075	0.36	
85-68-7	Butylbenzylphthalate		0.12	0.71	
86-74-8	Carbazole		0.086	0.18	
106-47-8	4-Chloroaniline		0.096	0.71	
59-50-7	4-Chloro-3-methylphenol		0.11	0.71	
91-58-7	2-Chloronaphthalene		0.075	0.36	
95-57-8	2-Chlorophenol		0.096	0.36	
7005-72-3	4-Chlorophenylphenylether		0.13	0.36	
218-01-9	Chrysene		0.086	0.18	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	D020214.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:28
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.2 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.075	0.18	
132-64-9	Dibenzofuran		0.086	0.36	
84-74-2	Di-n-butylphthalate		0.086	0.36	
95-50-1	1,2-Dichlorobenzene		0.086	0.36	
541-73-1	1,3-Dichlorobenzene		0.086	0.36	
106-46-7	1,4-Dichlorobenzene		0.086	0.36	
91-94-1	3,3-Dichlorobenzidine		0.064	0.18	
120-83-2	2,4-Dichlorophenol		0.086	0.36	
84-66-2	Diethylphthalate		0.11	0.36	
105-67-9	2,4-Dimethylphenol		0.075	0.36	
131-11-3	Dimethylphthalate		0.11	0.71	
534-52-1	4,6-Dinitro-2-methylphenol		0.043	0.36	V-20
51-28-5	2,4-Dinitrophenol		0.043	0.71	V-20
121-14-2	2,4-Dinitrotoluene		0.12	0.36	
606-20-2	2,6-Dinitrotoluene		0.12	0.36	
117-84-0	Di-n-octylphthalate		0.14	0.71	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.086	0.36	
206-44-0	Fluoranthene	0.23	0.075	0.18	
86-73-7	Fluorene		0.096	0.18	
118-74-1	Hexachlorobenzene		0.086	0.36	
87-68-3	Hexachlorobutadiene		0.064	0.36	
77-47-4	Hexachlorocyclopentadiene		0.064	0.71	
67-72-1	Hexachloroethane		0.086	0.36	
193-39-5	Indeno(1,2,3-cd)pyrene		0.075	0.18	
78-59-1	Isophorone		0.11	0.36	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	D020214.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:28
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.2 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
90-12-0	1-Methylnaphthalene		0.11	0.18	
91-57-6	2-Methylnaphthalene		0.11	0.18	
95-48-7	2-Methylphenol		0.14	0.36	
108-39-4/106-44	3/4-Methylphenol		0.17	0.36	
91-20-3	Naphthalene		0.075	0.18	
88-74-4	2-Nitroaniline		0.11	0.36	
99-09-2	3-Nitroaniline		0.11	0.36	
100-01-6	4-Nitroaniline		0.13	0.36	
98-95-3	Nitrobenzene		0.075	0.36	
88-75-5	2-Nitrophenol		0.053	0.36	
100-02-7	4-Nitrophenol		0.043	0.71	
62-75-9	N-Nitrosodimethylamine		0.064	0.36	
86-30-6	N-Nitrosodiphenylamine		0.12	0.36	
621-64-7	N-Nitrosodi-n-propylamine		0.14	0.36	
82-68-8	Pentachloronitrobenzene		0.12	0.36	
87-86-5	Pentachlorophenol		0.064	0.36	V-20
85-01-8	Phenanthrene		0.086	0.18	
108-95-2	Phenol		0.096	0.36	
129-00-0	Pyrene		0.11	0.18	
110-86-1	Pyridine		0.086	0.36	
95-94-3	1,2,4,5-Tetrachlorobenzene		0.075	0.36	
120-82-1	1,2,4-Trichlorobenzene		0.064	0.36	
95-95-4	2,4,5-Trichlorophenol		0.11	0.36	
88-06-2	2,4,6-Trichlorophenol		0.075	0.36	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02 Inst : GCMSSV4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 03 09:15:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

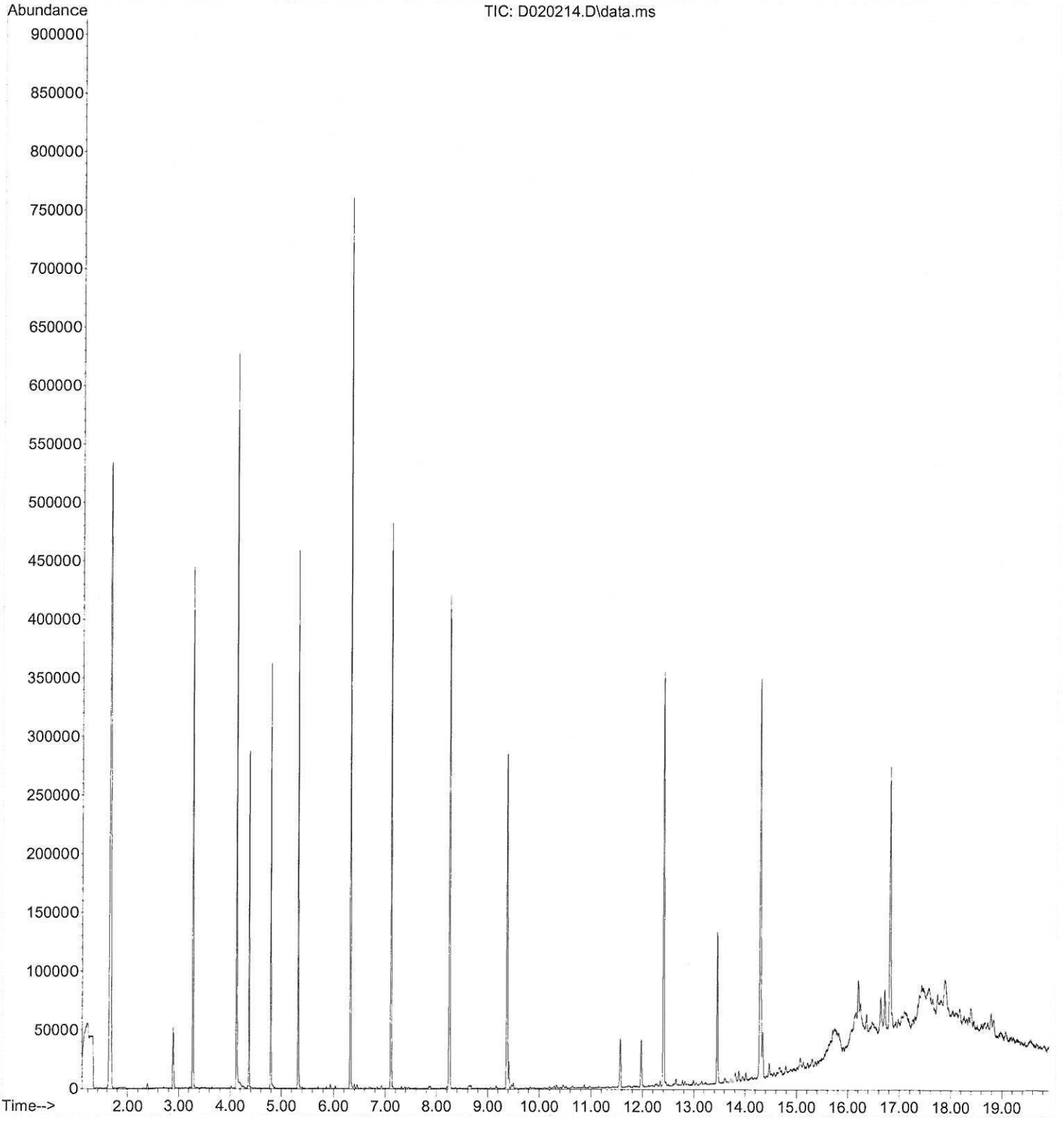
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	55735	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.323	136	164484	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	123374	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	158995	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.299	240	189104	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.820	264	123109	40.00	ug/ml	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol	3.278	112	123598	134.22	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 67.11%			
3) Phenol-d6	4.127	99	181855	155.74	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 77.87%			
20) Nitrobenzene-d5	4.792	82	87059	56.36	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 56.36%			
36) 2-Fluorobiphenyl	6.324	172	223094	65.26	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 65.26%			
37) 2,4,6-Tribromophenol	8.251	330	57297	92.57	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 46.28%			
71) Terphenyl-d14	12.413	244	153442	41.41	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 41.41%			
Target Compounds						Qvalue
17) N-Nitroso-Di-N-Propyla...	4.792	70	11910	18.34	ug/ml#	77
65) Phenanthrene	9.414	178	11895	3.05	ug/ml	97
69) Flouranthene	11.567	202	26092	6.42	ug/ml	100
73) Pyrene	11.971	202	25691	4.20	ug/ml	96
74) Butylbenzyl phthalate	13.460	149	44225	18.51	ug/ml	98
76) Benzo(a)anthracene	14.343	228	20137	4.16	ug/ml	91
77) Chrysene	14.343	228	20666	4.42	ug/ml#	95
81) Benzo(b)fluoranthene	16.205	252	25931	7.11	ug/ml	99
82) Benzo(k)fluoranthene	16.245	252	9069	2.58	ug/ml	94
83) Benzo(a)pyrene	16.718	252	16777	5.18	ug/ml	96
84) Indeno(1,2,3-cd)pyrene	18.396	276	7258	2.89	ug/ml	97
86) Benzo(g,h,i)perylene	18.788	276	7000	2.59	ug/ml#	86

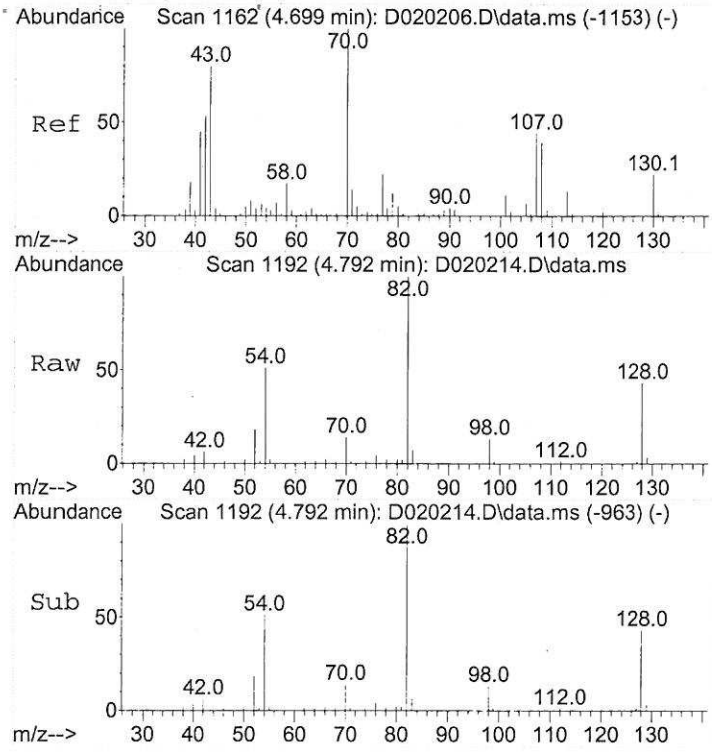
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02 Inst : GCMSSV4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 03 09:15:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

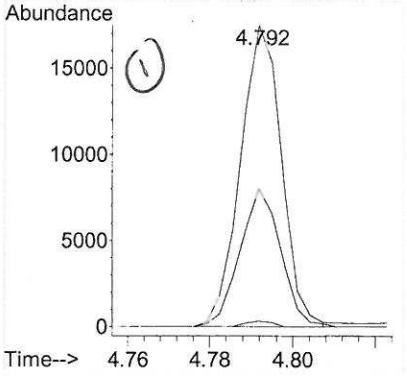


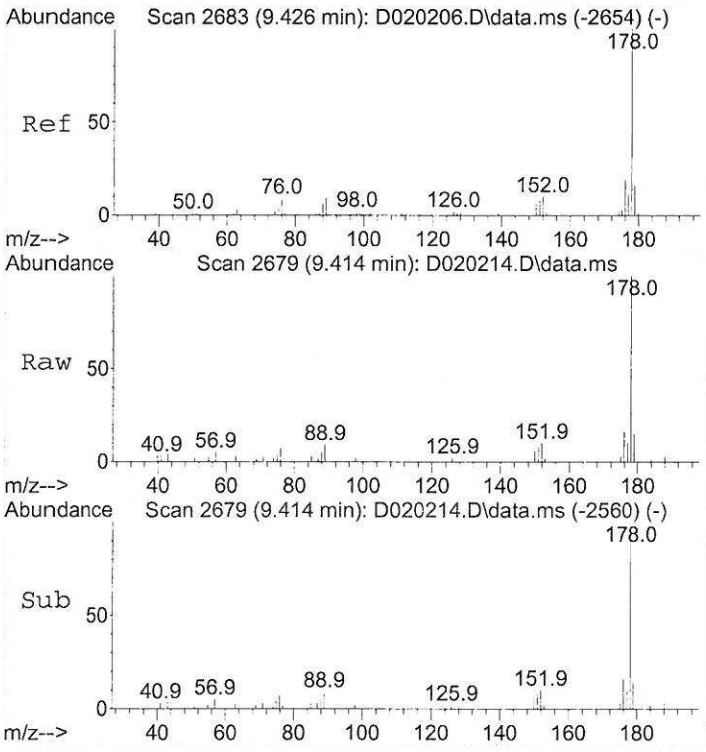


#17
N-Nitroso-Di-N-Propylamine
Concen: 18.34 ug/ml
RT: 4.792 min Scan# 1192
Delta R.T. 0.093 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion: 70 Resp: 11910

Ion	Ratio	Lower	Upper
70	100		
42	45.5	44.4	66.6
101	0.0	8.2	12.4#
130	1.2	18.0	27.0#

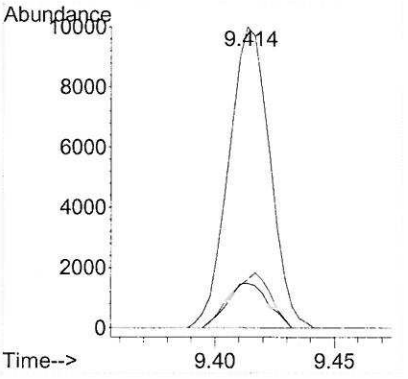


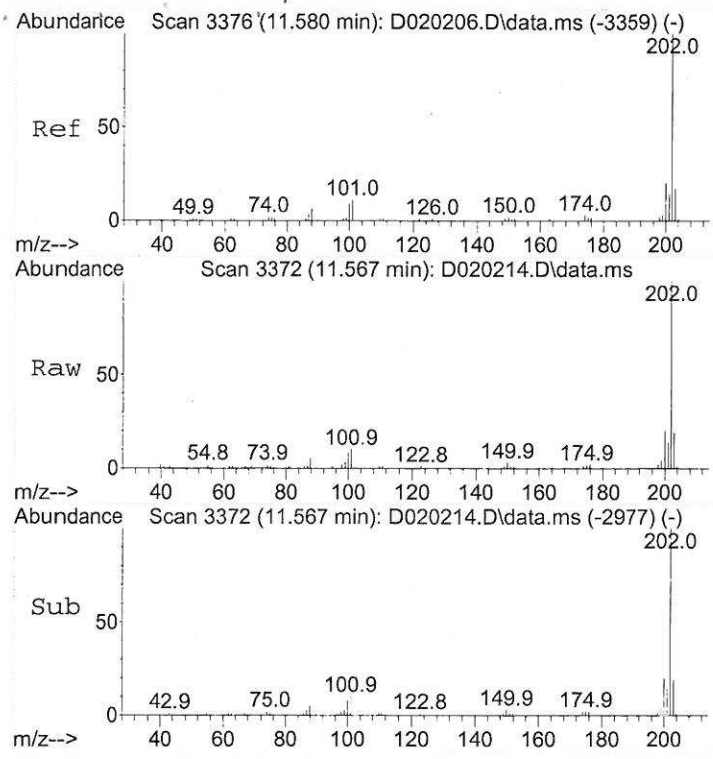


#65
Phenanthrene
Concen: 3.05 ug/ml
RT: 9.414 min Scan# 2679
Delta R.T. -0.012 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:178 Resp: 11895

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	17.5	15.4	23.0

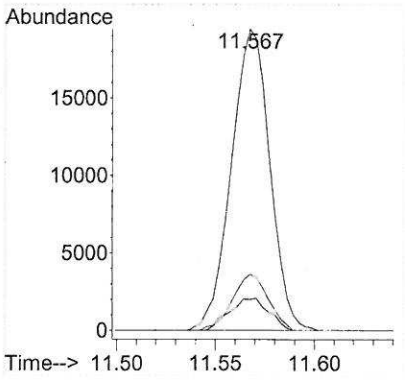


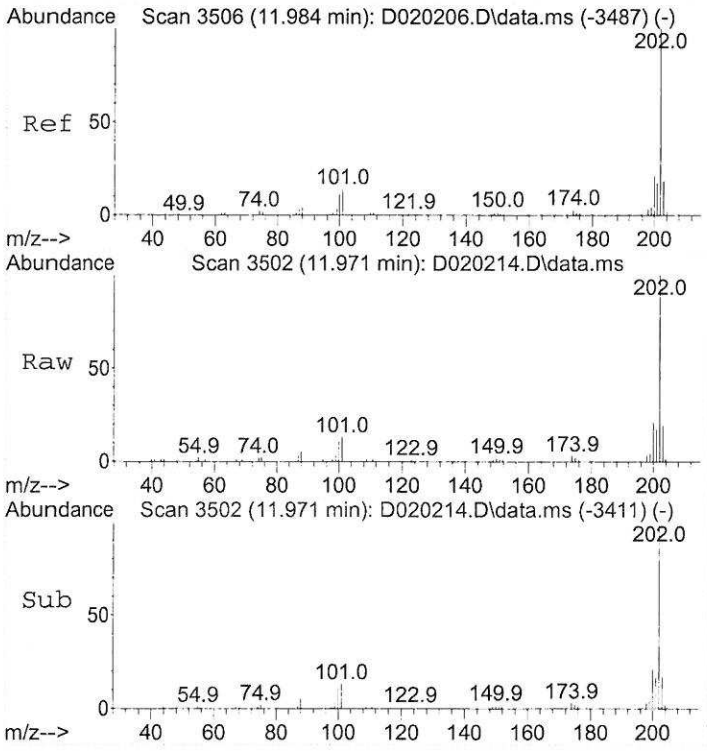


#69
Flouranthene
Concen: 6.42 ug/ml
RT: 11.567 min Scan# 3372
Delta R.T. -0.012 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:202 Resp: 26092

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.0	13.4
203	17.4	13.9	20.9

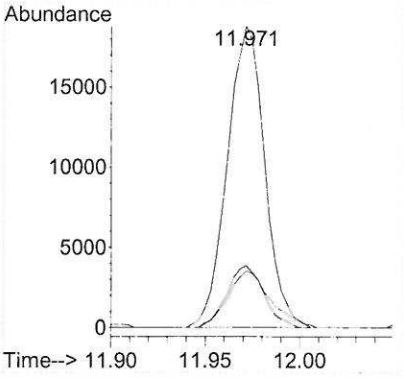


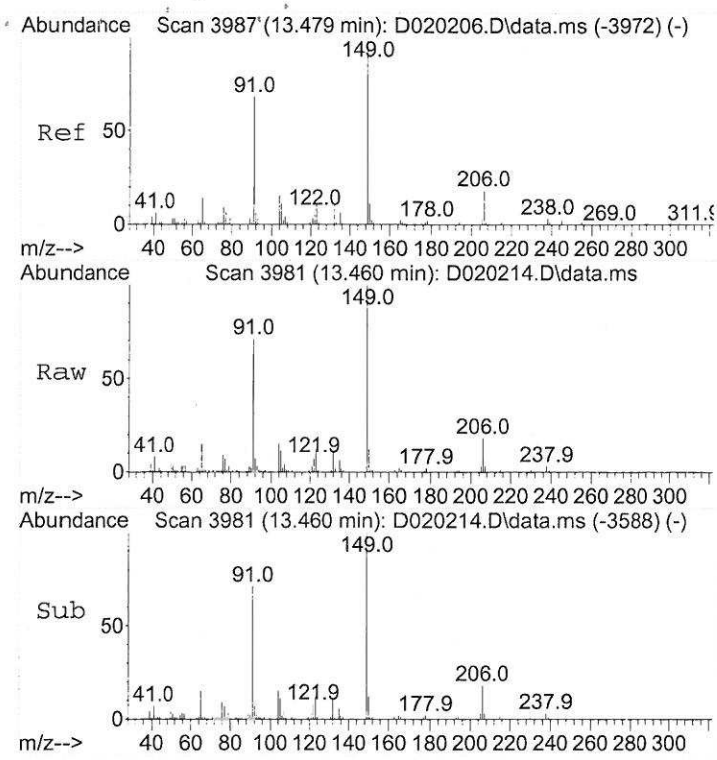


#73
Pyrene
Concen: 4.20 ug/ml
RT: 11.971 min Scan# 3502
Delta R.T. -0.012 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:202 Resp: 25691

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	20.9	14.3	21.5

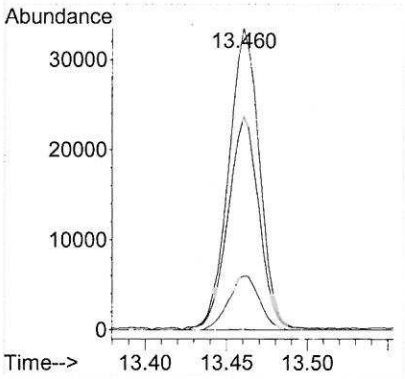


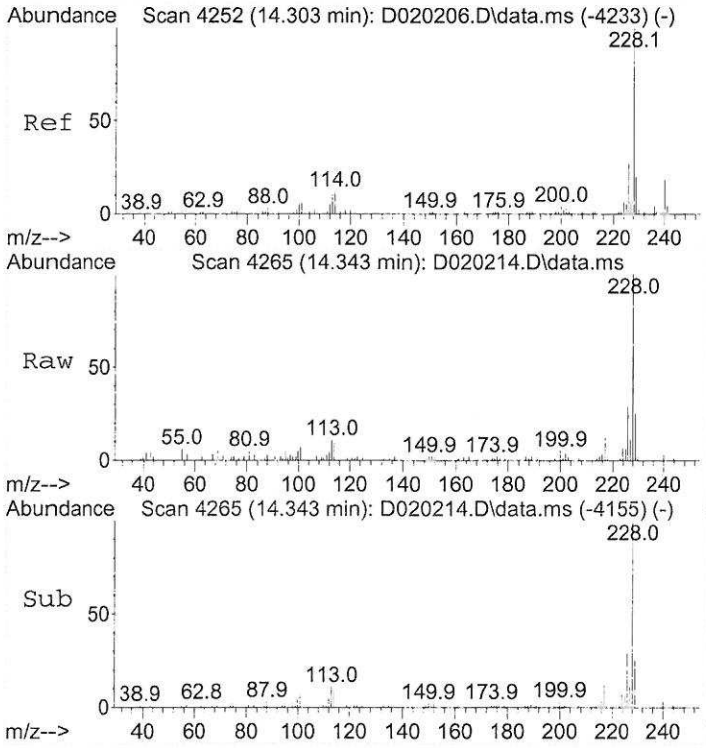


#74
Butylbenzyl phthalate
Concen: 18.51 ug/ml
RT: 13.460 min Scan# 3981
Delta R.T. -0.019 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:149 Resp: 44225

Ion	Ratio	Lower	Upper
149	100		
91	71.3	55.4	83.0
206	17.9	14.4	21.6

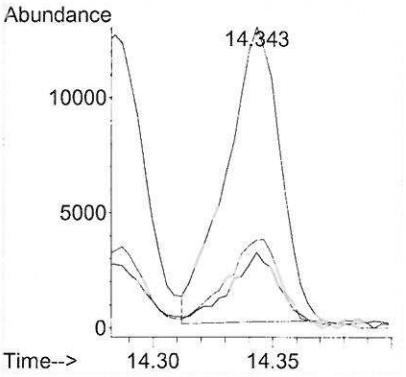


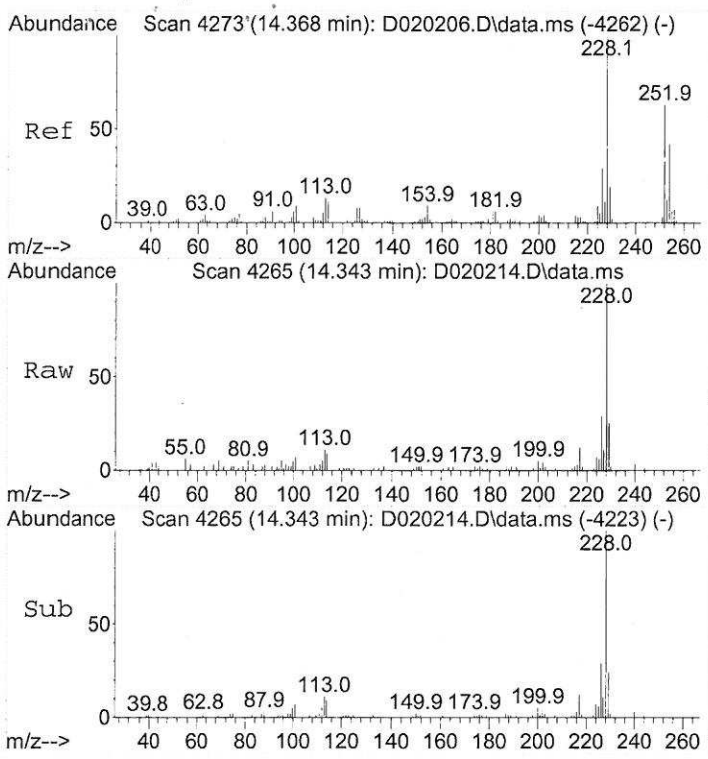


#76
Benzo(a)anthracene
Concen: 4.16 ug/ml
RT: 14.343 min Scan# 4265
Delta R.T. 0.040 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:228 Resp: 20137

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.6
226	31.2	20.8	31.2

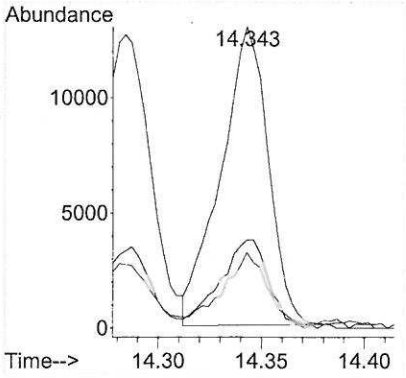


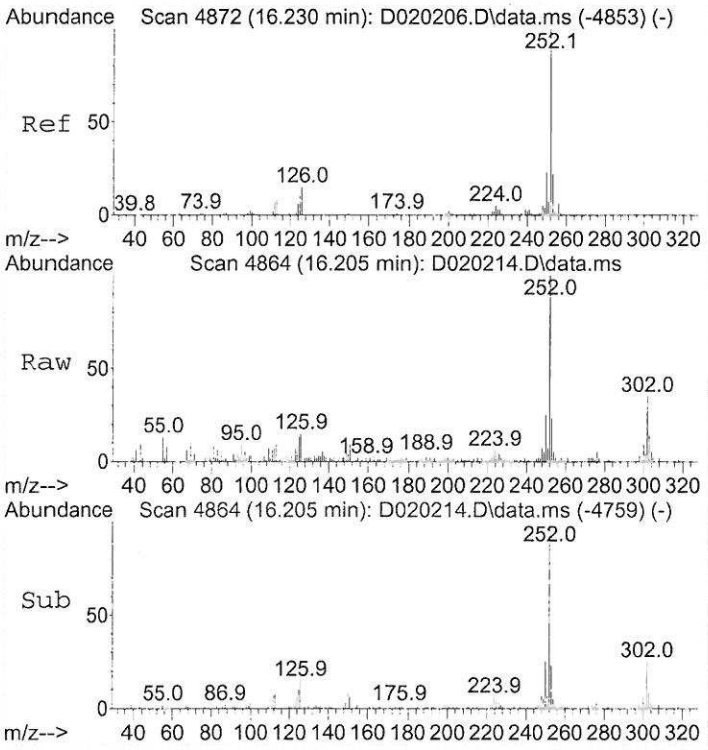


#77
Chrysene
Concen: 4.42 ug/ml
RT: 14.343 min Scan# 4265
Delta R.T. -0.025 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:228 Resp: 20666

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	24.5	15.6	23.4#

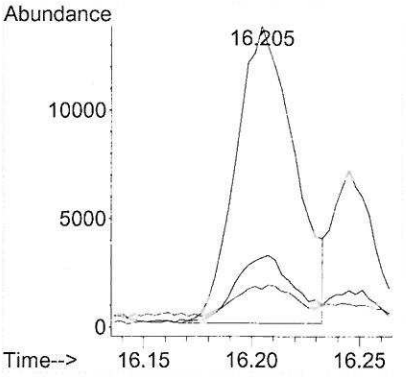


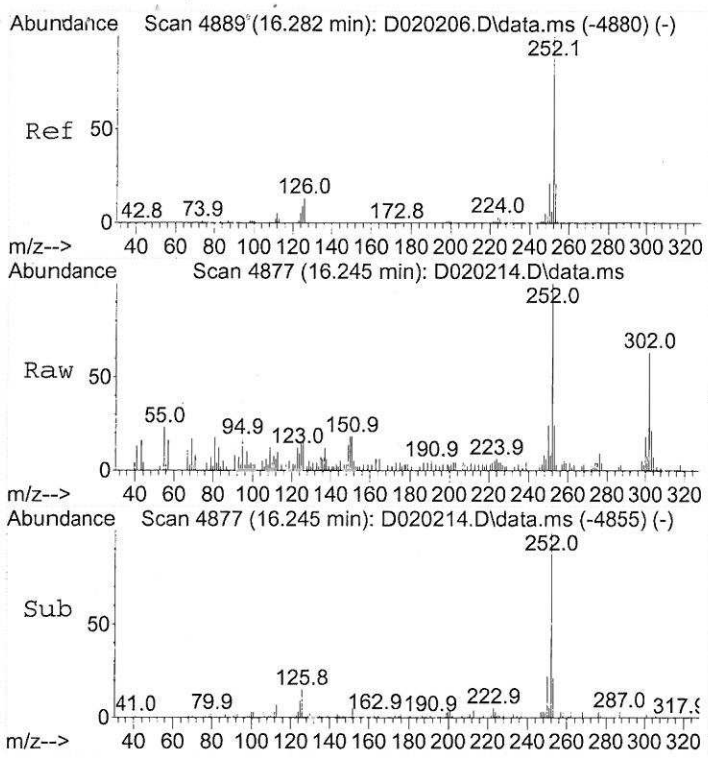


#81
Benzo(b)fluoranthene
Concen: 7.11 ug/ml
RT: 16.205 min Scan# 4864
Delta R.T. -0.025 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:252 Resp: 25931

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.4
125	11.3	9.8	14.6

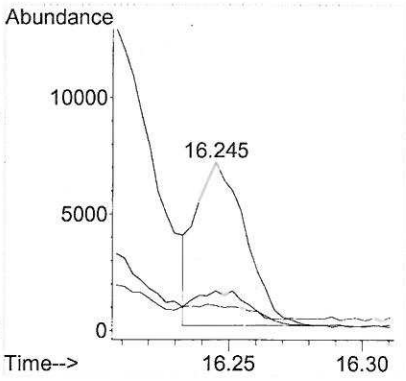


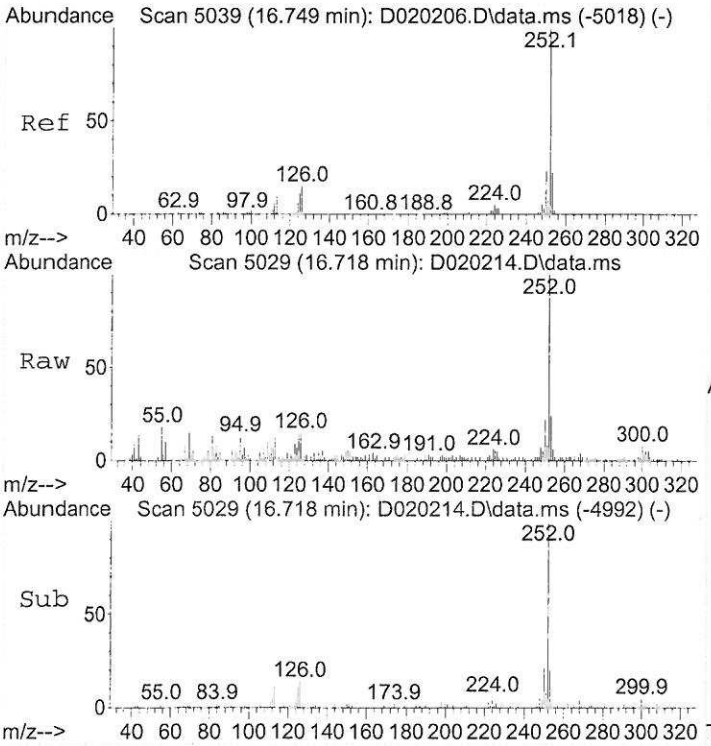


#82
Benzo(k)fluoranthene
Concen: 2.58 ug/ml
RT: 16.245 min Scan# 4877
Delta R.T. -0.037 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:252 Resp: 9069

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.9	25.3
125	10.4	8.0	12.0

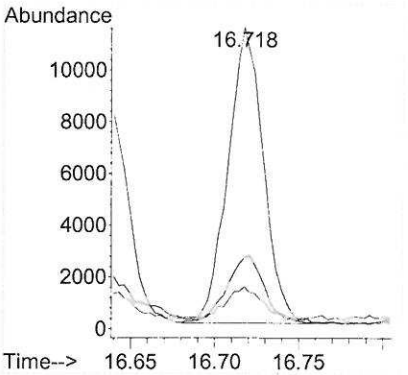


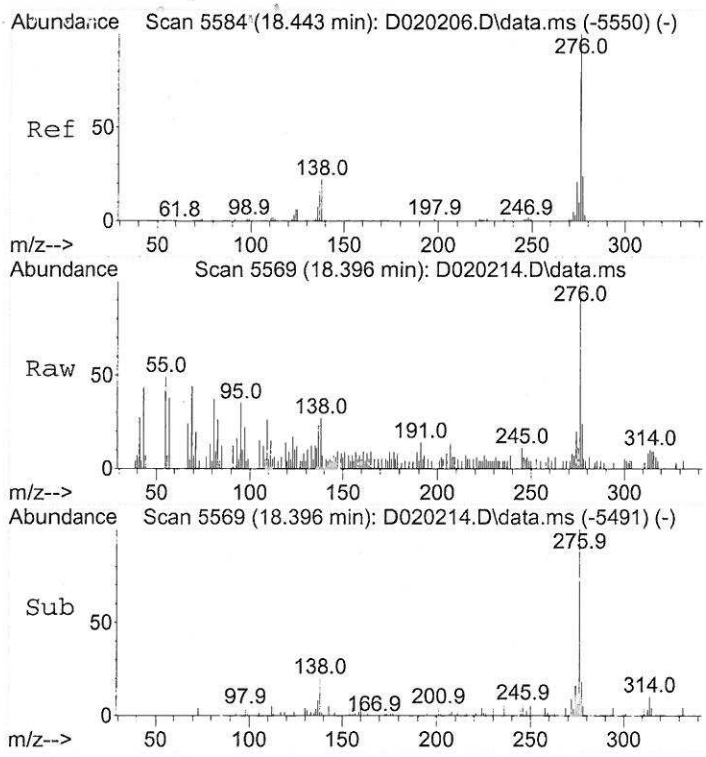


#83
Benzo(a)pyrene
Concen: 5.18 ug/ml
RT: 16.718 min Scan# 5029
Delta R.T. -0.031 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:252 Resp: 16777

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	12.9	9.0	13.6

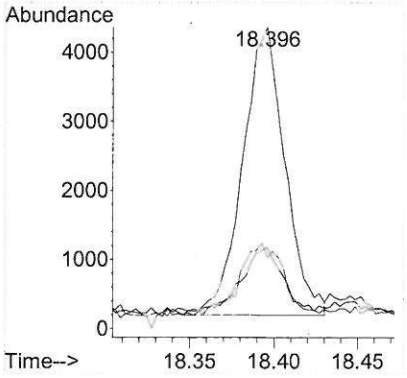


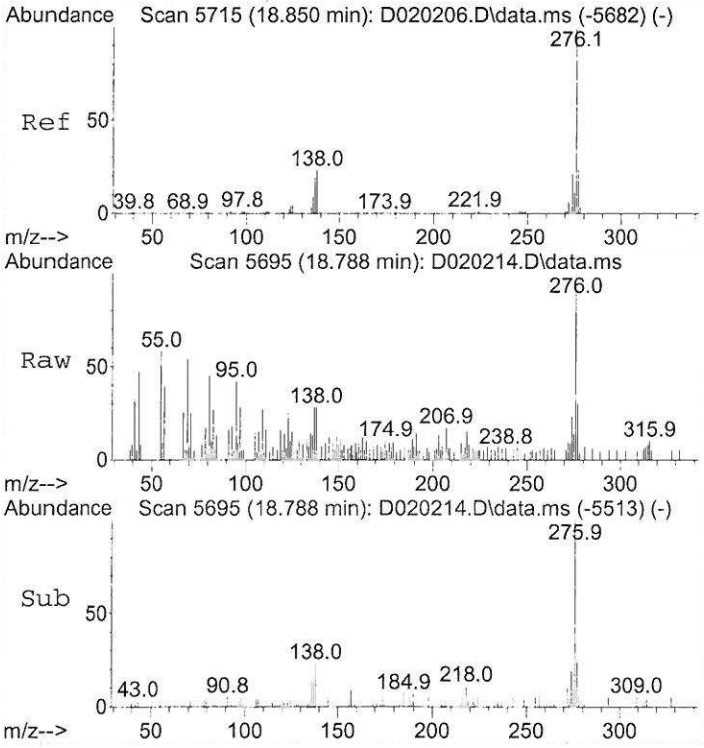


#84
Indeno(1,2,3-cd)pyrene
Concen: 2.89 ug/ml
RT: 18.396 min Scan# 5569
Delta R.T. -0.047 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:276 Resp: 7258

Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.6	27.8
277	25.0	19.2	28.8

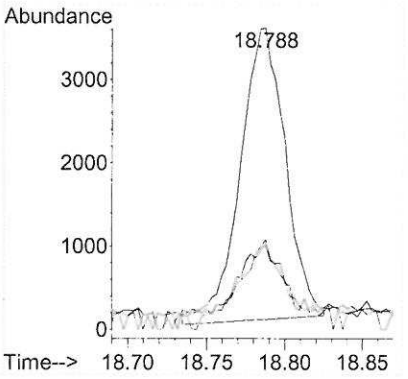




#86
Benzo(g,h,i)perylene
Concen: 2.59 ug/ml
RT: 18.788 min Scan# 5695
Delta R.T. -0.062 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:276 Resp: 7000

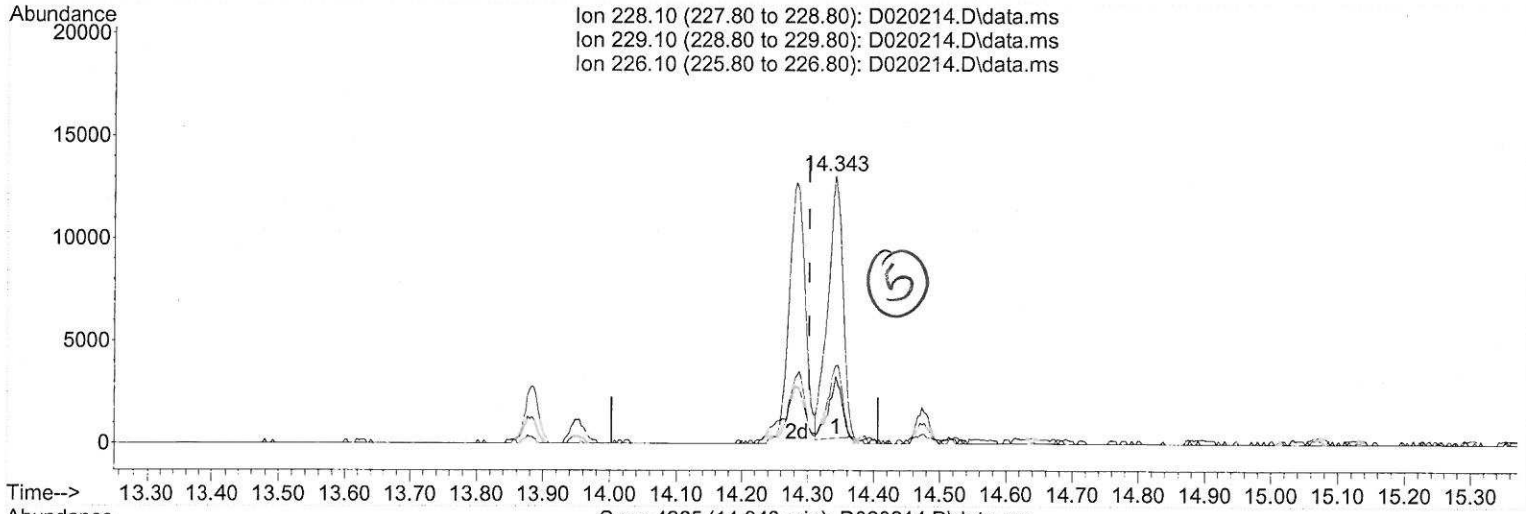
Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.8	29.8
277	33.5	18.8	28.2#

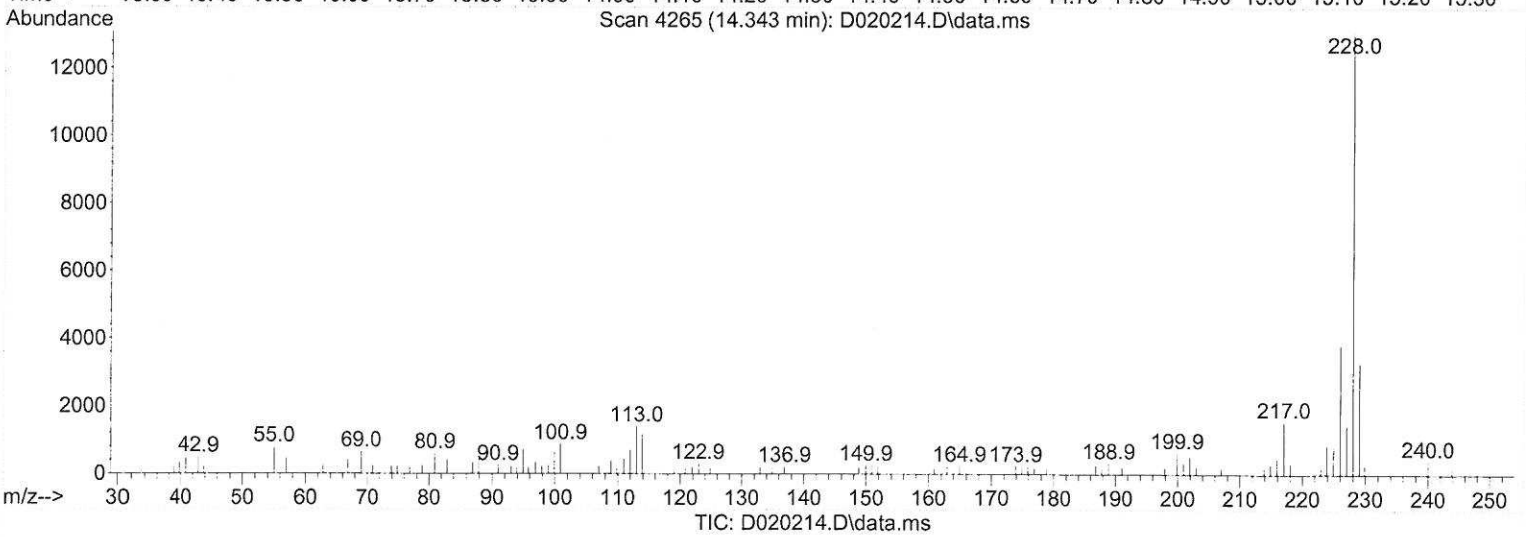


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02 Inst : GCMSSV4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 03 09:15:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020214.D\data.ms

(76) Benzo(a)anthracene

14.343min (+0.040) 4.16 ug/ml

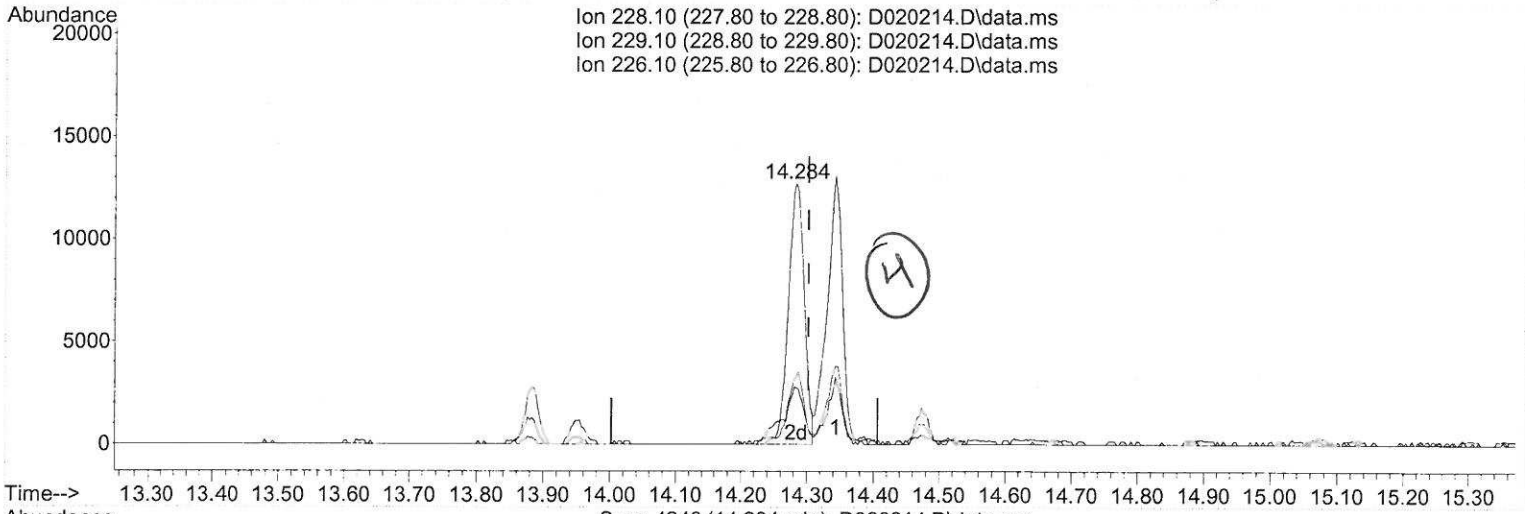
response 20137

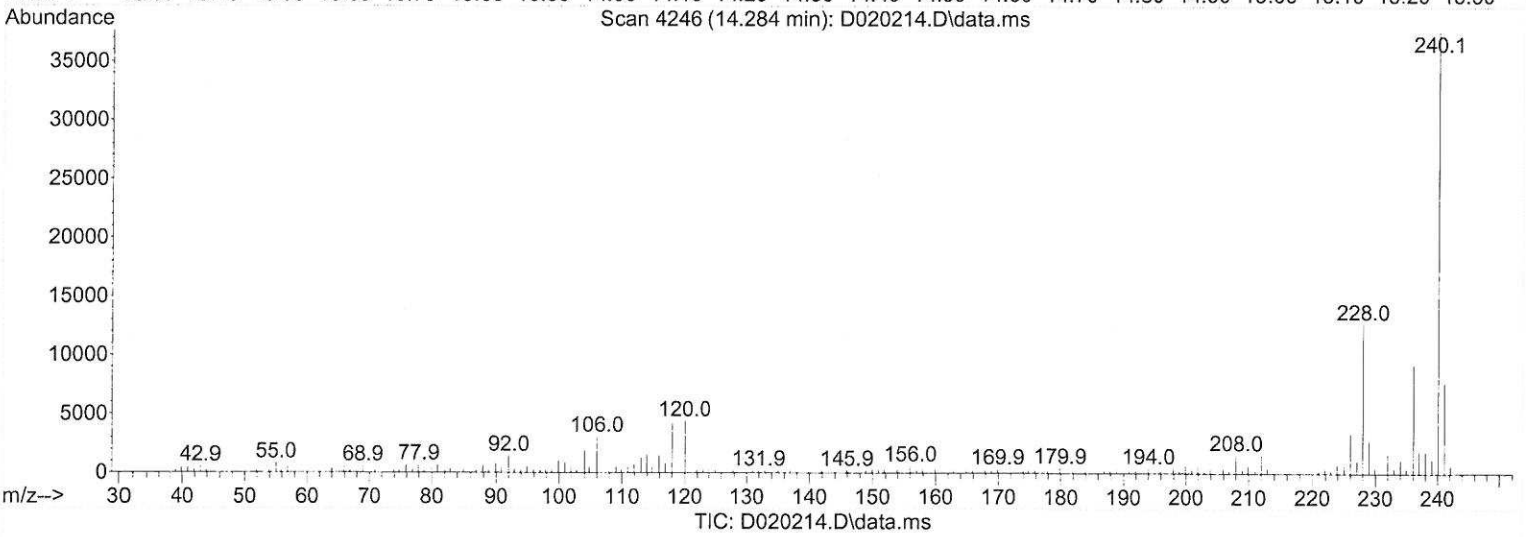
Ion	Exp%	Act%
228.10	100	100
229.10	19.70	22.62
226.10	26.00	31.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02 Inst : GCMSSV4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 03 09:15:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020214.D\data.ms

(76) Benzo(a)anthracene

14.284min (-0.019) 4.48 ug/ml m

response 21672

Ion	Exp%	Act%
228.10	100	100
229.10	19.70	21.01
226.10	26.00	28.95
0.00	0.00	0.00

Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.659	191.2	ug/ml	1005270	1	4.372	210299	40.0
2-Pentanone, 4-...	2.886	12.0	ug/ml	63198	1	4.372	210299	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020214.D\data.ms

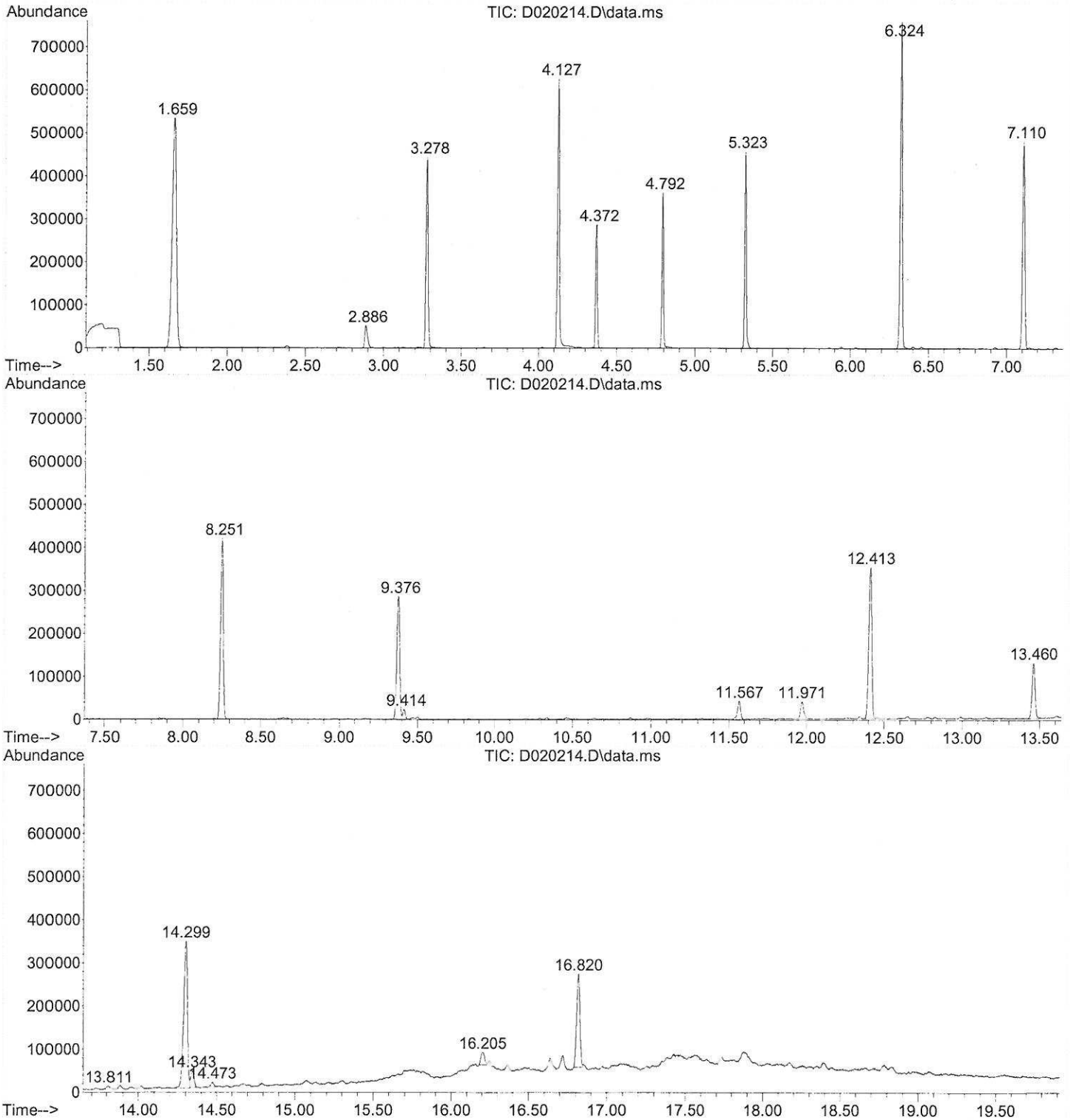
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.659	165	184	204	rVB	533996	1005266	100.00%	15.340%
2	2.886	572	579	596	rBV	51528	63198	6.29%	0.964%
3	3.278	697	705	719	rBV	444217	419676	41.75%	6.404%
4	4.127	971	978	992	rBV	626806	502058	49.94%	7.661%
5	4.372	1051	1057	1065	rVB	286814	210299	20.92%	3.209%
6	4.792	1186	1192	1201	rBV	362162	248824	24.75%	3.797%
7	5.323	1357	1363	1379	rBV	458583	337598	33.58%	5.151%
8	6.324	1673	1685	1700	rBV	760526	637016	63.37%	9.720%
9	7.110	1927	1938	1947	rBV	482565	485963	48.34%	7.415%
10	8.251	2294	2305	2317	rVB	420682	488378	48.58%	7.452%
11	9.376	2656	2667	2675	rBV	285446	374085	37.21%	5.708%
12	9.414	2675	2679	2688	rVB2	23404	24834	2.47%	0.379%
13	11.567	3358	3372	3383	rVB	42098	60071	5.98%	0.917%
14	11.971	3494	3502	3513	rBV	40915	61320	6.10%	0.936%
15	12.413	3632	3644	3655	rBV	352777	457239	45.48%	6.977%
16	13.460	3969	3981	3994	rBV	129384	173585	17.27%	2.649%
17	13.811	4084	4094	4097	rBV5	7974	10591	1.05%	0.162%
18	14.299	4231	4251	4260	rBV	340854	557505	55.46%	8.507%
19	14.343	4260	4265	4274	rVB2	38530	53298	5.30%	0.813%
20	14.473	4303	4307	4314	rVB4	10084	10553	1.05%	0.161%
21	16.205	4857	4864	4873	rBV2	29551	50343	5.01%	0.768%
22	16.820	5052	5062	5071	rBV	216569	321712	32.00%	4.909%

Sum of corrected areas: 6553412

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p



Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

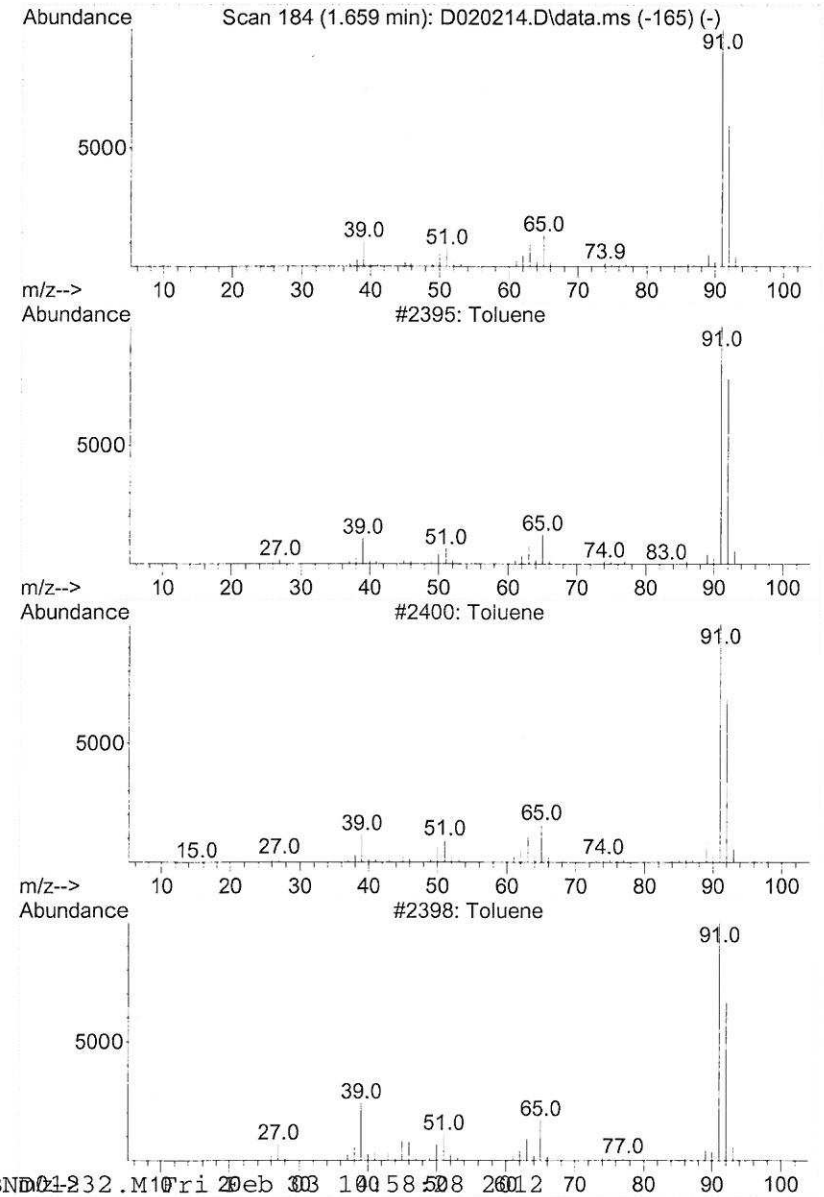
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

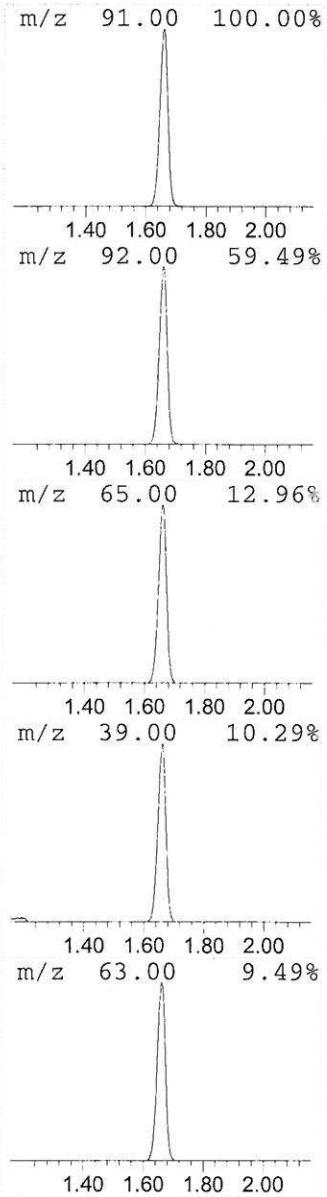
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.659	191.21 ug/ml	1005270	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

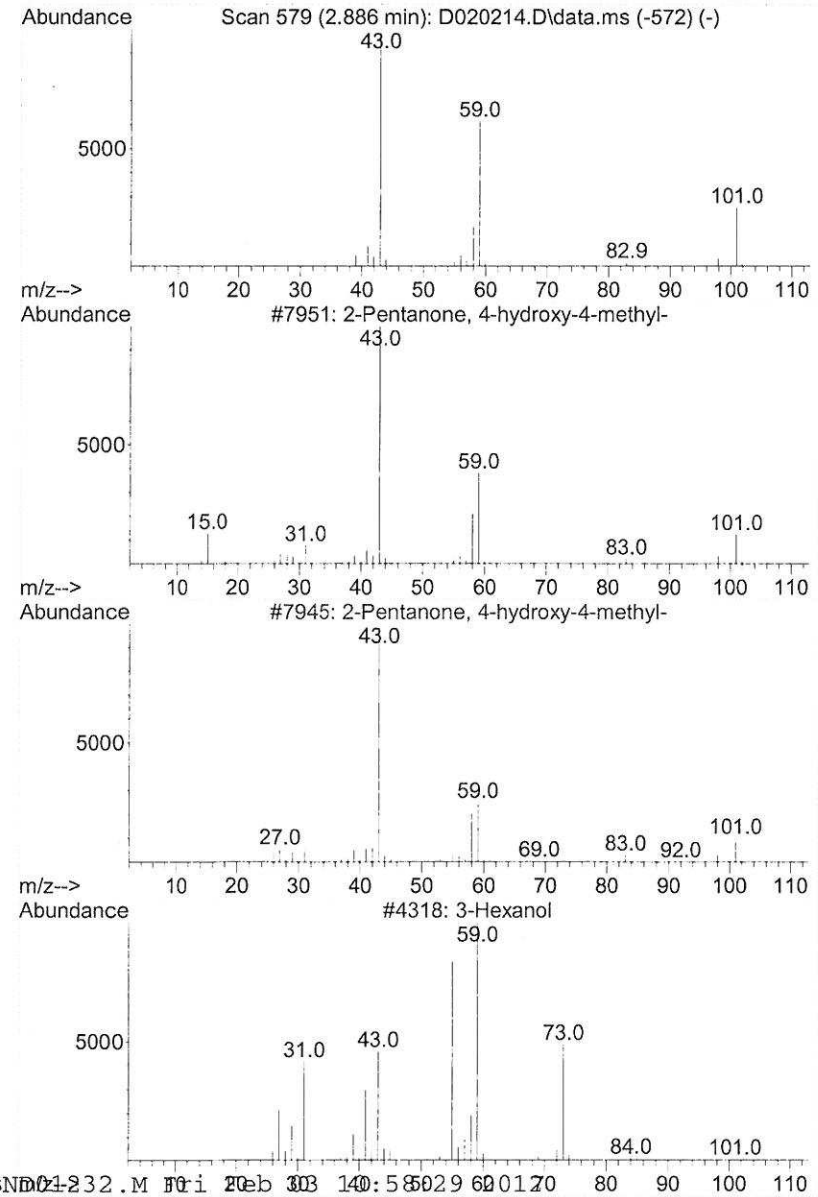
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

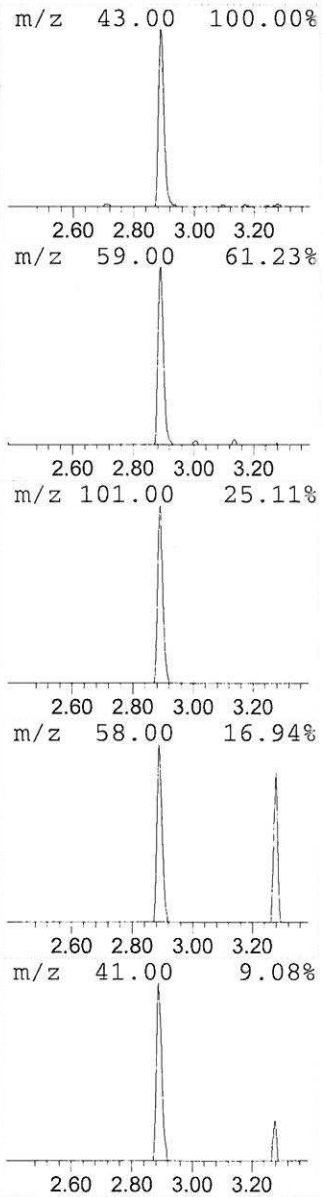
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.886	12.02 ug/ml	63198	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	D020215.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:54
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene		0.086	0.18	
208-96-8	Acenaphthylene		0.086	0.18	
98-86-2	Acetophenone		0.13	0.37	
62-53-3	Aniline		0.12	0.37	
120-12-7	Anthracene		0.086	0.18	
92-87-5	Benzidine		0.086	0.37	L-04, V-20
56-55-3	Benzo(a)anthracene		0.086	0.18	
50-32-8	Benzo(a)pyrene		0.097	0.18	
205-99-2	Benzo(b)fluoranthene		0.097	0.18	
191-24-2	Benzo(g,h,i)perylene		0.075	0.18	
207-08-9	Benzo(k)fluoranthene		0.11	0.18	
65-85-0	Benzoic Acid		0.16	1.1	L-04, V-20
111-91-1	Bis(2-chloroethoxy)methane		0.097	0.37	
111-44-4	Bis(2-chloroethyl)ether		0.11	0.37	
39638-32-9	Bis(2-chloroisopropyl)ether		0.11	0.37	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.11	0.37	
101-55-3	4-Bromophenylphenylether		0.075	0.37	
85-68-7	Butylbenzylphthalate		0.12	0.71	
86-74-8	Carbazole		0.086	0.18	
106-47-8	4-Chloroaniline		0.097	0.71	
59-50-7	4-Chloro-3-methylphenol		0.11	0.71	
91-58-7	2-Chloronaphthalene		0.075	0.37	
95-57-8	2-Chlorophenol		0.097	0.37	
7005-72-3	4-Chlorophenylphenylether		0.13	0.37	
218-01-9	Chrysene		0.086	0.18	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	D020215.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:54
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.075	0.18	
132-64-9	Dibenzofuran		0.086	0.37	
84-74-2	Di-n-butylphthalate		0.086	0.37	
95-50-1	1,2-Dichlorobenzene		0.086	0.37	
541-73-1	1,3-Dichlorobenzene		0.086	0.37	
106-46-7	1,4-Dichlorobenzene		0.086	0.37	
91-94-1	3,3-Dichlorobenzidine		0.065	0.18	
120-83-2	2,4-Dichlorophenol		0.086	0.37	
84-66-2	Diethylphthalate		0.11	0.37	
105-67-9	2,4-Dimethylphenol		0.075	0.37	
131-11-3	Dimethylphthalate		0.11	0.71	
534-52-1	4,6-Dinitro-2-methylphenol		0.043	0.37	V-20
51-28-5	2,4-Dinitrophenol		0.043	0.71	V-20
121-14-2	2,4-Dinitrotoluene		0.12	0.37	
606-20-2	2,6-Dinitrotoluene		0.12	0.37	
117-84-0	Di-n-octylphthalate		0.14	0.71	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.086	0.37	
206-44-0	Fluoranthene		0.075	0.18	
86-73-7	Fluorene		0.097	0.18	
118-74-1	Hexachlorobenzene		0.086	0.37	
87-68-3	Hexachlorobutadiene		0.065	0.37	
77-47-4	Hexachlorocyclopentadiene		0.065	0.71	
67-72-1	Hexachloroethane		0.086	0.37	
193-39-5	Indeno(1,2,3-cd)pyrene		0.075	0.18	
78-59-1	Isophorone		0.11	0.37	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	D020215.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:54
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
90-12-0	1-Methylnaphthalene		0.11	0.18	
91-57-6	2-Methylnaphthalene		0.11	0.18	
95-48-7	2-Methylphenol		0.14	0.37	
108-39-4/106-44	3/4-Methylphenol		0.17	0.37	
91-20-3	Naphthalene		0.075	0.18	
88-74-4	2-Nitroaniline		0.11	0.37	
99-09-2	3-Nitroaniline		0.11	0.37	
100-01-6	4-Nitroaniline		0.13	0.37	
98-95-3	Nitrobenzene		0.075	0.37	
88-75-5	2-Nitrophenol		0.054	0.37	
100-02-7	4-Nitrophenol		0.043	0.71	
62-75-9	N-Nitrosodimethylamine		0.065	0.37	
86-30-6	N-Nitrosodiphenylamine		0.12	0.37	
621-64-7	N-Nitrosodi-n-propylamine		0.14	0.37	
82-68-8	Pentachloronitrobenzene		0.12	0.37	
87-86-5	Pentachlorophenol		0.065	0.37	V-20
85-01-8	Phenanthrene		0.086	0.18	
108-95-2	Phenol		0.097	0.37	
129-00-0	Pyrene		0.11	0.18	
110-86-1	Pyridine		0.086	0.37	
95-94-3	1,2,4,5-Tetrachlorobenzene		0.075	0.37	
120-82-1	1,2,4-Trichlorobenzene		0.065	0.37	
95-95-4	2,4,5-Trichlorophenol		0.11	0.37	
88-06-2	2,4,6-Trichlorophenol		0.075	0.37	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

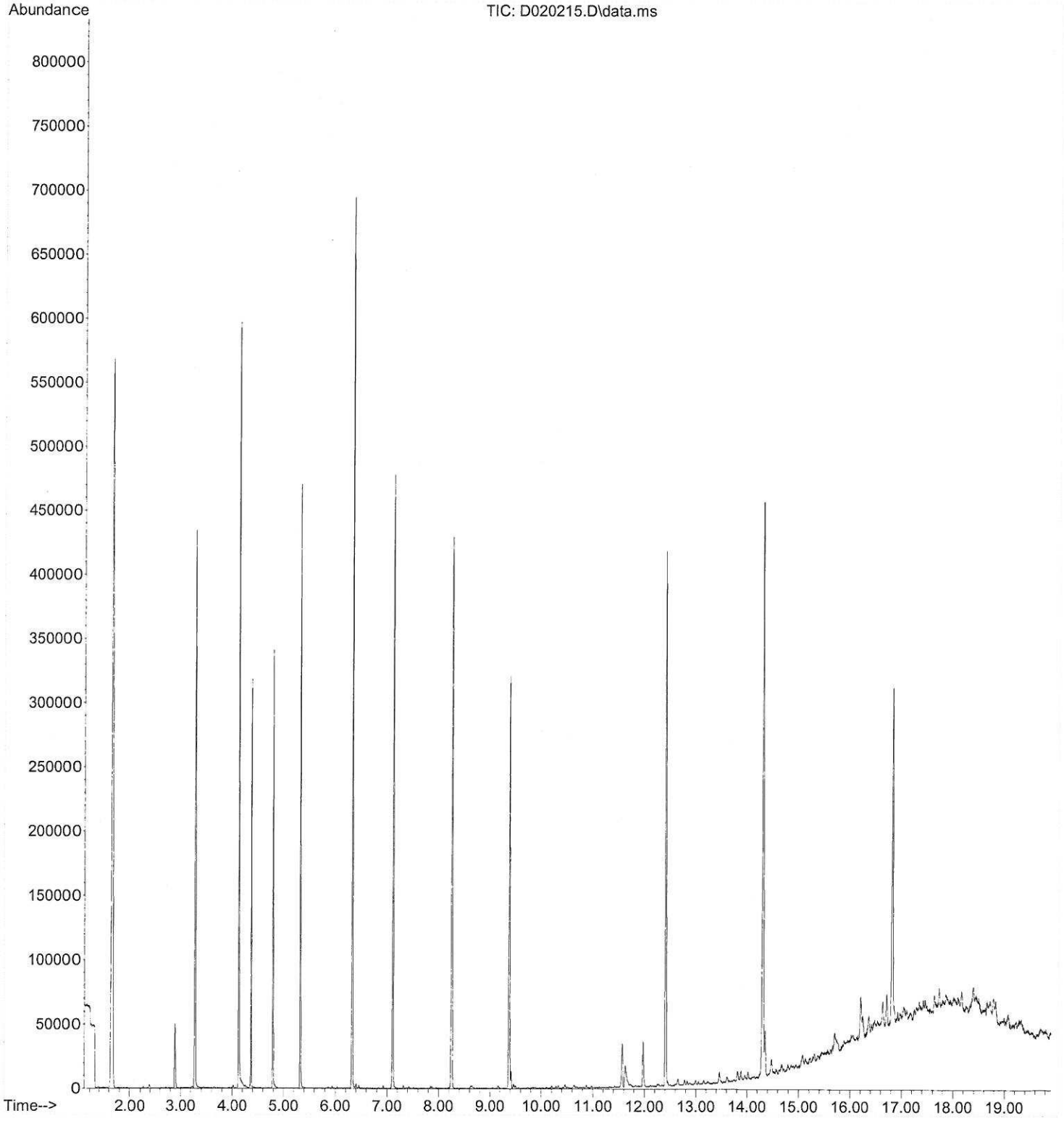
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	60955	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	169489	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	120649	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	170902	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.309	240	242459	40.00	ug/ml	-0.01
79) PERYLENE-D12	16.823	264	146361	40.00	ug/ml	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol	3.278	112	122146	121.28	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 60.64%			
3) Phenol-d6	4.130	99	175904	137.74	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 68.87%			
20) Nitrobenzene-d5	4.792	82	85830	53.92	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 53.92%			
36) 2-Fluorobiphenyl	6.324	172	210346	62.92	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 62.92%			
37) 2,4,6-Tribromophenol	8.251	330	58987	97.45	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 48.73%			
71) Terphenyl-d14	12.416	244	190209	40.03	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 40.03%			
Target Compounds						Qvalue
17) N-Nitroso-Di-N-Propyla...	4.792	70	11795	16.60	ug/ml#	77
69) Flouranthene	11.567	202	22022	5.04	ug/ml	99
73) Pyrene	11.975	202	22191	2.83	ug/ml	96
76) Benzo(a)anthracene	14.349	228	18181	2.93	ug/ml	92
77) Chrysene	14.349	228	18181	3.03	ug/ml	96
81) Benzo(b)fluoranthene	16.208	252	20879	4.82	ug/ml	99
83) Benzo(a)pyrene	16.718	252	12857	3.34	ug/ml	96
84) Indeno(1,2,3-cd)pyrene	18.390	276	6864	2.30	ug/ml#	88

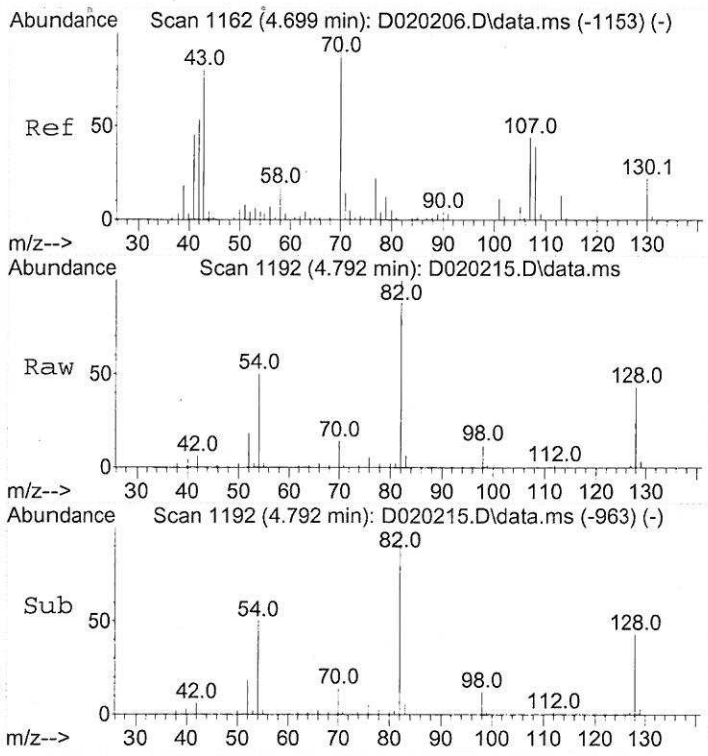
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

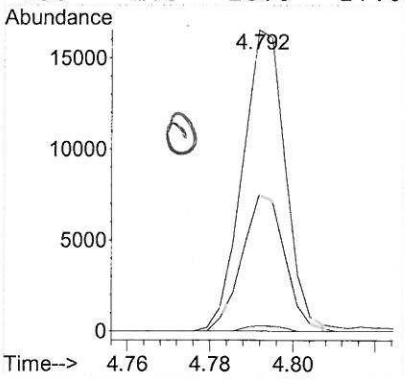


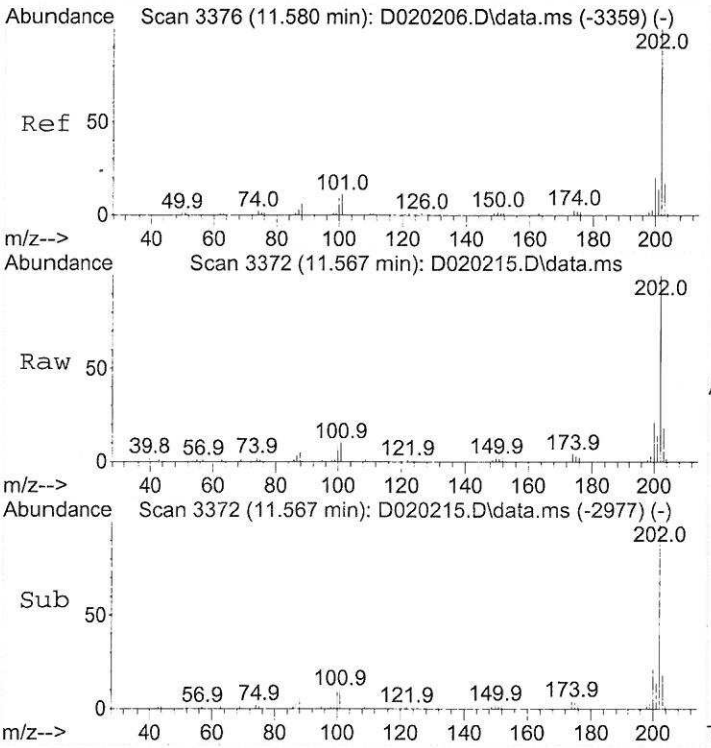


#17
N-Nitroso-Di-N-Propylamine
Concen: 16.60 ug/ml
RT: 4.792 min Scan# 1192
Delta R.T. 0.093 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion: 70 Resp: 11795

Ion	Ratio	Lower	Upper
70	100		
42	45.4	44.4	66.6
101	0.0	8.2	12.4#
130	1.6	18.0	27.0#

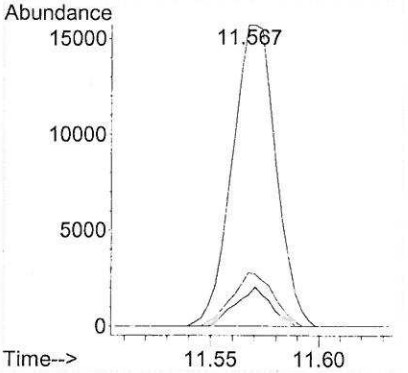


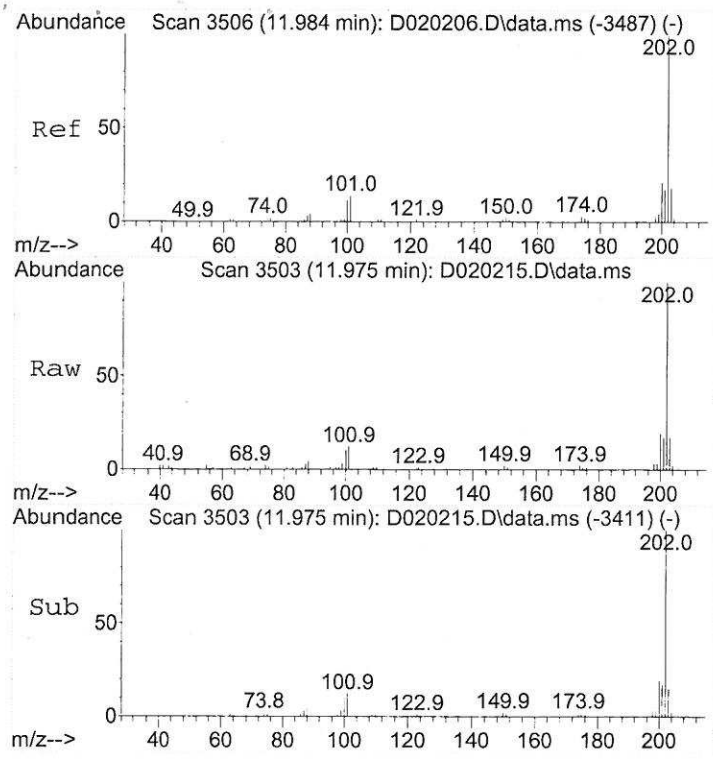


#69
Flouranthene
Concen: 5.04 ug/ml
RT: 11.567 min Scan# 3372
Delta R.T. -0.012 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:202 Resp: 22022

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.0	13.4
203	16.9	13.9	20.9

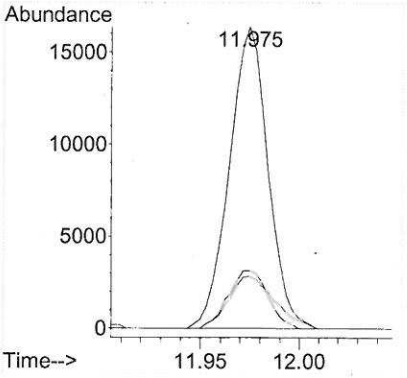


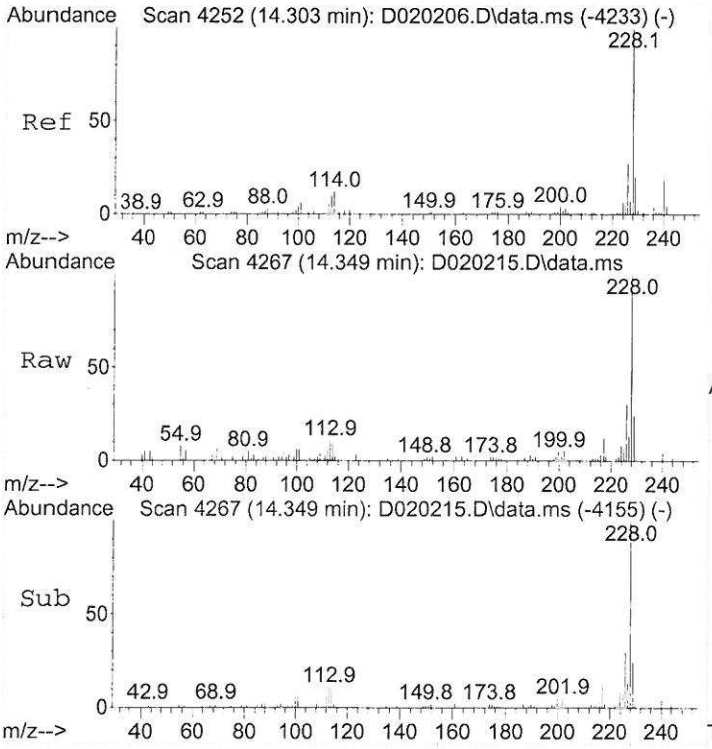


#73
Pyrene
Concen: 2.83 ug/ml
RT: 11.975 min Scan# 3503
Delta R.T. -0.009 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:202 Resp: 22191

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.3	24.5
203	20.6	14.3	21.5

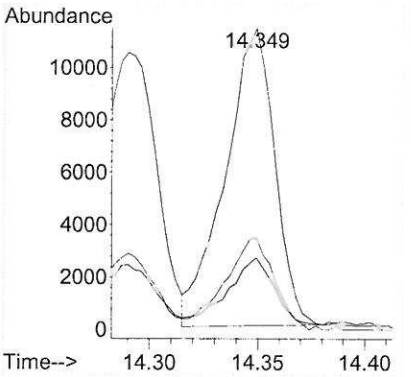


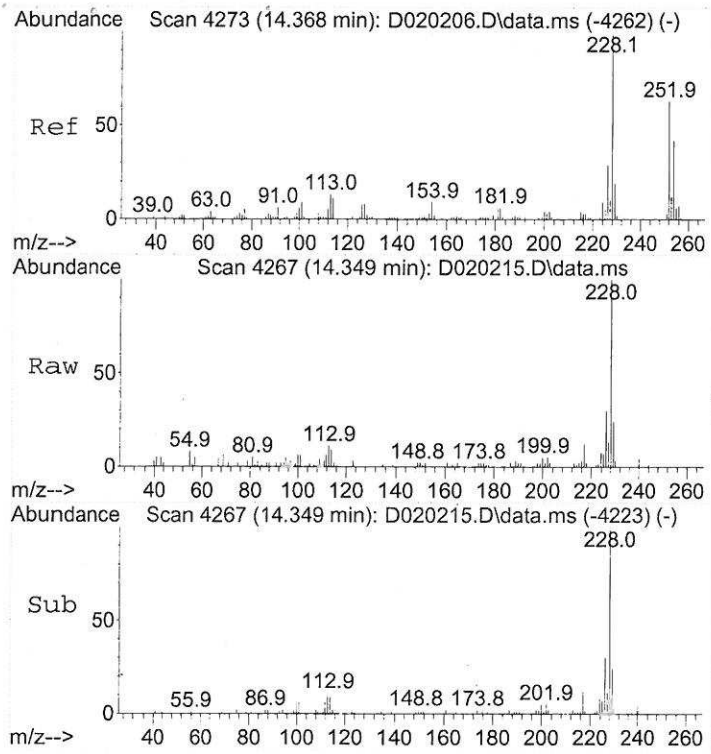


#76
Benzo(a)anthracene
Concen: 2.93 ug/ml
RT: 14.349 min Scan# 4267
Delta R.T. 0.047 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:228 Resp: 18181

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	31.0	20.8	31.2

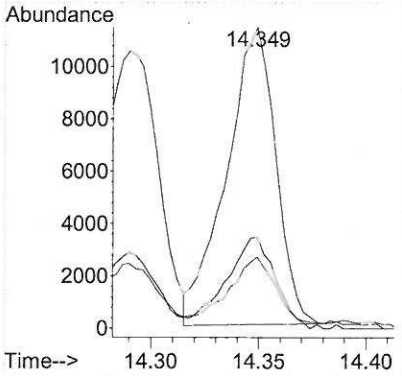


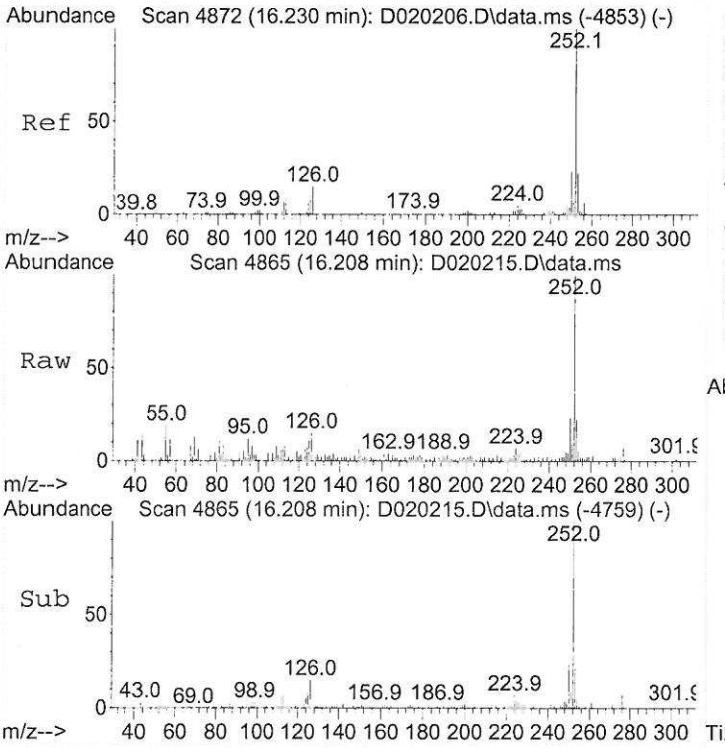


#77
Chrysene
Concen: 3.03 ug/ml
RT: 14.349 min Scan# 4267
Delta R.T. -0.019 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:228 Resp: 18181

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.6	35.4
229	21.8	15.6	23.4

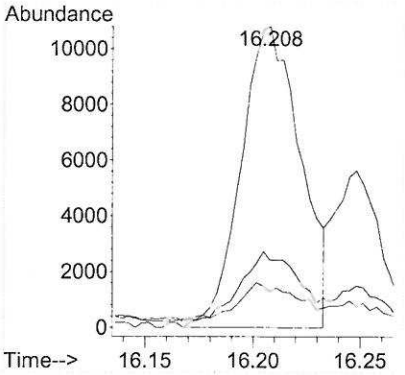


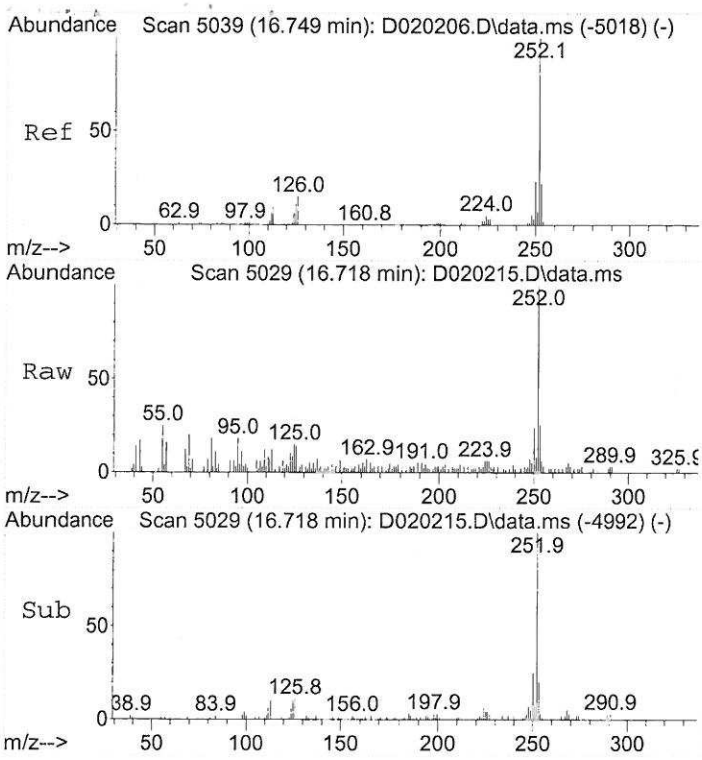


#81
Benzo(b)fluoranthene
Concen: 4.82 ug/ml
RT: 16.208 min Scan# 4865
Delta R.T. -0.022 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:252 Resp: 20879

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	12.9	9.8	14.6

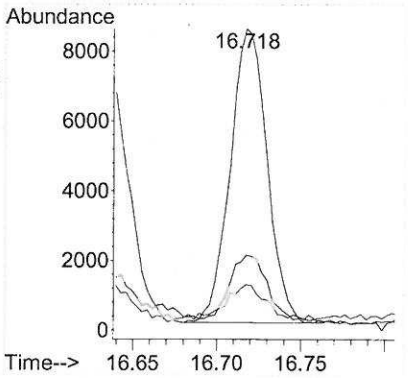


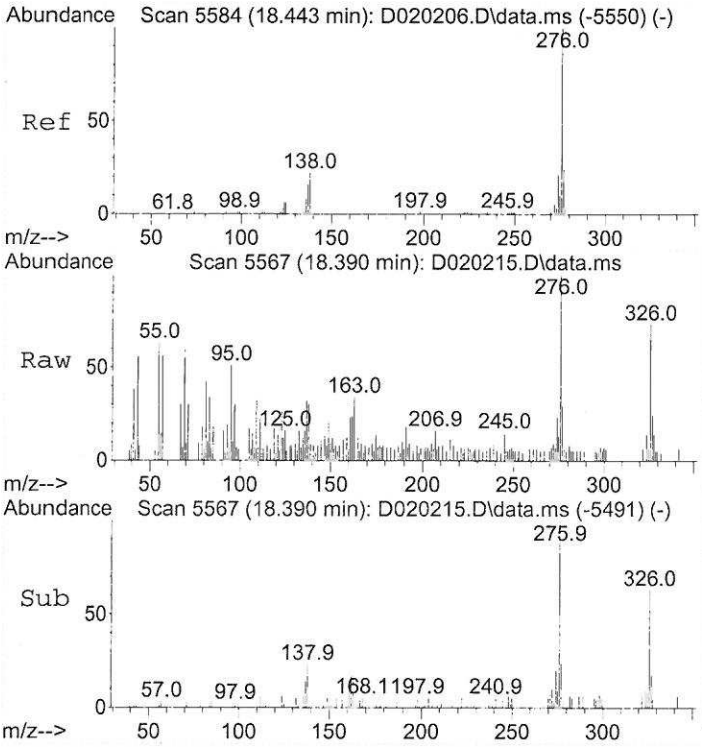


#83
Benzo(a)pyrene
Concen: 3.34 ug/ml
RT: 16.718 min Scan# 5029
Delta R.T. -0.031 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:252 Resp: 12857

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	12.2	9.0	13.6

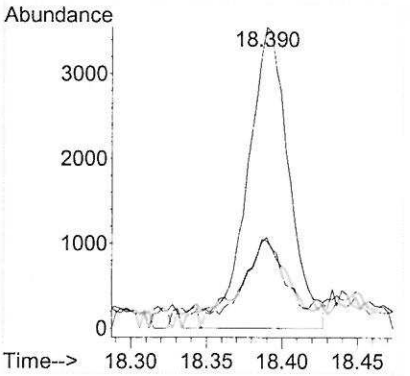




#84
Indeno(1,2,3-cd)pyrene
Concen: 2.30 ug/ml
RT: 18.390 min Scan# 5567
Delta R.T. -0.053 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:276 Resp: 6864

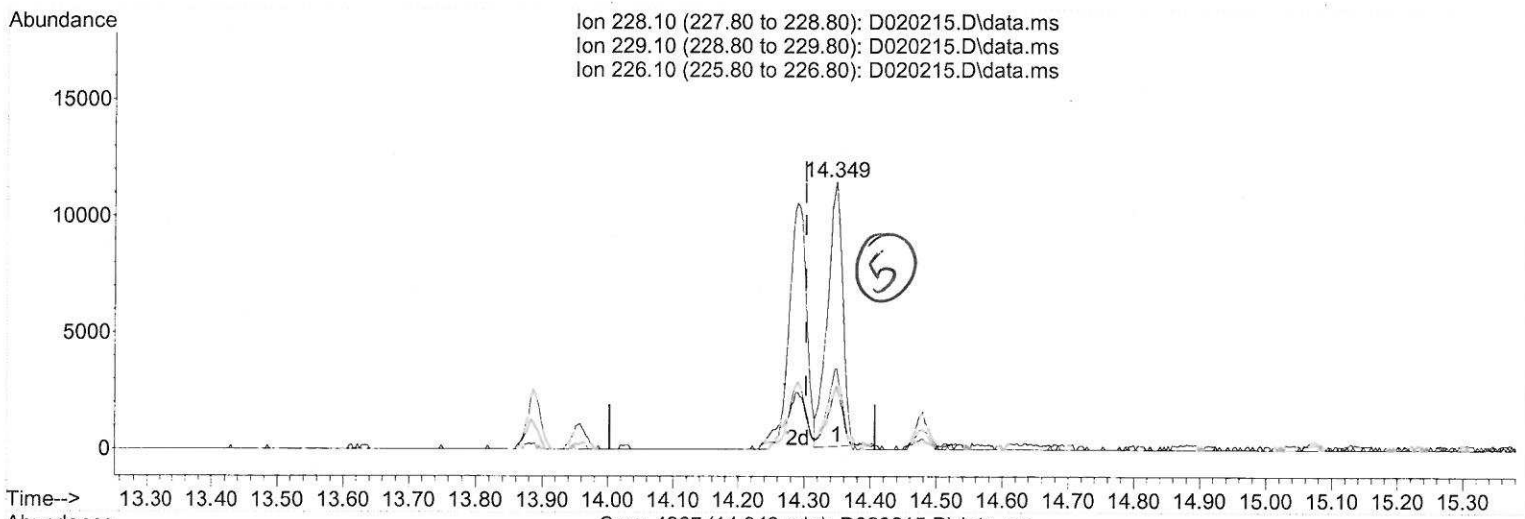
Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.6	27.8
277	32.8	19.2	28.8#

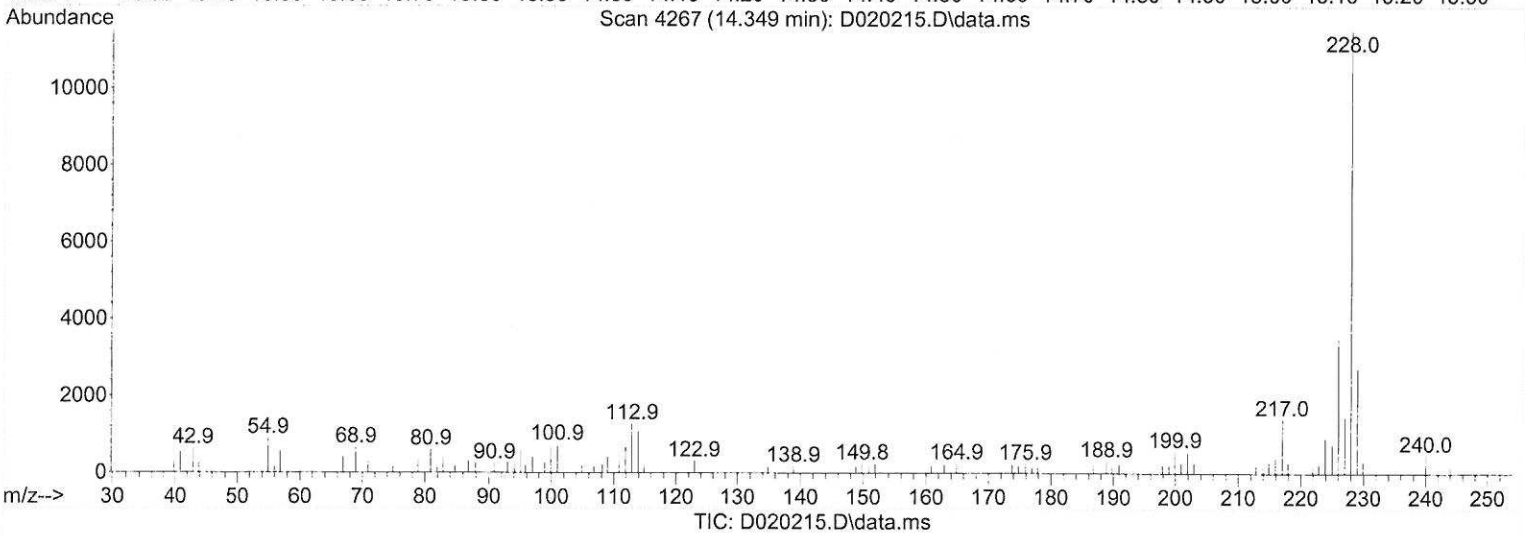


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





(76) Benzo(a)anthracene

14.349min (+0.047) 2.93 ug/ml

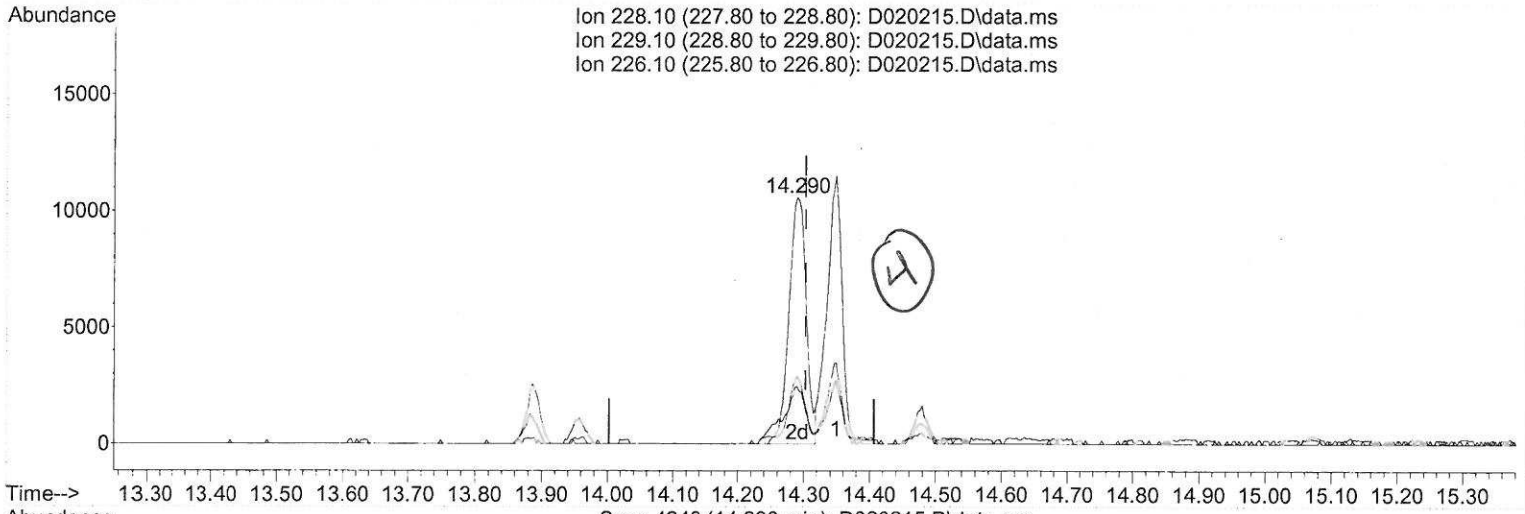
response 18181

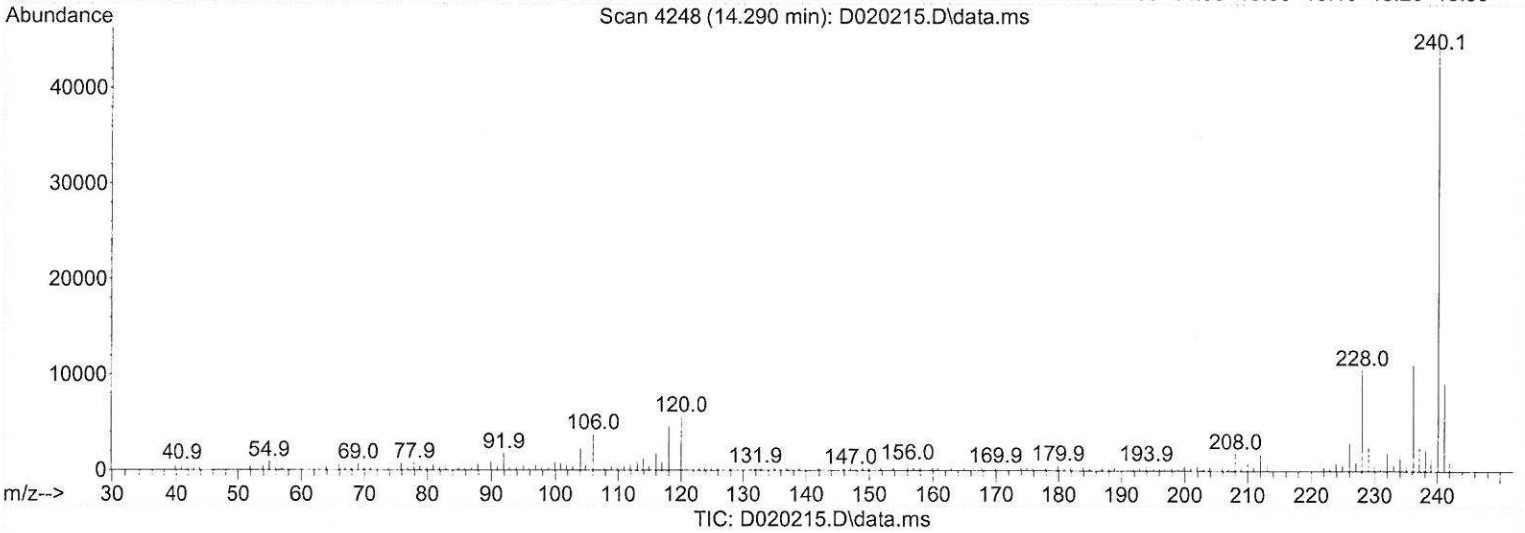
Ion	Exp%	Act%
228.10	100	100
229.10	19.70	21.78
226.10	26.00	31.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





(76) Benzo(a)anthracene

14.290min (-0.012) 3.13 ug/ml m

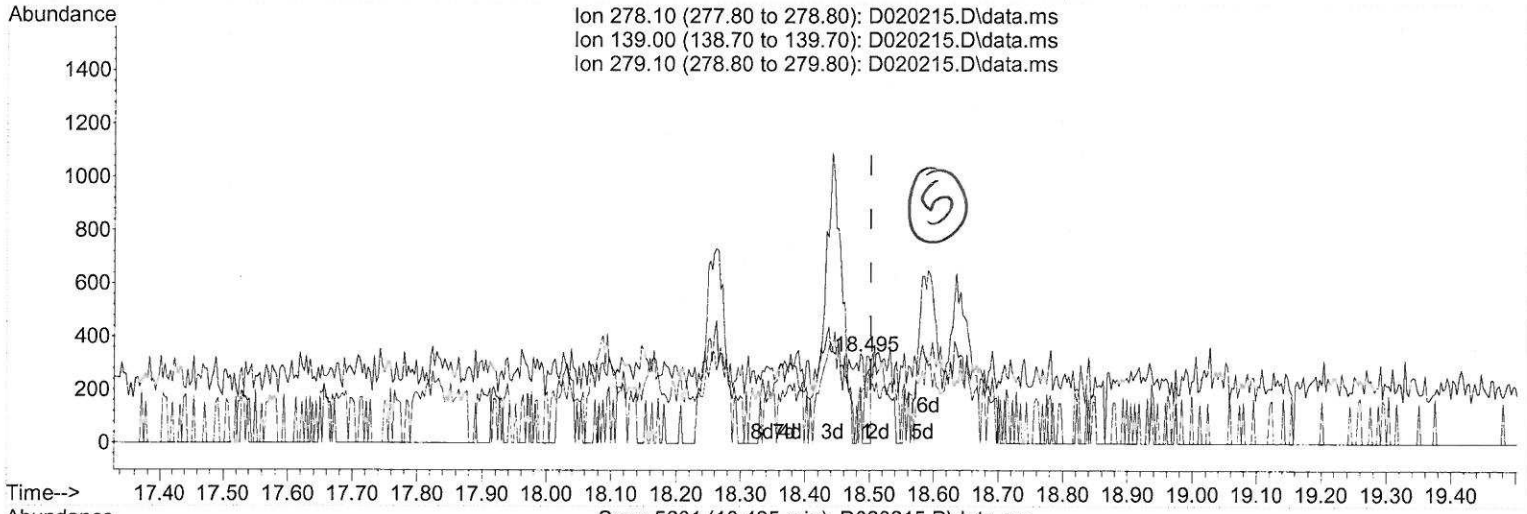
response 19437

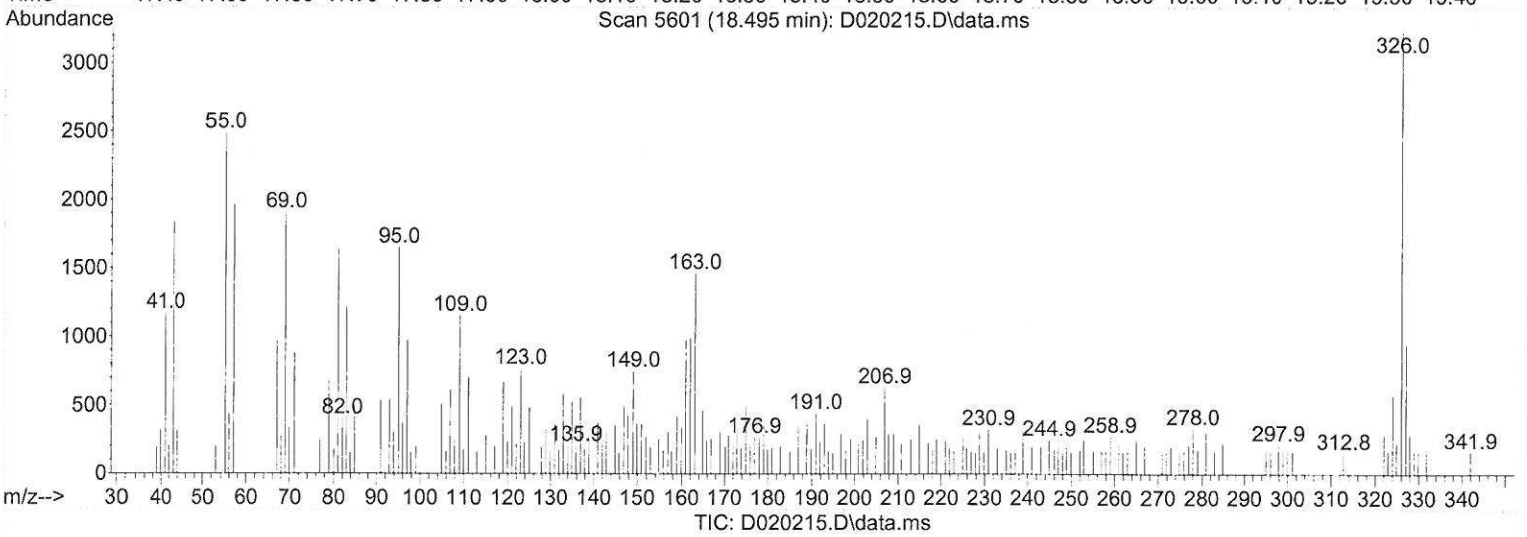
Ion	Exp%	Act%
228.10	100	100
229.10	19.70	20.37
226.10	26.00	29.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020215.D\data.ms

(85) Dibenz(a,h)anthracene

18.495min (-0.006) 0.07 ug/ml

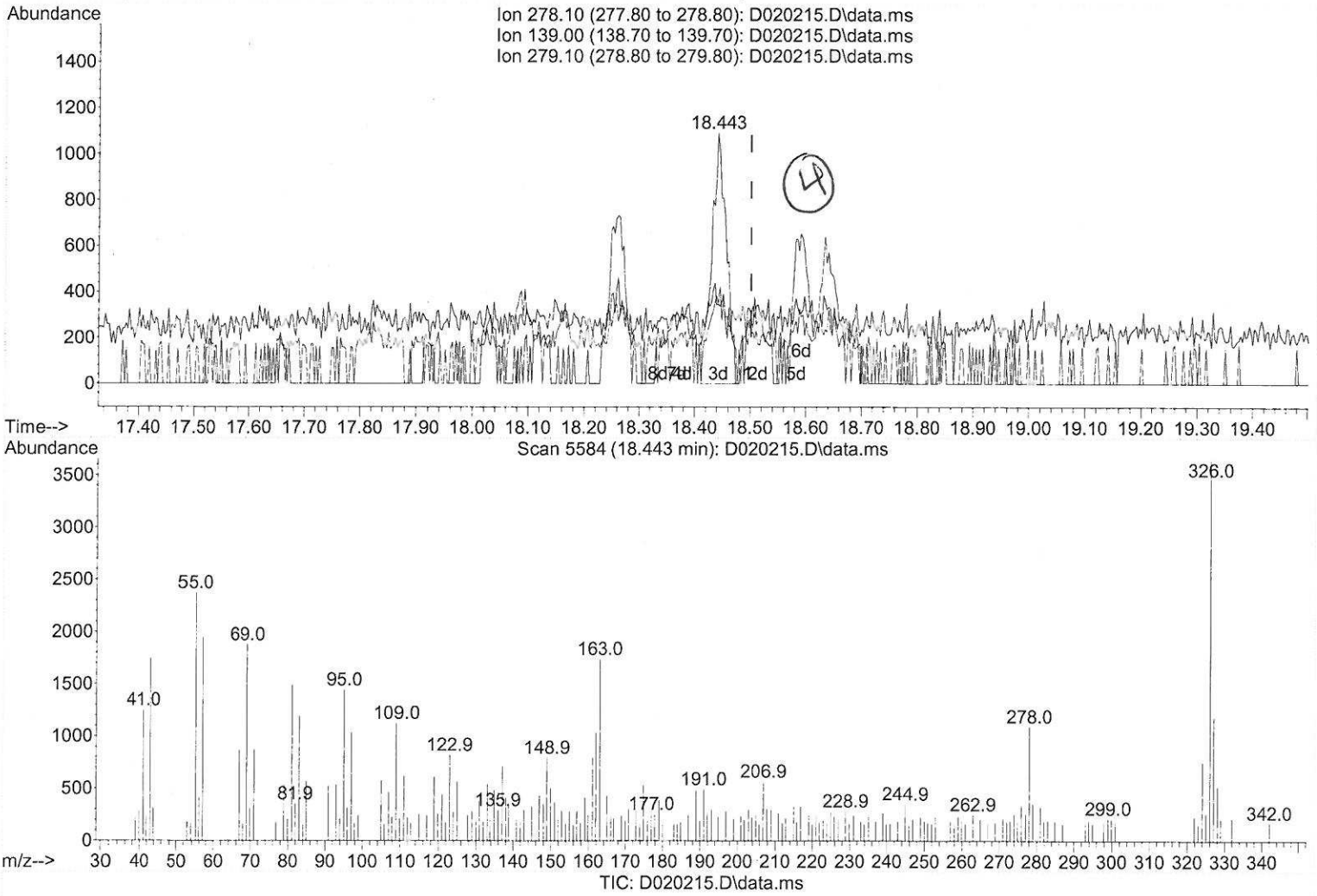
response 214

Ion	Exp%	Act%
278.10	100	100
139.00	18.60	42.52#
279.10	23.90	209.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration



(85) Dibenz(a,h)anthracene

18.443min (-0.059) 0.66 ug/ml m

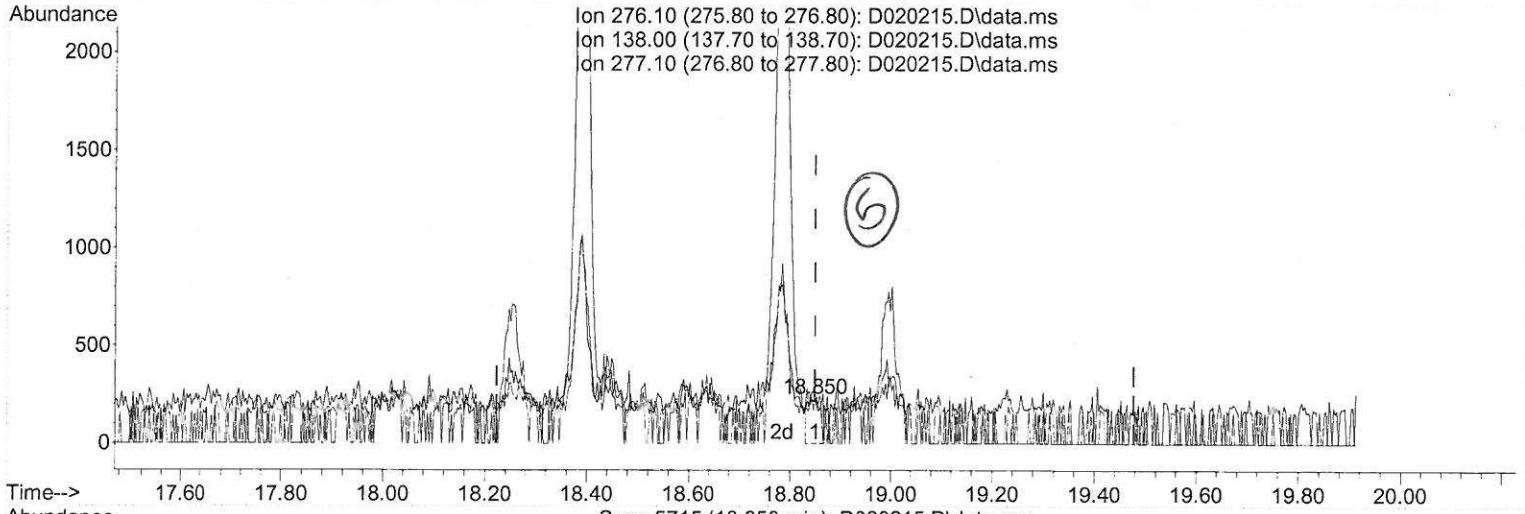
response 1995

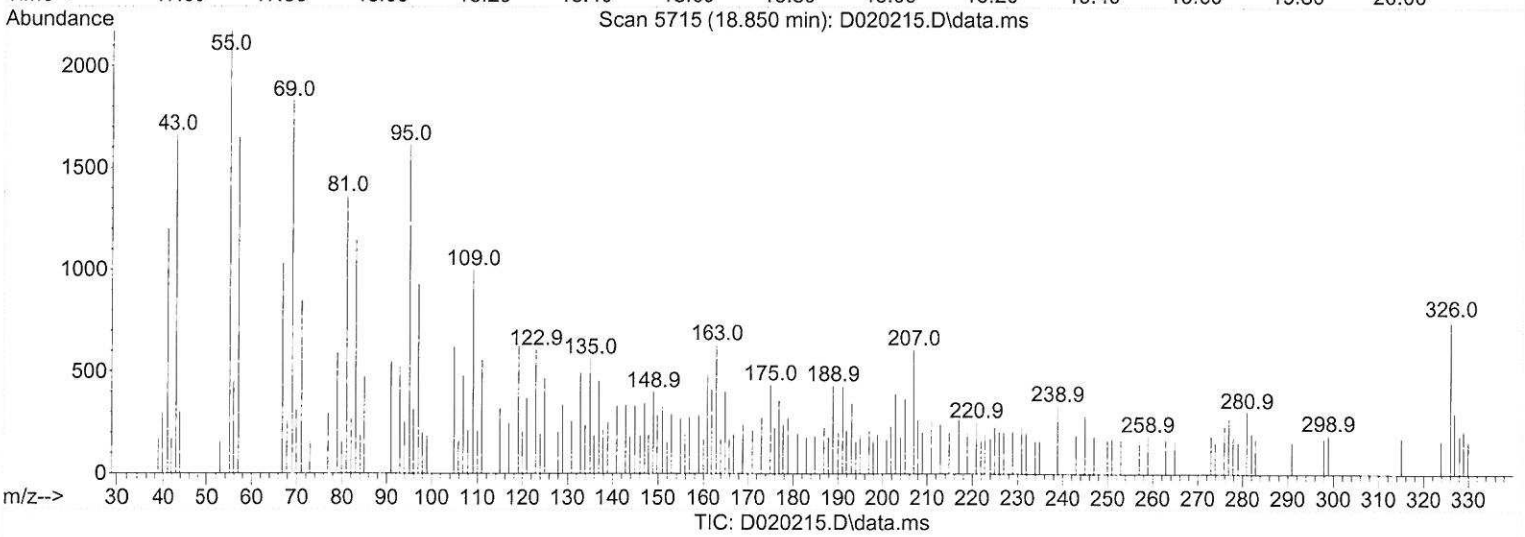
Ion	Exp%	Act%
278.10	100	100
139.00	18.60	4.56#
279.10	23.90	22.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020215.D\data.ms

(86) Benzo(g,h,i)perylene

18.850min (-0.000) 0.12 ug/ml

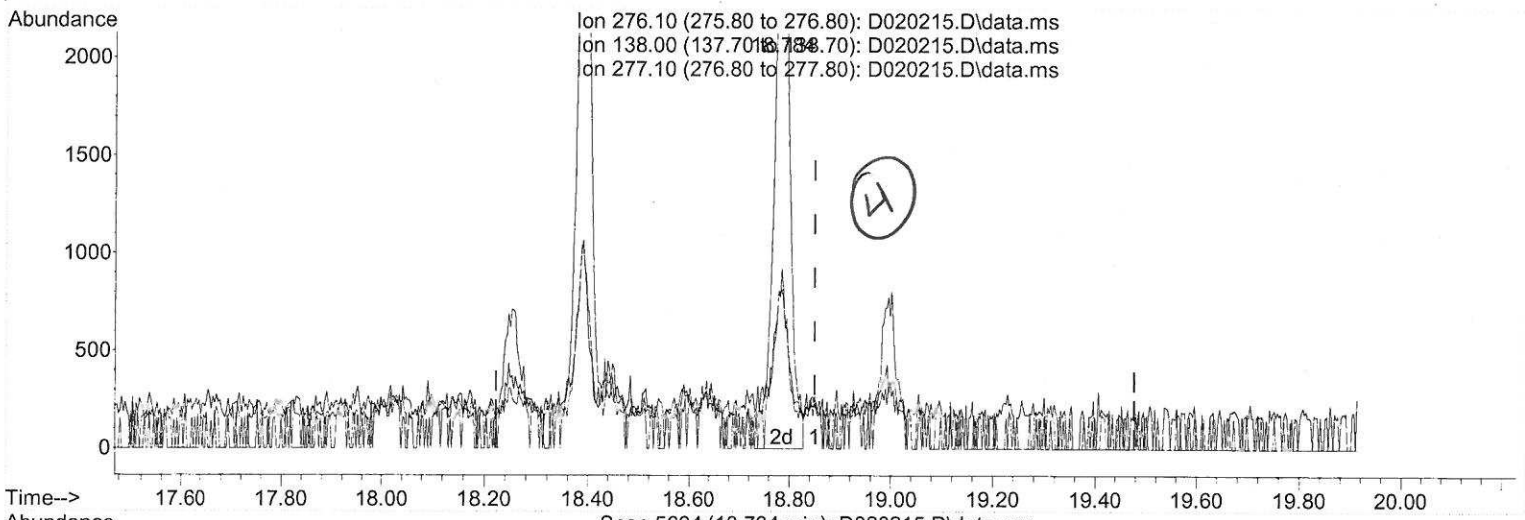
response 373

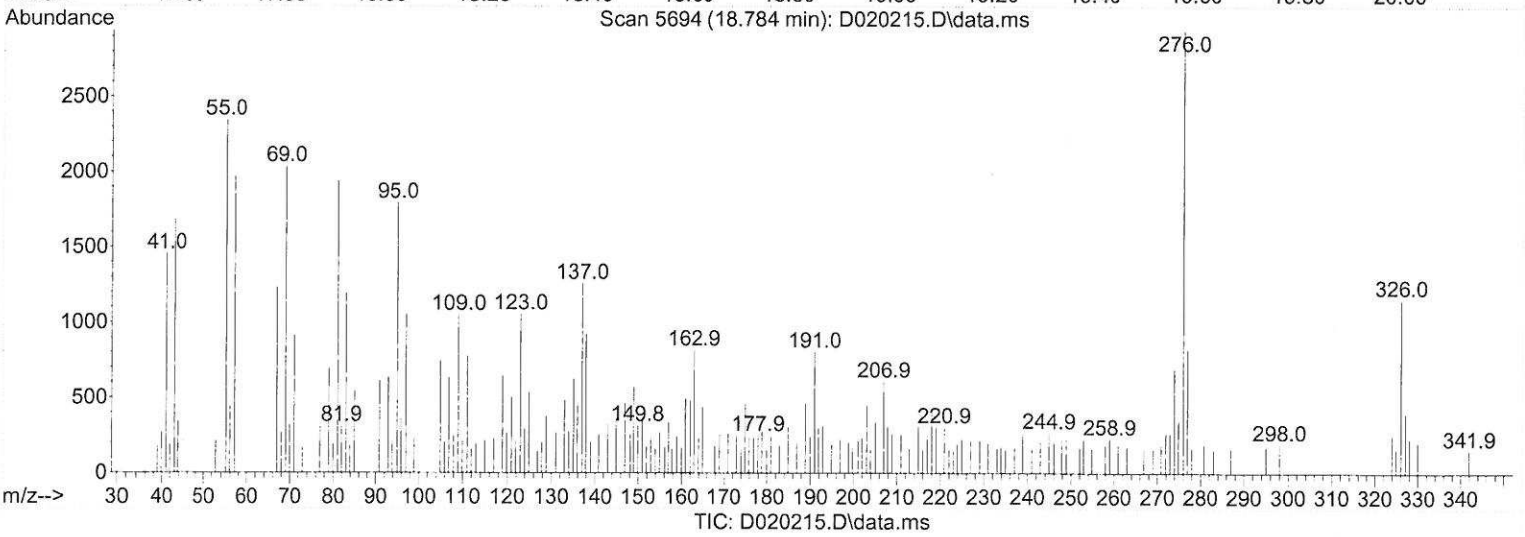
Ion	Exp%	Act%
276.10	100	100
138.00	24.80	100.80#
277.10	23.50	53.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





(86) Benzo(g,h,i)perylene

18.784min (-0.065) 1.93 ug/ml m

response 6186

Ion	Exp%	Act%
276.10	100	100
138.00	24.80	6.08#
277.10	23.50	3.25#
0.00	0.00	0.00

Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.662	188.8	ug/ml	1078510	1	4.372	228495	40.0
2-Pentanone, 4-...	2.890	10.5	ug/ml	60059	1	4.372	228495	40.0
Cyclopentane, 1...	11.626	4.8	ug/ml	48055	4	9.379	401534	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.662	166	185	203	rBV	568511	1078511	100.00%	16.062%
2	2.890	573	580	593	rBV	49948	60059	5.57%	0.894%
3	3.278	697	705	724	rBV	434253	418698	38.82%	6.236%
4	4.130	970	979	993	rBV	596728	488815	45.32%	7.280%
5	4.372	1051	1057	1065	rVB	317888	228495	21.19%	3.403%
6	4.792	1186	1192	1207	rBV	340717	248370	23.03%	3.699%
7	5.326	1357	1364	1379	rBV	470045	345322	32.02%	5.143%
8	6.324	1673	1685	1705	rBV	694240	600380	55.67%	8.941%
9	7.110	1926	1938	1948	rBV	477817	472934	43.85%	7.043%
10	8.251	2293	2305	2323	rVB	429346	499578	46.32%	7.440%
11	9.379	2653	2668	2675	rBV	320979	401534	37.23%	5.980%
12	9.417	2675	2680	2689	rVB	13338	14612	1.35%	0.218%
13	11.571	3359	3373	3382	rVB	34178	50117	4.65%	0.746%
14	11.626	3382	3391	3415	rBV5	17305	48055	4.46%	0.716%
15	11.975	3494	3503	3519	rBV	35365	51626	4.79%	0.769%
16	12.416	3631	3645	3654	rBV2	416838	566177	52.50%	8.432%
17	13.463	3971	3982	3989	rBV2	8513	12761	1.18%	0.190%
18	13.818	4089	4096	4105	rBV5	6725	10902	1.01%	0.162%
19	14.306	4238	4253	4262	rBV	445606	679462	63.00%	10.119%
20	14.349	4262	4267	4277	rVB2	34364	46793	4.34%	0.697%
21	14.477	4302	4308	4317	rVB5	10678	16113	1.49%	0.240%
22	16.823	5052	5063	5072	rBV	254296	375262	34.79%	5.589%

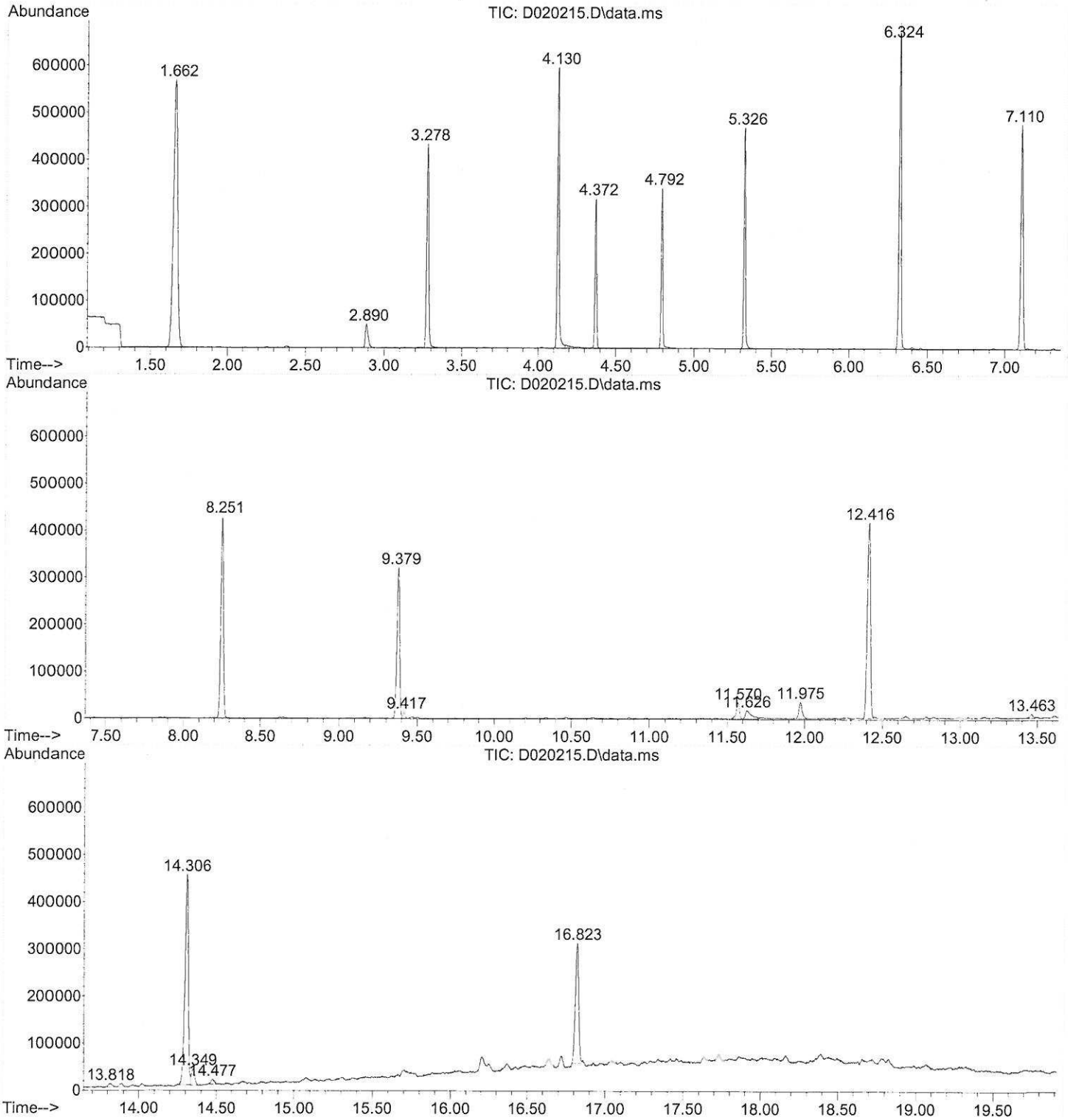
Sum of corrected areas: 6714576

LSC Report - Integrated Chromatogram

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p



Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

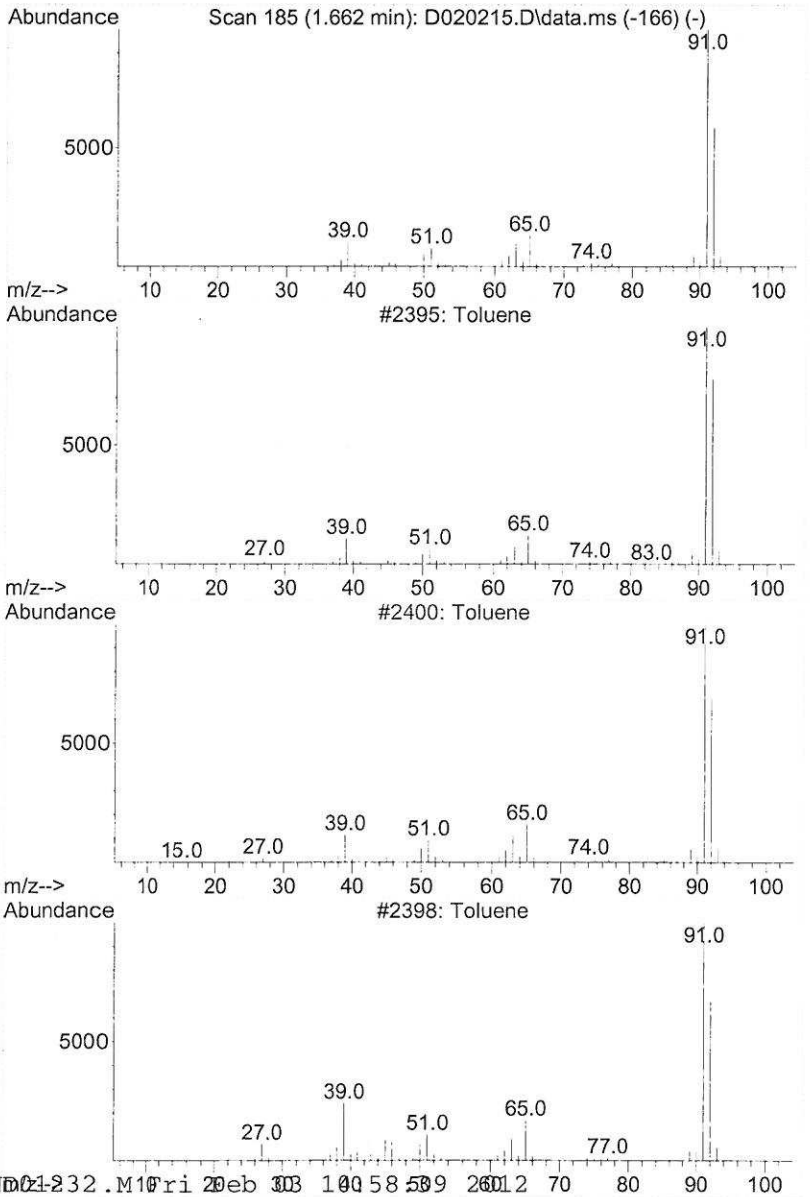
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

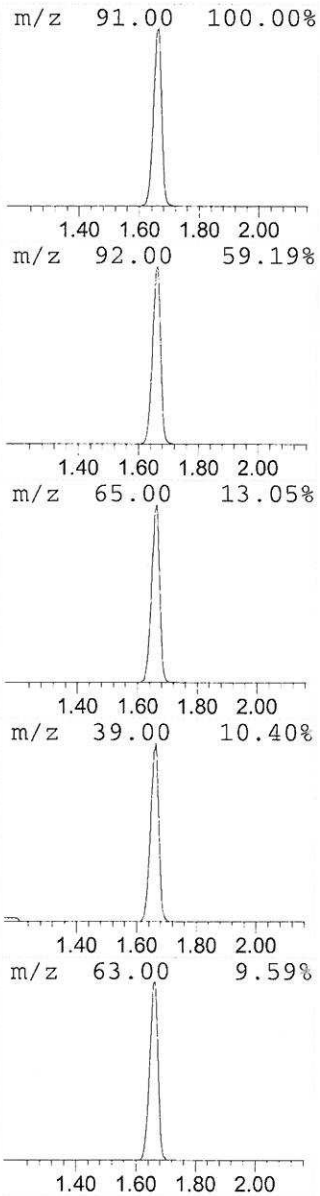
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.662	188.80 ug/ml	1078510	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

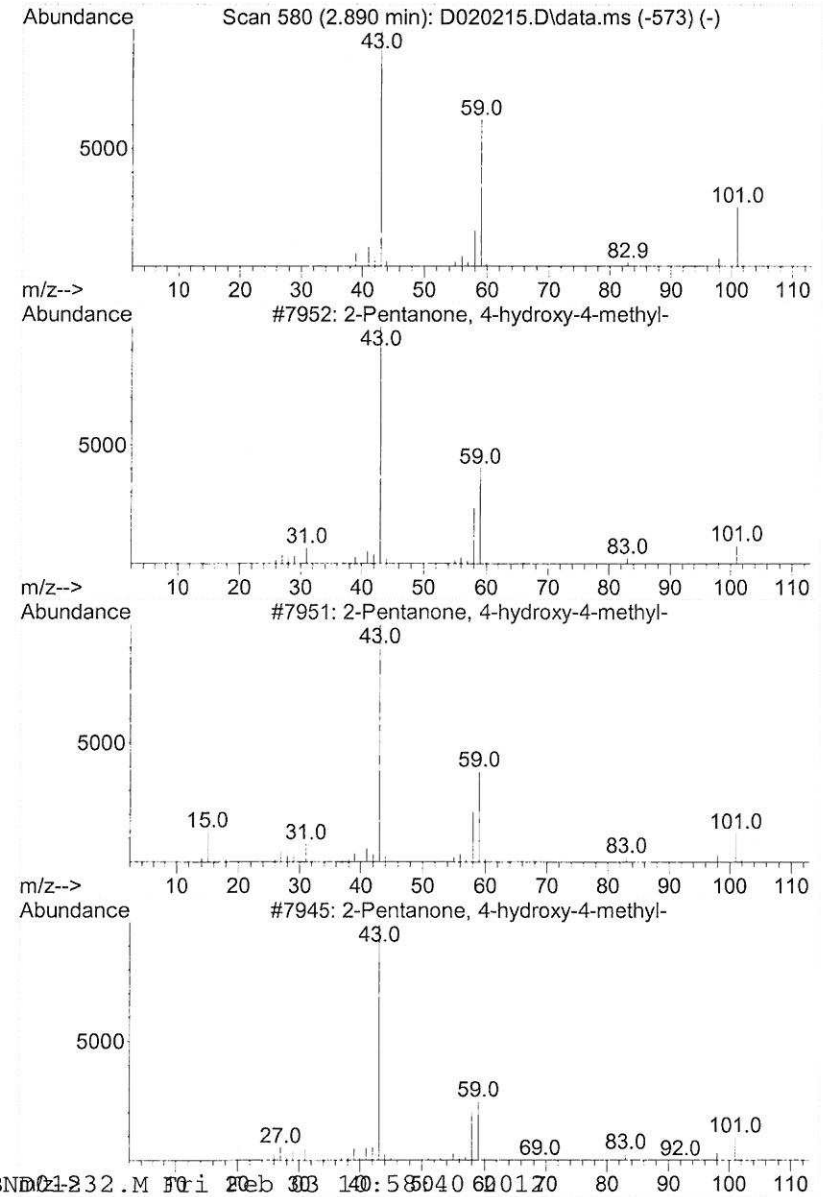
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

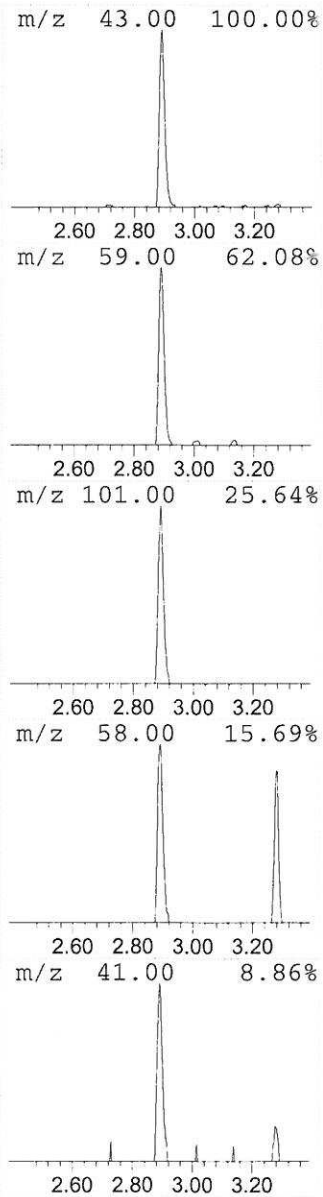
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.890	10.51 ug/ml	60059	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9





Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

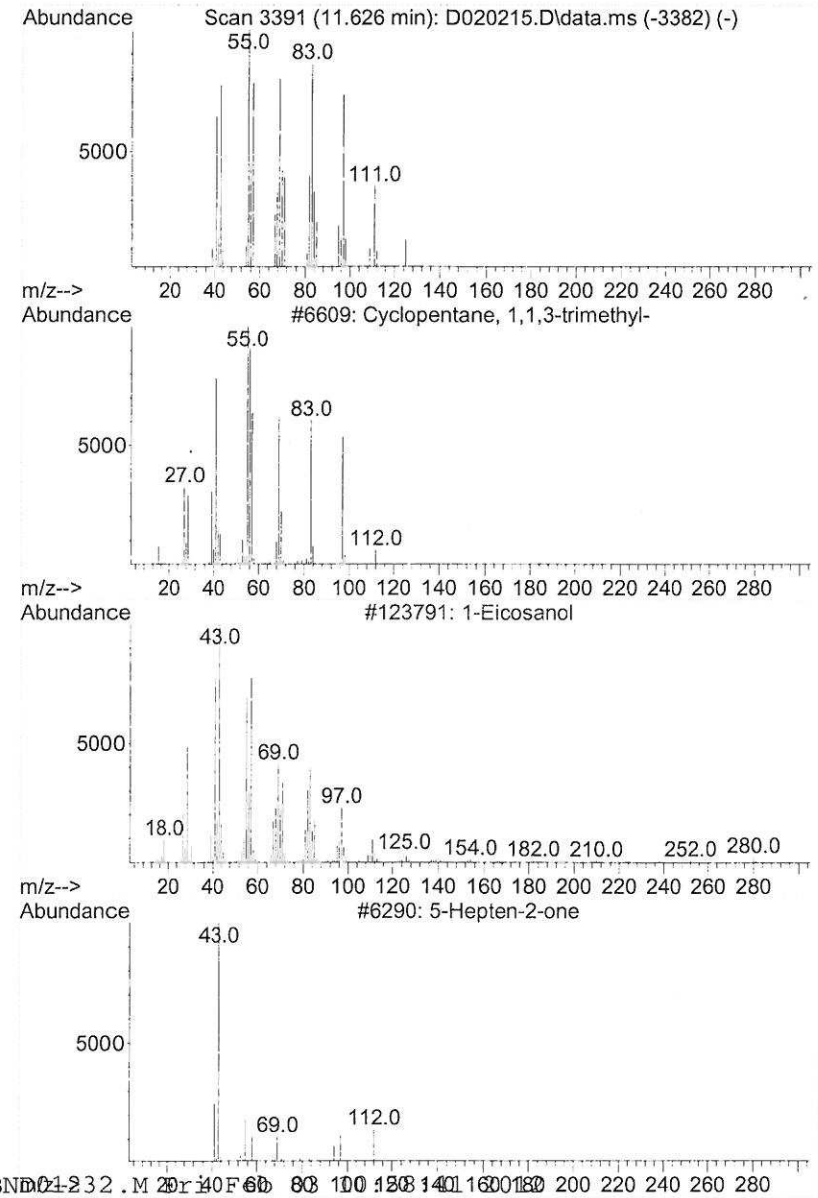
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

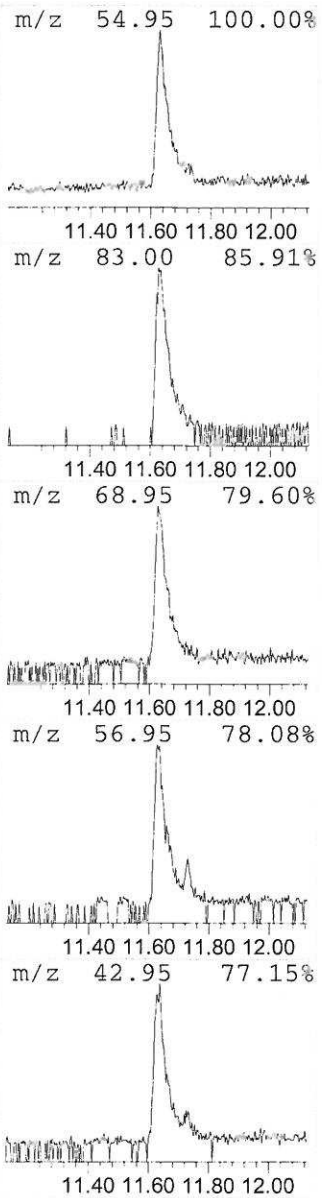
****

Peak Number 3 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.626	4.79 ug/ml	48055	PHENANTHRENE-D10	9.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
2	1-Eicosanol	298	C20H42O	000629-96-9	35
3	5-Hepten-2-one	112	C7H12O	006714-00-7	30
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	27
5	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	27





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	D020216.D
Sampled:	01/27/12 12:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:20
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene		0.087	0.19	
208-96-8	Acenaphthylene		0.087	0.19	
98-86-2	Acetophenone		0.13	0.37	
62-53-3	Aniline		0.12	0.37	MS-09
120-12-7	Anthracene		0.087	0.19	
92-87-5	Benzidine		0.087	0.37	.-04, MS-09, V-2
56-55-3	Benzo(a)anthracene		0.087	0.19	
50-32-8	Benzo(a)pyrene		0.098	0.19	
205-99-2	Benzo(b)fluoranthene		0.098	0.19	
191-24-2	Benzo(g,h,i)perylene		0.076	0.19	
207-08-9	Benzo(k)fluoranthene		0.11	0.19	
65-85-0	Benzoic Acid		0.16	1.1	.-04, MS-09, V-2
111-91-1	Bis(2-chloroethoxy)methane		0.098	0.37	
111-44-4	Bis(2-chloroethyl)ether		0.11	0.37	
39638-32-9	Bis(2-chloroisopropyl)ether		0.11	0.37	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.11	0.37	
101-55-3	4-Bromophenylphenylether		0.076	0.37	
85-68-7	Butylbenzylphthalate		0.12	0.72	
86-74-8	Carbazole		0.087	0.19	
106-47-8	4-Chloroaniline		0.098	0.72	
59-50-7	4-Chloro-3-methylphenol		0.11	0.72	
91-58-7	2-Chloronaphthalene		0.076	0.37	
95-57-8	2-Chlorophenol		0.098	0.37	
7005-72-3	4-Chlorophenylphenylether		0.13	0.37	
218-01-9	Chrysene		0.087	0.19	

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	D020216.D
Sampled:	01/27/12 12:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:20
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.076	0.19	
132-64-9	Dibenzofuran		0.087	0.37	
84-74-2	Di-n-butylphthalate		0.087	0.37	
95-50-1	1,2-Dichlorobenzene		0.087	0.37	
541-73-1	1,3-Dichlorobenzene		0.087	0.37	
106-46-7	1,4-Dichlorobenzene		0.087	0.37	
91-94-1	3,3-Dichlorobenzidine		0.065	0.19	R-06
120-83-2	2,4-Dichlorophenol		0.087	0.37	
84-66-2	Diethylphthalate		0.11	0.37	
105-67-9	2,4-Dimethylphenol		0.076	0.37	
131-11-3	Dimethylphthalate		0.11	0.72	
534-52-1	4,6-Dinitro-2-methylphenol		0.044	0.37	V-20
51-28-5	2,4-Dinitrophenol		0.044	0.72	V-20
121-14-2	2,4-Dinitrotoluene		0.12	0.37	
606-20-2	2,6-Dinitrotoluene		0.12	0.37	
117-84-0	Di-n-octylphthalate		0.14	0.72	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.087	0.37	
206-44-0	Fluoranthene		0.076	0.19	
86-73-7	Fluorene		0.098	0.19	
118-74-1	Hexachlorobenzene		0.087	0.37	
87-68-3	Hexachlorobutadiene		0.065	0.37	
77-47-4	Hexachlorocyclopentadiene		0.065	0.72	R-06
67-72-1	Hexachloroethane		0.087	0.37	
193-39-5	Indeno(1,2,3-cd)pyrene		0.076	0.19	
78-59-1	Isophorone		0.11	0.37	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	D020216.D
Sampled:	01/27/12 12:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:20
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
90-12-0	1-Methylnaphthalene		0.11	0.19	
91-57-6	2-Methylnaphthalene		0.11	0.19	
95-48-7	2-Methylphenol		0.14	0.37	
108-39-4/106-44	3/4-Methylphenol		0.17	0.37	
91-20-3	Naphthalene		0.076	0.19	
88-74-4	2-Nitroaniline		0.11	0.37	
99-09-2	3-Nitroaniline		0.11	0.37	
100-01-6	4-Nitroaniline		0.13	0.37	
98-95-3	Nitrobenzene		0.076	0.37	
88-75-5	2-Nitrophenol		0.054	0.37	
100-02-7	4-Nitrophenol		0.044	0.72	
62-75-9	N-Nitrosodimethylamine		0.065	0.37	
86-30-6	N-Nitrosodiphenylamine		0.12	0.37	
621-64-7	N-Nitrosodi-n-propylamine		0.14	0.37	
82-68-8	Pentachloronitrobenzene		0.12	0.37	
87-86-5	Pentachlorophenol		0.065	0.37	V-20
85-01-8	Phenanthrene		0.087	0.19	
108-95-2	Phenol		0.098	0.37	
129-00-0	Pyrene		0.11	0.19	
110-86-1	Pyridine		0.087	0.37	MS-09
95-94-3	1,2,4,5-Tetrachlorobenzene		0.076	0.37	
120-82-1	1,2,4-Trichlorobenzene		0.065	0.37	
95-95-4	2,4,5-Trichlorophenol		0.11	0.37	
88-06-2	2,4,6-Trichlorophenol		0.076	0.37	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04 Inst : GCMSSV4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 03 09:16:09 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

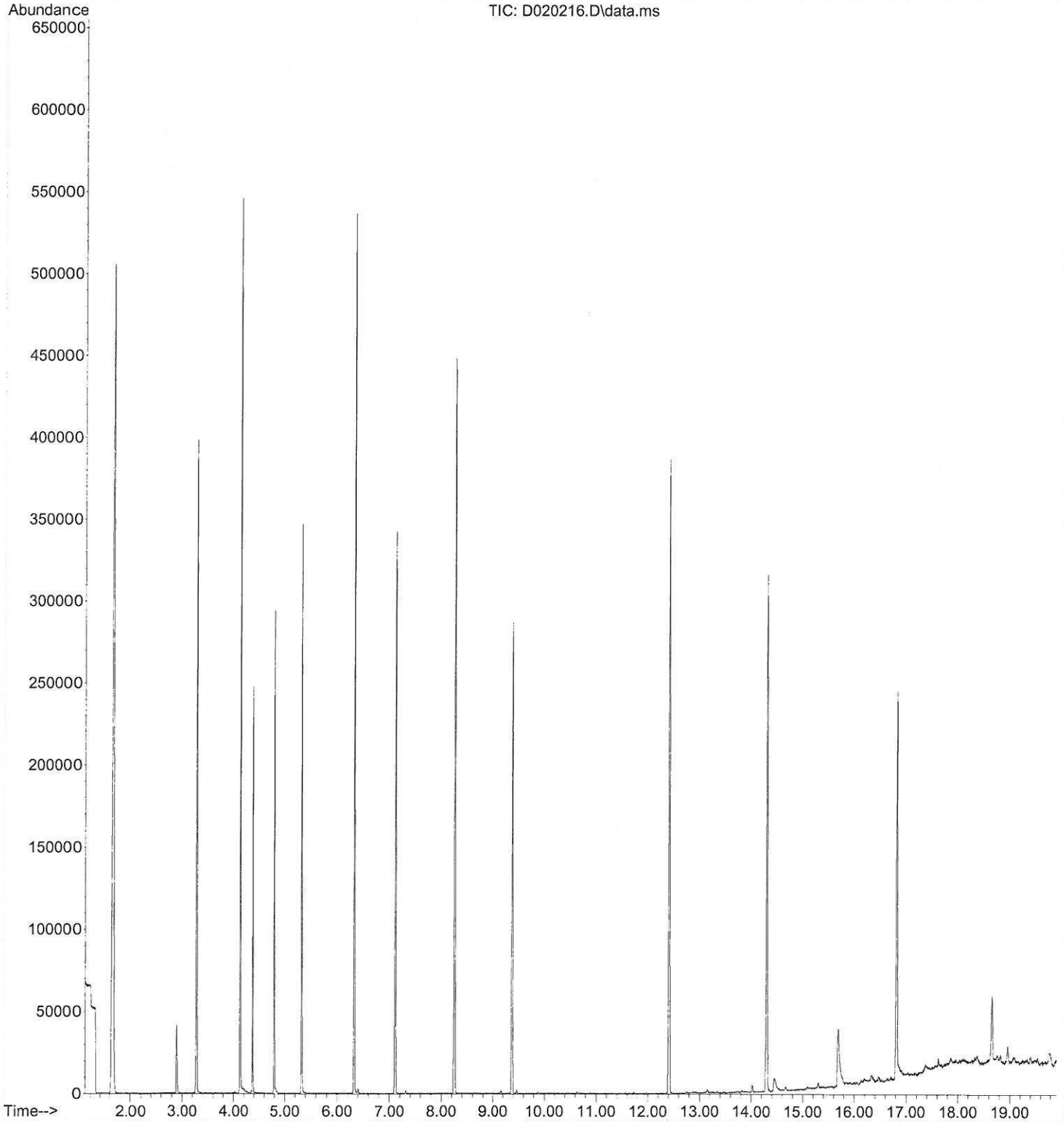
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	47325	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.323	136	123278	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	86005	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	149271	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.299	240	183169	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.814	264	129517	40.00	ug/ml	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol	3.278	112	107268	137.19	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 68.59%			
3) Phenol-d6	4.127	99	144249	145.48	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 72.74%			
20) Nitrobenzene-d5	4.792	82	71174	61.48	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 61.48%			
36) 2-Fluorobiphenyl	6.324	172	163384	68.56	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 68.56%			
37) 2,4,6-Tribromophenol	8.254	330	60325	139.81	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 69.91%			
71) Terphenyl-d14	12.413	244	179362	49.97	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 49.97%			
Target Compounds						Qvalue
17) N-Nitroso-Di-N-Propyla...	4.792	70	9932	18.01	ug/ml#	76

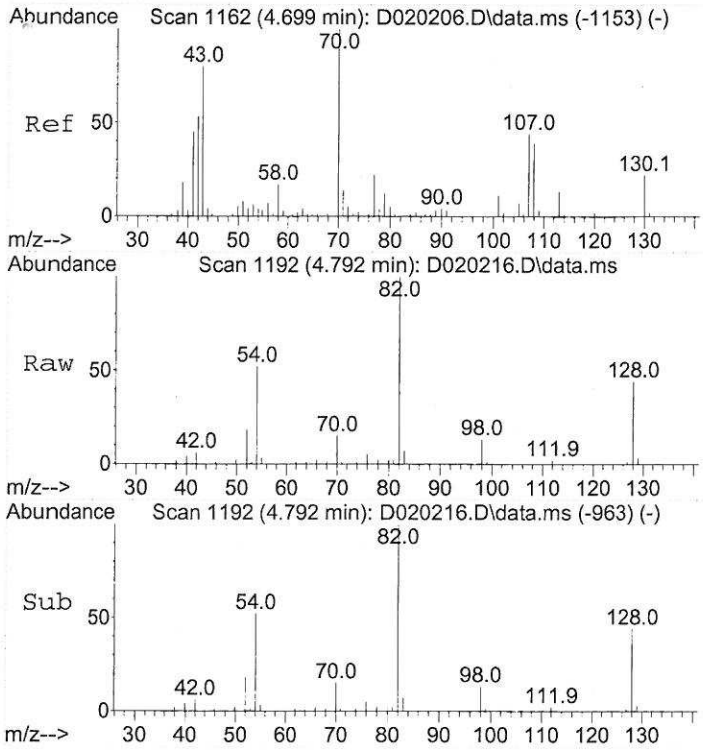
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04 Inst : GCMSSV4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 03 09:16:09 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

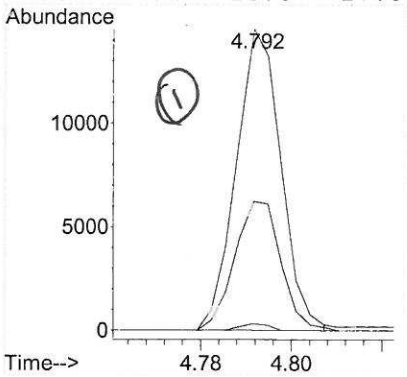




#17
N-Nitroso-Di-N-Propylamine
Concen: 18.01 ug/ml
RT: 4.792 min Scan# 1192
Delta R.T. 0.093 min
Lab File: D020216.D
Acq: 2 Feb 2012 4:20 pm

Tgt Ion: 70 Resp: 9932

Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.4	66.6
101	0.0	8.2	12.4#
130	1.4	18.0	27.0#



Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.656	223.0	ug/ml	983881	1	4.372	176447	40.0
2-Pentanone, 4-...	2.889	11.2	ug/ml	49620	1	4.372	176447	40.0
1-Heneicosyl fo...	15.686	11.2	ug/ml	95554	6	16.814	341368	40.0
Naphthalene, 1,...	18.651	7.5	ug/ml	64174	6	16.814	341368	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020216.D\data.ms

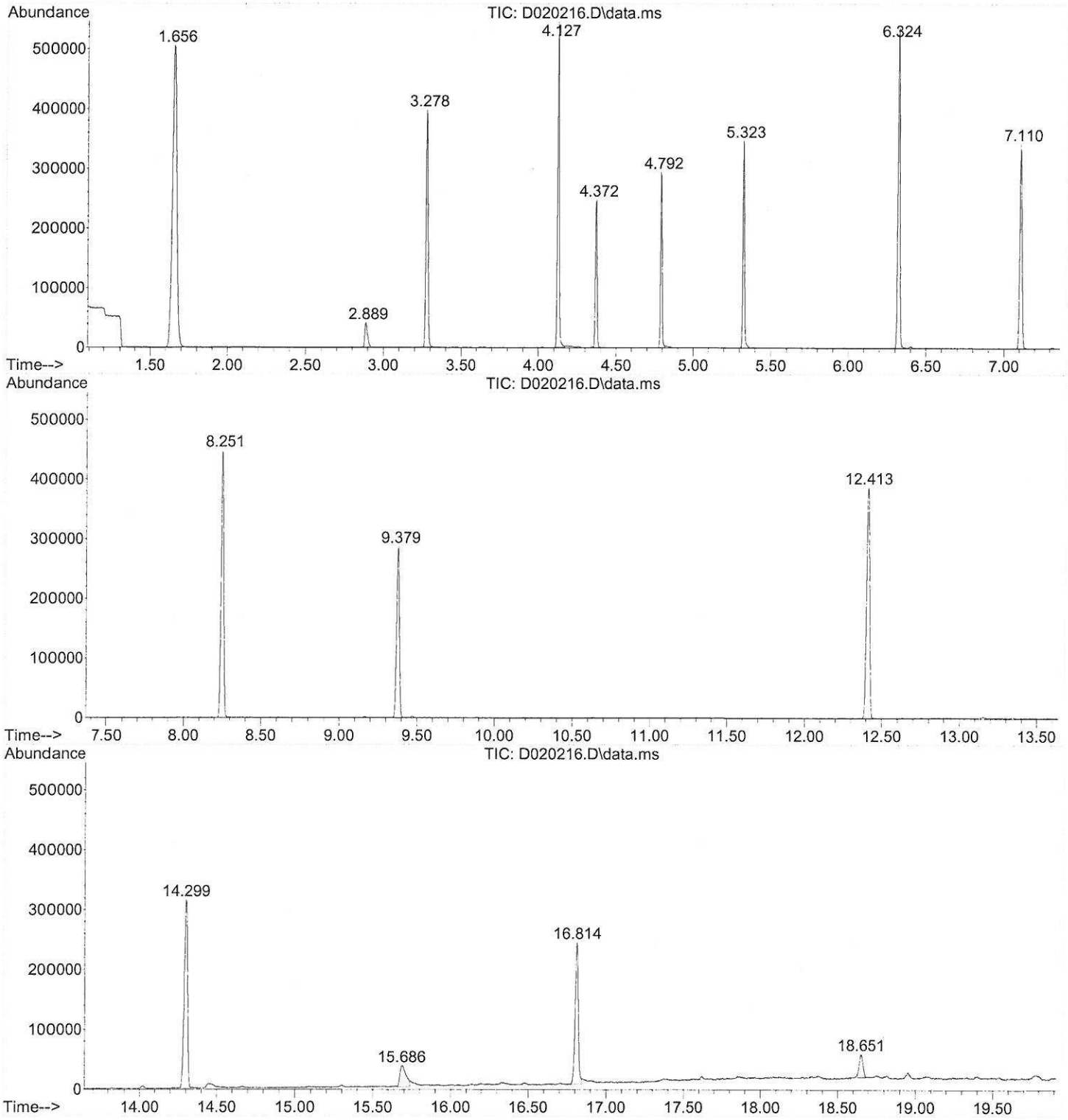
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.656	165	183	208	rVB	505329	983881	100.00%	17.680%
2	2.889	574	580	593	rVB	41300	49620	5.04%	0.892%
3	3.278	698	705	718	rBV	397872	365879	37.19%	6.575%
4	4.127	971	978	992	rBV	545178	397495	40.40%	7.143%
5	4.372	1051	1057	1065	rVB	246955	176447	17.93%	3.171%
6	4.792	1187	1192	1200	rBV	294103	203212	20.65%	3.652%
7	5.323	1357	1363	1380	rBV	346761	249024	25.31%	4.475%
8	6.324	1677	1685	1703	rBV	536424	463459	47.11%	8.328%
9	7.110	1929	1938	1950	rBV	342194	332678	33.81%	5.978%
10	8.251	2295	2305	2319	rBV	448117	513193	52.16%	9.222%
11	9.379	2656	2668	2680	rBV	286750	348732	35.44%	6.267%
12	12.413	3629	3644	3654	rBV3	386963	521820	53.04%	9.377%
13	14.299	4238	4251	4262	rBV	314745	458370	46.59%	8.237%
14	15.686	4688	4697	4714	rBV4	35025	95554	9.71%	1.717%
15	16.814	5047	5060	5070	rBV	236327	341368	34.70%	6.134%
16	18.651	5644	5651	5663	rVB6	38348	64174	6.52%	1.153%

Sum of corrected areas: 5564906

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p



Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

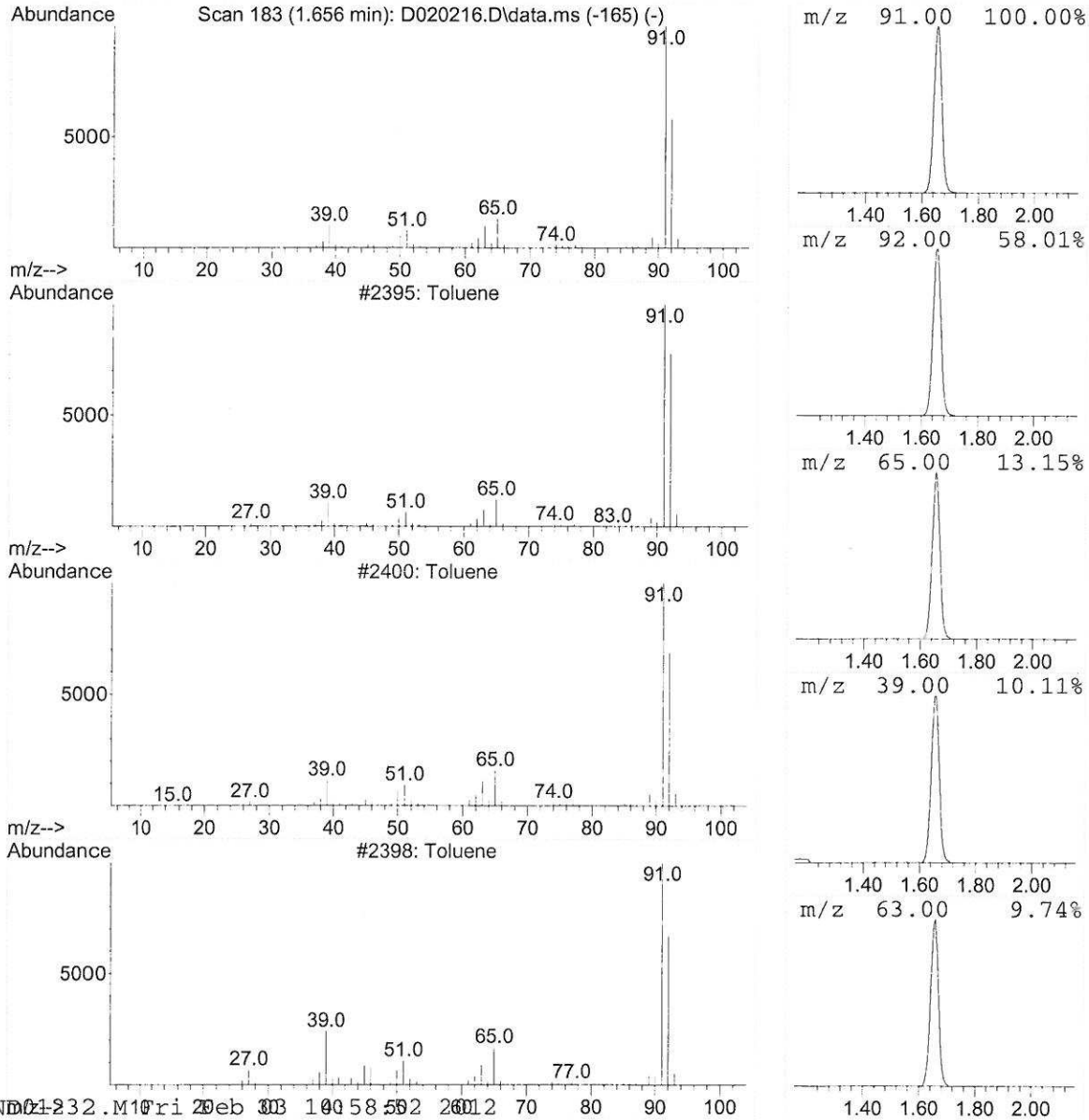
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.656	223.04 ug/ml	983881	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87



Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

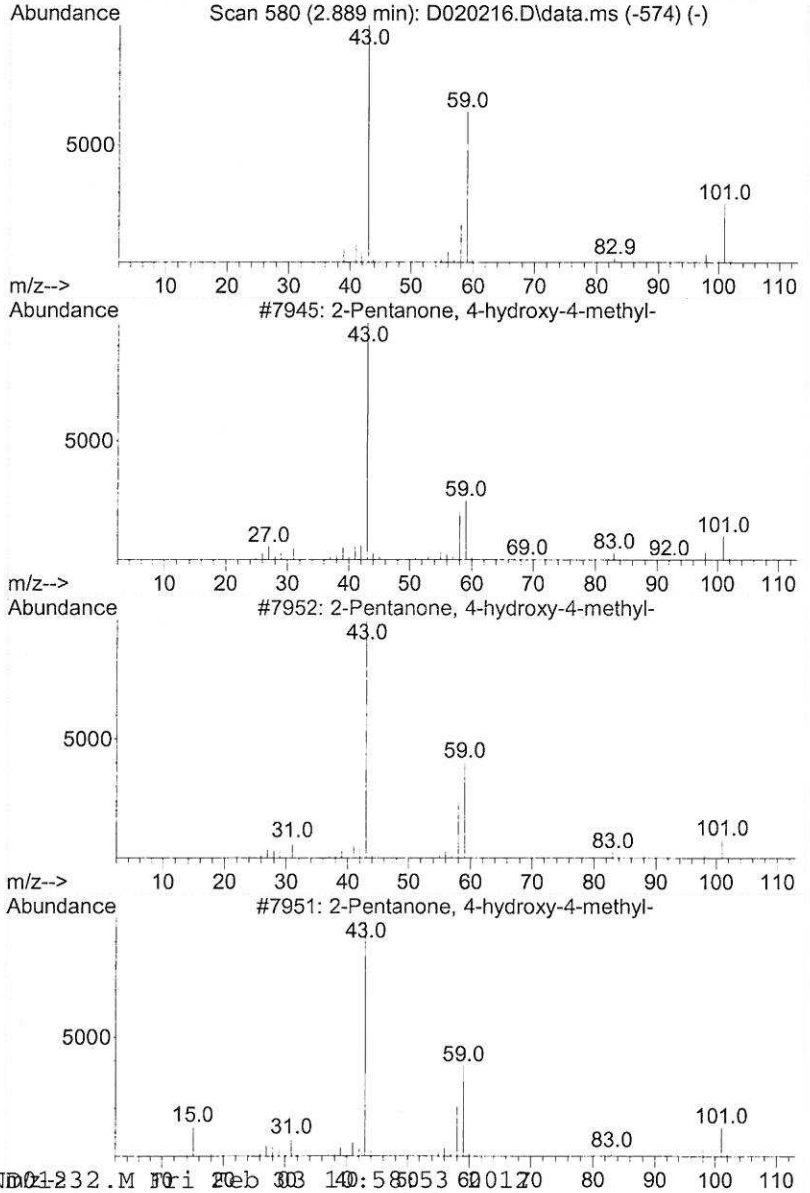
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

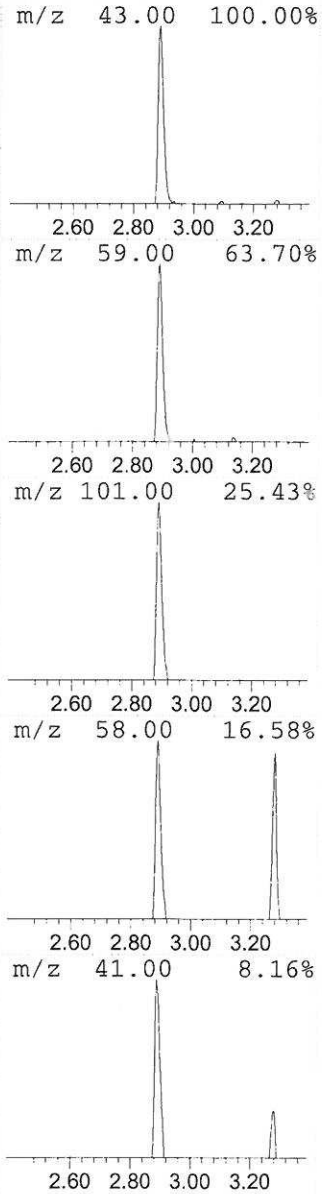
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.889	11.25 ug/ml	49620	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

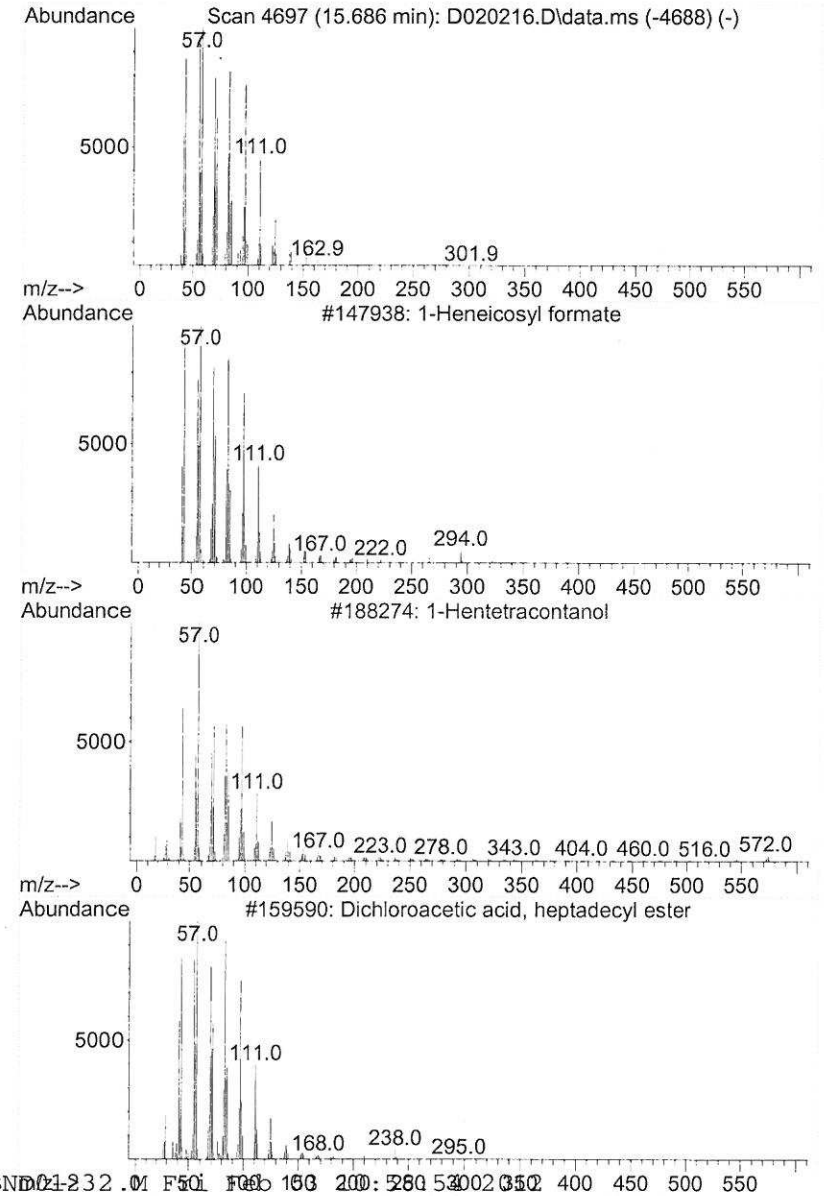
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

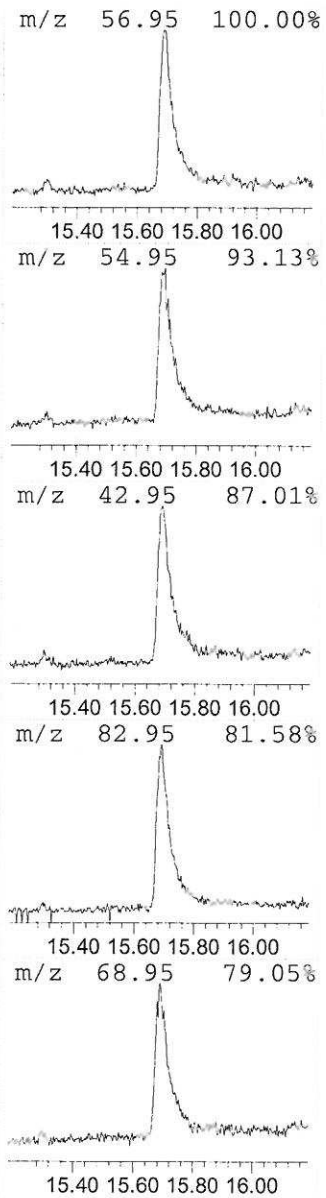
****

Peak Number 3 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	11.20 ug/ml	95554	PERYLENE-D12	16.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
2	1-Hentetracontanol	593	C41H84O	040710-42-7	64
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
4	1-Tetracosanol	354	C24H50O	000506-51-4	62
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	58





Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

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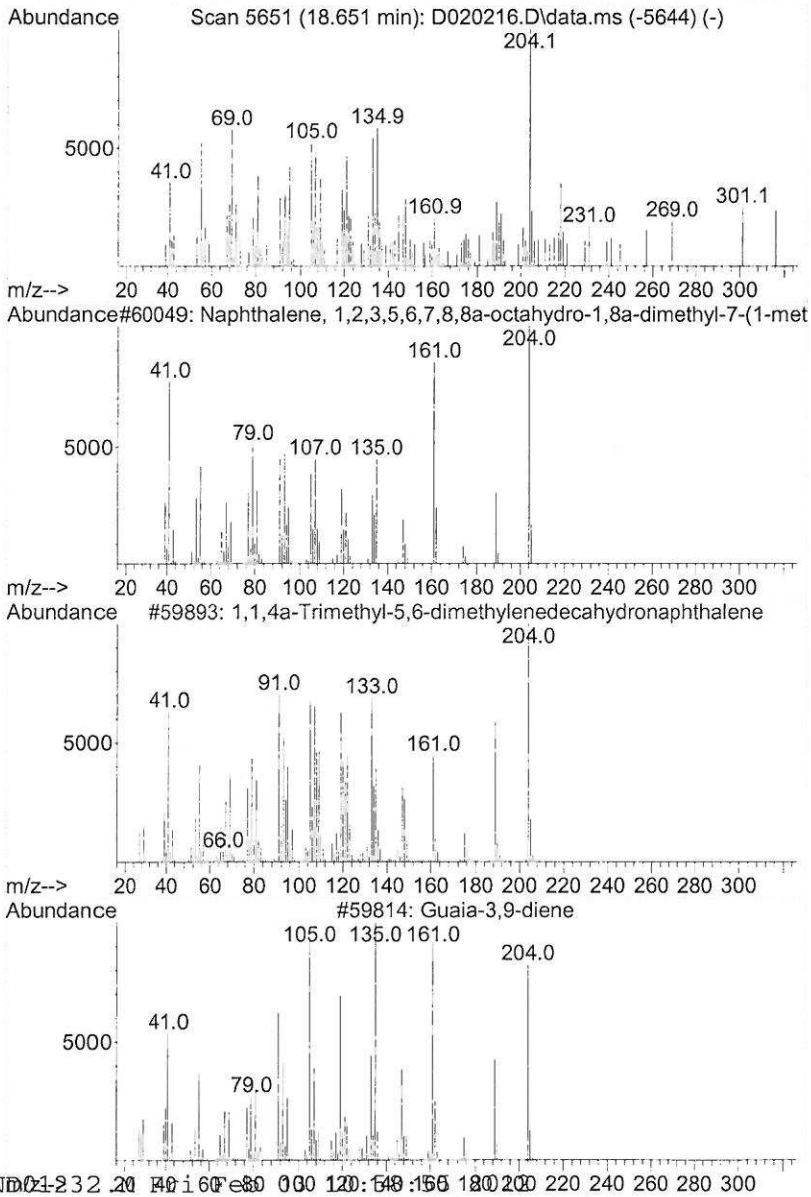
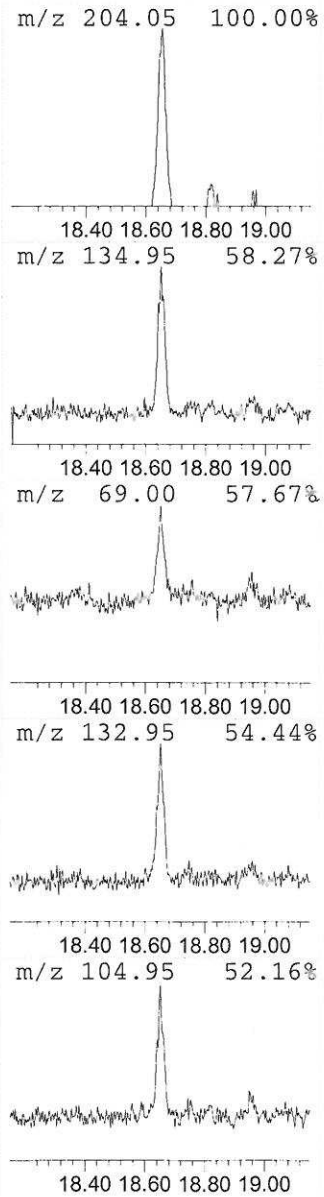
Peak Number 4 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	7.52 ug/ml	64174	PERYLENE-D12	16.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	60
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	52
3	Guaia-3,9-diene	204	C15H24	000489-83-8	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	43





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QC SUMMARY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Instrument:	GCMSSV4

	2,4,6-TBP (30% - 130%)	2-FlBiphenyl (30% - 130%)	2-Fiphenol (30% - 130%)	Nitrobenz-d5 (30% - 130%)	Phenol-d6 (30% - 130%)	Terphnyl-d14 (30% - 130%)
12A0882-01	60.0	79.7	73.6	63.8	85.8	58.7
12A0882-02	46.3	65.3	67.1	56.4	77.9	41.4
12A0882-03	48.7	62.9	60.6	53.9	68.9	40.0
12A0882-04	69.9	68.6	68.6	61.5	72.7	50.0
B045341-BLK1	73.0	69.1	67.4	64.2	68.4	72.6
B045341-BS1	111	80.3	72.1	77.9	73.0	122
B045341-BSD1	113	91.8	83.1	85.5	83.1	127
B045341-MS1	71.8	55.8	51.5	53.1	49.8	83.1
B045341-MSD1	73.3	55.8	52.5	50.8	57.4	63.4

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MS1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
Acenaphthene	1.82	ND	1.01	55.5		40 - 140
Acenaphthylene	1.82	ND	0.984	54.0		40 - 140
Acetophenone	1.82	ND	0.907	49.8		40 - 140
Aniline	1.82	ND	0.605	33.2	*	40 - 140
Anthracene	1.82	ND	1.12	61.3		40 - 140
Benzidine	1.82	ND	0.432	23.7	*	40 - 140
Benzo(a)anthracene	1.82	ND	1.10	60.6		40 - 140
Benzo(a)pyrene	1.82	ND	1.07	58.5		40 - 140
Benzo(b)fluoranthene	1.82	ND	1.04	57.2		40 - 140
Benzo(g,h,i)perylene	1.82	ND	1.17	64.3		40 - 140
Benzo(k)fluoranthene	1.82	ND	1.05	57.5		40 - 140
Benzoic Acid	1.82	ND	0.482	26.5	*	40 - 140
Bis(2-chloroethoxy)methane	1.82	ND	1.01	55.4		40 - 140
Bis(2-chloroethyl)ether	1.82	ND	0.948	52.0		40 - 140
Bis(2-chloroisopropyl)ether	1.82	ND	0.858	47.1		40 - 140
Bis(2-Ethylhexyl)phthalate	1.82	ND	1.34	73.6		40 - 140
4-Bromophenylphenylether	1.82	ND	1.05	57.4		40 - 140
Butylbenzylphthalate	1.82	ND	1.40	76.7		40 - 140
Carbazole	1.82	ND	1.25	68.7		40 - 140
4-Chloroaniline	1.82	ND	0.647	35.5	*	40 - 140
4-Chloro-3-methylphenol	1.82	ND	0.977	53.7		30 - 130
2-Chloronaphthalene	1.82	ND	0.853	46.8		40 - 140
2-Chlorophenol	1.82	ND	0.899	49.3		30 - 130
4-Chlorophenylphenylether	1.82	ND	1.05	57.6		40 - 140
Chrysene	1.82	ND	1.05	57.4		40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MS1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Dibenz(a,h)anthracene	1.82	ND	1.13	62.0	40 - 140
Dibenzofuran	1.82	ND	0.975	53.5	40 - 140
Di-n-butylphthalate	1.82	ND	1.25	68.5	40 - 140
1,2-Dichlorobenzene	1.82	ND	0.856	47.0	40 - 140
1,3-Dichlorobenzene	1.82	ND	0.846	46.5	40 - 140
1,4-Dichlorobenzene	1.82	ND	0.845	46.4	40 - 140
3,3-Dichlorobenzidine	1.82	ND	0.900	49.4	40 - 140
2,4-Dichlorophenol	1.82	ND	0.922	50.6	30 - 130
Diethylphthalate	1.82	ND	1.15	63.4	40 - 140
2,4-Dimethylphenol	1.82	ND	0.997	54.7	30 - 130
Dimethylphthalate	1.82	ND	1.11	60.8	40 - 140
4,6-Dinitro-2-methylphenol	1.82	ND	1.24	68.1	30 - 130
2,4-Dinitrophenol	1.82	ND	1.11	60.8	30 - 130
2,4-Dinitrotoluene	1.82	ND	1.08	59.2	40 - 140
2,6-Dinitrotoluene	1.82	ND	1.10	60.1	40 - 140
Di-n-octylphthalate	1.82	ND	1.28	70.5	40 - 140
1,2-Diphenylhydrazine (as Azobenzene)	1.82	ND	1.00	55.1	40 - 140
Fluoranthene	1.82	ND	1.24	67.9	40 - 140
Fluorene	1.82	ND	1.02	56.2	40 - 140
Hexachlorobenzene	1.82	ND	1.01	55.6	40 - 140
Hexachlorobutadiene	1.82	ND	0.943	51.8	40 - 140
Hexachlorocyclopentadiene	1.82	ND	1.01	55.6	30 - 130
Hexachloroethane	1.82	ND	0.882	48.4	40 - 140
Indeno(1,2,3-cd)pyrene	1.82	ND	1.19	65.4	40 - 140
Isophorone	1.82	ND	0.961	52.8	40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MS1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
1-Methylnaphthalene	1.82	ND	0.932	51.2		40 - 140
2-Methylnaphthalene	1.82	ND	0.842	46.2		40 - 140
2-Methylphenol	1.82	ND	0.906	49.7		30 - 130
3/4-Methylphenol	1.82	ND	1.46	80.1		30 - 130
Naphthalene	1.82	ND	0.891	48.9		40 - 140
2-Nitroaniline	1.82	ND	1.21	66.5		40 - 140
3-Nitroaniline	1.82	ND	1.07	58.6		40 - 140
4-Nitroaniline	1.82	ND	1.17	64.5		40 - 140
Nitrobenzene	1.82	ND	0.948	52.0		40 - 140
2-Nitrophenol	1.82	ND	1.01	55.4		30 - 130
4-Nitrophenol	1.82	ND	1.34	73.6		30 - 130
N-Nitrosodimethylamine	1.82	ND	0.886	48.6		40 - 140
N-Nitrosodiphenylamine	1.82	ND	1.38	75.8		40 - 140
N-Nitrosodi-n-propylamine	1.82	ND	1.03	56.3		40 - 140
Pentachloronitrobenzene	1.82	ND	1.20	66.0		40 - 140
Pentachlorophenol	1.82	ND	1.24	68.2		30 - 130
Phenanthrene	1.82	ND	1.09	59.8		40 - 140
Phenol	1.82	ND	0.886	48.6		30 - 130
Pyrene	1.82	ND	1.48	81.1		40 - 140
Pyridine	1.82	ND	0.619	34.0	*	40 - 140
1,2,4,5-Tetrachlorobenzene	1.82	ND	1.01	55.6		40 - 140
1,2,4-Trichlorobenzene	1.82	ND	0.945	51.9		40 - 140
2,4,5-Trichlorophenol	1.82	ND	1.07	58.6		30 - 130
2,4,6-Trichlorophenol	1.82	ND	1.05	57.7		30 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MSD1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	1.82	1.04	57.0		2.70	30	40 - 140
Acenaphthylene	1.82	1.01	55.4		2.63	30	40 - 140
Acetophenone	1.82	1.02	55.9		11.5	30	40 - 140
Aniline	1.82	0.572	31.4	*	5.69	30	40 - 140
Anthracene	1.82	1.24	68.3		10.8	30	40 - 140
Benzidine	1.82	0.505	27.7	*	15.6	30	40 - 140
Benzo(a)anthracene	1.82	1.24	68.3		11.8	30	40 - 140
Benzo(a)pyrene	1.82	1.18	64.6		9.78	30	40 - 140
Benzo(b)fluoranthene	1.82	1.10	60.4		5.41	30	40 - 140
Benzo(g,h,i)perylene	1.82	1.06	58.4		9.62	30	40 - 140
Benzo(k)fluoranthene	1.82	1.13	61.8		7.20	30	40 - 140
Benzoic Acid	1.82	0.522	28.7	*	7.98	30	40 - 140
Bis(2-chloroethoxy)methane	1.82	1.08	59.1		6.57	30	40 - 140
Bis(2-chloroethyl)ether	1.82	0.993	54.5		4.73	30	40 - 140
Bis(2-chloroisopropyl)ether	1.82	0.938	51.5		8.89	30	40 - 140
Bis(2-Ethylhexyl)phthalate	1.82	1.29	70.9		3.71	30	40 - 140
4-Bromophenylphenylether	1.82	1.34	73.8		24.9	30	40 - 140
Butylbenzylphthalate	1.82	1.26	68.9		10.6	30	40 - 140
Carbazole	1.82	1.28	70.0		1.82	30	40 - 140
4-Chloroaniline	1.82	0.753	41.4		15.2	30	40 - 140
4-Chloro-3-methylphenol	1.82	1.20	65.7		20.2	30	30 - 130
2-Chloronaphthalene	1.82	0.842	46.2		1.25	30	40 - 140
2-Chlorophenol	1.82	0.982	53.9		8.87	30	30 - 130
4-Chlorophenylphenylether	1.82	1.11	60.9		5.43	30	40 - 140
Chrysene	1.82	1.20	65.8		13.7	30	40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MSD1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD		QC LIMITS RPD	QC LIMITS REC.
Dibenz(a,h)anthracene	1.82	1.14	62.4	0.579		30	40 - 140
Dibenzofuran	1.82	1.02	56.1	4.63		30	40 - 140
Di-n-butylphthalate	1.82	1.32	72.2	5.37		30	40 - 140
1,2-Dichlorobenzene	1.82	0.874	48.0	2.11		30	40 - 140
1,3-Dichlorobenzene	1.82	0.834	45.8	1.43		30	40 - 140
1,4-Dichlorobenzene	1.82	0.835	45.8	1.26		30	40 - 140
3,3-Dichlorobenzidine	1.82	1.30	71.3	36.3	*	30	40 - 140
2,4-Dichlorophenol	1.82	1.02	56.2	10.5		30	30 - 130
Diethylphthalate	1.82	1.22	67.0	5.52		30	40 - 140
2,4-Dimethylphenol	1.82	1.08	59.5	8.30		30	30 - 130
Dimethylphthalate	1.82	1.19	65.5	7.44		30	40 - 140
4,6-Dinitro-2-methylphenol	1.82	1.27	70.0	2.75		30	30 - 130
2,4-Dinitrophenol	1.82	1.03	56.4	7.54		30	30 - 130
2,4-Dinitrotoluene	1.82	1.11	61.0	2.96		30	40 - 140
2,6-Dinitrotoluene	1.82	1.18	64.5	7.06		30	40 - 140
Di-n-octylphthalate	1.82	1.03	56.6	21.9		30	40 - 140
1,2-Diphenylhydrazine (as Azobenzene)	1.82	1.31	72.1	26.7		30	40 - 140
Fluoranthene	1.82	1.10	60.6	11.3		30	40 - 140
Fluorene	1.82	1.07	58.8	4.45		30	40 - 140
Hexachlorobenzene	1.82	1.23	67.6	19.5		30	40 - 140
Hexachlorobutadiene	1.82	0.916	50.3	2.90		30	40 - 140
Hexachlorocyclopentadiene	1.82	0.742	40.8	30.7	*	30	30 - 130
Hexachloroethane	1.82	0.905	49.7	2.49		30	40 - 140
Indeno(1,2,3-cd)pyrene	1.82	1.15	63.1	3.61		30	40 - 140
Isophorone	1.82	1.04	56.9	7.55		30	40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MSD1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1-Methylnaphthalene	1.82	1.03	56.6		10.1	30	40 - 140
2-Methylnaphthalene	1.82	0.933	51.2		10.3	30	40 - 140
2-Methylphenol	1.82	1.13	62.2		22.2	30	30 - 130
3/4-Methylphenol	1.82	1.81	99.6		21.7	30	30 - 130
Naphthalene	1.82	0.904	49.6		1.46	30	40 - 140
2-Nitroaniline	1.82	1.07	58.7		12.5	30	40 - 140
3-Nitroaniline	1.82	1.13	62.0		5.57	30	40 - 140
4-Nitroaniline	1.82	1.12	61.6		4.53	30	40 - 140
Nitrobenzene	1.82	0.900	49.4		5.21	30	40 - 140
2-Nitrophenol	1.82	0.988	54.3		2.15	30	30 - 130
4-Nitrophenol	1.82	1.30	71.3		3.15	30	30 - 130
N-Nitrosodimethylamine	1.82	0.783	43.0		12.3	30	40 - 140
N-Nitrosodiphenylamine	1.82	1.84	101		28.4	30	40 - 140
N-Nitrosodi-n-propylamine	1.82	1.24	68.3		19.4	30	40 - 140
Pentachloronitrobenzene	1.82	1.37	75.4		13.3	30	40 - 140
Pentachlorophenol	1.82	1.34	73.7		7.84	30	30 - 130
Phenanthrene	1.82	1.22	66.9		11.3	30	40 - 140
Phenol	1.82	1.02	55.9		13.9	30	30 - 130
Pyrene	1.82	1.13	62.1		26.5	30	40 - 140
Pyridine	1.82	0.514	28.2	*	18.6	30	40 - 140
1,2,4,5-Tetrachlorobenzene	1.82	0.987	54.2		2.62	30	40 - 140
1,2,4-Trichlorobenzene	1.82	0.925	50.8		2.14	30	40 - 140
2,4,5-Trichlorophenol	1.82	1.21	66.6		12.7	30	30 - 130
2,4,6-Trichlorophenol	1.82	1.13	62.0		7.12	30	30 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BS1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.		QC LIMITS REC.
Acenaphthene	1.67	1.34	80.7		40 - 140
Acenaphthylene	1.67	1.32	79.0		40 - 140
Acetophenone	1.67	1.17	70.3		40 - 140
Aniline	1.67	0.622	37.3		10 - 140
Anthracene	1.67	1.49	89.3		40 - 140
Benzidine	1.67	0.551	33.1	*	40 - 140
Benzo(a)anthracene	1.67	1.50	90.0		40 - 140
Benzo(a)pyrene	1.67	1.44	86.4		40 - 140
Benzo(b)fluoranthene	1.67	1.42	85.1		40 - 140
Benzo(g,h,i)perylene	1.67	1.50	90.1		40 - 140
Benzo(k)fluoranthene	1.67	1.38	83.1		40 - 140
Benzoic Acid	1.67	ND	0	*	30 - 130
Bis(2-chloroethoxy)methane	1.67	1.35	80.7		40 - 140
Bis(2-chloroethyl)ether	1.67	1.23	73.8		40 - 140
Bis(2-chloroisopropyl)ether	1.67	1.12	67.3		40 - 140
Bis(2-Ethylhexyl)phthalate	1.67	1.85	111		40 - 140
4-Bromophenylphenylether	1.67	1.54	92.2		40 - 140
Butylbenzylphthalate	1.67	1.83	110		40 - 140
Carbazole	1.67	1.52	91.0		40 - 140
4-Chloroaniline	1.67	0.672	40.3		10 - 140
4-Chloro-3-methylphenol	1.67	1.51	90.3		30 - 130
2-Chloronaphthalene	1.67	1.17	70.0		40 - 140
2-Chlorophenol	1.67	1.17	70.2		30 - 130
4-Chlorophenylphenylether	1.67	1.44	86.6		40 - 140
Chrysene	1.67	1.43	85.5		40 - 140
Dibenz(a,h)anthracene	1.67	1.51	90.7		40 - 140
Dibenzofuran	1.67	1.34	80.6		40 - 140
Di-n-butylphthalate	1.67	1.55	92.8		40 - 140
1,2-Dichlorobenzene	1.67	1.14	68.5		40 - 140
1,3-Dichlorobenzene	1.67	1.12	67.3		40 - 140
1,4-Dichlorobenzene	1.67	1.12	67.0		40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BS1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
3,3-Dichlorobenzidine	1.67	1.17	70.1	20 - 140
2,4-Dichlorophenol	1.67	1.35	81.0	30 - 130
Diethylphthalate	1.67	1.60	96.1	40 - 140
2,4-Dimethylphenol	1.67	1.40	84.2	30 - 130
Dimethylphthalate	1.67	1.58	94.7	40 - 140
4,6-Dinitro-2-methylphenol	1.67	1.58	95.0	30 - 130
2,4-Dinitrophenol	1.67	1.49	89.5	30 - 130
2,4-Dinitrotoluene	1.67	1.51	90.6	40 - 140
2,6-Dinitrotoluene	1.67	1.57	94.4	40 - 140
Di-n-octylphthalate	1.67	1.74	104	40 - 140
1,2-Diphenylhydrazine (as Azobenzene)	1.67	1.41	84.4	40 - 140
Fluoranthene	1.67	1.48	88.6	40 - 140
Fluorene	1.67	1.38	83.1	40 - 140
Hexachlorobenzene	1.67	1.44	86.2	40 - 140
Hexachlorobutadiene	1.67	1.28	76.5	40 - 140
Hexachlorocyclopentadiene	1.67	1.27	76.2	40 - 140
Hexachloroethane	1.67	1.19	71.2	40 - 140
Indeno(1,2,3-cd)pyrene	1.67	1.56	93.4	40 - 140
Isophorone	1.67	1.34	80.2	40 - 140
1-Methylnaphthalene	1.67	1.34	80.3	40 - 140
2-Methylnaphthalene	1.67	1.21	72.7	40 - 140
2-Methylphenol	1.67	1.25	74.7	30 - 130
3/4-Methylphenol	1.67	1.64	98.3	30 - 130
Naphthalene	1.67	1.21	72.8	40 - 140
2-Nitroaniline	1.67	1.41	84.9	40 - 140
3-Nitroaniline	1.67	1.20	72.3	30 - 140
4-Nitroaniline	1.67	1.40	84.0	40 - 140
Nitrobenzene	1.67	1.24	74.3	40 - 140
2-Nitrophenol	1.67	1.37	82.4	30 - 130
4-Nitrophenol	1.67	1.63	97.8	30 - 130
N-Nitrosodimethylamine	1.67	1.11	66.8	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BS1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
N-Nitrosodiphenylamine	1.67	2.04	122	40 - 140
N-Nitrosodi-n-propylamine	1.67	1.39	83.2	40 - 140
Pentachloronitrobenzene	1.67	1.68	101	40 - 140
Pentachlorophenol	1.67	1.69	101	30 - 130
Phenanthrene	1.67	1.46	87.8	40 - 140
Phenol	1.67	1.16	69.8	30 - 130
Pyrene	1.67	1.90	114	40 - 140
Pyridine	1.67	0.893	53.6	30 - 140
1,2,4,5-Tetrachlorobenzene	1.67	1.28	76.8	40 - 140
1,2,4-Trichlorobenzene	1.67	1.29	77.7	40 - 140
2,4,5-Trichlorophenol	1.67	1.45	86.8	30 - 130
2,4,6-Trichlorophenol	1.67	1.51	90.9	30 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	1.67	1.47	88.1		8.82	30	40 - 140
Acenaphthylene	1.67	1.46	87.4		10.1	30	40 - 140
Acetophenone	1.67	1.31	78.4		10.8	30	40 - 140
Aniline	1.67	0.777	46.6		22.1	50	10 - 140
Anthracene	1.67	1.58	95.0		6.21	30	40 - 140
Benzidine	1.67	0.592	35.5	*	7.23	30	40 - 140
Benzo(a)anthracene	1.67	1.60	96.0		6.52	30	40 - 140
Benzo(a)pyrene	1.67	1.53	92.0		6.28	30	40 - 140
Benzo(b)fluoranthene	1.67	1.57	94.0		9.92	30	40 - 140
Benzo(g,h,i)perylene	1.67	1.64	98.2		8.54	30	40 - 140
Benzo(k)fluoranthene	1.67	1.52	91.2		9.34	30	40 - 140
Benzoic Acid	1.67	0.237	14.2	*		50	30 - 130
Bis(2-chloroethoxy)methane	1.67	1.51	90.9		11.8	30	40 - 140
Bis(2-chloroethyl)ether	1.67	1.38	82.6		11.2	30	40 - 140
Bis(2-chloroisopropyl)ether	1.67	1.24	74.1		9.70	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BSD1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bis(2-Ethylhexyl)phthalate	1.67	1.98	119	7.02	30	40 - 140
4-Bromophenylphenylether	1.67	1.60	96.1	4.12	30	40 - 140
Butylbenzylphthalate	1.67	1.98	119	7.72	30	40 - 140
Carbazole	1.67	1.63	97.9	7.37	30	40 - 140
4-Chloroaniline	1.67	0.683	41.0	1.67	30	10 - 140
4-Chloro-3-methylphenol	1.67	1.49	89.7	0.711	30	30 - 130
2-Chloronaphthalene	1.67	1.32	79.2	12.2	30	40 - 140
2-Chlorophenol	1.67	1.36	81.9	15.4	30	30 - 130
4-Chlorophenylphenylether	1.67	1.54	92.3	6.37	30	40 - 140
Chrysene	1.67	1.51	90.6	5.75	30	40 - 140
Dibenz(a,h)anthracene	1.67	1.60	96.1	5.80	30	40 - 140
Dibenzofuran	1.67	1.45	87.1	7.73	30	40 - 140
Di-n-butylphthalate	1.67	1.67	100	7.69	30	40 - 140
1,2-Dichlorobenzene	1.67	1.23	73.8	7.42	30	40 - 140
1,3-Dichlorobenzene	1.67	1.22	72.9	8.04	30	40 - 140
1,4-Dichlorobenzene	1.67	1.19	71.6	6.66	30	40 - 140
3,3-Dichlorobenzidine	1.67	1.26	75.7	7.69	50	20 - 140
2,4-Dichlorophenol	1.67	1.42	85.2	5.03	30	30 - 130
Diethylphthalate	1.67	1.65	99.2	3.20	30	40 - 140
2,4-Dimethylphenol	1.67	1.49	89.2	5.74	30	30 - 130
Dimethylphthalate	1.67	1.67	100	5.46	30	40 - 140
4,6-Dinitro-2-methylphenol	1.67	1.67	100	5.53	30	30 - 130
2,4-Dinitrophenol	1.67	1.59	95.5	6.44	30	30 - 130
2,4-Dinitrotoluene	1.67	1.61	96.8	6.55	30	40 - 140
2,6-Dinitrotoluene	1.67	1.67	100	6.06	30	40 - 140
Di-n-octylphthalate	1.67	2.00	120	14.1	30	40 - 140
1,2-Diphenylhydrazine (as Azobenzene)	1.67	1.51	90.8	7.37	30	40 - 140
Fluoranthene	1.67	1.57	94.2	6.06	30	40 - 140
Fluorene	1.67	1.46	87.3	4.98	30	40 - 140
Hexachlorobenzene	1.67	1.49	89.6	3.91	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BSD1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Hexachlorobutadiene	1.67	1.40	84.0	9.32	30	40 - 140
Hexachlorocyclopentadiene	1.67	1.44	86.7	12.9	30	40 - 140
Hexachloroethane	1.67	1.27	75.9	6.50	30	40 - 140
Indeno(1,2,3-cd)pyrene	1.67	1.62	97.3	4.15	30	40 - 140
Isophorone	1.67	1.42	85.2	5.95	30	40 - 140
1-Methylnaphthalene	1.67	1.41	84.6	5.19	30	40 - 140
2-Methylnaphthalene	1.67	1.28	76.9	5.64	30	40 - 140
2-Methylphenol	1.67	1.43	85.7	13.7	30	30 - 130
3/4-Methylphenol	1.67	1.89	113	14.4	30	30 - 130
Naphthalene	1.67	1.33	80.0	9.43	30	40 - 140
2-Nitroaniline	1.67	1.50	89.8	5.61	30	40 - 140
3-Nitroaniline	1.67	1.23	73.9	2.27	30	30 - 140
4-Nitroaniline	1.67	1.49	89.6	6.40	30	40 - 140
Nitrobenzene	1.67	1.36	81.7	9.49	30	40 - 140
2-Nitrophenol	1.67	1.50	89.8	8.52	30	30 - 130
4-Nitrophenol	1.67	1.68	101	2.82	50	30 - 130
N-Nitrosodimethylamine	1.67	1.23	74.1	10.3	30	40 - 140
N-Nitrosodiphenylamine	1.67	2.15	129	5.17	30	40 - 140
N-Nitrosodi-n-propylamine	1.67	1.52	91.2	9.17	30	40 - 140
Pentachloronitrobenzene	1.67	1.78	107	5.87	30	40 - 140
Pentachlorophenol	1.67	1.77	106	4.53	30	30 - 130
Phenanthrene	1.67	1.55	93.2	5.97	30	40 - 140
Phenol	1.67	1.36	81.8	15.8	30	30 - 130
Pyrene	1.67	2.03	122	6.26	30	40 - 140
Pyridine	1.67	0.910	54.6	1.92	30	30 - 140
1,2,4,5-Tetrachlorobenzene	1.67	1.51	90.4	16.2	30	40 - 140
1,2,4-Trichlorobenzene	1.67	1.40	84.2	8.08	30	40 - 140
2,4,5-Trichlorophenol	1.67	1.64	98.1	12.2	30	30 - 130
2,4,6-Trichlorophenol	1.67	1.59	95.3	4.77	30	30 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B045341-BLK1	Batch:	B045341

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B045341-MSD1	D020211a.D	14:35
Matrix Spike	B045341-MS1	D020210.D	12:49
LCS Dup	B045341-BSD1	D020209.D	12:23
LCS	B045341-BS1	D020208.D	11:56
FPC-SB03	12A0882-04	D020216.D	16:20
FPC-SB02/D	12A0882-03	D020215.D	15:54
FPC-SB02	12A0882-02	D020214.D	15:28
FPC-SB01	12A0882-01	D020218.D	16:50

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	D020201.D	Injection Date:	02/02/12
Instrument ID:	GCMSSV4	Injection Time:	08:24
Sequence:	S001784	Lab Sample ID:	S001784-TUN1

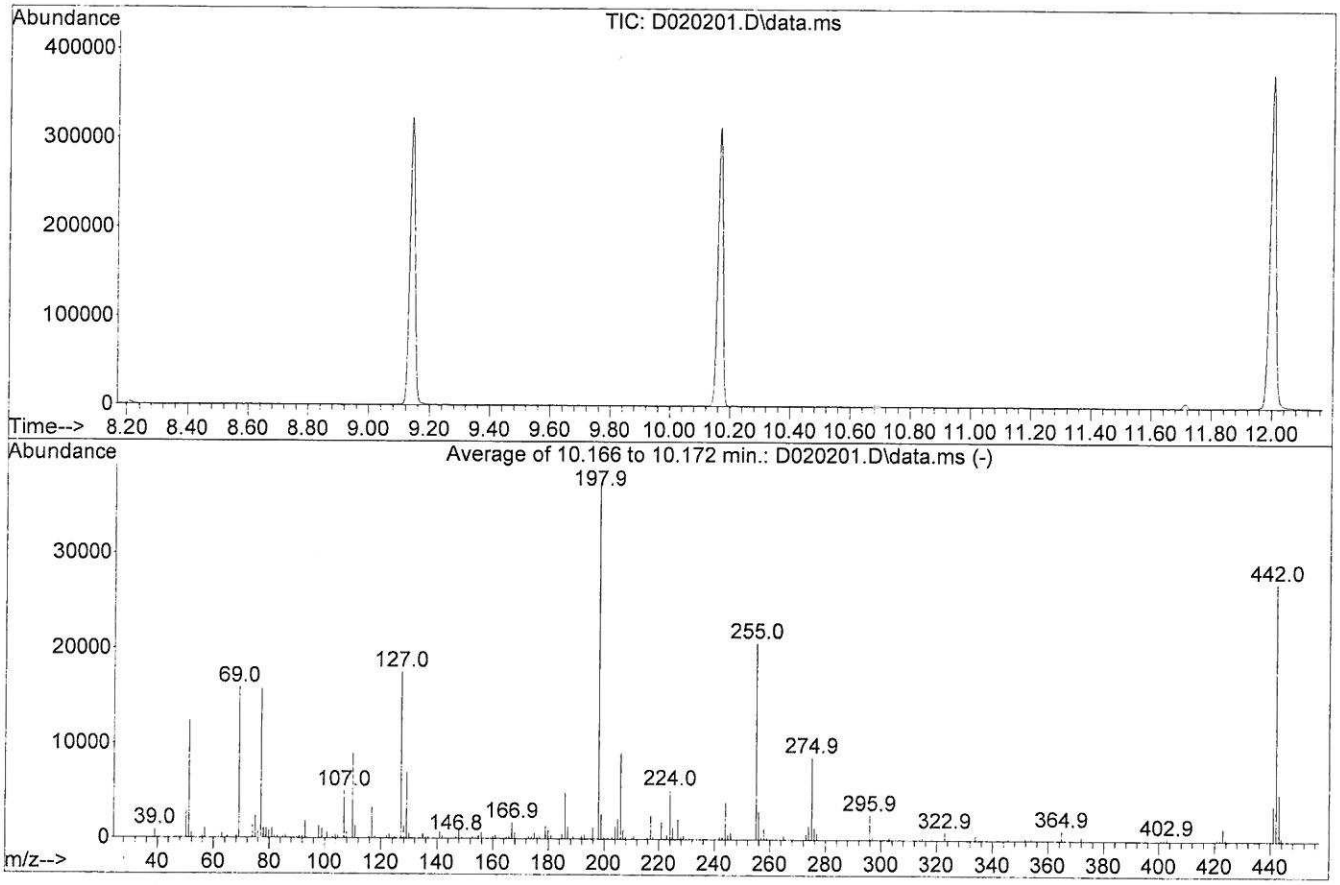
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
51	10 - 80% of 198	33.2	PASS
68	Less than 2% of 69	1.45	PASS
69	Base peak, 100% relative abundance	100	PASS
70	Less than 2% of 69	0	PASS
127	10 - 80% of 198	47	PASS
197	Less than 2% of 198	0	PASS
198	Base peak, 100% relative abundance	100	PASS
199	5 - 9% of 198	7.02	PASS
275	10 - 60% of 198	23.3	PASS
365	1 - 200% of 198	2.73	PASS
441	Less than 24% of 442	13.9	PASS
442	50 - 200% of 198	72.4	PASS
443	15 - 24% of 442	18.3	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001784-CCV1	D020206.D	02/02/2012	10:59:00
Blank	B045341-BLK1	D020207.D	02/02/2012	11:30:00
LCS	B045341-BS1	D020208.D	02/02/2012	11:56:00
LCS Dup	B045341-BSD1	D020209.D	02/02/2012	12:23:00
Matrix Spike	B045341-MS1	D020210.D	02/02/2012	12:49:00
Matrix Spike Dup	B045341-MSD1	D020211a.D	02/02/2012	14:35:00
FPC-SB02	12A0882-02	D020214.D	02/02/2012	15:28:00
FPC-SB02/D	12A0882-03	D020215.D	02/02/2012	15:54:00
FPC-SB03	12A0882-04	D020216.D	02/02/2012	16:20:00
FPC-SB01	12A0882-01	D020218.D	02/02/2012	16:50:00

Data Path : C:\MSDCHEM\1\DATA\020212\Snapshot\
Data File : D020201.D
Acq On : 2 Feb 2012 8:24 am
Operator : BGL
Sample : dftpp 50 ng 112611 1776
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\METHODS\DFTPPC.M
Title : dftpp svms4 method C Criteria
Last Update : Sat Mar 14 15:39:58 2009



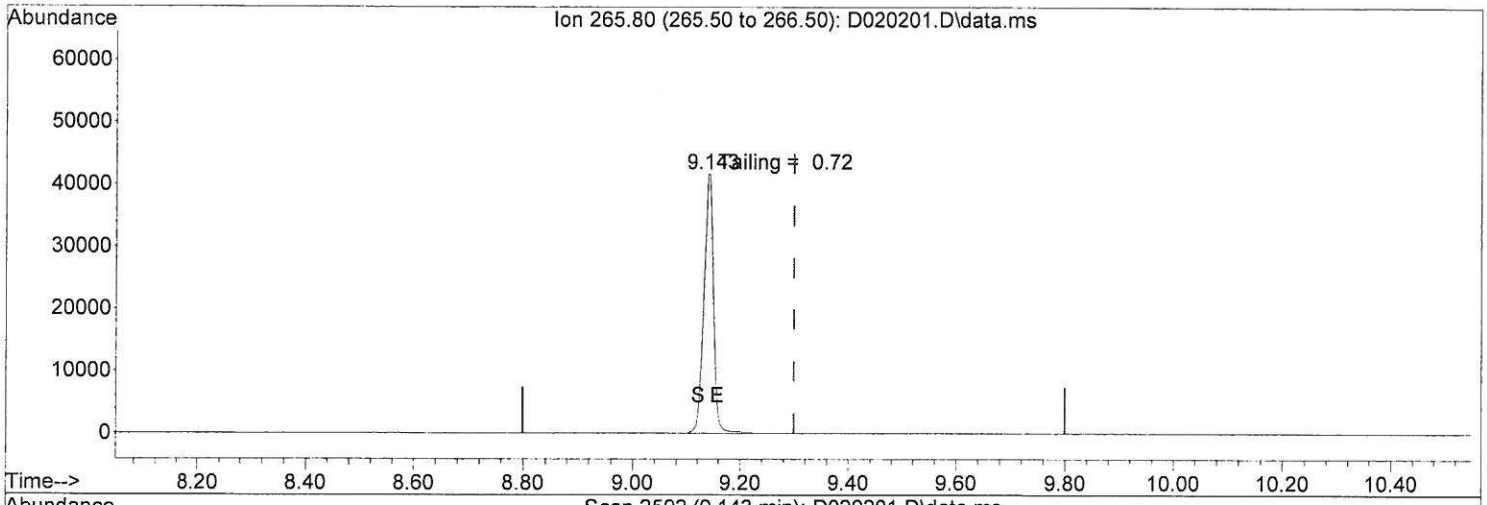
AutoFind: Scans 2921, 2922, 2923; Background Corrected with Scan 2907

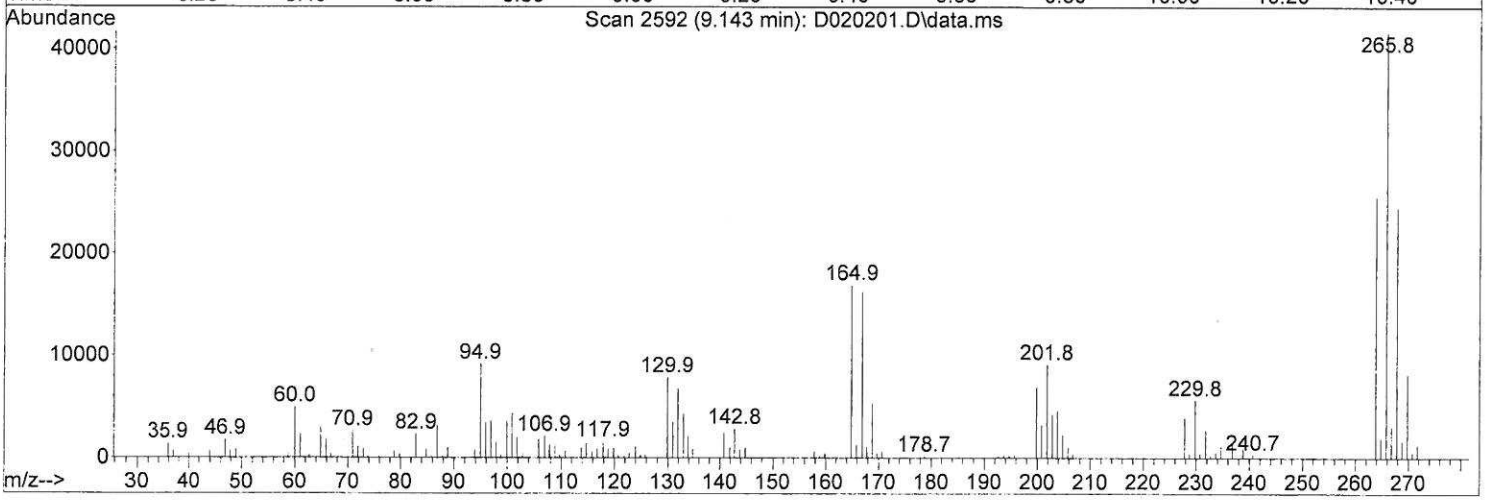
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.2	12392	PASS
68	69	0.00	2	1.5	231	PASS
69	69	100	100	100.0	15893	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	47.0	17571	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	37379	PASS
199	198	5	9	7.0	2623	PASS
275	198	10	30	23.3	8719	PASS
365	198	1	100	2.7	1022	PASS
441	443	0.01	100	76.2	3763	PASS
442	198	40	100	72.4	27061	PASS
443	442	17	23	18.3	4939	PASS

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\020212\Snapshot\
Data File : D020201.D
Acq On : 2 Feb 2012 8:24 am
Operator : BGL
Sample : dftpp 50 ng 112611 1776 Inst : GCMSSV4
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 02 08:50:27 2012
Quant Method : C:\msdchem\1\METHODS\DFTPPC.M
Quant Title : dftpp svms4 method C Criteria
QLast Update : Mon Jul 21 14:15:56 2008
Response via : Initial Calibration





TIC: D020201.D\data.ms

(1) Pentachlorophenol

9.143min (-0.157) 0.00

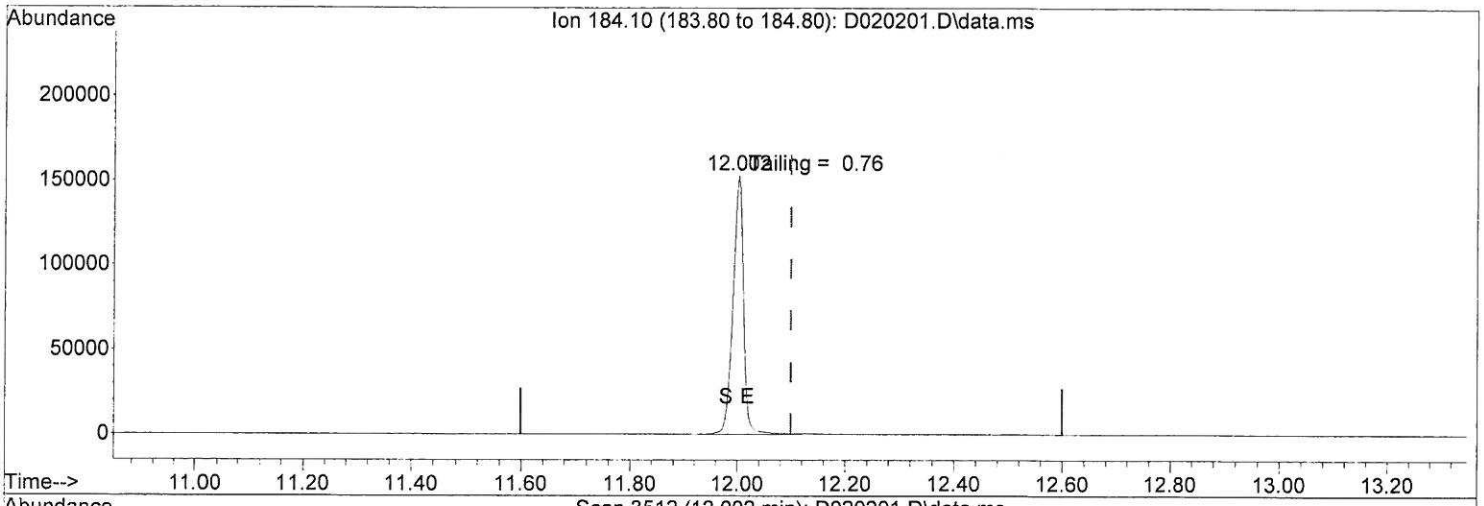
response 51262

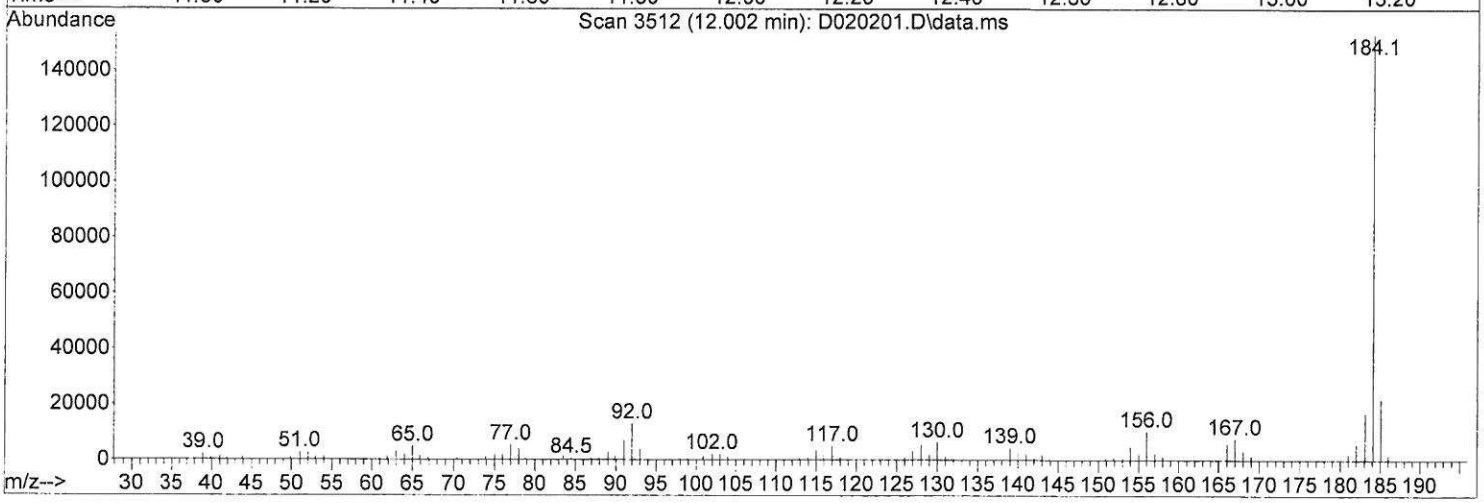
Ion	Exp%	Act%
265.80	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\020212\Snapshot\
Data File : D020201.D
Acq On : 2 Feb 2012 8:24 am
Operator : BGL
Sample : dftpp 50 ng 112611 1776 Inst : GCMSSV4
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 02 08:50:27 2012
Quant Method : C:\msdchem\1\METHODS\DFTPPC.M
Quant Title : dftpp svms4 method C Criteria
QLast Update : Mon Jul 21 14:15:56 2008
Response via : Initial Calibration





TIC: D020201.D\data.ms

(3) benzidine

12.002min (-0.098) 0.00

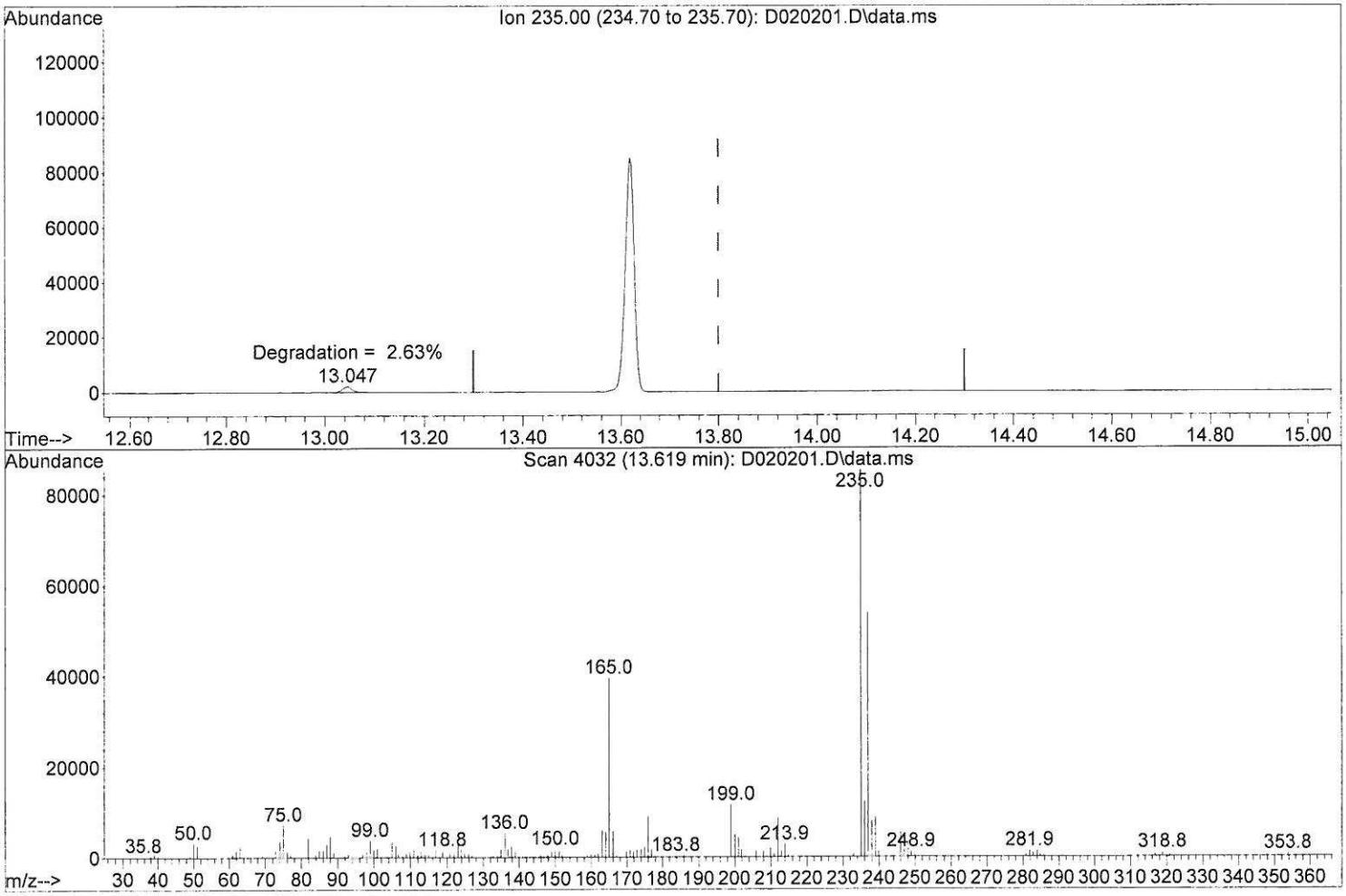
response 210123

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\020212\Snapshot\
Data File : D020201.D
Acq On : 2 Feb 2012 8:24 am
Operator : BGL
Sample : dftpp 50 ng 112611 1776 Inst : GCMSSV4
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 02 08:50:27 2012
Quant Method : C:\msdchem\1\METHODS\DFTPPC.M
Quant Title : dftpp svms4 method C Criteria
QLast Update : Mon Jul 21 14:15:56 2008
Response via : Initial Calibration



TIC: D020201.D\data.ms

(4) DDT

13.619min (-0.181) 0.00

response 113739

Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acenaphthene	5	1.044021	10	1.00104	20	1.026084	50	1.020248	80	0.9500201	100	1.070284
Acenaphthylene	5	1.710218	10	1.703513	20	1.722653	50	1.728138	80	1.617159	100	1.792355
Acetophenone	5	1.21801	10	1.060997	20	1.069677	50	1.06436	80	0.8740277	100	1.021877
Aniline	5	1.226818	10	1.060563	20	1.1219	50	1.080331	80	0.868576	100	1.02819
Anthracene	5	0.9611984	10	0.9843448	20	0.9945692	50	0.9976844	80	0.9269554	100	1.02312
Benzidine	10	0.296272	20	0.3264804	40	0.4154635	100	0.3750523	160	0.2725776	200	0.2856013
Benzo(a)anthracene	5	1.024322	10	1.001684	20	1.016676	50	1.036578	80	0.9940349	100	1.059563
Benzo(a)pyrene	5	0.9786215	10	1.027573	20	1.00709	50	1.072697	80	1.046886	100	1.129427
Benzo(b)fluoranthene	5	1.05206	10	1.145308	20	1.153216	50	1.197695	80	1.202054	100	1.274569
Benzo(g,h,i)perylene	5	0.7541148	10	0.8414969	20	0.8216808	50	0.8839407	80	0.8904013	100	1.004811
Benzo(k)fluoranthene	5	1.100879	10	1.14097	20	1.117548	50	1.174192	80	1.16554	100	1.162411
Benzoic Acid			10	0.1387768	20	0.1668176	50	0.1865034	80	0.1719071	100	0.2222256
Bis(2-chloroethoxy)methane	5	0.3574372	10	0.334157	20	0.3474524	50	0.3704229	80	0.3306037	100	0.3847213
Bis(2-chloroethyl)ether	5	0.7975065	10	0.681925	20	0.6835663	50	0.699129	80	0.5674789	100	0.6263772
Bis(2-chloroisopropyl)ether	5	1.072331	10	0.9008208	20	0.9003247	50	0.9064141	80	0.7273282	100	0.7747873
Bis(2-Ethylhexyl)phthalate	5	0.6122678	10	0.6324756	20	0.6352803	50	0.6486143	80	0.6330403	100	0.6882945
4-Bromophenylphenylether	5	0.1799871	10	0.1793078	20	0.1833281	50	0.1900124	80	0.1731093	100	0.1940655
Butylbenzylphthalate	5	0.4483667	10	0.4654866	20	0.4983674	50	0.5304321	80	0.5199766	100	0.5455448
Carbazole	5	0.8535536	10	0.8820879	20	0.8744414	50	0.8836158	80	0.8173692	100	0.9071347
4-Chloroaniline			10	0.3754432	20	0.4110538	50	0.4167976	80	0.3472342	100	0.4254912
4-Chloro-3-methylphenol	5	0.2829064	10	0.2966158	20	0.3087299	50	0.3328472	80	0.2923835	100	0.3723552
2-Chloronaphthalene	5	1.196658	10	1.15205	20	1.23804	50	1.231243	80	1.093866	100	1.275034
2-Chlorophenol	5	0.8385676	10	0.7617601	20	0.7623432	50	0.7910093	80	0.6404498	100	0.7194299
4-Chlorophenylphenylether	5	0.6870563	10	0.6389769	20	0.6608836	50	0.6737282	80	0.664748	100	0.7190911
Chrysene	5	0.9916214	10	0.9802011	20	0.9858834	50	1.001859	80	0.9491531	100	1.022257
Dibenz(a,h)anthracene	5	0.6593502	10	0.7476335	20	0.7586952	50	0.8370149	80	0.8373827	100	0.9925841

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Dibenzofuran	5	1.690349	10	1.622098	20	1.642025	50	1.648084	80	1.585313	100	1.725784
Di-n-butylphthalate	5	1.125976	10	1.161784	20	1.176783	50	1.241597	80	1.203682	100	1.238397
1,2-Dichlorobenzene	5	1.01677	10	0.8951802	20	0.9047757	50	0.8811598	80	0.7226342	100	0.8085939
1,3-Dichlorobenzene	5	1.087373	10	0.9264924	20	0.9443166	50	0.9385759	80	0.774147	100	0.8439866
1,4-Dichlorobenzene	5	1.144832	10	0.9544058	20	0.9593769	50	0.9652068	80	0.7952497	100	0.8651158
3,3-Dichlorobenzidine	10	0.2719845	20	0.2675885	40	0.2840007	100	0.2666039	160	0.2646042	200	0.2955227
2,4-Dichlorophenol	5	0.2986407	10	0.2874683	20	0.3033894	50	0.3211313	80	0.286479	100	0.3385698
Diethylphthalate	5	1.354243	10	1.263014	20	1.287149	50	1.379861	80	1.480844	100	1.519947
2,4-Dimethylphenol	5	0.2519555	10	0.2706776	20	0.2845727	50	0.3009602	80	0.2649582	100	0.3092746
Dimethylphthalate	5	1.204042	10	1.124533	20	1.172567	50	1.229919	80	1.174871	100	1.307293
4,6-Dinitro-2-methylphenol			10	5.927787E-02	20	7.902486E-02	50	0.106372	80	0.1162878	100	0.139549
2,4-Dinitrophenol			10	6.538698E-02	20	0.1000704	50	0.1364537	80	0.1662249	100	0.2120249
2,4-Dinitrotoluene	5	0.3896237	10	0.4080185	20	0.443655	50	0.4724894	80	0.5315529	100	0.5343301
2,6-Dinitrotoluene	5	0.2671336	10	0.2752589	20	0.2874308	50	0.3159504	80	0.3168494	100	0.3423801
Di-n-octylphthalate	5	1.070232	10	1.147911	20	1.239051	50	1.373239	80	1.456658	100	1.420945
1,2-Diphenylhydrazine (as Azob	5	0.6175808	10	0.6067105	20	0.6229679	50	0.637217	80	0.5536303	100	0.6125996
Fluoranthene	5	0.9761782	10	1.036397	20	1.049563	50	1.047554	80	0.9759519	100	1.055279
Fluorene	5	1.461584	10	1.361874	20	1.39368	50	1.408347	80	1.406789	100	1.497478
Hexachlorobenzene	5	0.2142406	10	0.2079189	20	0.2117606	50	0.2271715	80	0.2188415	100	0.2383714
Hexachlorobutadiene	5	0.2202799	10	0.2129691	20	0.2180845	50	0.2311108	80	0.2098056	100	0.2299788
Hexachlorocyclopentadiene	5	0.2232838	10	0.3081178	20	0.3437657	50	0.3659311	80	0.3243708	100	0.3557996
Hexachloroethane	5	0.41698	10	0.3766135	20	0.3769035	50	0.3849912	80	0.319893	100	0.3440209
Indeno(1,2,3-cd)pyrene	5	0.657326	10	0.7531746	20	0.7572279	50	0.8152183	80	0.8339124	100	0.9526368
Isophorone	5	0.6390497	10	0.616008	20	0.6472989	50	0.6759276	80	0.5922339	100	0.7117814
1-Methylnaphthalene	5	0.6560779	10	0.5984805	20	0.6341115	50	0.646141	80	0.5661116	100	0.6912838
2-Methylnaphthalene	5	0.7324202	10	0.7033075	20	0.7152042	50	0.7373649	80	0.6503108	100	0.790972

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Methylphenol	5	0.7671511	10	0.6608092	20	0.7124674	50	0.6697813	80	0.5791535	100	0.6568222
3/4-Methylphenol	10	0.8483925	20	0.7440431	40	0.7913662	100	0.7899312	160	0.6541025	200	0.7612562
Naphthalene	5	1.027904	10	0.9691351	20	0.9870619	50	1.008673	80	0.9175206	100	1.039458
2-Nitroaniline	5	0.2947681	10	0.3172427	20	0.3375868	50	0.3541154	80	0.3369636	100	0.3760952
3-Nitroaniline	5	0.2841863	10	0.2954943	20	0.3289323	50	0.3380952	80	0.341096	100	0.3483901
4-Nitroaniline	5	0.2978132	10	0.3084015	20	0.3354735	50	0.3572513	80	0.3721697	100	0.39536
Nitrobenzene	5	0.3851275	10	0.3696416	20	0.3873689	50	0.3903093	80	0.3664148	100	0.3926574
2-Nitrophenol	5	0.1545479	10	0.1580539	20	0.1772625	50	0.1945879	80	0.1809395	100	0.2069569
4-Nitrophenol			10	0.168219	20	0.1980276	50	0.2106388	80	0.241454	100	0.2612736
N-Nitrosodimethylamine	5	0.3977369	10	0.3404563	20	0.3774218	50	0.3709326	80	0.3065554	100	0.3348737
N-Nitrosodiphenylamine	5	0.3781662	10	0.36146	20	0.368955	50	0.4014993	80	0.3547706	100	0.4054381
N-Nitrosodi-n-propylamine	5.84	0.5485578	11.7	0.4752974	23.4	0.4803303	58.4	0.4829921	93.5	0.3920459	117	0.4647409
Pentachloronitrobenzene	5	0.0276651	10	3.295061E-02	20	3.432222E-02	50	3.817382E-02	80	3.914025E-02	100	4.150507E-02
Pentachlorophenol			10	9.449162E-02	20	0.1179893	50	0.1420844	80	0.1386394	100	0.1664039
Phenanthrene	5	0.9905352	10	0.9983805	20	0.9865856	50	0.9894084	80	0.9316161	100	1.010189
Phenol	5	1.171935	10	1.00922	20	1.035776	50	1.012426	80	0.8152124	100	0.9489053
Pyrene	5	1.235211	10	1.172371	20	1.178095	50	1.284099	80	1.387727	100	1.443069
Pyridine	5	0.6977674	10	0.3904979	20	0.7071323	50	0.6924773	80	0.6069953	100	0.6444345
1,2,4,5-Tetrachlorobenzene	5	0.5702758	10	0.5473027	20	0.5584382	50	0.5626868	80	0.5140355	100	0.5582777
1,2,4-Trichlorobenzene	5	0.3623024	10	0.337994	20	0.355601	50	0.3706055	80	0.3363835	100	0.3715989
2,4,5-Trichlorophenol	5	0.3517119	10	0.3775708	20	0.3981282	50	0.4074177	80	0.3733972	100	0.4227391
2,4,6-Trichlorophenol	5	0.3211084	10	0.3464612	20	0.3589011	50	0.3714441	80	0.3456246	100	0.4046005
2-Fluorophenol	5	0.7269031	10	0.6751998	20	0.6878649	50	0.7042334	80	0.5908548	100	0.6398398
Phenol-d6	5	0.9517227	10	0.8708103	20	0.8777647	50	0.8794908	80	0.7038785	100	0.8237532
Nitrobenzene-d5	5	0.3760699	10	0.3639629	20	0.3735254	50	0.3807045	80	0.3401153	100	0.4015376
2-Fluorobiphenyl	5	1.14687	10	1.106236	20	1.161679	50	1.118459	80	1.017782	100	1.126283

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2,4,6-Tribromophenol	5	0.1587271	10	0.1777221	20	0.1865956	50	0.2040341	80	0.2213936	100	0.2339341
Terphenyl-d14	5	0.693504	10	0.6765992	20	0.7000482	50	0.7823118	80	0.8292041	100	0.8788954

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acenaphthene	120	1.000904										
Acenaphthylene	120	1.684106										
Acetophenone	120	0.9439479										
Aniline	120	0.9338421										
Anthracene	120	0.9778245										
Benzidine												
Benzo(a)anthracene	120	1.030706										
Benzo(a)pyrene	120	1.107528										
Benzo(b)fluoranthene	120	1.268416										
Benzo(g,h,i)perylene	120	0.9426502										
Benzo(k)fluoranthene	120	1.131867										
Benzoic Acid	120	0.2037943										
Bis(2-chloroethoxy)methane	120	0.3690786										
Bis(2-chloroethyl)ether	120	0.5855377										
Bis(2-chloroisopropyl)ether	120	0.7314438										
Bis(2-Ethylhexyl)phthalate	120	0.6800252										
4-Bromophenylphenylether	120	0.1834995										
Butylbenzylphthalate	120	0.5302994										
Carbazole	120	0.8652479										
4-Chloroaniline	120	0.3853294										
4-Chloro-3-methylphenol	120	0.3378148										
2-Chloronaphthalene	120	1.17903										
2-Chlorophenol	120	0.6758272										
4-Chlorophenylphenylether	120	0.6684336										
Chrysene	120	0.9949316										
Dibenz(a,h)anthracene	120	0.9533492										

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Dibenzofuran	120	1.617353										
Di-n-butylphthalate	120	1.178256										
1,2-Dichlorobenzene	120	0.7863143										
1,3-Dichlorobenzene	120	0.8258154										
1,4-Dichlorobenzene	120	0.8401516										
3,3-Dichlorobenzidine	240	0.2871729										
2,4-Dichlorophenol	120	0.3237781										
Diethylphthalate	120	1.402146										
2,4-Dimethylphenol	120	0.2932315										
Dimethylphthalate	120	1.233043										
4,6-Dinitro-2-methylphenol	120	0.1323209										
2,4-Dinitrophenol	120	0.2019691										
2,4-Dinitrotoluene	120	0.5010693										
2,6-Dinitrotoluene	120	0.3215286										
Di-n-octylphthalate	120	1.365106										
1,2-Diphenylhydrazine (as Azob	120	0.5812482										
Fluoranthene	120	1.014801										
Fluorene	120	1.396077										
Hexachlorobenzene	120	0.2253761										
Hexachlorobutadiene	120	0.2275042										
Hexachlorocyclopentadiene	120	0.3483287										
Hexachloroethane	120	0.3336669										
Indeno(1,2,3-cd)pyrene	120	0.9342934										
Isophorone	120	0.6744682										
1-Methylnaphthalene	120	0.6525305										
2-Methylnaphthalene	120	0.7468217										

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Methylphenol	120	0.5739539										
3/4-Methylphenol												
Naphthalene	120	1.010576										
2-Nitroaniline	120	0.3468042										
3-Nitroaniline	120	0.3101081										
4-Nitroaniline	120	0.3641429										
Nitrobenzene	120	0.3939476										
2-Nitrophenol	120	0.2031951										
4-Nitrophenol	120	0.245796										
N-Nitrosodimethylamine	120	0.3253219										
N-Nitrosodiphenylamine	120	0.3799237										
N-Nitrosodi-n-propylamine	140	0.4268616										
Pentachloronitrobenzene	120	3.969923E-02										
Pentachlorophenol	120	0.1572369										
Phenanthrene	120	0.9707267										
Phenol	120	0.8725124										
Pyrene	120	1.350538										
Pyridine	120	0.6616532										
1,2,4,5-Tetrachlorobenzene	120	0.5455198										
1,2,4-Trichlorobenzene	120	0.3637504										
2,4,5-Trichlorophenol	120	0.3921619										
2,4,6-Trichlorophenol	120	0.380754										
2-Fluorophenol	120	0.6013428										
Phenol-d6	120	0.7589393										
Nitrobenzene-d5	120	0.3936468										
2-Fluorobiphenyl	120	1.081465										

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2,4,6-Tribromophenol	120	0.2223661										
Terphenyl-d14	120	0.8360662										

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200012	Instrument:	GCMSSV4
		Calibration Date:	1/23/2012 7:50:52AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.016086	3.7			20	
Acenaphthylene	1.708306	3.1			20	
Acetophenone	1.036128	10.5			20	
Aniline	1.045746	11.3			20	
Anthracene	0.9808138	3.1			20	
Benzidine	0.3285745	17.1			20	
Benzo(a)anthracene	1.023366	2.2			20	
Benzo(a)pyrene	1.052832	5.1			20	
Benzo(b)fluoranthene	1.18476	6.5			20	
Benzo(g,h,i)perylene	0.8770137	9.3			20	
Benzo(k)fluoranthene	1.141915	2.4			20	
Benzoic Acid	0.1816708	16.2			20	
Bis(2-chloroethoxy)methane	0.3562676	5.6			20	
Bis(2-chloroethyl)ether	0.6630744	11.8			20	
Bis(2-chloroisopropyl)ether	0.8590643	14.4			20	
Bis(2-Ethylhexyl)phthalate	0.6471426	4.3			20	
4-Bromophenylphenylether	0.18333	3.8			20	
Butylbenzylphthalate	0.5054962	7.2			20	
Carbazole	0.8690644	3.3			20	
4-Chloroaniline	0.3935582	7.5			20	
4-Chloro-3-methylphenol	0.3176647	10.0			20	
2-Chloronaphthalene	1.195132	5.1			20	
2-Chlorophenol	0.741341	9.2			20	
4-Chlorophenylphenylether	0.673274	3.7			20	
Chrysene	0.9894152	2.3			20	
Dibenz(a,h)anthracene	0.8265728	14.2			20	
Dibenzofuran	1.647287	2.9			20	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200012	Instrument:	GCMSSV4
		Calibration Date:	1/23/2012 7:50:52AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Di-n-butylphthalate	1.189496	3.5			20	
1,2-Dichlorobenzene	0.8593469	11.2			20	
1,3-Dichlorobenzene	0.9058153	11.4			20	
1,4-Dichlorobenzene	0.9320484	12.3			20	
3,3-Dichlorobenzidine	0.2767825	4.4			20	
2,4-Dichlorophenol	0.3084938	6.4			20	
Diethylphthalate	1.383886	6.8			20	
2,4-Dimethylphenol	0.2822329	7.3			20	
Dimethylphthalate	1.20661	4.8			20	
4,6-Dinitro-2-methylphenol	0.1054721	29.5	0.9895786		0.99	*
2,4-Dinitrophenol	0.1470217	39.2	0.9796978		0.99	*
2,4-Dinitrotoluene	0.468677	12.3			20	
2,6-Dinitrotoluene	0.3037903	9.1			20	
Di-n-octylphthalate	1.296163	11.3			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.6045649	4.7			20	
Fluoranthene	1.022246	3.3			20	
Fluorene	1.417976	3.2			20	
Hexachlorobenzene	0.2205258	4.8			20	
Hexachlorobutadiene	0.2213904	3.8			20	
Hexachlorocyclopentadiene	0.3242282	15.0			20	
Hexachloroethane	0.3647241	9.3			20	
Indeno(1,2,3-cd)pyrene	0.8148271	12.8			20	
Isophorone	0.6509668	6.2			20	
1-Methylnaphthalene	0.6349624	6.5			20	
2-Methylnaphthalene	0.7252002	6.0			20	
2-Methylphenol	0.6600198	10.4			20	
3/4-Methylphenol	0.7648486	8.5			20	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200012	Instrument:	GCMSSV4
		Calibration Date:	1/23/2012 7:50:52AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Naphthalene	0.9943327	4.2			20	
2-Nitroaniline	0.3376537	7.7			20	
3-Nitroaniline	0.3209003	7.7			20	
4-Nitroaniline	0.3472303	10.1			20	
Nitrobenzene	0.3836382	2.9			20	
2-Nitrophenol	0.1822205	11.4			20	
4-Nitrophenol	0.2209015	15.8	0.9944758		0.99	
N-Nitrosodimethylamine	0.3504712	9.2			20	
N-Nitrosodiphenylamine	0.3786018	5.1			20	
N-Nitrosodi-n-propylamine	0.4672609	10.5			20	
Pentachloronitrobenzene	3.620804E-02	13.3			20	
Pentachlorophenol	0.1361409	19.3			20	
Phenanthrene	0.9824917	2.6			20	
Phenol	0.9808553	11.9			20	
Pyrene	1.293016	8.1			20	
Pyridine	0.6287083	17.6			20	
1,2,4,5-Tetrachlorobenzene	0.5509338	3.3			20	
1,2,4-Trichlorobenzene	0.3568908	4.1			20	
2,4,5-Trichlorophenol	0.3890181	6.1			20	
2,4,6-Trichlorophenol	0.3612706	7.5			20	
2-Fluorophenol	0.6608912	7.8			20	
Phenol-d6	0.8380514	10.0			20	
Nitrobenzene-d5	0.3756518	5.4			20	
2-Fluorobiphenyl	1.108396	4.3			20	
2,4,6-Tribromophenol	0.2006818	13.6			20	
Terphenyl-d14	0.770947	10.5			20	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001767	Instrument:	GCMSSV4
Calibration:	1200012		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1111319	DFTPP Tuning standard - 50ng	S001767-TUN1	D012301.D	01/23/12 07:50
1201060	SEMI BNA Calibration Standard 1	S001767-CAL1	D012303a.D	01/23/12 09:24
1201063	SEMI BNA Calibration Standard 4	S001767-CAL4	D012306.D	01/23/12 10:50
1201064	SEMI BNA Calibration Standard 5	S001767-CAL5	D012307.D	01/23/12 11:18
1201067	SEMI BNA Calibration Standard 6	S001767-CAL6	D012308.D	01/23/12 11:45
1201066	SEMI BNA Calibration Standard 7	S001767-CAL7	D012309.D	01/23/12 12:12
1201061	SEMI BNA Calibration Standard 2	S001767-CAL2	D012310.D	01/23/12 12:40
1201062	SEMI BNA Calibration Standard 3	S001767-CAL3	D012311.D	01/23/12 13:06

Response Factor Report GCMSSV4

Method Path : O:\METHODS\
Method File : BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
Last Update : Thu Feb 09 14:23:35 2012
Response Via : Initial Calibration

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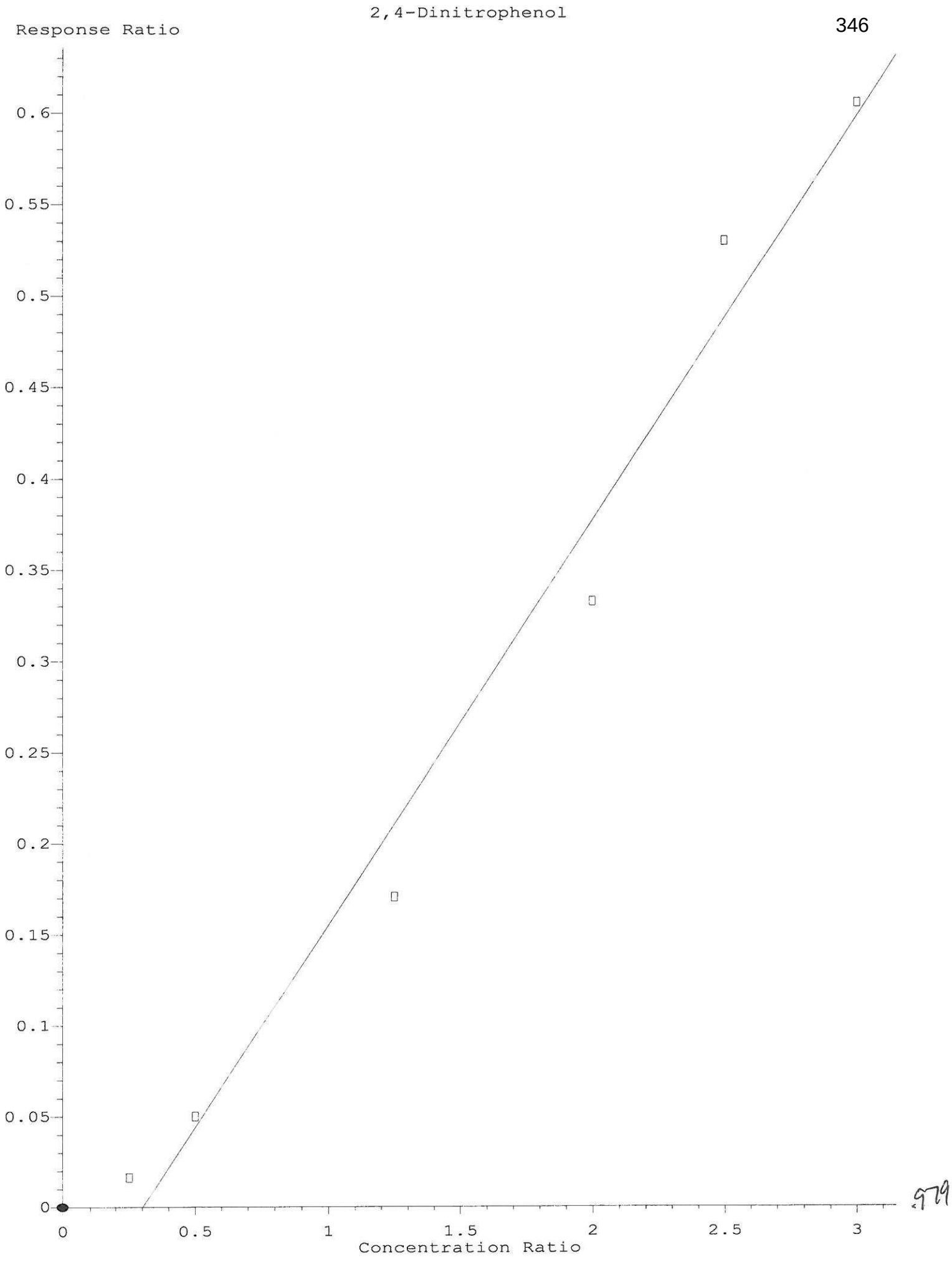
Calibration Files
5 =D012303a.D 10 =D012310.D 20 =D012311.D 50 =D020909.D 80 =D012307.D 100 =D012308.D 120 =D012309.D

		Compound	5	10	20	50	80	100	120	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------						
2)	S	2-Fluorophenol	0.727	0.675	0.688	0.704	0.591	0.640	0.601	0.661	7.83
3)	S	Phenol-d6	0.952	0.871	0.878	0.879	0.704	0.824	0.759	0.838	9.95
4)		N-Nitrosodimet...	0.398	0.340	0.377	0.371	0.307	0.335	0.325	0.350	9.23
5)		Pyridine	0.698	0.694	0.707	0.692	0.607	0.644	0.662	0.672	5.40
6)		Aniline	1.227	1.061	1.122	1.080	0.869	1.028	0.934	1.046	11.33
7)	C	Phenol	1.172	1.009	1.036	1.012	0.815	0.949	0.873	0.981	11.88#
8)		Bis(2-chloroet...	0.798	0.682	0.684	0.699	0.567	0.626	0.586	0.663	11.79
9)		2-Chlorophenol	0.839	0.762	0.762	0.791	0.640	0.719	0.676	0.741	9.17
10)		1,3-Dichlorobe...	1.087	0.926	0.944	0.939	0.774	0.844	0.826	0.906	11.36
11)	C	1,4-Dichlorobe...	1.145	0.954	0.959	0.965	0.795	0.865	0.840	0.932	12.33#
12)		1,2-Dichlorobe...	1.017	0.895	0.905	0.881	0.723	0.809	0.786	0.859	11.16
13)		2- METHYLPHENOL	0.767	0.661	0.712	0.670	0.579	0.657	0.574	0.660	10.40
14)		Bis(2-Chlorois...	1.072	0.901	0.900	0.906	0.727	0.775	0.731	0.859	14.41
15)		Acetophenone	1.218	1.061	1.070	1.064	0.874	1.022	0.944	1.036	10.47
16)		3/4- METHYLPHENOL	0.848	0.744	0.791	0.790	0.654	0.761		0.765	8.48
17)	P	N-Nitroso-Di-N...	0.547	0.475	0.480	0.482	0.391	0.464	0.425	0.466	10.47
18)		Hexachloroethane	0.417	0.377	0.377	0.385	0.320	0.344	0.334	0.365	9.25
19)	I	NAPHTHALENE-d8	----------	ISTD	----------						
20)	S	Nitrobenzene-d5	0.376	0.364	0.374	0.381	0.340	0.402	0.394	0.376	5.35
21)		NITROBENZENE	0.385	0.370	0.387	0.390	0.366	0.393	0.394	0.384	2.90
22)		Isophorone	0.639	0.616	0.647	0.676	0.592	0.712	0.674	0.651	6.18
23)	C	2-Nitrophenol	0.155	0.158	0.177	0.195	0.181	0.207	0.203	0.182	11.38#
24)		2,4-Dimethylph...	0.252	0.271	0.285	0.301	0.265	0.309	0.293	0.282	7.31
25)		Bis(2-Chloroet...	0.357	0.334	0.347	0.370	0.331	0.385	0.369	0.356	5.61
26)		Benzoic Acid		0.139	0.167	0.187	0.172	0.222	0.204	0.182	16.17
27)	C	2,4-Dichloroph...	0.299	0.287	0.303	0.321	0.286	0.339	0.324	0.308	6.41#
28)		1,2,4-Trichlor...	0.362	0.338	0.356	0.371	0.336	0.372	0.364	0.357	4.06
29)		Naphthalene	1.028	0.969	0.987	1.009	0.918	1.039	1.011	0.994	4.15
30)		4-Chloroaniline		0.375	0.411	0.417	0.347	0.425	0.385	0.394	7.54
31)	C	Hexachlorobuta...	0.220	0.213	0.218	0.231	0.210	0.230	0.228	0.221	3.79#
32)	C	4-Chloro-3-Met...	0.283	0.297	0.309	0.333	0.292	0.372	0.338	0.318	9.95#
33)		2-MethylNaphth...	0.732	0.703	0.715	0.737	0.650	0.791	0.747	0.725	5.95
34)		1-Methylnaphth...	0.656	0.598	0.634	0.646	0.566	0.691	0.653	0.635	6.47
35)	I	ACENAPHTHENE-D10	----------	ISTD	----------						
36)	S	2-Fluorobiphenyl	1.147	1.106	1.162	1.118	1.018	1.126	1.081	1.108	4.31
37)	S	2,4,6-Tribromo...	0.159	0.178	0.187	0.204	0.221	0.234	0.222	0.201	13.65
38)	P	Hexachlorocycl...	0.223	0.308	0.344	0.366	0.324	0.356	0.348	0.324	14.98
39)		1,2,4,5-Tetrac...	0.570	0.547	0.558	0.563	0.514	0.558	0.546	0.551	3.34
40)	C	2,4,6-Trichlor...	0.321	0.346	0.359	0.371	0.346	0.405	0.381	0.361	7.53#

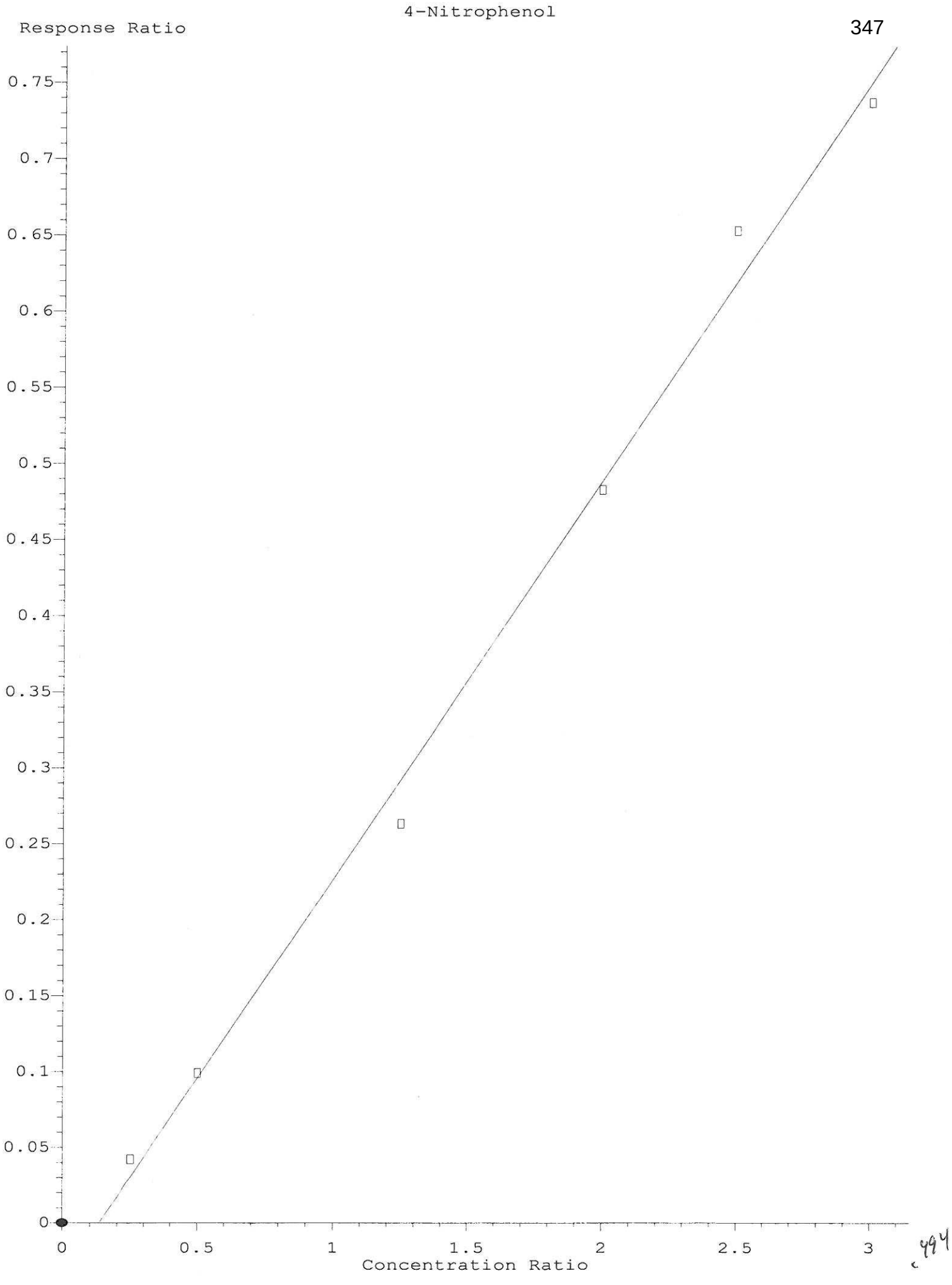
Method Path : O:\METHODS\
Method File : BND01232.M

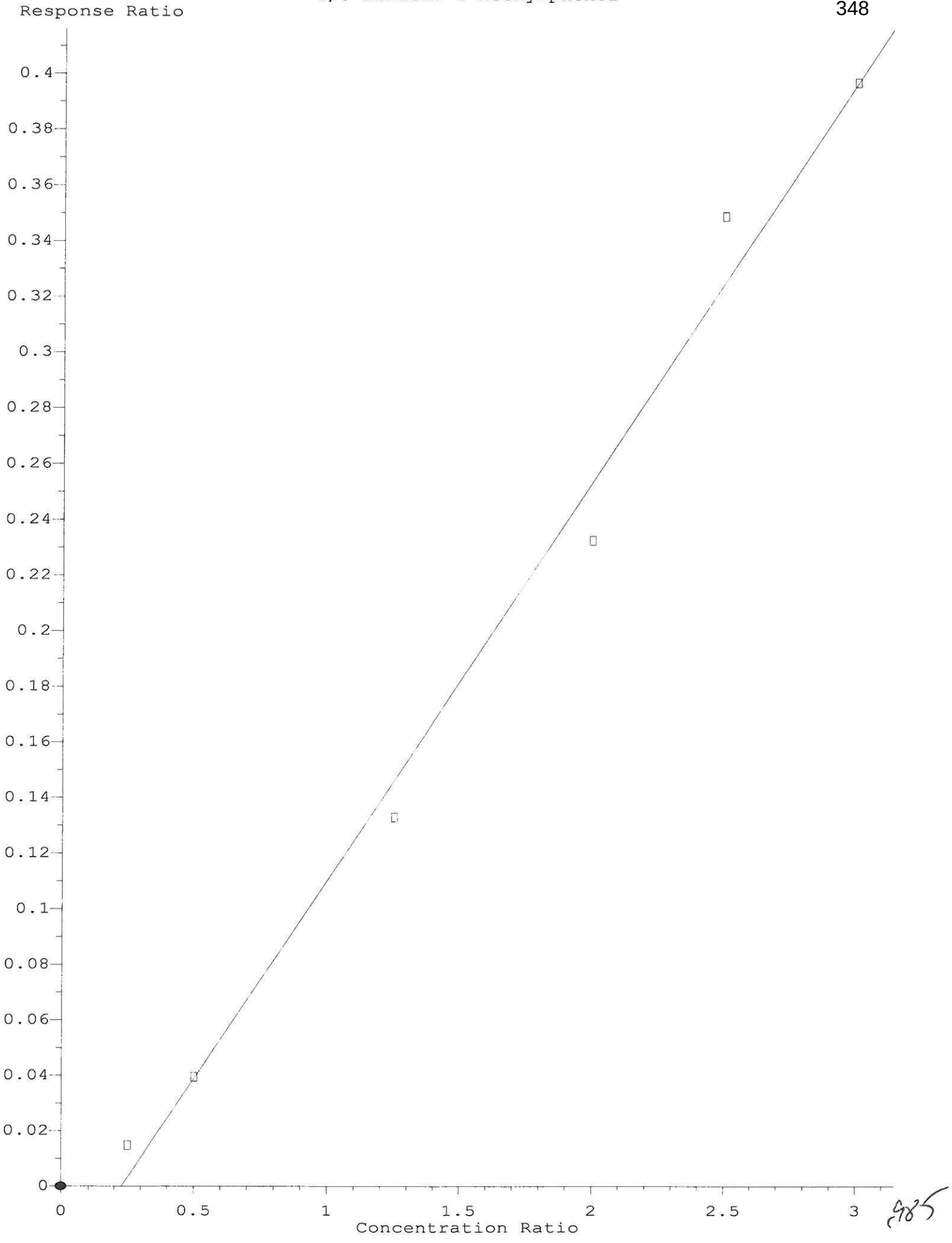
41)		2,4,5-Trichlor...	0.352	0.378	0.398	0.407	0.373	0.423	0.392	0.389	6.06
42)		2-ChloroNaphth...	1.197	1.152	1.238	1.231	1.094	1.275	1.179	1.195	5.06
43)		2-Nitroaniline	0.295	0.317	0.338	0.354	0.337	0.376	0.347	0.338	7.73
44)		DIMETHYL PHTHA...	1.204	1.125	1.173	1.230	1.175	1.307	1.233	1.207	4.82
45)		2,6-DinitroTol...	0.267	0.275	0.287	0.316	0.317	0.342	0.322	0.304	9.06
46)		Acenaphthylene	1.710	1.704	1.723	1.728	1.617	1.792	1.684	1.708	3.08
47)		3-Nitroaniline	0.284	0.295	0.329	0.338	0.341	0.348	0.310	0.321	7.67
48)	C	Acenaphthene	1.044	1.001	1.026	1.020	0.950	1.070	1.001	1.016	3.74#
49)	P	2,4-Dinitrophenol		0.065	0.100	0.136	0.166	0.212	0.202	0.147	39.18
50)	P	4-Nitrophenol		0.168	0.198	0.211	0.241	0.261	0.246	0.221	15.78
51)		Dibenzofuran	1.690	1.622	1.642	1.648	1.585	1.726	1.617	1.647	2.87
52)		2,4-Dinitrotol...	0.390	0.408	0.444	0.472	0.532	0.534	0.501	0.469	12.28
53)		DIETHYL PHTHALATE	1.354	1.263	1.287	1.380	1.481	1.520	1.402	1.384	6.80
54)		4-Chlorophenyl...	0.687	0.639	0.661	0.674	0.665	0.719	0.668	0.673	3.70
55)		Flourene	1.462	1.362	1.394	1.408	1.407	1.497	1.396	1.418	3.24
56)		4-Nitroaniline	0.298	0.308	0.335	0.357	0.372	0.395	0.364	0.347	10.12
57)	I	PHENANTHRENE-D10	----------ISTD----------								
58)		4,6-Dinitro-2-...		0.059	0.079	0.106	0.116	0.140	0.132	0.105	29.48
59)	C	N-Nitrosodiphe...	0.378	0.361	0.369	0.401	0.355	0.405	0.380	0.379	5.06#
60)		1,2-Diphenylhy...	0.618	0.607	0.623	0.637	0.554	0.613	0.581	0.605	4.67
61)		4-Bromophenyl ...	0.180	0.179	0.183	0.190	0.173	0.194	0.183	0.183	3.80
62)		Hexachlorobenzene	0.214	0.208	0.212	0.227	0.219	0.238	0.225	0.221	4.77
63)	C	Pentachlorophenol		0.094	0.118	0.142	0.139	0.166	0.157	0.136	19.34#
64)		Pentachloronit...	0.028	0.033	0.034	0.038	0.039	0.042	0.040	0.036	13.33
65)		Phenanthrene	0.991	0.998	0.987	0.989	0.932	1.010	0.971	0.982	2.59
66)		Anthracene	0.961	0.984	0.995	0.998	0.927	1.023	0.978	0.981	3.11
67)		Carbazole	0.854	0.882	0.874	0.884	0.817	0.907	0.865	0.869	3.25
68)		Di-N-Butyl Pht...	1.126	1.162	1.177	1.242	1.204	1.238	1.178	1.189	3.50
69)	C	Flouranthene	0.976	1.036	1.050	1.048	0.976	1.055	1.015	1.022	3.34#
70)	I	CHRYSENE-D12	----------ISTD----------								
71)	S	Terphenyl-d14		0.677	0.700	0.782	0.829	0.879	0.836	0.784	10.26
72)		Benzidine	0.296	0.326	0.415	0.375	0.273	0.286		0.329	17.08
73)		Pyrene	1.235	1.172	1.178	1.284	1.388	1.443	1.351	1.293	8.11
74)		Butylbenzyl ph...	0.448	0.465	0.498	0.530	0.520	0.546	0.530	0.505	7.21
75)		3,3'-Dichlorob...	0.272	0.268	0.284	0.267	0.265	0.296	0.287	0.277	4.35
76)		Benzo(a)anthra...	1.024	1.002	1.017	1.037	0.994	1.060	1.031	1.023	2.15
77)		Chrysene	0.992	0.980	0.986	1.002	0.949	1.022	0.995	0.989	2.26
78)		Bis(2-ethylhex...	0.612	0.632	0.635	0.649	0.633	0.688	0.680	0.647	4.25
79)	I	PERYLENE-D12	----------ISTD----------								
80)	C	Di-n-octylphth...	1.070	1.148	1.239	1.373	1.457	1.421	1.365	1.296	11.28#
81)		Benzo(b)fluora...	1.052	1.145	1.153	1.198	1.202	1.275	1.268	1.185	6.51
82)		Benzo(k)fluora...	1.101	1.141	1.118	1.174	1.166	1.162	1.132	1.142	2.37
83)	C	Benzo(a)pyrene	0.979	1.028	1.007	1.073	1.047	1.129	1.108	1.053	5.13#
84)		Indeno(1,2,3-c...	0.657	0.753	0.757	0.815	0.834	0.953	0.934	0.815	12.83
85)		Dibenz(a,h)ant...	0.659	0.748	0.759	0.837	0.837	0.993	0.953	0.827	14.20
86)		Benzo(g,h,i)pe...	0.754	0.841	0.822	0.884	0.890	1.005	0.943	0.877	9.34

(#) = Out of Range


2,4-Dinitrophenol
Response Ratio
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
Concentration Ratio

.979


4-Nitrophenol
Response Ratio
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
Concentration Ratio


4,6-Dinitro-2-Methylphenol
Response Ratio
0.4
0.38
0.36
0.34
0.32
0.3
0.28
0.26
0.24
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0
0.5
1
1.5
2
2.5
3
Concentration Ratio

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 23 14:50:01 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-D4	4.716	150	59034	40.00	ug/ml		0.00
19) NAPHTHALENE-d8	5.708	136	154567	40.00	ug/ml		0.00
35) ACENAPHTHENE-D10	7.641	164	105086	40.00	ug/ml		0.00
57) PHENANTHRENE-D10	10.012	188	244062	40.00	ug/ml	#	0.00
70) CHRYSENE-D12	15.001	240	201585	40.00	ug/ml		0.00
79) PERYLENE-D12	17.509	264	169937	40.00	ug/ml		0.03
System Monitoring Compounds							
2) 2-Fluorophenol	3.644	112	5364	5.50	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	2.75%#			
3) Phenol-d6	4.446	99	7023	5.68	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	2.84%#			
20) Nitrobenzene-d5	5.133	82	7266	5.01	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	5.01%#			
36) 2-Fluorobiphenyl	6.786	172	15065	5.17	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	5.17%#			
37) 2,4,6-Tribromophenol	8.834	330	2085	3.95	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	1.98%#			
71) Terphenyl-d14	13.074	244	17475	4.42	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	4.42%#			
Target Compounds							Qvalue
4) N-Nitrosodimethylamine	1.822	42	2935	5.67	ug/ml	#	61
5) Pyridine	1.931	79	5149m	5.43	ug/ml		
6) Aniline	4.464	93	9053	5.87	ug/ml	#	45
7) Phenol	4.458	94	8648	5.97	ug/ml	#	35
8) Bis(2-chloroethyl)ether	4.520	93	5885	6.01	ug/ml		91
9) 2-Chlorophenol	4.554	128	6188	5.66	ug/ml		94
10) 1,3-Dichlorobenzene	4.673	146	8024	6.00	ug/ml		99
11) 1,4-Dichlorobenzene	4.728	146	8448	6.14	ug/ml		96
12) 1,2-Dichlorobenzene	4.843	146	7503	5.92	ug/ml		96
13) 2- METHYLPHENOL	4.912	108	5661	5.81	ug/ml		90
14) Bis(2-Chloroisopropyl)...	4.927	45	7913	6.09	ug/ml		96
15) Acetophenone	5.018	105	8988	5.79	ug/ml		91
16) 3/4- METHYLPHENOL	5.027	107	12521	11.08	ug/ml	#	83
17) N-Nitroso-Di-N-Propyla...	5.024	70	4728	6.87	ug/ml	#	90
18) Hexachloroethane	5.095	117	3077	5.72	ug/ml		95
21) NITROBENZENE	5.145	77	7441	5.02	ug/ml		95
22) Isophorone	5.331	82	12347	4.91	ug/ml		95
23) 2-Nitrophenol	5.394	139	2986	4.24	ug/ml		90
24) 2,4-Dimethylphenol	5.428	122	4868	4.46	ug/ml		87
25) Bis(2-Chloroethoxy)met...	5.502	93	6906	5.02	ug/ml	#	94
26) Benzoic Acid	5.471	122	1884	2.68	ug/ml		87
27) 2,4-Dichlorophenol	5.586	162	5770	4.84	ug/ml		99
28) 1,2,4-Trichlorobenzene	5.658	180	7000	5.08	ug/ml		100
29) Naphthalene	5.726	128	19860	5.17	ug/ml		99
30) 4-Chloroaniline	5.773	127	7310	4.81	ug/ml		94
31) Hexachlorobutadiene	5.838	225	4256	4.97	ug/ml		99
32) 4-Chloro-3-Methylphenol	6.220	107	5466	4.45	ug/ml		97
33) 2-MethylNaphthalene	6.382	142	14151	5.05	ug/ml		95
34) 1-Methylnaphthalene	6.485	142	12676	5.17	ug/ml		94
38) Hexachlorocyclopentadiene	6.556	237	2933	3.44	ug/ml	#	97
39) 1,2,4,5-Tetrachloroben...	6.562	216	7491	5.18	ug/ml		100

CHECKED BY: BRIAN AGUILAR JAN 23 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

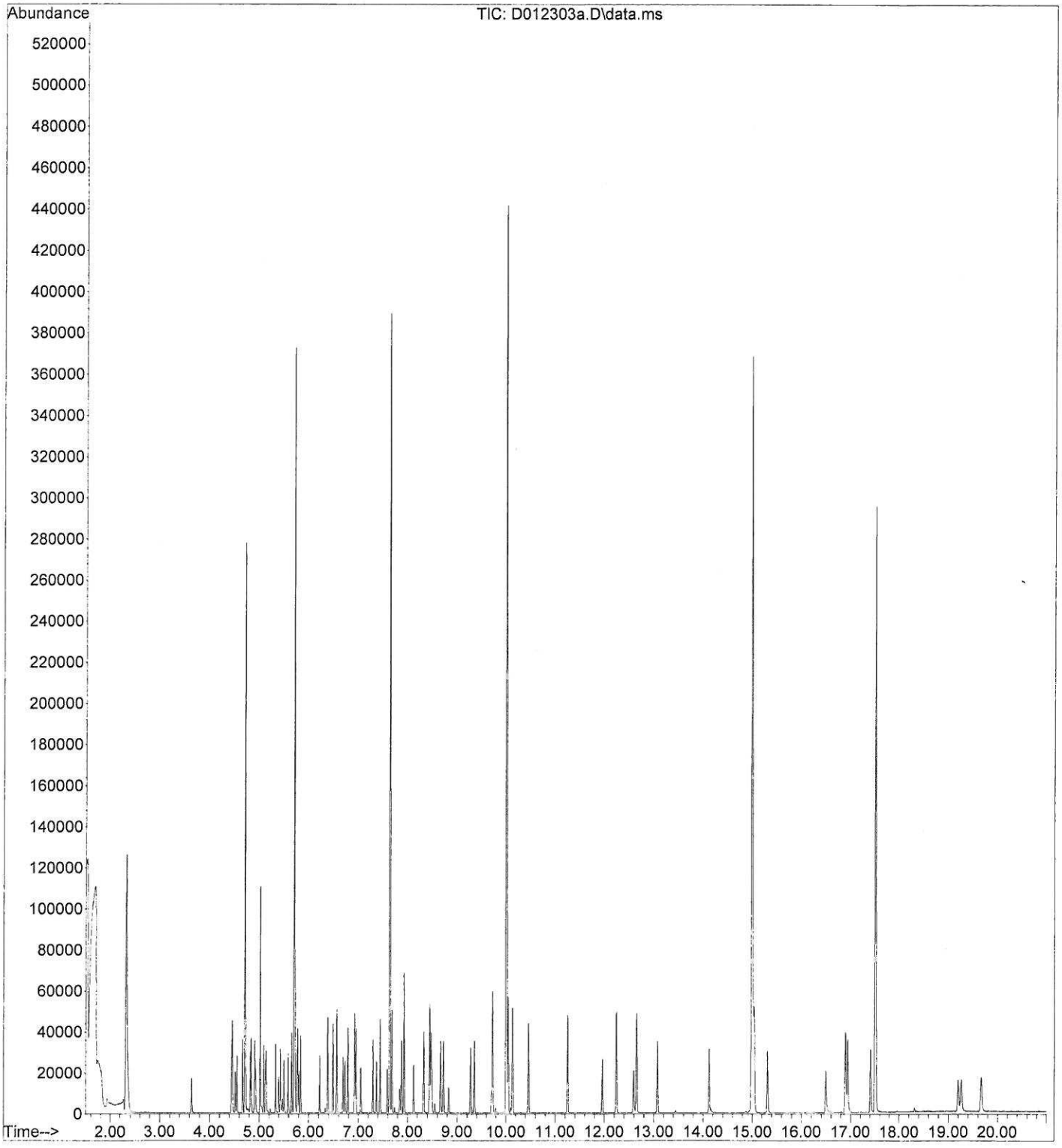
Quant Time: Jan 23 14:50:01 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.690	196	4218	4.44	ug/ml	99
41) 2,4,5-Trichlorophenol	6.727	196	4620	4.52	ug/ml	96
42) 2-ChloroNaphthalene	6.923	162	15719	5.01	ug/ml	98
43) 2-Nitroaniline	7.050	65	3872	4.36	ug/ml	86
44) DIMETHYL PHTHALATE	7.296	163	15816	4.99	ug/ml#	82
45) 2,6-DinitroToluene	7.367	165	3509	4.40	ug/ml#	82
46) Acenaphthylene	7.445	152	22465	5.01	ug/ml	100
47) 3-Nitroaniline	7.591	138	3733	4.43	ug/ml	90
48) Acenaphthene	7.684	154	13714	5.14	ug/ml	99
49) 2,4-Dinitrophenol	7.737	184	534 LR	13.02	ug/ml# pee 10	53
50) 4-Nitrophenol	7.846	109	1830 LR	8.02	ug/ml# pee 10	80
51) Dibenzofuran	7.933	168	22204	5.13	ug/ml	96
52) 2,4-Dinitrotoluene	7.930	165	5118	4.16	ug/ml#	79
53) DIETHYL PHTHALATE	8.331	149	17789	4.89	ug/ml	98
54) 4-Chlorophenyl phenyl ...	8.477	204	9025	5.10	ug/ml	99
55) Flourene	8.449	166	19199	5.15	ug/ml	99
56) 4-Nitroaniline	8.492	138	3912	4.29	ug/ml#	64
58) 4,6-Dinitro-2-Methylph...	8.551	198	1146 LR	10.44	ug/ml pee 10	90
59) N-Nitrosodiphenylamine	8.666	169	11537	4.99	ug/ml	98
60) 1,2-Diphenylhydrazine	8.722	77	18841	5.11	ug/ml	93
61) 4-Bromophenyl phenyl e...	9.273	248	5491	4.91	ug/ml	97
62) Hexachlorobenzene	9.350	284	6536	4.86	ug/ml	93
63) Pentachlorophenol	9.701	266	2459	2.96	ug/ml	91
64) Pentachloronitrobenzene	9.729	295	844	3.82	ug/ml#	45
65) Phenanthrene	10.050	178	30219	5.04	ug/ml	100
66) Anthracene	10.137	178	29324	4.90	ug/ml	100
67) Carbazole	10.463	167	26040	4.91	ug/ml	100
68) Di-N-Butyl Phthalate	11.252	149	34351	4.73	ug/ml	99
69) Flouranthene	12.244	202	29781	4.77	ug/ml#	96
72) Benzidine	12.595	184	14931	9.02	ug/ml#	95
73) Pyrene	12.660	202	31125	4.78	ug/ml	99
74) Butylbenzyl phthalate	14.121	149	11298	4.43	ug/ml	93
75) 3,3'-Dichlorobenzidine	15.029	252	13707	9.83	ug/ml	99
76) Benzo(a)anthracene	14.985	228	25811	5.00	ug/ml	99
77) Chrysene	15.047	228	24987	5.01	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	15.312	149	15428	4.73	ug/ml#	93
80) Di-n-octylphthalate	16.490	149	22734	4.13	ug/ml#	99
81) Benzo(b)fluoranthene	16.894	252	22348	4.44	ug/ml	97
82) Benzo(k)fluoranthene	16.937	252	23385	4.81	ug/ml	98
83) Benzo(a)pyrene	17.410	252	20788	4.65	ug/ml#	97
84) Indeno(1,2,3-cd)pyrene	19.200	276	13963	4.03	ug/ml	96
85) Dibenz(a,h)anthracene	19.259	278	14006	3.99	ug/ml	94
86) Benzo(g,h,i)perylene	19.666	276	16019	4.30	ug/ml#	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

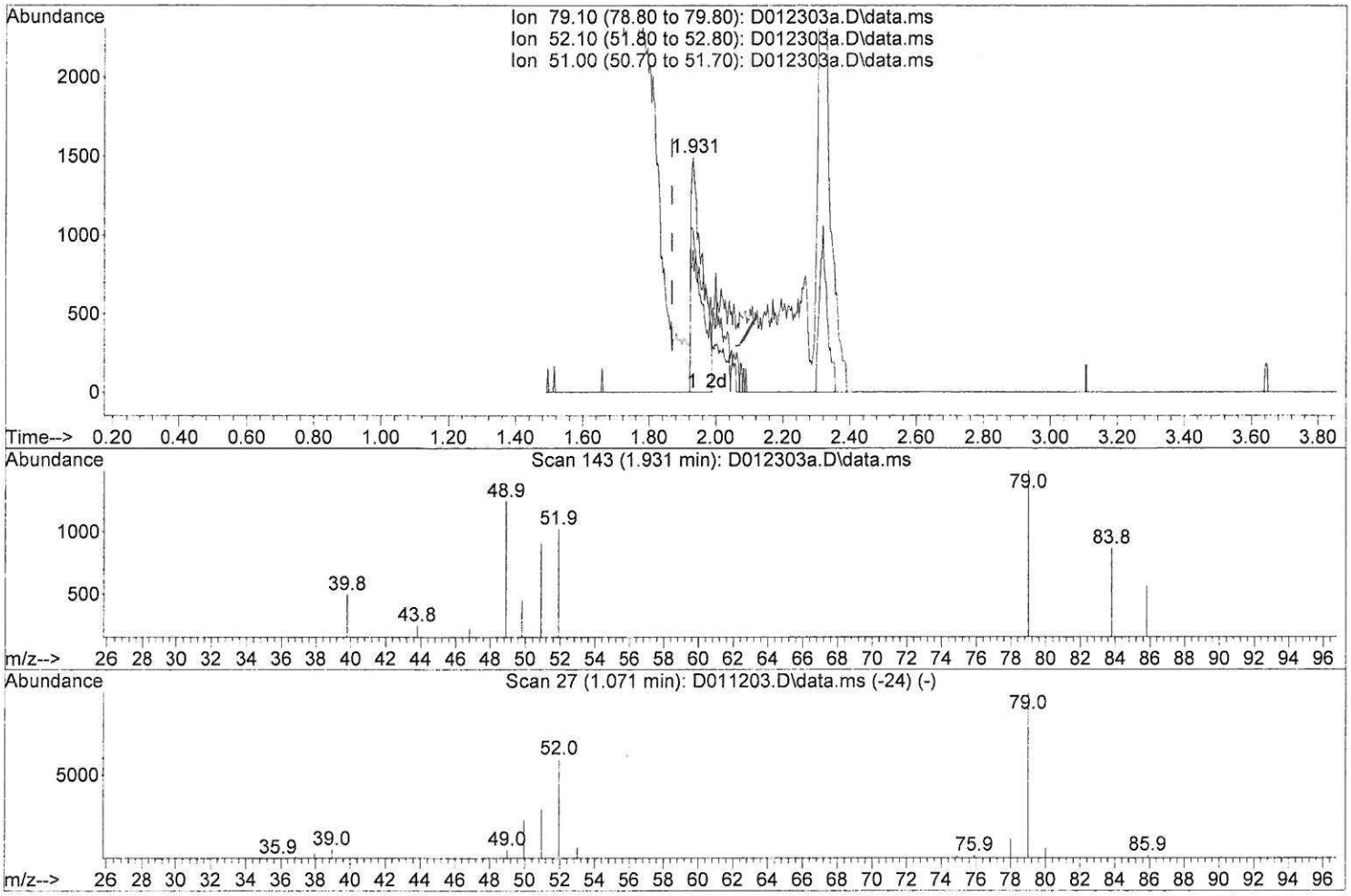
Quant Time: Jan 23 14:50:01 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 23 14:47:23 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration



TIC: D012303a.D\data.ms

(5) Pyridine

1.931min (+0.062) 3.67 ug/ml

response 3484

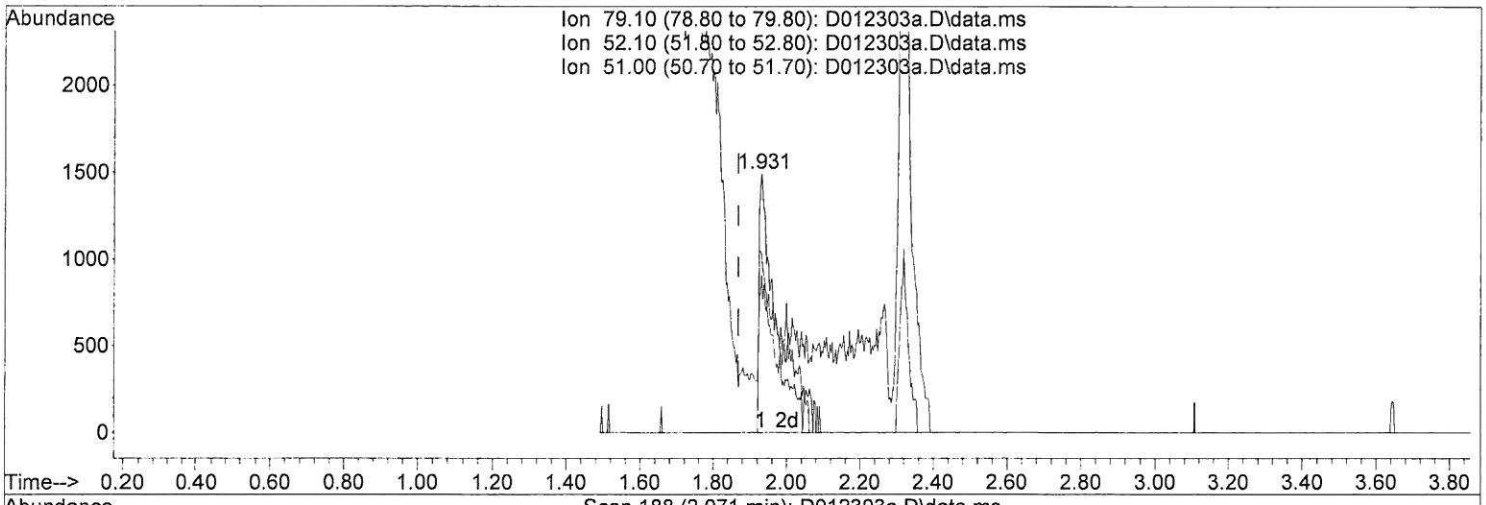
Ion	Exp%	Act%
79.10	100	100
52.10	64.80	65.47
51.00	29.60	0.00#
0.00	0.00	0.00

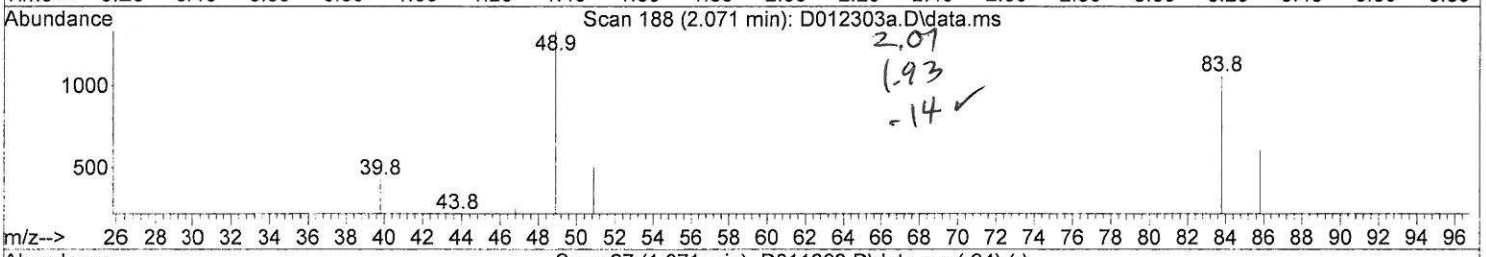
3

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

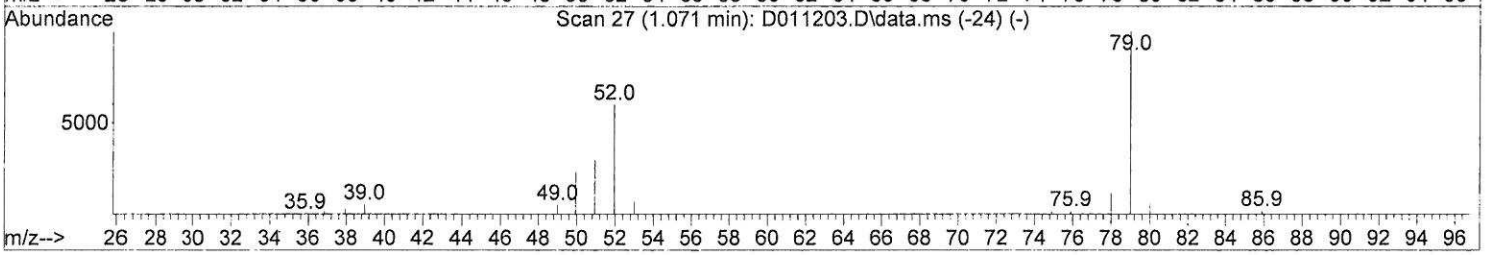
Quant Time: Jan 23 14:47:23 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration





2.07
1.93
-.14 ✓

4



TIC: D012303a.D\data.ms

(5) Pyridine

1.931min (+0.062) 5.43 ug/ml m

response 5149

Ion	Exp%	Act%
79.10	100	100
52.10	64.80	44.30#
51.00	29.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012310.D
Acq On : 23 Jan 2012 12:40 pm
Operator : BGL
Sample : 8270std 10 ppm reprp Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 23 14:58:52 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:56:15 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-D4	4.713	150	55314	40.00	ug/ml		0.00
19) NAPHTHALENE-d8	5.705	136	130310	40.00	ug/ml	#	0.00
35) ACENAPHTHENE-D10	7.638	164	84604	40.00	ug/ml		0.00
57) PHENANTHRENE-D10	10.003	188	192652	40.00	ug/ml	#	0.00
70) CHRYSENE-D12	14.979	240	176323	40.00	ug/ml		-0.01
79) PERYLENE-D12	17.469	264	142931	40.00	ug/ml		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	3.644	112	9337	9.92	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	4.96%#			
3) Phenol-d6	4.446	99	12042	10.07	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	5.04%#			
20) Nitrobenzene-d5	5.130	82	11857	9.52	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	9.52%#			
36) 2-Fluorobiphenyl	6.786	172	23398	9.89	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	9.89%#			
37) 2,4,6-Tribromophenol	8.828	330	3759	8.99	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	4.50%#			
71) Terphenyl-d14	13.058	244	29825	8.49	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	8.49%#			
Target Compounds							Qvalue
4) N-Nitrosodimethylamine	1.819	42	4708	9.25	ug/ml	#	69
5) Pyridine	1.910	79	9602m	10.03	ug/ml		
6) Aniline	4.461	93	14666	9.80	ug/ml	#	40
7) Phenol	4.455	94	13956	9.93	ug/ml	#	29
8) Bis(2-chloroethyl)ether	4.520	93	9430	9.90	ug/ml		91
9) 2-Chlorophenol	4.555	128	10534	9.95	ug/ml		97
10) 1,3-Dichlorobenzene	4.670	146	12812	9.82	ug/ml		98
11) 1,4-Dichlorobenzene	4.729	146	13198	9.84	ug/ml		98
12) 1,2-Dichlorobenzene	4.840	146	12379	9.99	ug/ml		96
13) 2- METHYLPHENOL	4.912	108	9138	9.70	ug/ml		89
14) Bis(2-Chloroisopropyl)...	4.927	45	12457	9.69	ug/ml	#	65
15) Acetophenone	5.018	105	14672	9.56	ug/ml		98
16) 3/4- METHYLPHENOL	5.024	107	20578	18.13	ug/ml	#	90
17) N-Nitroso-Di-N-Propyla...	5.021	70	7690	11.30	ug/ml	#	91
18) Hexachloroethane	5.095	117	5208	9.90	ug/ml		98
21) NITROBENZENE	5.145	77	12042	9.44	ug/ml		96
22) Isophorone	5.328	82	20068	9.26	ug/ml		94
23) 2-Nitrophenol	5.391	139	5149	8.61	ug/ml	#	92
24) 2,4-Dimethylphenol	5.425	122	8818	9.62	ug/ml		86
25) Bis(2-Chloroethoxy)met...	5.502	93	10886	9.21	ug/ml	#	96
26) Benzoic Acid	5.478	122	4521	7.87	ug/ml		96
27) 2,4-Dichlorophenol	5.586	162	9365	9.22	ug/ml		98
28) 1,2,4-Trichlorobenzene	5.658	180	11011	9.35	ug/ml		99
29) Naphthalene	5.723	128	31572	9.62	ug/ml		98
30) 4-Chloroaniline	5.770	127	12231	9.42	ug/ml		95
31) Hexachlorobutadiene	5.838	225	6938	9.50	ug/ml		99
32) 4-Chloro-3-Methylphenol	6.217	107	9663	9.26	ug/ml		93
33) 2-MethylNaphthalene	6.379	142	22912	9.56	ug/ml		93
34) 1-Methylnaphthalene	6.482	142	19497	9.23	ug/ml		95
38) Hexachlorocyclopentadiene	6.553	237	6517	9.71	ug/ml		98
39) 1,2,4,5-Tetrachloroben...	6.559	216	11576	9.86	ug/ml		100

20

diff/salt 40-160
70-130

CHECKED BY: BGL JAN 23 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012310.D
Acq On : 23 Jan 2012 12:40 pm
Operator : BGL
Sample : 8270std 10 ppm reprp Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 23 14:58:52 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:56:15 2012
Response via : Initial Calibration

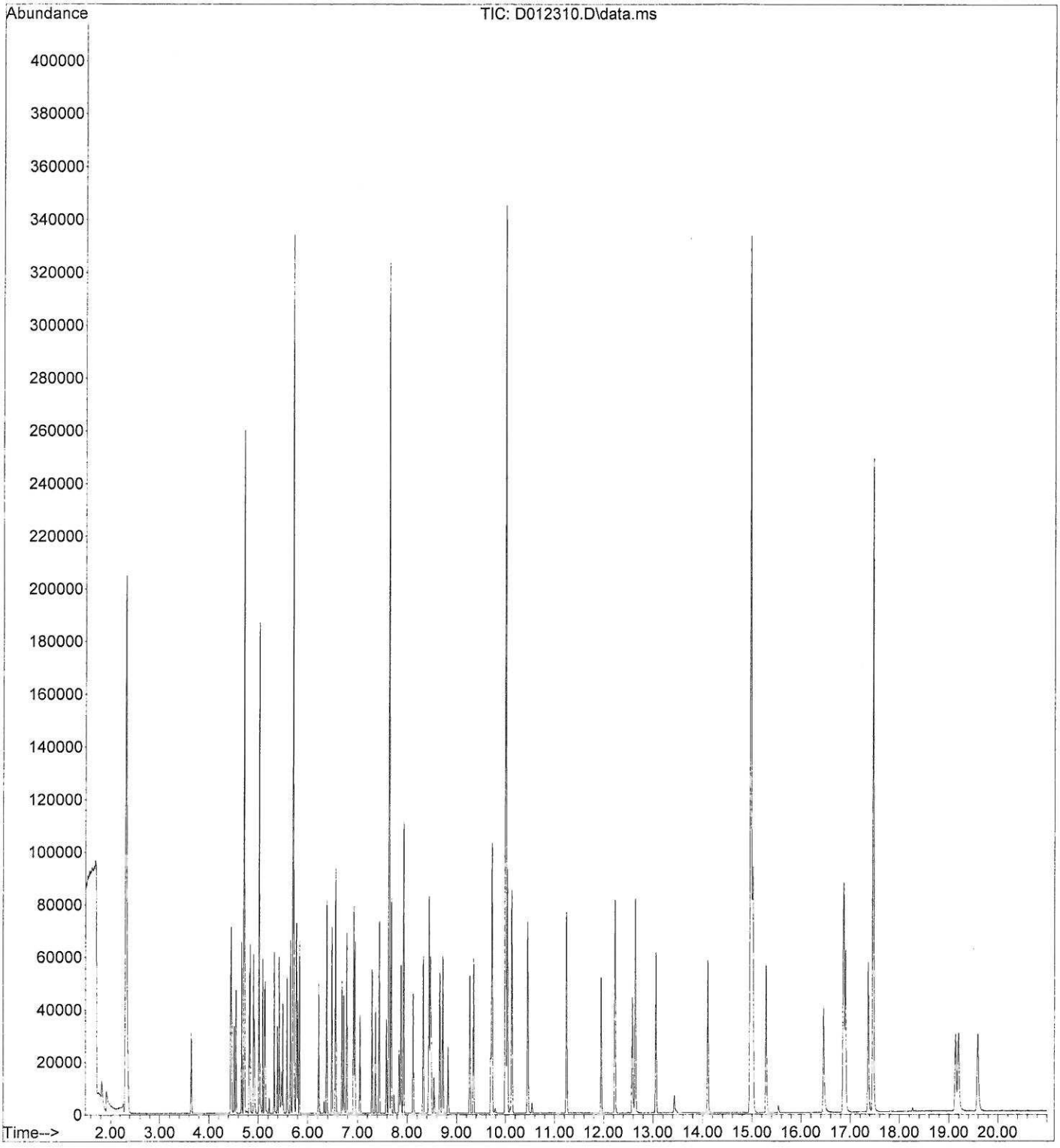
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.687	196	7328	9.62	ug/ml	99
41) 2,4,5-Trichlorophenol	6.724	196	7986	9.77	ug/ml	97
42) 2-ChloroNaphthalene	6.920	162	24367	9.56	ug/ml	97
43) 2-Nitroaniline	7.047	65	6710	9.38	ug/ml	86
44) DIMETHYL PHTHALATE	7.293	163	23785	9.16	ug/ml#	81
45) 2,6-DinitroToluene	7.364	165	5822	8.98	ug/ml#	86
46) Acenaphthylene	7.442	152	36031	9.90	ug/ml	99
47) 3-Nitroaniline	7.588	138	6250	9.18	ug/ml	91
48) Acenaphthene	7.681	154	21173	9.77	ug/ml	98
49) 2,4-Dinitrophenol	7.734	184	1383 LR	15.21	ug/ml#	58 40-160
50) 4-Nitrophenol	7.840	109	3558 LR	12.07	ug/ml#	77
51) Dibenzofuran	7.930	168	34309	9.79	ug/ml	96
52) 2,4-Dinitrotoluene	7.927	165	8630	8.69	ug/ml#	82
53) DIETHYL PHTHALATE	8.328	149	26714	9.00	ug/ml	97
54) 4-Chlorophenyl phenyl ...	8.471	204	13515	9.44	ug/ml	95
55) Flourene	8.443	166	28805	9.57	ug/ml	99
56) 4-Nitroaniline	8.489	138	6523	8.97	ug/ml#	66
58) 4,6-Dinitro-2-Methylph...	8.545	198	2855 LR	13.44	ug/ml#	88 40-160
59) N-Nitrosodiphenylamine	8.660	169	17409	9.35	ug/ml	99
60) 1,2-Diphenylhydrazine	8.719	77	29221	9.81	ug/ml#	92
61) 4-Bromophenyl phenyl e...	9.270	248	8636	9.62	ug/ml	95
62) Hexachlorobenzene	9.344	284	10014	9.29	ug/ml#	90
63) Pentachlorophenol	9.695	266	4551	6.99	ug/ml	96
64) Pentachloronitrobenzene	9.723	295	1587	9.15	ug/ml#	60
65) Phenanthrene	10.043	178	48085	10.11	ug/ml	100
66) Anthracene	10.130	178	47409	9.99	ug/ml	100
67) Carbazole	10.454	167	42484	10.22	ug/ml	99
68) Di-N-Butyl Phthalate	11.243	149	55955	9.80	ug/ml	99
69) Flouranthene	12.232	202	49916	10.21	ug/ml#	96
72) Benzidine	12.583	184	28783 20	20.02	ug/ml#	96
73) Pyrene	12.645	202	51679	8.96	ug/ml	100
74) Butylbenzyl phthalate	14.103	149	20519	9.15	ug/ml	96
75) 3,3'-Dichlorobenzidine	15.004	252	23591 W	19.50	ug/ml	99
76) Benzo(a)anthracene	14.960	228	44155	9.72	ug/ml	99
77) Chrysene	15.023	228	43208	9.87	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	15.287	149	27880	9.77	ug/ml#	94
80) Di-n-octylphthalate	16.455	149	41018	8.81	ug/ml#	99
81) Benzo(b)fluoranthene	16.856	252	40925	9.68	ug/ml	98
82) Benzo(k)fluoranthene	16.903	252	40770	9.96	ug/ml#	97
83) Benzo(a)pyrene	17.369	252	36718	9.77	ug/ml#	97
84) Indeno(1,2,3-cd)pyrene	19.135	276	26913	9.25	ug/ml	96
85) Dibenz(a,h)anthracene	19.194	278	26715	9.04	ug/ml	97
86) Benzo(g,h,i)perylene	19.588	276	30069	9.55	ug/ml	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012310.D
Acq On : 23 Jan 2012 12:40 pm
Operator : BGL
Sample : 8270std 10 ppm reprp Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

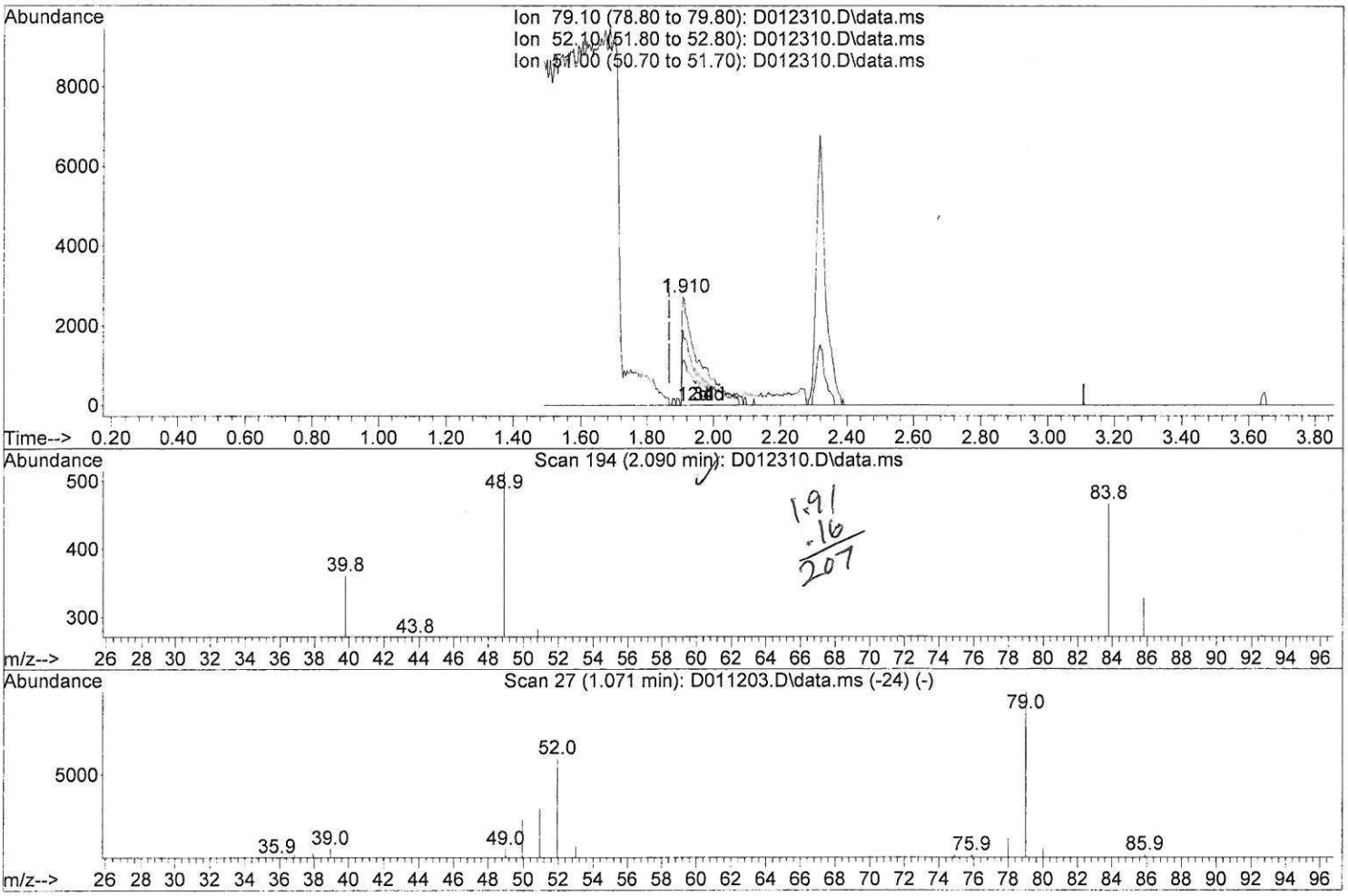
Quant Time: Jan 23 14:58:52 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:56:15 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012310.D
Acq On : 23 Jan 2012 12:40 pm
Operator : BGL
Sample : 8270std 10 ppm reprp Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 23 14:58:09 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:56:15 2012
Response via : Initial Calibration



TIC: D012310.D\data.ms

(5) Pyridine

1.910min (+0.041) 10.03 ug/ml m

response 9602

Ion	Exp%	Act%
79.10	100	100
52.10	64.80	37.11#
51.00	29.60	22.58#
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012311.D
Acq On : 23 Jan 2012 1:06 pm
Operator : BGL
Sample : 8270std 20 ppm Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 23 15:02:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:02:37 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-D4	4.716	150	65603	40.00	ug/ml		0.00
19) NAPHTHALENE-d8	5.705	136	152418	40.00	ug/ml	#	0.00
35) ACENAPHTHENE-D10	7.638	164	99370	40.00	ug/ml		0.00
57) PHENANTHRENE-D10	10.006	188	224461	40.00	ug/ml	#	0.00
70) CHRYSENE-D12	14.982	240	205503	40.00	ug/ml		0.00
79) PERYLENE-D12	17.475	264	149939	40.00	ug/ml		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	3.644	112	22563	20.82	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	10.41%#			
3) Phenol-d6	4.446	99	28792	20.95	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	10.48%#			
20) Nitrobenzene-d5	5.130	82	28466	19.89	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	19.89%#			
36) 2-Fluorobiphenyl	6.786	172	57718	20.96	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	20.96%#			
37) 2,4,6-Tribromophenol	8.828	330	9271	18.60	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	9.30%#			
71) Terphenyl-d14	13.061	244	71931	17.86	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	17.86%#			
Target Compounds							Qvalue
4) N-Nitrosodimethylamine	1.823	42	12380	21.54	ug/ml	#	63
5) Pyridine	1.891	79	23195	20.95	ug/ml	#	92
6) Aniline	4.464	93	36800	21.46	ug/ml	#	41
7) Phenol	4.455	94	33975	21.12	ug/ml	#	27
8) Bis(2-chloroethyl)ether	4.520	93	22422	20.62	ug/ml		89
9) 2-Chlorophenol	4.555	128	25006	20.57	ug/ml		96
10) 1,3-Dichlorobenzene	4.670	146	30975	20.85	ug/ml		99
11) 1,4-Dichlorobenzene	4.729	146	31469	20.59	ug/ml		98
12) 1,2-Dichlorobenzene	4.841	146	29678	21.06	ug/ml		96
13) 2- METHYLPHENOL	4.912	108	23370	21.59	ug/ml		93
14) Bis(2-Chloroisopropyl)...	4.928	45	29532	20.45	ug/ml	#	63
15) Acetophenone	5.018	105	35087	20.35	ug/ml		98
16) 3/4- METHYLPHENOL	5.024	107	51916	41.35	ug/ml		93
17) N-Nitroso-Di-N-Propyla...	5.024	70	18434	24.11	ug/ml		90
18) Hexachloroethane	5.095	117	12363	20.67	ug/ml		97
21) NITROBENZENE	5.145	77	29521	20.19	ug/ml		95
22) Isophorone	5.329	82	49330	19.89	ug/ml		95
23) 2-Nitrophenol	5.394	139	13509	19.46	ug/ml	#	91
24) 2,4-Dimethylphenol	5.428	122	21687	20.17	ug/ml		87
25) Bis(2-Chloroethoxy)met...	5.503	93	26479	19.51	ug/ml		98
26) Benzoic Acid	5.493	122	12713	18.36	ug/ml		97
27) 2,4-Dichlorophenol	5.587	162	23121	19.67	ug/ml		98
28) 1,2,4-Trichlorobenzene	5.658	180	27100	19.93	ug/ml		99
29) Naphthalene	5.723	128	75223	19.85	ug/ml		97
30) 4-Chloroaniline	5.770	127	31326	20.89	ug/ml		95
31) Hexachlorobutadiene	5.838	225	16620	19.70	ug/ml		99
32) 4-Chloro-3-Methylphenol	6.217	107	23528	19.44	ug/ml		95
33) 2-MethylNaphthalene	6.379	142	54505	19.72	ug/ml		94
34) 1-Methylnaphthalene	6.482	142	48325	19.97	ug/ml		94
38) Hexachlorocyclopentadiene	6.553	237	17080	21.21	ug/ml		98
39) 1,2,4,5-Tetrachloroben...	6.559	216	27746	20.27	ug/ml		99

CHECKED BY: BRIAN DAGUEUR JAN 23 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012311.D
Acq On : 23 Jan 2012 1:06 pm
Operator : BGL
Sample : 8270std 20 ppm Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 23 15:02:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:02:37 2012
Response via : Initial Calibration

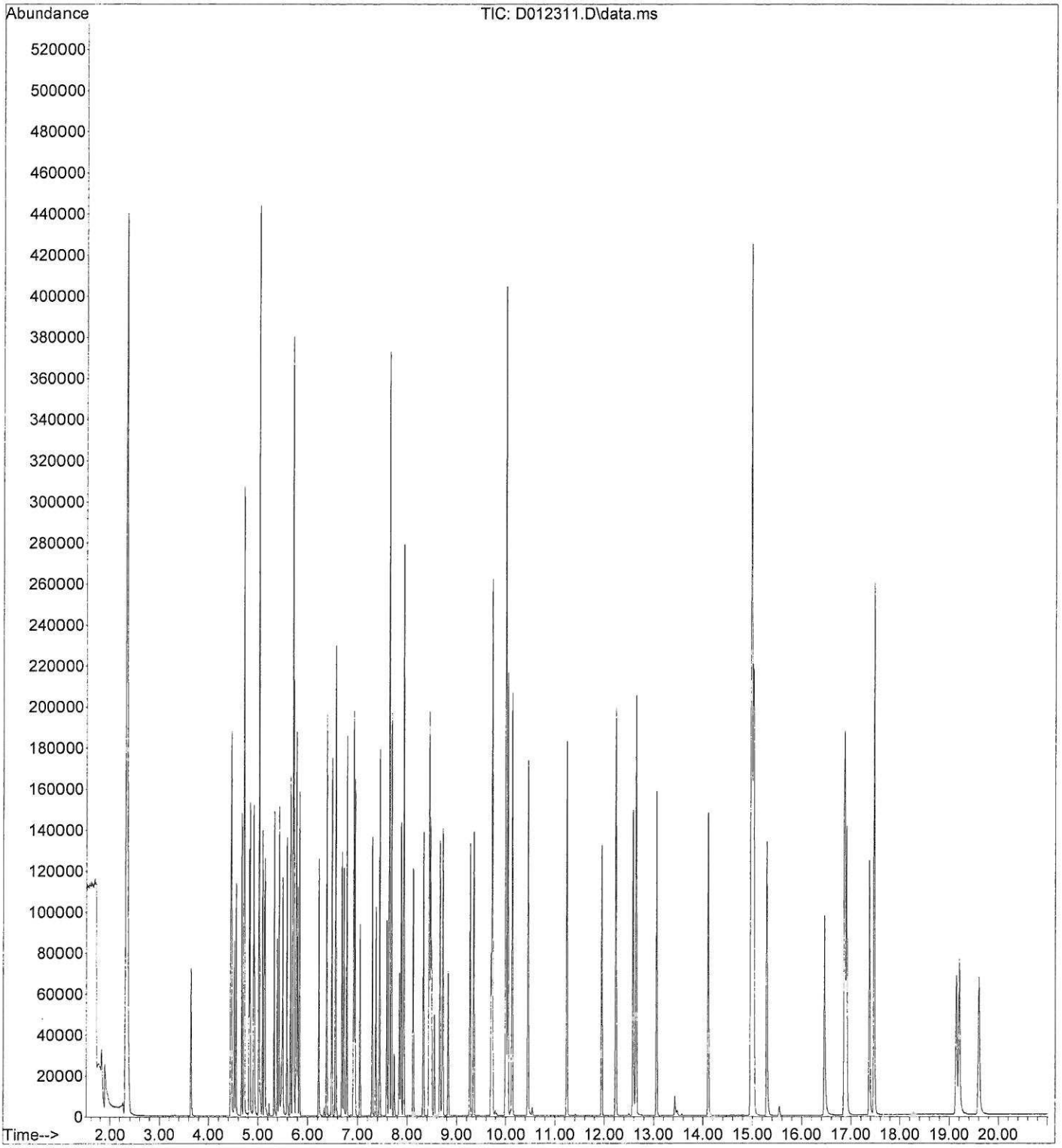
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.687	196	17832	19.87	ug/ml	99
41) 2,4,5-Trichlorophenol	6.724	196	19781	20.47	ug/ml	96
42) 2-ChloroNaphthalene	6.920	162	61512	20.72	ug/ml	98
43) 2-Nitroaniline	7.047	65	16773	20.00	ug/ml	86
44) DIMETHYL PHTHALATE	7.296	163	58259	19.44	ug/ml	99
45) 2,6-DinitroToluene	7.367	165	14281	18.92	ug/ml#	81
46) Acenaphthylene	7.442	152	85590	20.17	ug/ml	100
47) 3-Nitroaniline	7.588	138	16343	20.50	ug/ml	91
48) Acenaphthene	7.681	154	50981	20.20	ug/ml	99
49) 2,4-Dinitrophenol	7.737	184	4972	21.12	ug/ml#	88
50) 4-Nitrophenol	7.840	109	9839	20.48	ug/ml#	75
51) Dibenzofuran	7.930	168	81584	19.94	ug/ml	95
52) 2,4-Dinitrotoluene	7.930	165	22043	18.93	ug/ml#	84
53) DIETHYL PHTHALATE	8.331	149	63952	18.60	ug/ml	98
54) 4-Chlorophenyl phenyl ...	8.471	204	32836	19.63	ug/ml	97
55) Flourene	8.446	166	69245	19.66	ug/ml	99
56) 4-Nitroaniline	8.493	138	16668	19.32	ug/ml#	70
58) 4,6-Dinitro-2-Methylph...	8.552	198	8869	20.15	ug/ml#	87
59) N-Nitrosodiphenylamine	8.664	169	41408	19.49	ug/ml	98
60) 1,2-Diphenylhydrazine	8.723	77	69916	20.61	ug/ml#	92
61) 4-Bromophenyl phenyl e...	9.270	248	20575	20.00	ug/ml	96
62) Hexachlorobenzene	9.347	284	23766	19.21	ug/ml	92
63) Pentachlorophenol	9.699	266	13242	17.33	ug/ml	96
64) Pentachloronitrobenzene	9.730	295	3852	18.96	ug/ml#	58
65) Phenanthrene	10.047	178	110725	20.08	ug/ml	100
66) Anthracene	10.134	178	111621	20.28	ug/ml	100
67) Carbazole	10.457	167	98139	20.12	ug/ml	99
68) Di-N-Butyl Phthalate	11.246	149	132071	19.79	ug/ml	99
69) Flouranthene	12.235	202	117793	20.53	ug/ml#	96
72) Benzidine	12.586	184	85379 40	50.58	ug/ml#	96
73) Pyrene	12.648	202	121051	18.22	ug/ml	100
74) Butylbenzyl phthalate	14.106	149	51208	19.72	ug/ml	96
75) 3,3'-Dichlorobenzidine	15.010	252	58363 40	41.04	ug/ml	99
76) Benzo(a)anthracene	14.964	228	104465	19.87	ug/ml	99
77) Chrysene	15.029	228	101301	19.93	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	15.290	149	65276	19.63	ug/ml#	94
80) Di-n-octylphthalate	16.462	149	92891	19.12	ug/ml#	99
81) Benzo(b)fluoranthene	16.866	252	86456	19.47	ug/ml	97
82) Benzo(k)fluoranthene	16.912	252	83782	19.55	ug/ml#	95
83) Benzo(a)pyrene	17.379	252	75501	19.13	ug/ml	97
84) Indeno(1,2,3-cd)pyrene	19.144	276	56769	18.59	ug/ml	96
85) Dibenz(a,h)anthracene	19.203	278	56879	18.36	ug/ml	98
86) Benzo(g,h,i)perylene	19.601	276	61601	18.74	ug/ml	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012311.D
Acq On : 23 Jan 2012 1:06 pm
Operator : BGL
Sample : 8270std 20 ppm Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 23 15:02:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:02:37 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 23 15:07:24 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-D4	4.716	150	65668	40.00	ug/ml		0.00
19) NAPHTHALENE-d8	5.708	136	148926	40.00	ug/ml	#	0.00
35) ACENAPHTHENE-D10	7.641	164	103320	40.00	ug/ml		0.00
57) PHENANTHRENE-D10	10.009	188	227842	40.00	ug/ml	#	0.00
70) CHRYSENE-D12	14.992	240	191088	40.00	ug/ml		0.00
79) PERYLENE-D12	17.475	264	128424	40.00	ug/ml		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	3.647	112	57807	53.28	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	26.64%#			
3) Phenol-d6	4.449	99	72193	52.47	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	26.23%#			
20) Nitrobenzene-d5	5.133	82	70871	50.67	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	50.67%			
36) 2-Fluorobiphenyl	6.789	172	144449	50.45	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	50.45%			
37) 2,4,6-Tribromophenol	8.834	330	26351	50.84	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	25.42%#			
71) Terphenyl-d14	13.068	244	186863	49.90	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	49.90%			
Target Compounds							Qvalue
4) N-Nitrosodimethylamine	1.816	42	30448	52.92	ug/ml	#	66
5) Pyridine	1.869	79	56842m	51.29	ug/ml		
6) Aniline	4.464	93	88679	51.65	ug/ml	#	41
7) Phenol	4.461	94	83105	51.61	ug/ml	#	29
8) Bis(2-chloroethyl)ether	4.524	93	57388	52.72	ug/ml		91
9) 2-Chlorophenol	4.555	128	64930	53.35	ug/ml		98
10) 1,3-Dichlorobenzene	4.673	146	77043	51.81	ug/ml		99
11) 1,4-Dichlorobenzene	4.729	146	79229	51.78	ug/ml		99
12) 1,2-Dichlorobenzene	4.844	146	72330	51.27	ug/ml		96
13) 2- METHYLPHENOL	4.915	108	54979	50.74	ug/ml		87
14) Bis(2-Chloroisopropyl)...	4.931	45	74403	51.48	ug/ml		98
15) Acetophenone	5.021	105	87368	50.61	ug/ml		99
16) 3/4- METHYLPHENOL	5.030	107	129683	103.18	ug/ml		94
17) N-Nitroso-Di-N-Propyla...	5.027	70	46307	60.50	ug/ml		91
18) Hexachloroethane	5.095	117	31602	52.78	ug/ml		97
21) NITROBENZENE	5.148	77	72659	50.87	ug/ml		99
22) Isophorone	5.335	82	125829	51.92	ug/ml		95
23) 2-Nitrophenol	5.394	139	36224	53.39	ug/ml	#	89
24) 2,4-Dimethylphenol	5.431	122	56026	53.32	ug/ml		87
25) Bis(2-Chloroethoxy)met...	5.506	93	68957	51.99	ug/ml		99
26) Benzoic Acid	5.521	122	34719	51.33	ug/ml		93
27) 2,4-Dichlorophenol	5.590	162	59781	52.05	ug/ml		98
28) 1,2,4-Trichlorobenzene	5.658	180	68991	51.92	ug/ml		99
29) Naphthalene	5.726	128	187772	50.72	ug/ml		97
30) 4-Chloroaniline	5.773	127	77590	52.95	ug/ml		96
31) Hexachlorobutadiene	5.838	225	43023	52.20	ug/ml		100
32) 4-Chloro-3-Methylphenol	6.221	107	61962	52.39	ug/ml		96
33) 2-MethylNaphthalene	6.379	142	137266	50.84	ug/ml		94
34) 1-Methylnaphthalene	6.485	142	120284	50.88	ug/ml		94
38) Hexachlorocyclopentadiene	6.556	237	47260	56.43	ug/ml		99
39) 1,2,4,5-Tetrachloroben...	6.562	216	72671	51.07	ug/ml		100

CHECKED BY: BRIAN LACBEUX 1/24/2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 23 15:07:24 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration

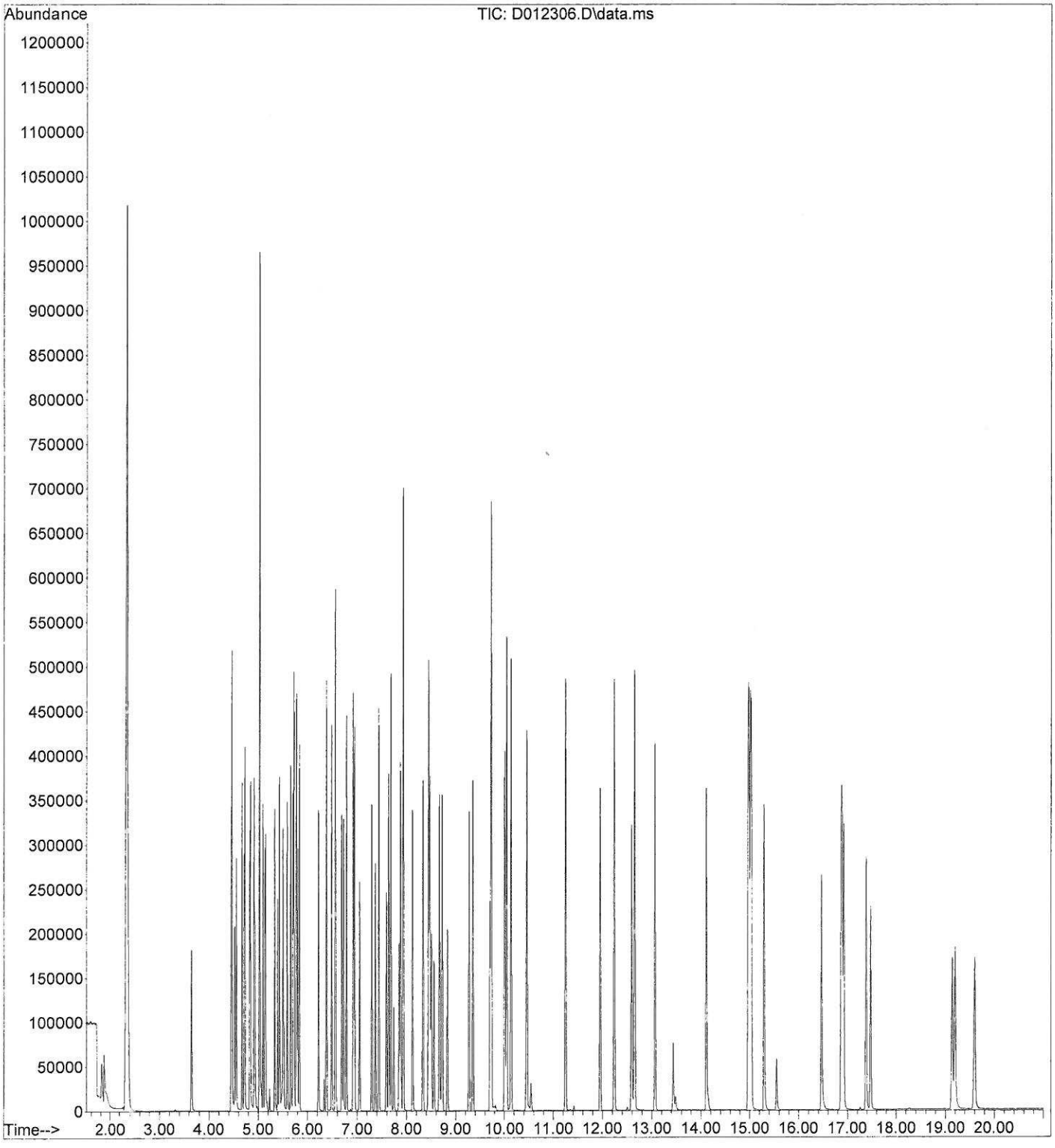
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.690	196	47972	51.41	ug/ml	99
41) 2,4,5-Trichlorophenol	6.724	196	52618	52.36	ug/ml	95
42) 2-ChloroNaphthalene	6.923	162	159015	51.51	ug/ml	98
43) 2-Nitroaniline	7.054	65	45734	52.44	ug/ml	87
44) DIMETHYL PHTHALATE	7.302	163	158844	50.97	ug/ml	98
45) 2,6-DinitroToluene	7.374	165	40805	52.00	ug/ml#	85
46) Acenaphthylene	7.445	152	223189	50.58	ug/ml	100
47) 3-Nitroaniline	7.597	138	43665	52.68	ug/ml	91
48) Acenaphthene	7.688	154	131765	50.20	ug/ml	99
49) 2,4-Dinitrophenol	7.744	184	17623	42.85	ug/ml#	84
50) 4-Nitrophenol	7.852	109	27204	45.57	ug/ml#	77
51) Dibenzofuran	7.933	168	212850	50.02	ug/ml	94
52) 2,4-Dinitrotoluene	7.936	165	61022	50.41	ug/ml	88
53) DIETHYL PHTHALATE	8.337	149	178209	49.85	ug/ml	98
54) 4-Chlorophenyl phenyl ...	8.474	204	87012	50.03	ug/ml	98
55) Flourene	8.449	166	181888	49.66	ug/ml	99
56) 4-Nitroaniline	8.508	138	46139	51.44	ug/ml#	75
58) 4,6-Dinitro-2-Methylph...	8.561	198	30295	46.23	ug/ml#	88
59) N-Nitrosodiphenylamine	8.670	169	114348	53.02	ug/ml	99
60) 1,2-Diphenylhydrazine	8.726	77	181481	52.70	ug/ml#	93
61) 4-Bromophenyl phenyl e...	9.273	248	54116	51.82	ug/ml	95
62) Hexachlorobenzene	9.354	284	64699	51.51	ug/ml	92
63) Pentachlorophenol	9.702	266	40466	52.18	ug/ml	97
64) Pentachloronitrobenzene	9.736	295	10872	52.71	ug/ml#	63
65) Phenanthrene	10.050	178	281786	50.35	ug/ml	100
66) Anthracene	10.143	178	284143	50.86	ug/ml	100
67) Carbazole	10.463	167	251656	50.84	ug/ml	99
68) Di-N-Butyl Phthalate	11.249	149	353610	52.19	ug/ml	99
69) Flouranthene	12.241	202	298346	51.24	ug/ml#	96
72) Benzidine	12.592	184	179170 (LCC)	114.15	ug/ml	98
73) Pyrene	12.657	202	306720	49.66	ug/ml	100
74) Butylbenzyl phthalate	14.112	149	126699	52.47	ug/ml	97
75) 3,3'-Dichlorobenzidine	15.020	252	127362 (LCC)	96.32	ug/ml	99
76) Benzo(a)anthracene	14.973	228	247597	50.65	ug/ml	99
77) Chrysene	15.041	228	239304	50.63	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	15.293	149	154928	50.11	ug/ml#	96
80) Di-n-octylphthalate	16.465	149	220446	52.97	ug/ml	99
81) Benzo(b)fluoranthene	16.872	252	192266	50.55	ug/ml	98
82) Benzo(k)fluoranthene	16.925	252	188493	51.35	ug/ml#	95
83) Benzo(a)pyrene	17.382	252	172200	50.94	ug/ml#	97
84) Indeno(1,2,3-cd)pyrene	19.144	276	130867	50.02	ug/ml	96
85) Dibenz(a,h)anthracene	19.200	278	134366	50.63	ug/ml	97
86) Benzo(g,h,i)perylene	19.601	276	141899	50.39	ug/ml	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

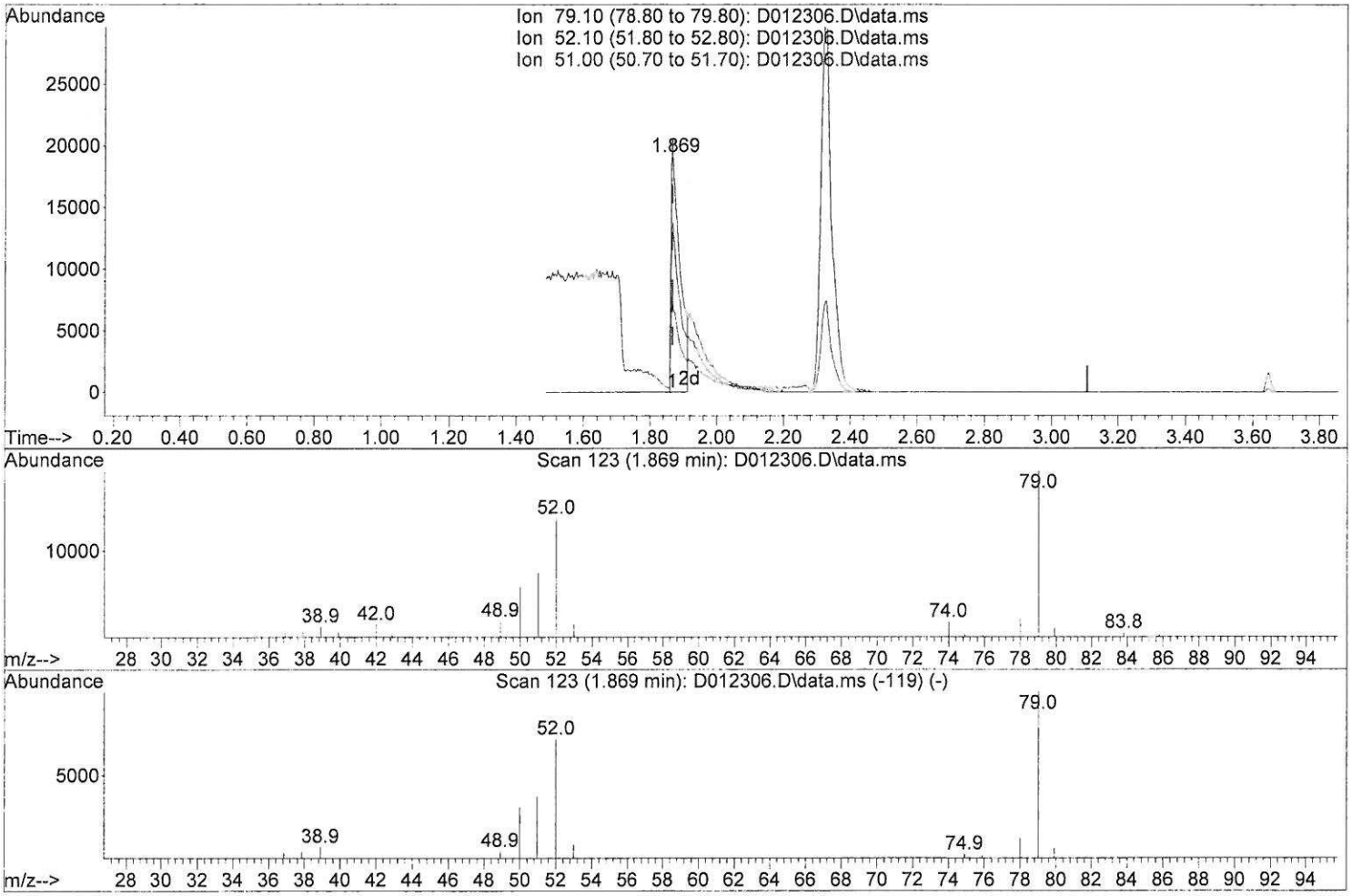
Quant Time: Jan 23 15:07:24 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 23 15:05:08 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration



3

TIC: D012306.D\data.ms

(5) Pyridine

1.869min (+0.000) 32.60 ug/ml

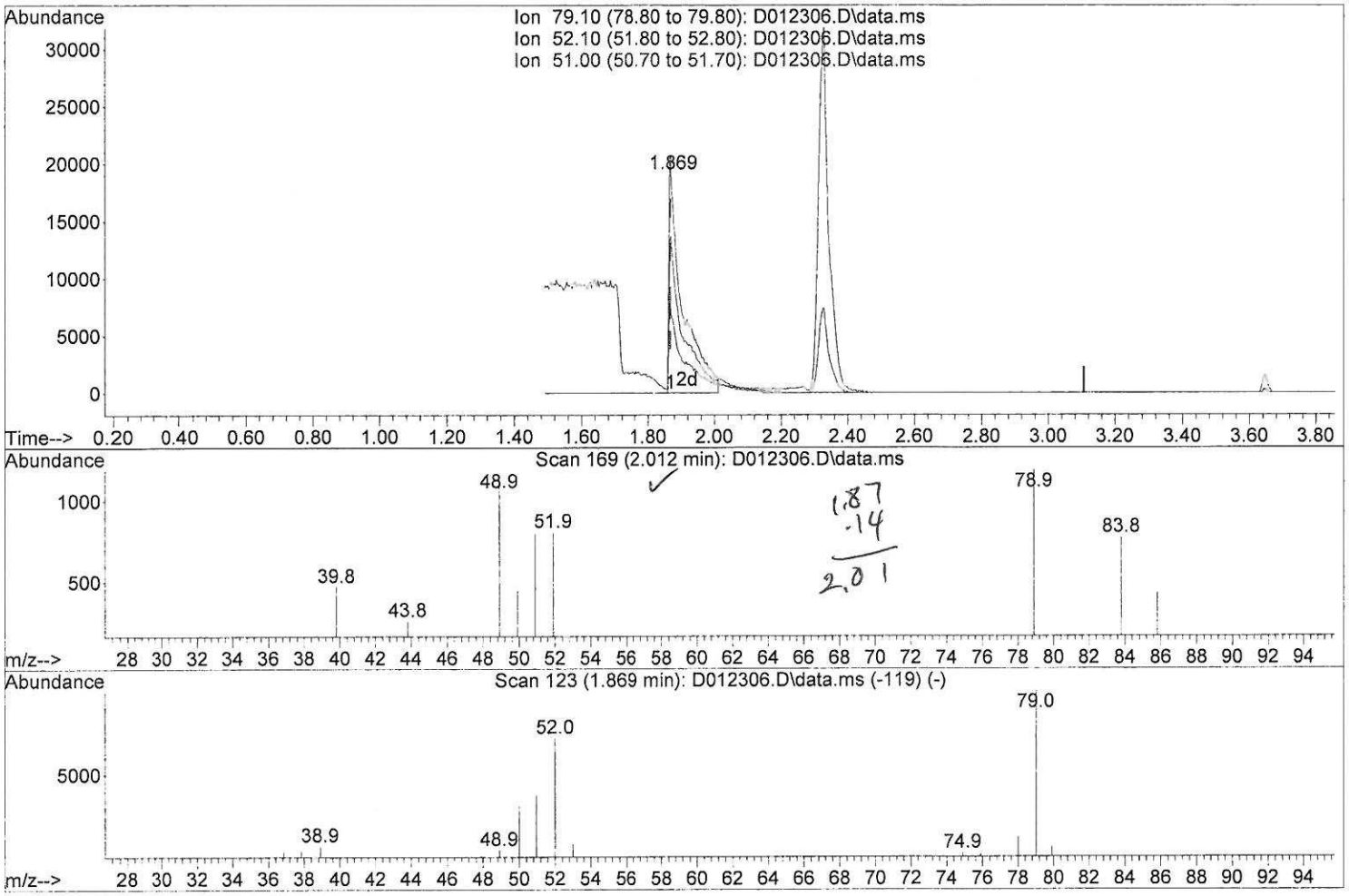
response 36137

Ion	Exp%	Act%
79.10	100	100
52.10	64.80	112.62#
51.00	29.60	36.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 23 15:05:08 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration



TIC: D012306.D\data.ms

(5) Pyridine

1.869min (+0.000) 51.29 ug/ml m

response 56842

Ion	Exp%	Act%
79.10	100	100
52.10	64.80	71.60
51.00	29.60	23.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012307.D
Acq On : 23 Jan 2012 11:18 am
Operator : BGL
Sample : 8270STD 80 ppm Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 23 15:09:05 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:08:01 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.716	150	74564	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.708	136	152341	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.644	164	102241	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	10.012	188	259937	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.992	240	184741	40.00	ug/ml	0.00
79) PERYLENE-D12	17.478	264	115120	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	3.647	112	88113	71.52	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	35.76%		
3) Phenol-d6	4.452	99	104968	67.19	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	33.59%		
20) Nitrobenzene-d5	5.136	82	103627	72.43	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	72.43%		
36) 2-Fluorobiphenyl	6.789	172	208118	73.46	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	73.46%		
37) 2,4,6-Tribromophenol	8.841	330	45271	88.26	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	44.13%		
71) Terphenyl-d14	13.074	244	306376	84.63	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	84.63%		
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.823	42	45716	69.98	ug/ml	99
5) Pyridine	1.866	79	90520	72.25	ug/ml#	62
6) Aniline	4.467	93	129529	66.45	ug/ml	100
7) Phenol	4.461	94	121571	66.49	ug/ml	100
8) Bis(2-chloroethyl)ether	4.523	93	84627	68.47	ug/ml	99
9) 2-Chlorophenol	4.558	128	95509	69.11	ug/ml	99
10) 1,3-Dichlorobenzene	4.673	146	115447	68.37	ug/ml	100
11) 1,4-Dichlorobenzene	4.729	146	118594	68.26	ug/ml	100
12) 1,2-Dichlorobenzene	4.844	146	107765	67.27	ug/ml	100
13) 2- METHYLPHENOL	4.918	108	86368	70.20	ug/ml	91
14) Bis(2-Chloroisopropyl)...	4.931	45	108465	66.10	ug/ml	98
15) Acetophenone	5.024	105	130342	66.50	ug/ml	100
16) 3/4- METHYLPHENOL	5.033	107	195090	136.70	ug/ml	99
17) N-Nitroso-Di-N-Propyla...	5.030	70	68331	78.63	ug/ml	99
18) Hexachloroethane	5.095	117	47705	70.17	ug/ml	100
21) NITROBENZENE	5.148	77	111640	76.41	ug/ml	95
22) Isophorone	5.338	82	180443	72.78	ug/ml	99
23) 2-Nitrophenol	5.394	139	55129	79.44	ug/ml	99
24) 2,4-Dimethylphenol	5.431	122	80728	75.10	ug/ml	99
25) Bis(2-Chloroethoxy)met...	5.506	93	100729	74.24	ug/ml	100
26) Benzoic Acid	5.537	122	52377	75.70	ug/ml	96
27) 2,4-Dichlorophenol	5.590	162	87285	74.29	ug/ml	100
28) 1,2,4-Trichlorobenzene	5.661	180	102490	75.40	ug/ml	99
29) Naphthalene	5.726	128	279552	73.82	ug/ml	100
30) 4-Chloroaniline	5.776	127	105796	70.58	ug/ml	99
31) Hexachlorobutadiene	5.838	225	63924	75.81	ug/ml	99
32) 4-Chloro-3-Methylphenol	6.224	107	89084	73.63	ug/ml	100
33) 2-MethylNaphthalene	6.382	142	198138	71.74	ug/ml	99
34) 1-Methylnaphthalene	6.488	142	172484	71.33	ug/ml	99
38) Hexachlorocyclopentadiene	6.556	237	66328	80.04	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.565	216	105111	74.64	ug/ml	99

CHECKED BY: BRIAN AGUILAR 2/9/2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012307.D
Acq On : 23 Jan 2012 11:18 am
Operator : BGL
Sample : 8270STD 80 ppm Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 23 15:09:05 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:08:01 2012
Response via : Initial Calibration

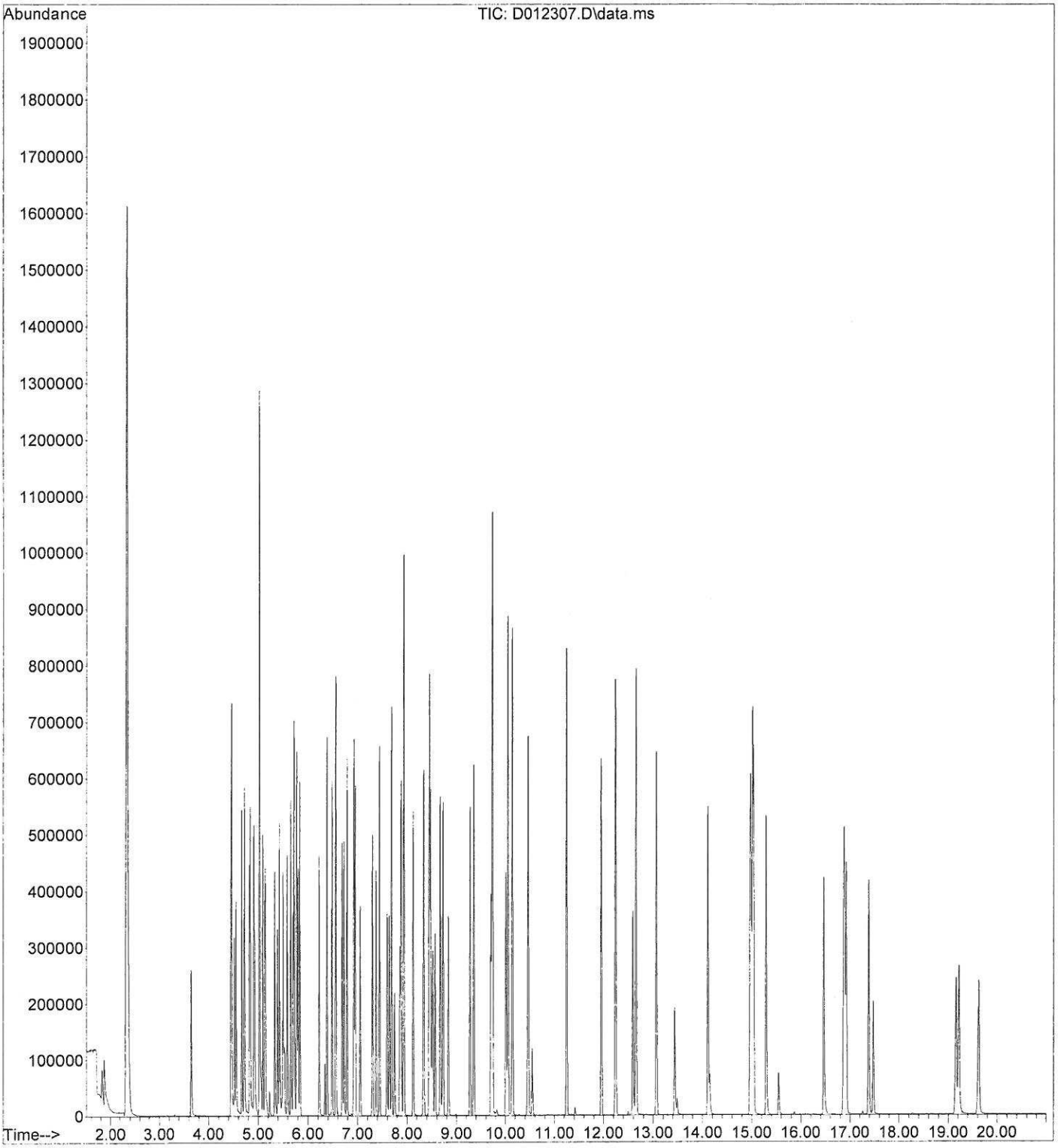
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40)	2,4,6-Trichlorophenol	6.690	196	70674	76.54	ug/ml	100
41)	2,4,5-Trichlorophenol	6.727	196	76353	76.79	ug/ml	97
42)	2-ChloroNaphthalene	6.926	162	223676	73.22	ug/ml	100
43)	2-Nitroaniline	7.057	65	68903	79.84	ug/ml	99
44)	DIMETHYL PHTHALATE	7.305	163	240240	77.90	ug/ml	100
45)	2,6-DinitroToluene	7.377	165	64790	83.44	ug/ml	99
46)	Acenaphthylene	7.448	152	330680	75.73	ug/ml	100
47)	3-Nitroaniline	7.600	138	69748	85.03	ug/ml	99
48)	Acenaphthene	7.687	154	194262	74.80	ug/ml	99
49)	2,4-Dinitrophenol	7.750	184	33990	72.03	ug/ml	98
50)	4-Nitrophenol	7.862	109	49373	79.10	ug/ml	88
51)	Dibenzofuran	7.939	168	324168	76.99	ug/ml	99
52)	2,4-Dinitrotoluene	7.945	165	108693	90.73	ug/ml	96
53)	DIETHYL PHTHALATE	8.340	149	302806	85.60	ug/ml	100
54)	4-Chlorophenyl phenyl ...	8.477	204	135929	78.99	ug/ml	99
55)	Flourene	8.455	166	287663	79.37	ug/ml	100
56)	4-Nitroaniline	8.520	138	76102	85.75	ug/ml	96
58)	4,6-Dinitro-2-Methylph...	8.570	198	60455	74.02	ug/ml	99
59)	N-Nitrosodiphenylamine	8.676	169	184436	74.96	ug/ml	100
60)	1,2-Diphenylhydrazine	8.732	77	287818	73.26	ug/ml	99
61)	4-Bromophenyl phenyl e...	9.279	248	89995	75.54	ug/ml	99
62)	Hexachlorobenzene	9.357	284	113770	79.39	ug/ml	99
63)	Pentachlorophenol	9.705	266	72075	81.47	ug/ml	99
64)	Pentachloronitrobenzene	9.742	295	20348	86.48	ug/ml	97
65)	Phenanthrene	10.059	178	484323	75.86	ug/ml	100
66)	Anthracene	10.149	178	481900	75.61	ug/ml	100
67)	Carbazole	10.472	167	424929	75.24	ug/ml	100
68)	Di-N-Butyl Phthalate	11.256	149	625763	80.95	ug/ml	100
69)	Flouranthene	12.250	202	507372	76.38	ug/ml	100
72)	Benzidine	12.595	184	201425	160 132.73	ug/ml	100
73)	Pyrene	12.664	202	512740	85.86	ug/ml	100
74)	Butylbenzyl phthalate	14.115	149	192122	82.29	ug/ml	99
75)	3,3'-Dichlorobenzidine	15.020	252	195533	160 152.96	ug/ml	99
76)	Benzo(a)anthracene	14.973	228	367278	77.71	ug/ml	100
77)	Chrysene	15.041	228	350695	76.74	ug/ml	100
78)	Bis(2-ethylhexyl)phtha...	15.296	149	233897	78.26	ug/ml	100
80)	Di-n-octylphthalate	16.468	149	335381	89.91	ug/ml	100
81)	Benzo(b)fluoranthene	16.878	252	276761	81.17	ug/ml	99
82)	Benzo(k)fluoranthene	16.931	252	268354	81.66	ug/ml	99
83)	Benzo(a)pyrene	17.391	252	241035	79.55	ug/ml	99
84)	Indeno(1,2,3-cd)pyrene	19.163	276	192000	81.87	ug/ml	100
85)	Dibenz(a,h)anthracene	19.222	278	192799	81.05	ug/ml	99
86)	Benzo(g,h,i)perylene	19.626	276	205006	81.22	ug/ml	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012307.D
Acq On : 23 Jan 2012 11:18 am
Operator : BGL
Sample : 8270STD 80 ppm Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 23 15:09:05 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:08:01 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012308.D
Acq On : 23 Jan 2012 11:45 am
Operator : BGL
Sample : 8270STD 100 ppm Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 23 15:10:26 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:10:01 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.716	150	75914	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.711	136	159726	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.644	164	121465	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	10.015	188	283628	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.998	240	207936	40.00	ug/ml	0.00
79) PERYLENE-D12	17.487	264	160952	40.00	ug/ml	0.01
System Monitoring Compounds						
2) 2-Fluorophenol	3.650	112	121432	96.81	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	48.41%		
3) Phenol-d6	4.455	99	156336	98.29	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	49.15%		
20) Nitrobenzene-d5	5.139	82	160340	106.89	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	106.89%		
36) 2-Fluorobiphenyl	6.792	172	342010	101.61	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	101.61%		
37) 2,4,6-Tribromophenol	8.844	330	71037	116.57	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	58.28%		
71) Terphenyl-d14	13.077	244	456885	112.12	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	112.12%		
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.829	42	63554	95.55	ug/ml	99
5) Pyridine	1.860	79	122304	95.88	ug/ml#	55
6) Aniline	4.467	93	195135	98.32	ug/ml	98
7) Phenol	4.467	94	180088	96.74	ug/ml	100
8) Bis(2-chloroethyl)ether	4.526	93	118877	94.47	ug/ml	99
9) 2-Chlorophenol	4.558	128	136537	97.04	ug/ml	99
10) 1,3-Dichlorobenzene	4.673	146	160176	93.17	ug/ml	100
11) 1,4-Dichlorobenzene	4.729	146	164186	92.82	ug/ml	100
12) 1,2-Dichlorobenzene	4.844	146	153459	94.09	ug/ml	100
13) 2- METHYLPHENOL	4.918	108	124655	99.52	ug/ml	94
14) Bis(2-Chloroisopropyl)...	4.931	45	147043	88.01	ug/ml	95
15) Acetophenone	5.027	105	193937	97.18	ug/ml	99
16) 3/4- METHYLPHENOL	5.036	107	288950	198.87	ug/ml	99
17) N-Nitroso-Di-N-Propyla...	5.036	70	103195	116.64	ug/ml	98
18) Hexachloroethane	5.098	117	65290	94.32	ug/ml	100
21) NITROBENZENE	5.151	77	156794	102.35	ug/ml	100
22) Isophorone	5.341	82	284225	109.34	ug/ml	99
23) 2-Nitrophenol	5.397	139	82641	113.57	ug/ml	99
24) 2,4-Dimethylphenol	5.434	122	123498	109.58	ug/ml	100
25) Bis(2-Chloroethoxy)met...	5.509	93	153625	107.99	ug/ml	98
26) Benzoic Acid	5.555	122	88738	122.32	ug/ml	90
27) 2,4-Dichlorophenol	5.593	162	135196	109.75	ug/ml	100
28) 1,2,4-Trichlorobenzene	5.661	180	148385	104.12	ug/ml	99
29) Naphthalene	5.729	128	415071	104.54	ug/ml	100
30) 4-Chloroaniline	5.779	127	169905	108.11	ug/ml	99
31) Hexachlorobutadiene	5.841	225	91834	103.88	ug/ml	100
32) 4-Chloro-3-Methylphenol	6.227	107	148687	117.22	ug/ml	99
33) 2-MethylNaphthalene	6.382	142	315847	109.07	ug/ml	100
34) 1-Methylnaphthalene	6.488	142	276040	108.87	ug/ml	99
38) Hexachlorocyclopentadiene	6.559	237	108043	109.74	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.565	216	169528	101.33	ug/ml	99

CHECKED BY GRAM LABORATORY 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012308.D
Acq On : 23 Jan 2012 11:45 am
Operator : BGL
Sample : 8270STD 100 ppm Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 23 15:10:26 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:10:01 2012
Response via : Initial Calibration

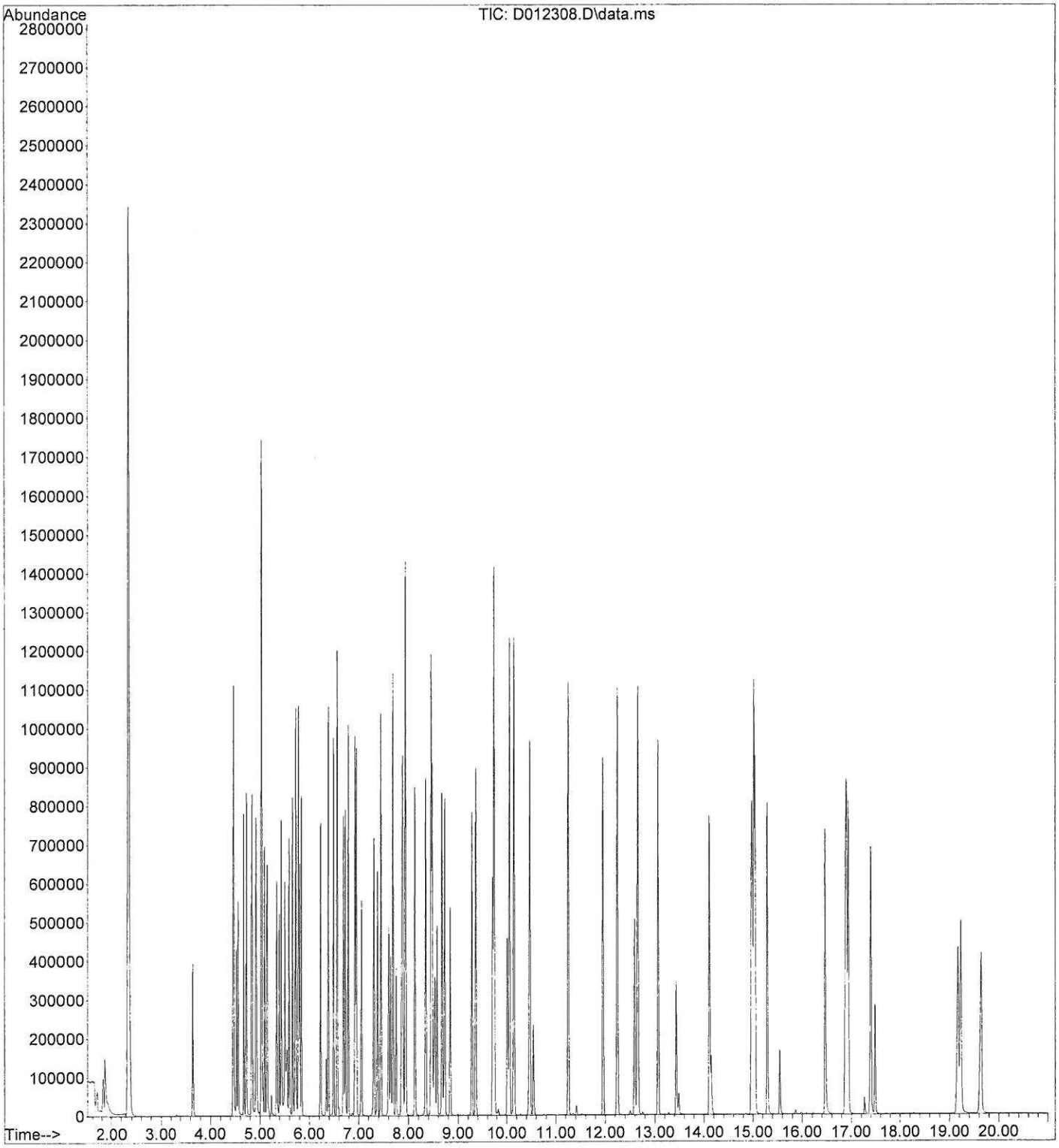
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.693	196	122862	111.99	ug/ml	100
41) 2,4,5-Trichlorophenol	6.730	196	128370	108.67	ug/ml	100
42) 2-ChloroNaphthalene	6.929	162	387180	106.69	ug/ml	100
43) 2-Nitroaniline	7.063	65	114206	111.38	ug/ml	99
44) DIMETHYL PHTHALATE	7.311	163	396976	108.34	ug/ml	100
45) 2,6-DinitroToluene	7.383	165	103968	112.70	ug/ml	98
46) Acenaphthylene	7.451	152	544271	104.92	ug/ml	100
47) 3-Nitroaniline	7.610	138	105793	108.57	ug/ml	99
48) Acenaphthene	7.694	154	325005	105.33	ug/ml	99
49) 2,4-Dinitrophenol	7.756	184	64384	107.65	ug/ml	96
50) 4-Nitrophenol	7.874	109	79339	105.10	ug/ml	90
51) Dibenzofuran	7.945	168	524056	104.77	ug/ml	98
52) 2,4-Dinitrotoluene	7.952	165	162256	114.01	ug/ml	96
53) DIETHYL PHTHALATE	8.349	149	461551	109.83	ug/ml	100
54) 4-Chlorophenyl phenyl ...	8.483	204	218361	106.81	ug/ml	99
55) Flourene	8.458	166	454728	105.61	ug/ml	100
56) 4-Nitroaniline	8.539	138	120056	113.86	ug/ml	93
58) 4,6-Dinitro-2-Methylph...	8.583	198	98950	106.46	ug/ml	97
59) N-Nitrosodiphenylamine	8.682	169	287484	107.09	ug/ml	100
60) 1,2-Diphenylhydrazine	8.738	77	434376	101.33	ug/ml	99
61) 4-Bromophenyl phenyl e...	9.282	248	137606	105.86	ug/ml	98
62) Hexachlorobenzene	9.363	284	169022	108.09	ug/ml	99
63) Pentachlorophenol	9.711	266	117992	122.23	ug/ml	98
64) Pentachloronitrobenzene	9.745	295	29430	114.63	ug/ml	94
65) Phenanthrene	10.065	178	716295	102.82	ug/ml	100
66) Anthracene	10.155	178	725464	104.31	ug/ml	100
67) Carbazole	10.479	167	643222	104.38	ug/ml	99
68) Di-N-Butyl Phthalate	11.259	149	878110	104.11	ug/ml	100
69) Flouranthene	12.253	202	748267	103.23	ug/ml	100
72) Benzidine	12.598	184	296934 200	173.84	ug/ml	99
73) Pyrene	12.670	202	750165	111.60	ug/ml	99
74) Butylbenzyl phthalate	14.115	149	283596	107.92	ug/ml	99
75) 3,3'-Dichlorobenzidine	15.026	252	307249 200	213.54	ug/ml	99
76) Benzo(a)anthracene	14.979	228	550803	103.54	ug/ml	100
77) Chrysene	15.051	228	531410	103.32	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	15.296	149	357803	106.36	ug/ml	100
80) Di-n-octylphthalate	16.471	149	571760	109.63	ug/ml	99
81) Benzo(b)fluoranthene	16.887	252	512861	107.58	ug/ml	100
82) Benzo(k)fluoranthene	16.943	252	467731	101.79	ug/ml	98
83) Benzo(a)pyrene	17.403	252	454459	107.28	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	19.178	276	383322	116.91	ug/ml	99
85) Dibenz(a,h)anthracene	19.237	278	399396	120.08	ug/ml	98
86) Benzo(g,h,i)perylene	19.647	276	404316	114.57	ug/ml	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012308.D
Acq On : 23 Jan 2012 11:45 am
Operator : BGL
Sample : 8270STD 100 ppm Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 23 15:10:26 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:10:01 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012309.D
Acq On : 23 Jan 2012 12:12 pm
Operator : BGL
Sample : 8270STD 120 ppm Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 15:12:09 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:11:58 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.716	150	71939	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.711	136	144075	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.644	164	105833	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	10.015	188	246789	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.995	240	189542	40.00	ug/ml	0.00
79) PERYLENE-D12	17.481	264	149858	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	3.650	112	129780	109.19	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	54.59%		
3) Phenol-d6	4.455	99	163792	108.67	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	54.34%		
20) Nitrobenzene-d5	5.139	82	170144	125.75	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	125.75%		
36) 2-Fluorobiphenyl	6.792	172	343364	117.08	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	117.08%		
37) 2,4,6-Tribromophenol	8.844	330	70601	132.97	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	66.48%		
71) Terphenyl-d14	13.074	244	475409	127.99	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	127.99%		
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.832	42	70210	111.39	ug/ml	99
5) Pyridine	1.863	79	142796	118.13	ug/ml#	67
6) Aniline	4.467	93	201539	107.16	ug/ml	98
7) Phenol	4.467	94	188303	106.75	ug/ml	99
8) Bis(2-chloroethyl)ether	4.527	93	126369	105.97	ug/ml	99
9) 2-Chlorophenol	4.558	128	145855	109.40	ug/ml	98
10) 1,3-Dichlorobenzene	4.673	146	178225	109.40	ug/ml	99
11) 1,4-Dichlorobenzene	4.732	146	181319	108.17	ug/ml	100
12) 1,2-Dichlorobenzene	4.844	146	169700	109.80	ug/ml	99
13) 2- METHYLPHENOL	4.921	108	123869	104.35	ug/ml	99
14) Bis(2-Chloroisopropyl)...	4.931	45	157858	99.70	ug/ml	96
15) Acetophenone	5.027	105	203720	107.73	ug/ml	98
16) 3/4- METHYLPHENOL	5.036	107	303015	220.08	ug/ml	99
17) N-Nitroso-Di-N-Propyla...	5.036	70	107478	128.19	ug/ml	98
18) Hexachloroethane	5.098	117	72011	109.78	ug/ml	99
21) NITROBENZENE	5.151	77	170274	123.22	ug/ml	99
22) Isophorone	5.341	82	291522	124.33	ug/ml	99
23) 2-Nitrophenol	5.397	139	87826	133.81	ug/ml	99
24) 2,4-Dimethylphenol	5.434	122	126742	124.68	ug/ml	99
25) Bis(2-Chloroethoxy)met...	5.509	93	159525	124.32	ug/ml	98
26) Benzoic Acid	5.555	122	88085	134.61	ug/ml	90
27) 2,4-Dichlorophenol	5.593	162	139945	125.95	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.661	180	157222	122.31	ug/ml	100
29) Naphthalene	5.729	128	436796	121.96	ug/ml	100
30) 4-Chloroaniline	5.779	127	166549	117.49	ug/ml	98
31) Hexachlorobutadiene	5.841	225	98333	123.31	ug/ml	100
32) 4-Chloro-3-Methylphenol	6.224	107	146012	127.61	ug/ml	99
33) 2-MethylNaphthalene	6.382	142	322795	123.58	ug/ml	99
34) 1-Methylnaphthalene	6.488	142	282040	123.32	ug/ml	99
38) Hexachlorocyclopentadiene	6.559	237	110594	128.92	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.565	216	173202	118.82	ug/ml	99

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CHECKED BY BRIAN LAGLER JAN 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012309.D
Acq On : 23 Jan 2012 12:12 pm
Operator : BGL
Sample : 8270STD 120 ppm Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 15:12:09 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:11:58 2012
Response via : Initial Calibration

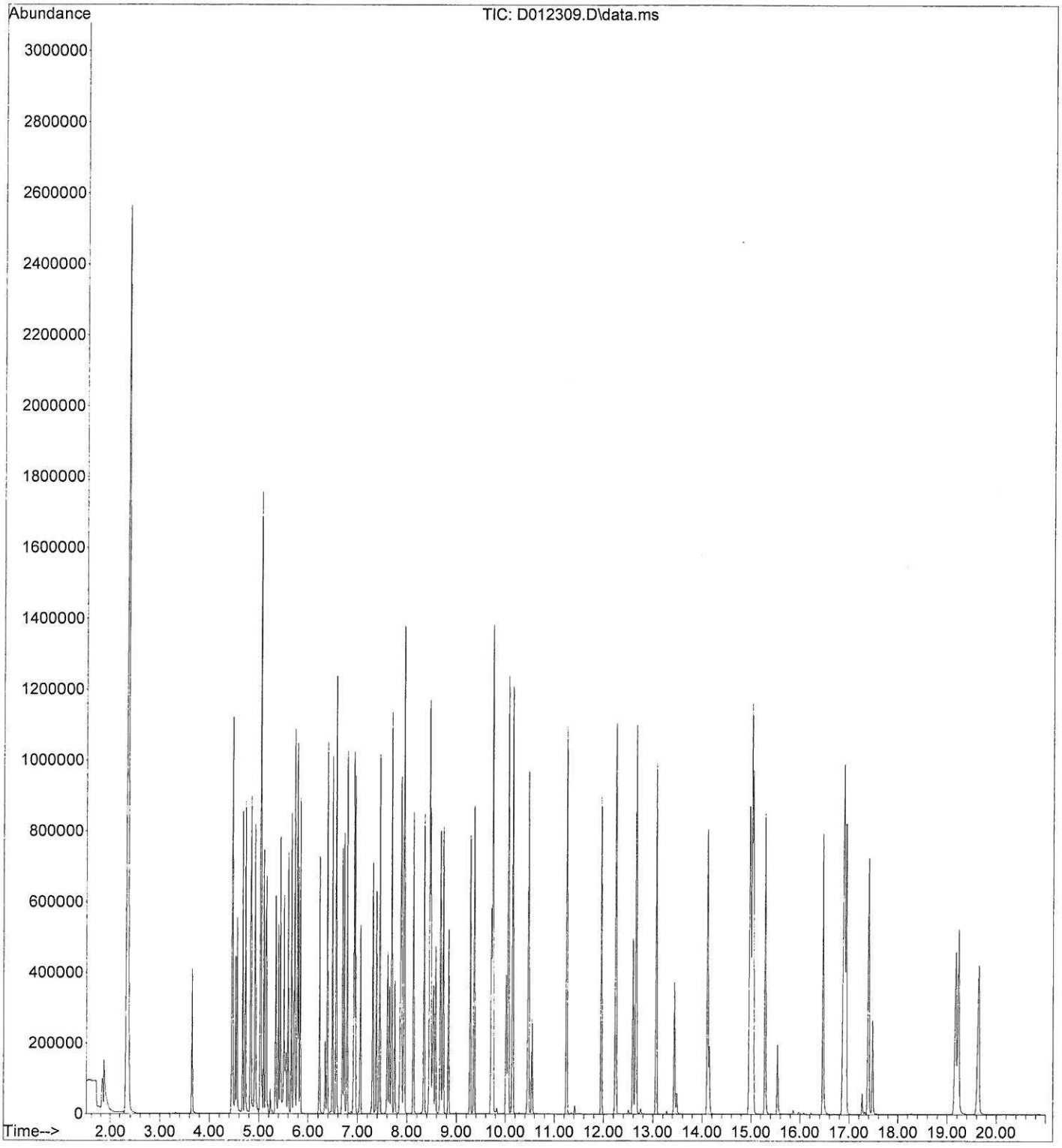
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40)	2,4,6-Trichlorophenol	6.693	196	120889	126.47	ug/ml	100
41)	2,4,5-Trichlorophenol	6.730	196	124511	120.97	ug/ml	98
42)	2-ChloroNaphthalene	6.929	162	374341	118.38	ug/ml	100
43)	2-Nitroaniline	7.063	65	110110	123.25	ug/ml	98
44)	DIMETHYL PHTHALATE	7.311	163	391490	122.63	ug/ml	100
45)	2,6-DinitroToluene	7.383	165	102085	127.01	ug/ml	98
46)	Acenaphthylene	7.451	152	534702	118.30	ug/ml	100
47)	3-Nitroaniline	7.610	138	98459	115.96	ug/ml	99
48)	Acenaphthene	7.694	154	317786	118.21	ug/ml	99
49)	2,4-Dinitrophenol	7.756	184	64125	121.32	ug/ml	96
50)	4-Nitrophenol	7.871	109	78040	117.96	ug/ml	89
51)	Dibenzofuran	7.942	168	513508	117.82	ug/ml	98
52)	2,4-Dinitrotoluene	7.952	165	159089	128.29	ug/ml	95
53)	DIETHYL PHTHALATE	8.350	149	445180	121.58	ug/ml	100
54)	4-Chlorophenyl phenyl ...	8.480	204	212227	119.14	ug/ml	99
55)	Flourene	8.458	166	443253	118.15	ug/ml	100
56)	4-Nitroaniline	8.536	138	115615	125.84	ug/ml	95
58)	4,6-Dinitro-2-Methylph...	8.579	198	97966	119.88	ug/ml	98
59)	N-Nitrosodiphenylamine	8.682	169	281283	120.42	ug/ml	100
60)	1,2-Diphenylhydrazine	8.738	77	430337	115.37	ug/ml	99
61)	4-Bromophenyl phenyl e...	9.282	248	135857	120.11	ug/ml	98
62)	Hexachlorobenzene	9.363	284	166861	122.64	ug/ml	99
63)	Pentachlorophenol	9.711	266	116413	138.59	ug/ml	98
64)	Pentachloronitrobenzene	9.745	295	29392	131.57	ug/ml	92
65)	Phenanthrene	10.062	178	718694	118.56	ug/ml	100
66)	Anthracene	10.155	178	723949	119.63	ug/ml	100
67)	Carbazole	10.475	167	640601	119.47	ug/ml	100
68)	Di-N-Butyl Phthalate	11.259	149	872342	118.87	ug/ml	100
69)	Flouranthene	12.253	202	751325	119.13	ug/ml	100
72)	Benzidine	12.598	184	298929	191.99	ug/ml	100
73)	Pyrene	12.667	202	767951	125.34	ug/ml	99
74)	Butylbenzyl phthalate	14.115	149	301542	125.89	ug/ml	99
75)	3,3'-Dichlorobenzidine	15.023	252	326588	249.01	ug/ml	100
76)	Benzo(a)anthracene	14.976	228	586086	120.86	ug/ml	100
77)	Chrysene	15.047	228	565744	120.67	ug/ml	100
78)	Bis(2-ethylhexyl)phtha...	15.293	149	386680	126.10	ug/ml	100
80)	Di-n-octylphthalate	16.468	149	613716	126.38	ug/ml	99
81)	Benzo(b)fluoranthene	16.887	252	570247	128.47	ug/ml	99
82)	Benzo(k)fluoranthene	16.943	252	508858	118.94	ug/ml	99
83)	Benzo(a)pyrene	17.400	252	497916	126.23	ug/ml	99
84)	Indeno(1,2,3-cd)pyrene	19.175	276	420034	137.59	ug/ml	99
85)	Dibenz(a,h)anthracene	19.234	278	428601	138.41	ug/ml	98
86)	Benzo(g,h,i)perylene	19.647	276	423791	128.98	ug/ml	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012309.D
Acq On : 23 Jan 2012 12:12 pm
Operator : BGL
Sample : 8270STD 120 ppm Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 15:12:09 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:11:58 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 15:43:31 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.716	150	74355	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.708	136	151153	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.641	164	89999	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	10.009	188	206646	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.988	240	241191	40.00	ug/ml	0.00
79) PERYLENE-D12	17.475	264	154001	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	0.000	112	0	0.00	ug/ml	
Spiked Amount 200.000	Range 30 - 130		Recovery =	0.00%#		
3) Phenol-d6	4.502	99	607	0.39	ug/ml	0.05
Spiked Amount 200.000	Range 30 - 130		Recovery =	0.20%#		
20) Nitrobenzene-d5	5.095	82	7443	5.24	ug/ml	-0.04
Spiked Amount 100.000	Range 30 - 130		Recovery =	5.24%#		
36) 2-Fluorobiphenyl	0.000	172	0	0.00	ug/ml	
Spiked Amount 100.000	Range 30 - 130		Recovery =	0.00%#		
37) 2,4,6-Tribromophenol	0.000	330	0	0.00	ug/ml	
Spiked Amount 200.000	Range 30 - 130		Recovery =	0.00%#		
71) Terphenyl-d14	13.058	244	520	0.11	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	0.11%#		
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.850	42	31694	48.65	ug/ml	98
5) Pyridine	1.900	79	69881	55.93	ug/ml#	68
6) Aniline	4.467	93	52030	26.77	ug/ml#	83
7) Phenol	4.461	94	71609	39.27	ug/ml	85
8) Bis(2-chloroethyl)ether	4.523	93	60894	49.40	ug/ml	99
9) 2-Chlorophenol	4.558	128	60084	43.60	ug/ml	98
10) 1,3-Dichlorobenzene	4.673	146	79152	47.01	ug/ml	100
11) 1,4-Dichlorobenzene	4.729	146	80936	46.71	ug/ml	99
12) 1,2-Dichlorobenzene	4.844	146	74680	46.75	ug/ml	100
13) 2- METHYLPHENOL	4.921	108	56191	45.80	ug/ml	99
14) Bis(2-Chloroisopropyl)...	4.931	45	72891	45.65	ug/ml	97
15) Acetophenone	5.021	105	91317	47.41	ug/ml#	76
16) 3/4- METHYLPHENOL	5.030	107	55018	38.70	ug/ml#	53
17) N-Nitroso-Di-N-Propyla...	5.027	70	45637	52.66	ug/ml#	83
18) Hexachloroethane	5.095	117	32860	48.47	ug/ml	99
21) NITROBENZENE	5.148	77	72053	49.70	ug/ml	97
22) Isophorone	5.332	82	118499	48.17	ug/ml	99
23) 2-Nitrophenol	5.394	139	33805	49.09	ug/ml	99
24) 2,4-Dimethylphenol	5.431	122	51155	47.96	ug/ml	98
25) Bis(2-Chloroethoxy)met...	5.506	93	71969	53.46	ug/ml	97
26) Benzoic Acid	5.493	122	16429m	23.93	ug/ml	
27) 2,4-Dichlorophenol	5.593	162	51572	44.24	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.658	180	69226	51.33	ug/ml	100
29) Naphthalene	5.726	128	176721	47.03	ug/ml	100
30) 4-Chloroaniline	5.773	127	45599	30.66	ug/ml	97
31) Hexachlorobutadiene	5.838	225	43521	52.02	ug/ml	100
32) 4-Chloro-3-Methylphenol	6.230	107	51061	42.54	ug/ml	99
33) 2-MethylNaphthalene	6.379	142	117883	43.02	ug/ml	99
34) 1-Methylnaphthalene	6.485	142	112635	46.94	ug/ml	100
38) Hexachlorocyclopentadiene	6.556	237	38794	53.18	ug/ml	98
39) 1,2,4,5-Tetrachloroben...	6.562	216	66671	53.78	ug/ml	100

REVIEWED BY BRIAN LAGUEUX JAN 23 2012

C 80-120 70-130 D

52 76 46 62 65-135 40-60

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 15:43:31 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration

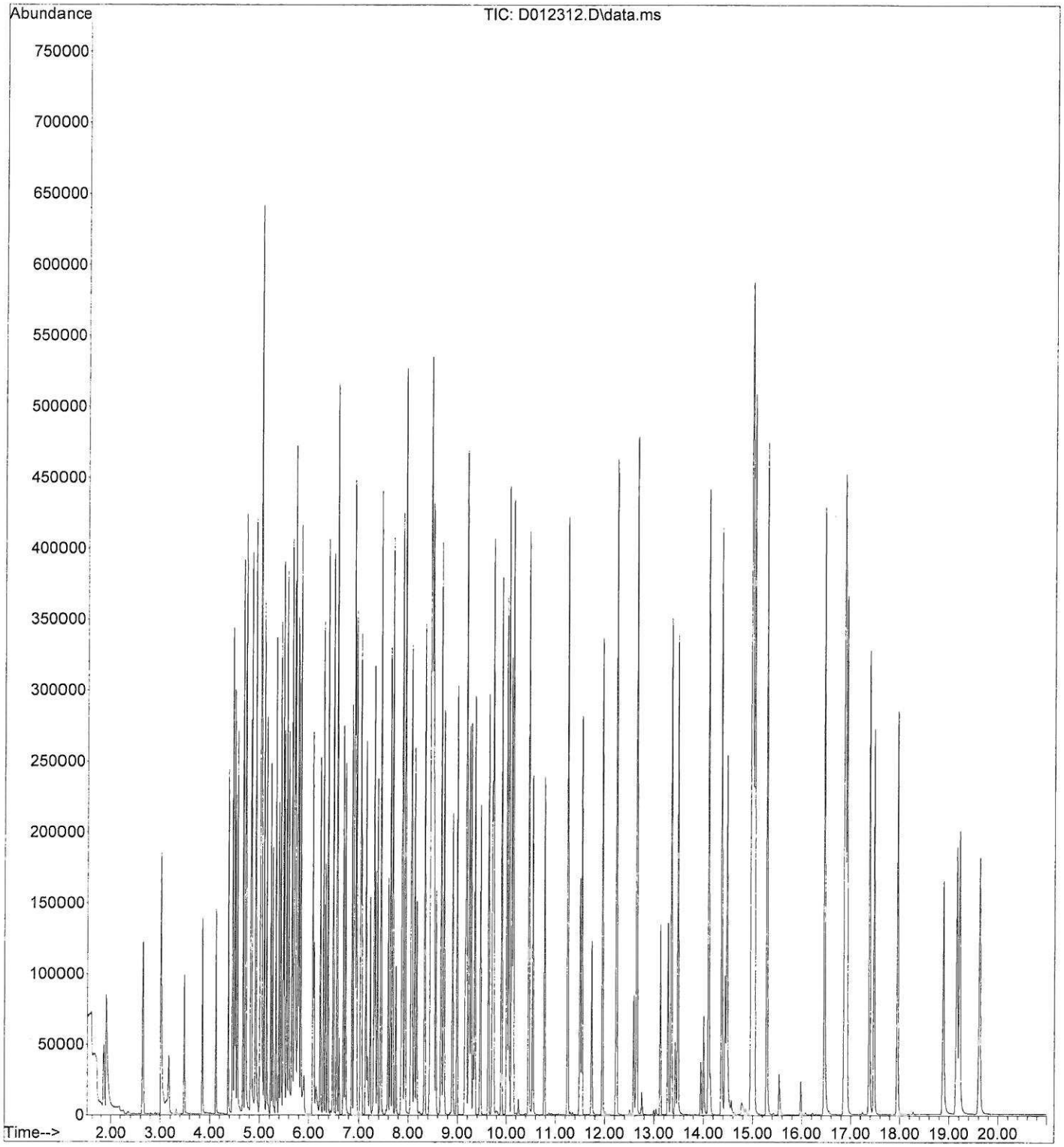
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.690	196	38722	47.64	ug/ml	100
41) 2,4,5-Trichlorophenol	6.730	196	43249	49.41	ug/ml	97
42) 2-ChloroNaphthalene	6.923	162	112625	41.88	ug/ml	96
43) 2-Nitroaniline	7.053	65	43734	57.57	ug/ml	84
44) DIMETHYL PHTHALATE	7.305	163	140701	51.83	ug/ml	100
45) 2,6-DinitroToluene	7.374	165	34618	50.65	ug/ml	99
46) Acenaphthylene	7.448	152	177927	46.29	ug/ml	100
47) 3-Nitroaniline	7.594	138	30016	41.57	ug/ml	99
48) Acenaphthene	7.687	154	108421	47.42	ug/ml	100
49) 2,4-Dinitrophenol	7.750	184	16659	45.47	ug/ml	99
50) 4-Nitrophenol	7.865	109	28020	52.90	ug/ml	90
51) Dibenzofuran	7.933	168	167302	45.14	ug/ml	100
52) 2,4-Dinitrotoluene	7.939	165	50203	47.61	ug/ml	100
53) DIETHYL PHTHALATE	8.337	149	155227	49.85	ug/ml	100
54) 4-Chlorophenyl phenyl ...	8.474	204	71550	47.23	ug/ml	97
55) Flourene	8.449	166	146556	45.94	ug/ml	100
56) 4-Nitroaniline	8.511	138	38528	49.32	ug/ml	98
58) 4,6-Dinitro-2-Methylph...	8.561	198	26608	45.05	ug/ml	99
59) N-Nitrosodiphenylamine	8.670	169	123751	63.27	ug/ml	99
60) 1,2-Diphenylhydrazine	8.726	77	147269	47.15	ug/ml	99
61) 4-Bromophenyl phenyl e...	9.276	248	43957	46.41	ug/ml	100
62) Hexachlorobenzene	9.350	284	50305	44.16	ug/ml	99
63) Pentachlorophenol	9.708	266	38394	54.59	ug/ml	99
64) Pentachloronitrobenzene	9.733	295	9553	51.07	ug/ml	98
65) Phenanthrene	10.053	178	238743	47.04	ug/ml	100
66) Anthracene	10.143	178	245858	48.52	ug/ml	100
67) Carbazole	10.463	167	238098	53.03	ug/ml	100
68) Di-N-Butyl Phthalate	11.252	149	306893	49.94	ug/ml	100
69) Flouranthene	12.241	202	283593	53.70	ug/ml	99
72) Benzidine	12.586	184	51663	26.08	ug/ml	99
73) Pyrene	12.654	202	296412	38.02	ug/ml	100
74) Butylbenzyl phthalate	14.109	149	150374	49.33	ug/ml	99
75) 3,3'-Dichlorobenzidine	15.010	252	66804	40.03	ug/ml	99
76) Benzo(a)anthracene	14.970	228	300965	48.77	ug/ml	99
77) Chrysene	15.035	228	274541	46.02	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	15.287	149	206016	52.80	ug/ml	100
80) Di-n-octylphthalate	16.459	149	343081	68.75	ug/ml	100
81) Benzo(b)fluoranthene	16.869	252	225100	49.35	ug/ml	100
82) Benzo(k)fluoranthene	16.922	252	221935	50.48	ug/ml	99
83) Benzo(a)pyrene	17.382	252	196446	48.46	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	19.159	276	145446	46.36	ug/ml	100
85) Dibenz(a,h)anthracene	19.215	278	147915	46.48	ug/ml	100
86) Benzo(g,h,i)perylene	19.623	276	156140	46.24	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

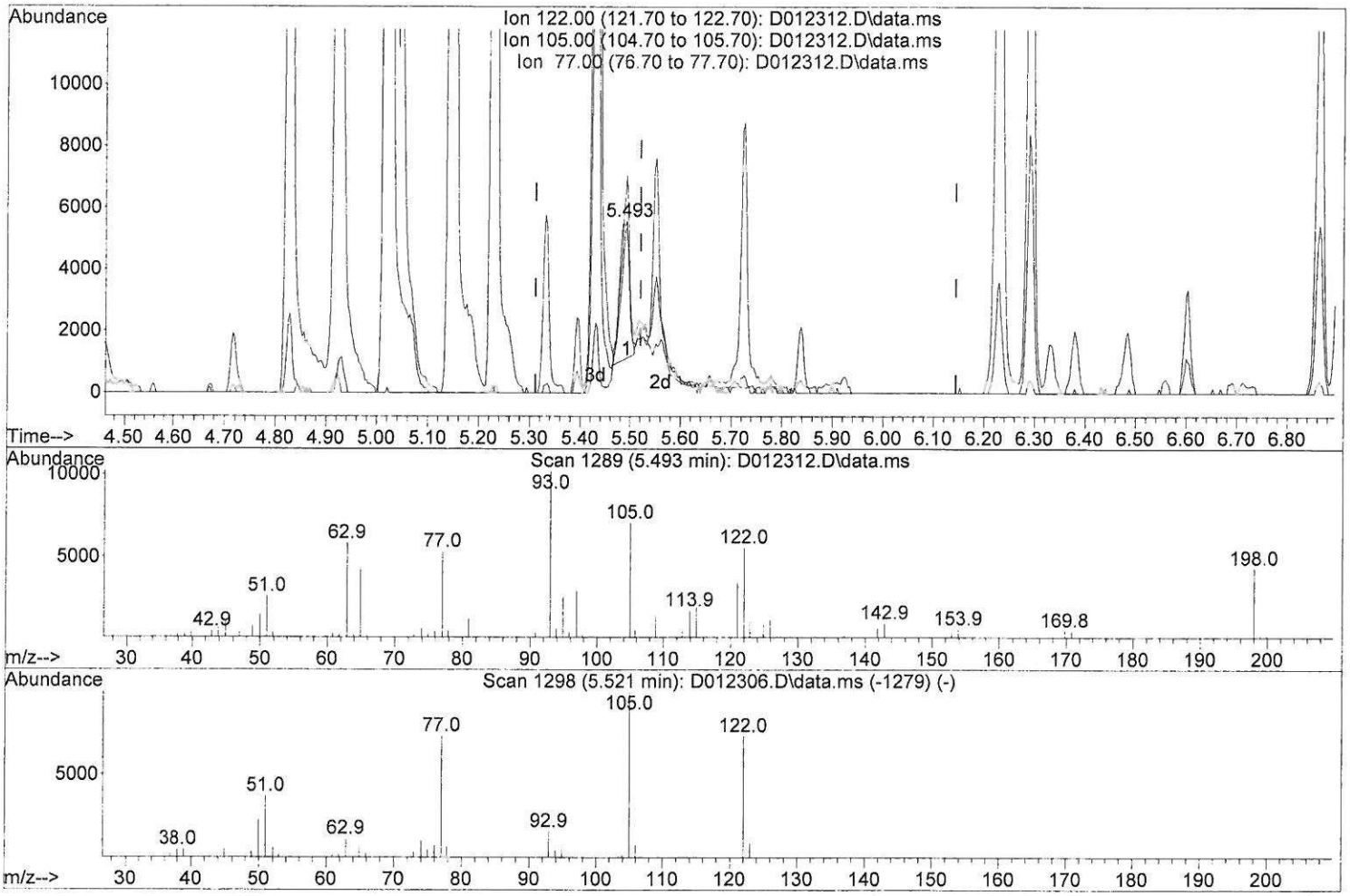
Quant Time: Jan 23 15:43:31 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 15:18:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration



TIC: D012312.D\data.ms

(26) Benzoic Acid

5.493min (-0.028) 9.17 ug/ml

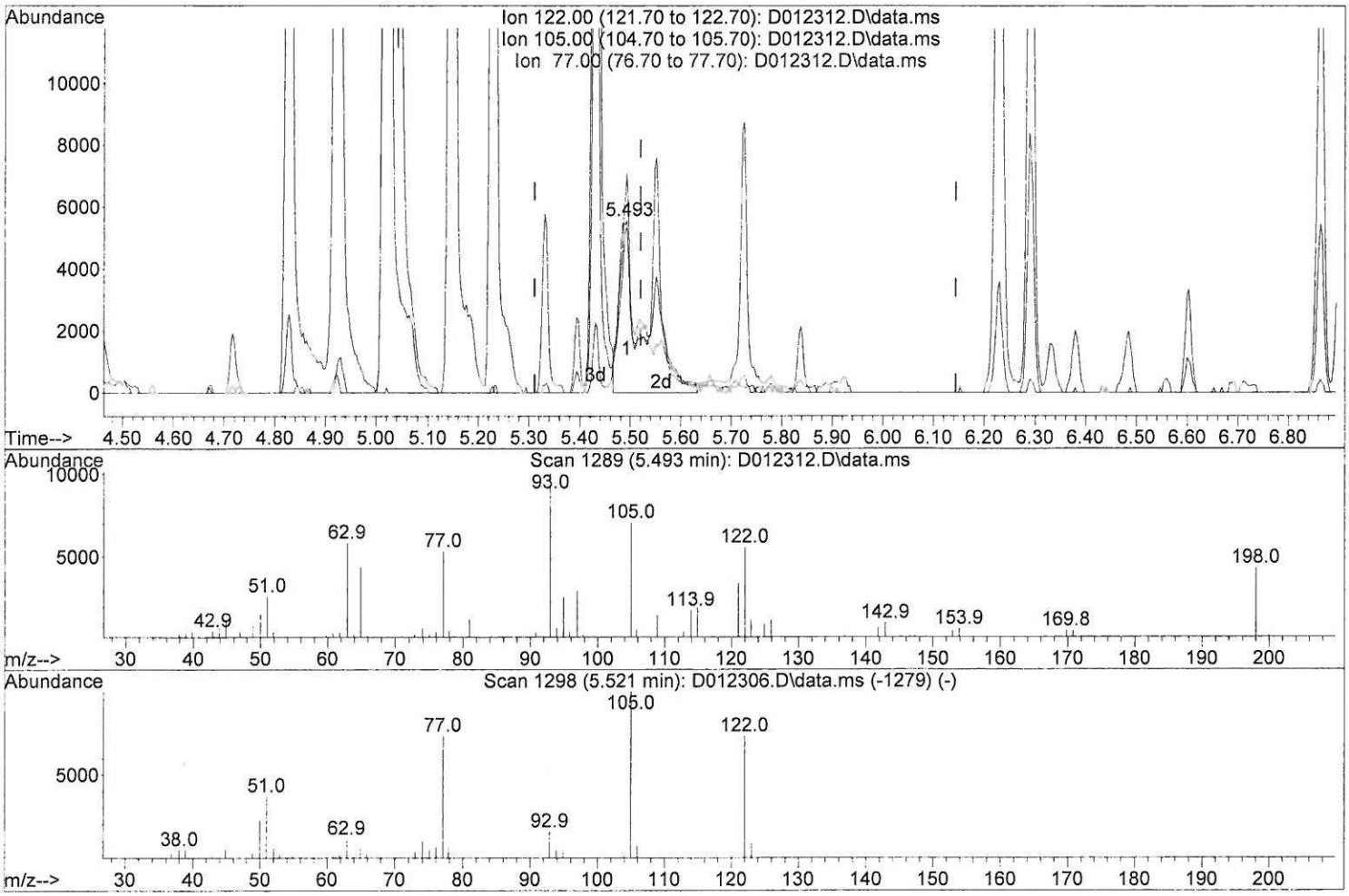
response 6293

Ion	Exp%	Act%
122.00	100	100
105.00	131.00	156.25
77.00	99.80	95.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 15:18:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration



TIC: D012312.D\data.ms

(26) Benzoic Acid

5.493min (-0.028) 23.93 ug/ml m

response 16429

Ion	Exp%	Act%
122.00	100	100
105.00	131.00	59.85#
77.00	99.80	36.63#
0.00	0.00	0.00

4

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSSV4	Calibration:	1200012
Lab File ID:	D020206.D	Calibration Date:	01/23/12 07:50
Sequence:	S001784	Injection Date:	02/02/12
Lab Sample ID:	S001784-CCV1	Injection Time:	10:59

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	50.0	52.1	1.016086	1.05957		4.3	20	
Acenaphthylene	A	50.0	52.3	1.708306	1.786595		4.6	20	
Acetophenone	A	50.0	49.6	1.036128	1.028538		-0.7	20	
Aniline	A	50.0	51.5	1.045746	1.077448		3.0	20	
Anthracene	A	50.0	52.2	0.9808138	1.023117		4.3	20	
Benzidine	A	100	130	0.3285745	0.4284708		30.4	20	*
Benzo(a)anthracene	A	50.0	52.8	1.023366	1.079769		5.5	20	
Benzo(a)pyrene	A	50.0	51.0	1.052832	1.074552		2.1	20	
Benzo(b)fluoranthene	A	50.0	50.7	1.18476	1.200498		1.3	20	
Benzo(g,h,i)perylene	A	50.0	55.9	0.8770137	0.9807084		11.8	20	
Benzo(k)fluoranthene	A	50.0	50.1	1.141915	1.144569		0.2	20	
Benzoic Acid	A	50.0	62.7	0.1816708	0.2278329		25.4	20	*
Bis(2-chloroethoxy)methane	A	50.0	52.6	0.3562676	0.3746268		5.2	20	
Bis(2-chloroethyl)ether	A	50.0	48.6	0.6630744	0.6447714		-2.8	20	
Bis(2-chloroisopropyl)ether	A	50.0	46.4	0.8590643	0.7967891		-7.2	20	
Bis(2-Ethylhexyl)phthalate	A	50.0	57.8	0.6471426	0.7476951		15.5	20	
4-Bromophenylphenylether	A	50.0	57.1	0.18333	0.2092426		14.1	20	
Butylbenzylphthalate	A	50.0	57.1	0.5054962	0.577685		14.3	20	
Carbazole	A	50.0	49.3	0.8690644	0.8570922		-1.4	20	
4-Chloroaniline	A	50.0	56.0	0.3935582	0.4409799		12.0	20	
4-Chloro-3-methylphenol	A	50.0	55.6	0.3176647	0.3531121		11.2	20	
2-Chloronaphthalene	A	50.0	54.0	1.195132	1.290803		8.0	20	
2-Chlorophenol	A	50.0	50.7	0.741341	0.7514783		1.4	20	
4-Chlorophenylphenylether	A	50.0	52.5	0.673274	0.7070378		5.0	20	
Chrysene	A	50.0	53.0	0.9894152	1.049423		6.1	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSSV4	Calibration:	1200012
Lab File ID:	D020206.D	Calibration Date:	01/23/12 07:50
Sequence:	S001784	Injection Date:	02/02/12
Lab Sample ID:	S001784-CCV1	Injection Time:	10:59

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Dibenz(a,h)anthracene	A	50.0	55.2	0.8265728	0.9124079		10.4	20	
Dibenzofuran	A	50.0	51.1	1.647287	1.682831		2.2	20	
Di-n-butylphthalate	A	50.0	48.1	1.189496	1.144203		-3.8	20	
1,2-Dichlorobenzene	A	50.0	50.5	0.8593469	0.8678179		1.0	20	
1,3-Dichlorobenzene	A	50.0	50.9	0.9058153	0.9216571		1.7	20	
1,4-Dichlorobenzene	A	50.0	50.2	0.9320484	0.9360449		0.4	20	
3,3-Dichlorobenzidine	A	100	120	0.2767825	0.3321404		20.0	20	
2,4-Dichlorophenol	A	50.0	52.7	0.3084938	0.3251705		5.4	20	
Diethylphthalate	A	50.0	54.8	1.383886	1.516881		9.6	20	
2,4-Dimethylphenol	A	50.0	53.6	0.2822329	0.3022582		7.1	20	
Dimethylphthalate	A	50.0	56.4	1.20661	1.361472		12.8	20	
4,6-Dinitro-2-methylphenol	L	50.0	60.5	0.1054721	0.1472676		21.0	20	*
2,4-Dinitrophenol	L	50.0	61.8	0.1470217	0.2205593		23.6	20	*
2,4-Dinitrotoluene	A	50.0	52.9	0.468677	0.4958751		5.8	20	
2,6-Dinitrotoluene	A	50.0	57.0	0.3037903	0.3461633		13.9	20	
Di-n-octylphthalate	A	50.0	56.2	1.296163	1.456689		12.4	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	50.0	54.7	0.6045649	0.6613582		9.4	20	
Fluoranthene	A	50.0	45.1	1.022246	0.9227455		-9.7	20	
Fluorene	A	50.0	50.6	1.417976	1.436043		1.3	20	
Hexachlorobenzene	A	50.0	55.7	0.2205258	0.2455802		11.4	20	
Hexachlorobutadiene	A	50.0	53.2	0.2213904	0.2353956		6.3	20	
Hexachlorocyclopentadiene	A	50.0	54.3	0.3242282	0.3519124		8.5	20	
Hexachloroethane	A	50.0	52.8	0.3647241	0.3853617		5.7	20	
Indeno(1,2,3-cd)pyrene	A	50.0	58.1	0.8148271	0.9468301		16.2	20	
Isophorone	A	50.0	53.1	0.6509668	0.6916597		6.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSSV4	Calibration:	1200012
Lab File ID:	D020206.D	Calibration Date:	01/23/12 07:50
Sequence:	S001784	Injection Date:	02/02/12
Lab Sample ID:	S001784-CCV1	Injection Time:	10:59

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1-Methylnaphthalene	A	50.0	52.4	0.6349624	0.6661066		4.9	20	
2-Methylnaphthalene	A	50.0	52.0	0.7252002	0.7536846		3.9	20	
2-Methylphenol	A	50.0	48.8	0.6600198	0.6435136		-2.5	20	
3/4-Methylphenol	A	100	100	0.7648486	0.7653701		0.07	20	
Naphthalene	A	50.0	50.4	0.9943327	1.003364		0.9	20	
2-Nitroaniline	A	50.0	55.1	0.3376537	0.3721746		10.2	20	
3-Nitroaniline	A	50.0	57.3	0.3209003	0.3679522		14.7	20	
4-Nitroaniline	A	50.0	52.1	0.3472303	0.3620754		4.3	20	
Nitrobenzene	A	50.0	49.8	0.3836382	0.3824699		-0.3	20	
2-Nitrophenol	A	50.0	57.0	0.1822205	0.2075615		13.9	20	
4-Nitrophenol	L	50.0	51.3	0.2209015	0.2406554		2.6	20	
N-Nitrosodimethylamine	A	50.0	43.8	0.3504712	0.3068168		-12.5	20	
N-Nitrosodiphenylamine	A	50.0	58.8	0.3786018	0.4450785		17.6	20	
N-Nitrosodi-n-propylamine	A	58.4	57.9	0.4672609	0.4619499		-1.1	20	
Pentachloronitrobenzene	A	50.0	55.7	3.620804E-02	4.035078E-02		11.4	20	
Pentachlorophenol	A	50.0	60.9	0.1361409	0.1657421		21.7	20	*
Phenanthrene	A	50.0	51.4	0.9824917	1.010659		2.9	20	
Phenol	A	50.0	48.8	0.9808553	0.9574374		-2.4	20	
Pyrene	A	50.0	59.9	1.293016	1.548356		19.7	20	
Pyridine	A	50.0	46.4	0.6287083	0.6236345		-0.8	20	
1,2,4,5-Tetrachlorobenzene	A	50.0	50.6	0.5509338	0.5577349		1.2	20	
1,2,4-Trichlorobenzene	A	50.0	51.3	0.3568908	0.3664098		2.7	20	
2,4,5-Trichlorophenol	A	50.0	52.1	0.3890181	0.4054872		4.2	20	
2,4,6-Trichlorophenol	A	50.0	54.1	0.3612706	0.3906865		8.1	20	
2-Fluorophenol	A	50.0	50.4	0.6608912	0.6663684		0.8		

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSSV4	Calibration:	1200012
Lab File ID:	D020206.D	Calibration Date:	01/23/12 07:50
Sequence:	S001784	Injection Date:	02/02/12
Lab Sample ID:	S001784-CCV1	Injection Time:	10:59

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Phenol-d6	A	50.0	49.7	0.8380514	0.8336942		-0.5	
Nitrobenzene-d5	A	50.0	50.4	0.3756518	0.3784268		0.7	
2-Fluorobiphenyl	A	50.0	49.8	1.108396	1.104879		-0.3	
2,4,6-Tribromophenol	A	50.0	55.3	0.2006818	0.2220668		10.7	
Terphenyl-d14	A	50.0	59.5	0.770947	0.9321994		20.9	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\020212\
Data File : D020206.D
Acq On : 2 Feb 2012 10:59 am
Operator : BGL
Sample : 8270STD 50 PPM 011912 IS Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 11:28:45 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Thu Feb 02 10:51:22 2012
Response via : Initial Calibration

mcf

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	78233	40.00	ug/ml	-0.05
19) NAPHTHALENE-d8	5.326	136	171157	40.00	ug/ml	-0.06
35) ACENAPHTHENE-D10	7.114	164	125238	40.00	ug/ml	-0.08
57) PHENANTHRENE-D10	9.382	188	260337	40.00	ug/ml	-0.10
70) CHRYSENE-D12	14.321	240	156146	40.00	ug/ml	-0.13
79) PERYLENE-D12	16.842	264	122084	40.00	ug/ml	-0.14
System Monitoring Compounds						
2) 2-Fluorophenol	3.272	112	65165	50.41	ug/ml	-0.06
Spiked Amount 200.000	Range 30 - 130		Recovery =	25.20%#		
3) Phenol-d6	4.124	99	81528	49.74	ug/ml	-0.05
Spiked Amount 200.000	Range 30 - 130		Recovery =	24.87%#		
20) Nitrobenzene-d5	4.795	82	80963	50.37	ug/ml	-0.05
Spiked Amount 100.000	Range 30 - 130		Recovery =	50.37%		
36) 2-Fluorobiphenyl	6.324	172	172966	49.84	ug/ml	-0.07
Spiked Amount 100.000	Range 30 - 130		Recovery =	49.84%		
37) 2,4,6-Tribromophenol	8.251	330	34764	55.33	ug/ml	-0.09
Spiked Amount 200.000	Range 30 - 130		Recovery =	27.66%#		
71) Terphenyl-d14	12.416	244	181949	59.46	ug/ml	-0.12
Spiked Amount 100.000	Range 30 - 130		Recovery =	59.46%		
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.208	42	30004	43.77	ug/ml	99
5) Pyridine	1.242	79	60986	46.39	ug/ml#	66
6) Aniline	4.120	93	105365	51.52	ug/ml#	60
7) Phenol	4.136	94	93629	48.81	ug/ml#	54
8) Bis(2-chloroethyl)ether	4.186	93	63053	48.62	ug/ml	96
9) 2-Chlorophenol	4.211	128	73488	50.68	ug/ml	100
10) 1,3-Dichlorobenzene	4.326	146	90130	50.87	ug/ml	100
11) 1,4-Dichlorobenzene	4.385	146	91537	50.21	ug/ml	100
12) 1,2-Dichlorobenzene	4.500	146	84865	50.49	ug/ml	100
13) 2- METHYLPHENOL	4.593	108	62930	48.75	ug/ml	98
14) Bis(2-Chloroisopropyl)...	4.599	45	77919	46.38	ug/ml	95
15) Acetophenone	4.689	105	100582	49.63	ug/ml#	64
16) 3/4- METHYLPHENOL	4.711	107	149693	100.07	ug/ml#	72
17) N-Nitroso-Di-N-Propyla...	4.699	70	52764	57.87	ug/ml	99
18) Hexachloroethane	4.751	117	37685	52.83	ug/ml	100
21) NITROBENZENE	4.810	77	81828	49.85	ug/ml	98
22) Isophorone	4.991	82	147978	53.13	ug/ml	99
23) 2-Nitrophenol	5.044	139	44407	56.95	ug/ml	98
24) 2,4-Dimethylphenol	5.090	122	64667	53.55	ug/ml	100
25) Bis(2-Chloroethoxy)met...	5.155	93	80150	52.58	ug/ml	98
26) Benzoic Acid	5.193	122	48744	62.70	ug/ml	97
27) 2,4-Dichlorophenol	5.227	162	69569	52.70	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.286	180	78392	51.33	ug/ml	100
29) Naphthalene	5.345	128	214666	50.45	ug/ml	100
30) 4-Chloroaniline	5.398	127	94346	56.02	ug/ml	97
31) Hexachlorobutadiene	5.451	225	50362	53.16	ug/ml	99
32) 4-Chloro-3-Methylphenol	5.821	107	75547	55.58	ug/ml	99
33) 2-MethylNaphthalene	5.945	142	161248	51.96	ug/ml	100
34) 1-Methylnaphthalene	6.038	142	142511	52.45	ug/ml	99
38) Hexachlorocyclopentadiene	6.103	237	55091	54.27	ug/ml	99
39) 1,2,4,5-Tetrachloroben...	6.113	216	87312	50.62	ug/ml	100

CHECKED BY: BRIAN LAGUEDO 2/7/12

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\020212\
Data File : D020206.D
Acq On : 2 Feb 2012 10:59 am
Operator : BGL
Sample : 8270STD 50 PPM 011912 IS Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 11:28:45 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Thu Feb 02 10:51:22 2012
Response via : Initial Calibration

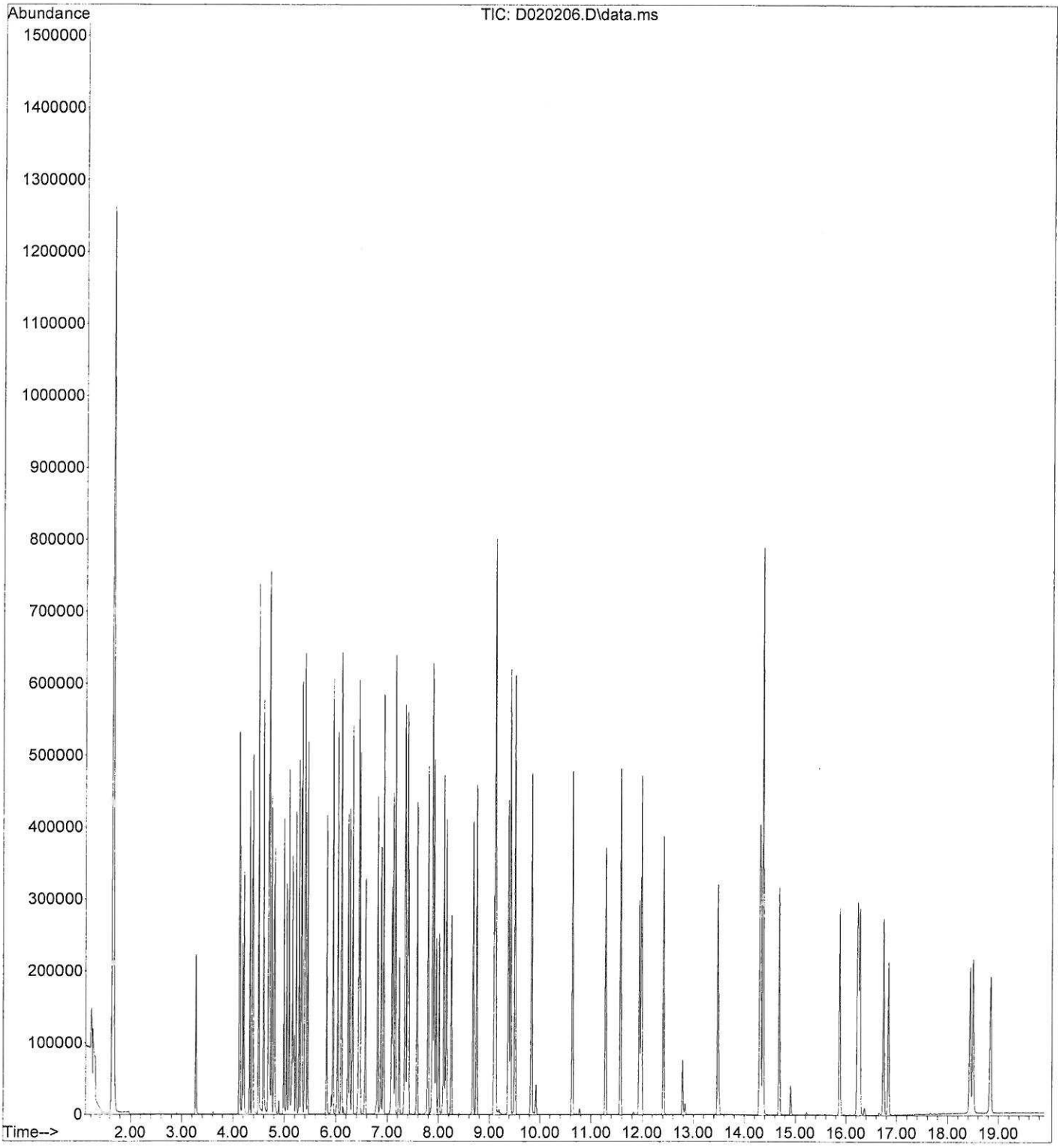
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.237	196	61161	54.07	ug/ml	99
41) 2,4,5-Trichlorophenol	6.271	196	63478	52.12	ug/ml	98
42) 2-ChloroNaphthalene	6.445	162	202072	54.00	ug/ml	100
43) 2-Nitroaniline	6.576	65	58263	55.11	ug/ml	98
44) DIMETHYL PHTHALATE	6.812	163	213135	56.42	ug/ml	100
45) 2,6-DinitroToluene	6.880	165	54191	56.97	ug/ml	99
46) Acenaphthylene	6.927	152	279687	52.29	ug/ml	100
47) 3-Nitroaniline	7.089	138	57602	57.33	ug/ml	99
48) Acenaphthene	7.157	154	165873	52.14	ug/ml	99
49) 2,4-Dinitrophenol	7.232	184	34528	61.80	ug/ml	98
50) 4-Nitrophenol	7.356	109	37674	51.30	ug/ml	94
51) Dibenzofuran	7.390	168	263443	51.08	ug/ml	97
52) 2,4-Dinitrotoluene	7.415	165	77628	52.90	ug/ml#	87
53) DIETHYL PHTHALATE	7.794	149	237464	54.81	ug/ml	99
54) 4-Chlorophenyl phenyl ...	7.912	204	110685	52.51	ug/ml	99
55) Flourene	7.881	166	224809	50.64	ug/ml	100
56) 4-Nitroaniline	7.956	138	56682	52.14	ug/ml	92
58) 4,6-Dinitro-2-Methylph...	8.012	198	47924	60.49	ug/ml	98
59) N-Nitrosodiphenylamine	8.105	169	144838	58.78	ug/ml	100
60) 1,2-Diphenylhydrazine	8.155	77	215220	54.70	ug/ml	98
61) 4-Bromophenyl phenyl e...	8.680	248	68092	57.07	ug/ml	98
62) Hexachlorobenzene	8.748	284	79917	55.68	ug/ml	98
63) Pentachlorophenol	9.100	266	53936	60.87	ug/ml	98
64) Pentachloronitrobenzene	9.124	295	13131	55.72	ug/ml	94
65) Phenanthrene	9.426	178	328890	51.43	ug/ml	100
66) Anthracene	9.513	178	332944	52.16	ug/ml	100
67) Carbazole	9.839	167	278916	49.31	ug/ml	99
68) Di-N-Butyl Phthalate	10.638	149	372348	48.10	ug/ml	100
69) Flouranthene	11.580	202	300281	45.13	ug/ml	100
72) Benzidine	11.944	184	167260	130.40	ug/ml	99
73) Pyrene	11.984	202	302212	59.87	ug/ml	100
74) Butylbenzyl phthalate	13.479	149	112754	57.14	ug/ml	100
75) 3,3'-Dichlorobenzidine	14.368	252	129656	120.00	ug/ml	99
76) Benzo(a)anthracene	14.303	228	210752	52.76	ug/ml	100
77) Chrysene	14.368	228	204829	53.03	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	14.685	149	145937	57.77	ug/ml	99
80) Di-n-octylphthalate	15.875	149	222298	56.19	ug/ml	100
81) Benzo(b)fluoranthene	16.230	252	183202	50.66	ug/ml	99
82) Benzo(k)fluoranthene	16.282	252	174667	50.12	ug/ml	98
83) Benzo(a)pyrene	16.749	252	163982	51.03	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	18.443	276	144491	58.10	ug/ml	99
85) Dibenz(a,h)anthracene	18.502	278	139238	55.19	ug/ml	99
86) Benzo(g,h,i)perylene	18.850	276	149661	55.91	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\020212\
Data File : D020206.D
Acq On : 2 Feb 2012 10:59 am
Operator : BGL
Sample : 8270STD 50 PPM 011912 IS Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 11:28:45 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Thu Feb 02 10:51:22 2012
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001784	Instrument:	GCMSSV4
		Calibration:	1200012

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001784-CCV1)			*Lab File ID: D020206.D*			*Analyzed: 02/02/12 10:59*			
1,4-Dichlorobenzene-d4	78233	4.372	65603	4.716	119	50 - 200	-0.3440	+/-0.50	
Naphthalene-d8	171157	5.326	152418	5.705	112	50 - 200	-0.3790	+/-0.50	
Acenaphthene-d10	125238	7.114	99370	7.638	126	50 - 200	-0.5240	+/-0.50	
Phenanthrene-d10	260337	9.382	224461	10.006	116	50 - 200	-0.6240	+/-0.50	
Chrysene-d12	156146	14.321	205503	14.982	76	50 - 200	-0.6610	+/-0.50	
Perylene-d12	122084	16.842	149939	17.475	81	50 - 200	-0.6330	+/-0.50	
Blank (B045341-BLK1)			*Lab File ID: D020207.D*			*Analyzed: 02/02/12 11:30*			
1,4-Dichlorobenzene-d4	65241	4.372	78233	4.372	83	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	146113	5.323	171157	5.326	85	50 - 200	-0.0030	+/-0.50	
Acenaphthene-d10	87815	7.107	125238	7.114	70	50 - 200	-0.0070	+/-0.50	
Phenanthrene-d10	184462	9.373	260337	9.382	71	50 - 200	-0.0090	+/-0.50	
Chrysene-d12	221829	14.312	156146	14.321	142	50 - 200	-0.0090	+/-0.50	
Perylene-d12	141227	16.833	122084	16.842	116	50 - 200	-0.0090	+/-0.50	
LCS (B045341-BS1)			*Lab File ID: D020208.D*			*Analyzed: 02/02/12 11:56*			
1,4-Dichlorobenzene-d4	71227	4.372	78233	4.372	91	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	145136	5.326	171157	5.326	85	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	102932	7.11	125238	7.114	82	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	232854	9.379	260337	9.382	89	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	142567	14.306	156146	14.321	91	50 - 200	-0.0150	+/-0.50	
Perylene-d12	104238	16.82	122084	16.842	85	50 - 200	-0.0220	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001784	Instrument:	GCMSSV4
		Calibration:	1200012

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS Dup (B045341-BSD1)			*Lab File ID: D020209.D*			*Analyzed: 02/02/12 12:23*			
1,4-Dichlorobenzene-d4	74257	4.372	78233	4.372	95	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	154047	5.326	171157	5.326	90	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	96605	7.111	125238	7.114	77	50 - 200	-0.0030	+/-0.50	
Phenanthrene-d10	215872	9.379	260337	9.382	83	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	130265	14.306	156146	14.321	83	50 - 200	-0.0150	+/-0.50	
Perylene-d12	89140	16.817	122084	16.842	73	50 - 200	-0.0250	+/-0.50	
Matrix Spike (B045341-MS1)			*Lab File ID: D020210.D*			*Analyzed: 02/02/12 12:49*			
1,4-Dichlorobenzene-d4	75057	4.372	78233	4.372	96	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	150370	5.326	171157	5.326	88	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	92516	7.11	125238	7.114	74	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	219826	9.376	260337	9.382	84	50 - 200	-0.0060	+/-0.50	
Chrysene-d12	145469	14.296	156146	14.321	93	50 - 200	-0.0250	+/-0.50	
Perylene-d12	98616	16.808	122084	16.842	81	50 - 200	-0.0340	+/-0.50	
Matrix Spike Dup (B045341-MSD1)			*Lab File ID: D020211a.D*			*Analyzed: 02/02/12 14:35*			
1,4-Dichlorobenzene-d4	54950	4.369	78233	4.372	70	50 - 200	-0.0030	+/-0.50	
Naphthalene-d8	131971	5.323	171157	5.326	77	50 - 200	-0.0030	+/-0.50	
Acenaphthene-d10	91084	7.11	125238	7.114	73	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	176411	9.379	260337	9.382	68	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	134638	14.303	156146	14.321	86	50 - 200	-0.0180	+/-0.50	
Perylene-d12	147498	16.814	122084	16.842	121	50 - 200	-0.0280	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001784	Instrument:	GCMSSV4
		Calibration:	1200012

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FPC-SB02 (12A0882-02)			*Lab File ID: D020214.D*			*Analyzed: 02/02/12 15:28*			
1,4-Dichlorobenzene-d4	55735	4.372	78233	4.372	71	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	164484	5.323	171157	5.326	96	50 - 200	-0.0030	+/-0.50	
Acenaphthene-d10	123374	7.11	125238	7.114	99	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	158995	9.379	260337	9.382	61	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	189104	14.299	156146	14.321	121	50 - 200	-0.0220	+/-0.50	
Perylene-d12	123109	16.82	122084	16.842	101	50 - 200	-0.0220	+/-0.50	
FPC-SB02/D (12A0882-03)			*Lab File ID: D020215.D*			*Analyzed: 02/02/12 15:54*			
1,4-Dichlorobenzene-d4	60955	4.372	78233	4.372	78	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	169489	5.326	171157	5.326	99	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	120649	7.11	125238	7.114	96	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	170902	9.379	260337	9.382	66	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	242459	14.309	156146	14.321	155	50 - 200	-0.0120	+/-0.50	
Perylene-d12	146361	16.823	122084	16.842	120	50 - 200	-0.0190	+/-0.50	
FPC-SB03 (12A0882-04)			*Lab File ID: D020216.D*			*Analyzed: 02/02/12 16:20*			
1,4-Dichlorobenzene-d4	47325	4.372	78233	4.372	60	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	123278	5.323	171157	5.326	72	50 - 200	-0.0030	+/-0.50	
Acenaphthene-d10	86005	7.11	125238	7.114	69	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	149271	9.379	260337	9.382	57	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	183169	14.299	156146	14.321	117	50 - 200	-0.0220	+/-0.50	
Perylene-d12	129517	16.814	122084	16.842	106	50 - 200	-0.0280	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001784	Instrument:	GCMSSV4
		Calibration:	1200012

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FPC-SB01 (12A0882-01)			*Lab File ID: D020218.D*			*Analyzed: 02/02/12 16:50*			
1,4-Dichlorobenzene-d4	67504	4.372	78233	4.372	86	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	182728	5.326	171157	5.326	107	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	109622	7.114	125238	7.114	88	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	165473	9.382	260337	9.382	64	50 - 200	0.0000	+/-0.50	
Chrysene-d12	234075	14.312	156146	14.321	150	50 - 200	-0.0090	+/-0.50	
Perylene-d12	121766	16.833	122084	16.842	100	50 - 200	-0.0090	+/-0.50	

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QC DATA

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BLK1	File ID:	D020207.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:30
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
83-32-9	Acenaphthene		0.080	0.17	
208-96-8	Acenaphthylene		0.080	0.17	
98-86-2	Acetophenone		0.12	0.34	
62-53-3	Aniline		0.11	0.34	
120-12-7	Anthracene		0.080	0.17	
92-87-5	Benzidine		0.080	0.34	L-04, V-20
56-55-3	Benzo(a)anthracene		0.080	0.17	
50-32-8	Benzo(a)pyrene		0.090	0.17	
205-99-2	Benzo(b)fluoranthene		0.090	0.17	
191-24-2	Benzo(g,h,i)perylene		0.070	0.17	
207-08-9	Benzo(k)fluoranthene		0.10	0.17	
65-85-0	Benzoic Acid		0.15	1.0	L-04, V-20
111-91-1	Bis(2-chloroethoxy)methane		0.090	0.34	
111-44-4	Bis(2-chloroethyl)ether		0.10	0.34	
39638-32-9	Bis(2-chloroisopropyl)ether		0.10	0.34	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.10	0.34	
101-55-3	4-Bromophenylphenylether		0.070	0.34	
85-68-7	Butylbenzylphthalate		0.11	0.66	
86-74-8	Carbazole		0.080	0.17	
106-47-8	4-Chloroaniline		0.090	0.66	
59-50-7	4-Chloro-3-methylphenol		0.10	0.66	
91-58-7	2-Chloronaphthalene		0.070	0.34	
95-57-8	2-Chlorophenol		0.090	0.34	
7005-72-3	4-Chlorophenylphenylether		0.12	0.34	
218-01-9	Chrysene		0.080	0.17	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BLK1	File ID:	D020207.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:30
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.070	0.17	
132-64-9	Dibenzofuran		0.080	0.34	
84-74-2	Di-n-butylphthalate		0.080	0.34	
95-50-1	1,2-Dichlorobenzene		0.080	0.34	
541-73-1	1,3-Dichlorobenzene		0.080	0.34	
106-46-7	1,4-Dichlorobenzene		0.080	0.34	
91-94-1	3,3-Dichlorobenzidine		0.060	0.17	
120-83-2	2,4-Dichlorophenol		0.080	0.34	
84-66-2	Diethylphthalate		0.10	0.34	
105-67-9	2,4-Dimethylphenol		0.070	0.34	
131-11-3	Dimethylphthalate		0.10	0.66	
534-52-1	4,6-Dinitro-2-methylphenol		0.040	0.34	V-20
51-28-5	2,4-Dinitrophenol		0.040	0.66	V-20
121-14-2	2,4-Dinitrotoluene		0.11	0.34	
606-20-2	2,6-Dinitrotoluene		0.11	0.34	
117-84-0	Di-n-octylphthalate		0.13	0.66	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.080	0.34	
206-44-0	Fluoranthene		0.070	0.17	
86-73-7	Fluorene		0.090	0.17	
118-74-1	Hexachlorobenzene		0.080	0.34	
87-68-3	Hexachlorobutadiene		0.060	0.34	
77-47-4	Hexachlorocyclopentadiene		0.060	0.66	
67-72-1	Hexachloroethane		0.080	0.34	
193-39-5	Indeno(1,2,3-cd)pyrene		0.070	0.17	
78-59-1	Isophorone		0.10	0.34	
90-12-0	1-Methylnaphthalene		0.10	0.17	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BLK1	File ID:	D020207.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:30
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
91-57-6	2-Methylnaphthalene		0.10	0.17	
95-48-7	2-Methylphenol		0.13	0.34	
108-39-4/106-44-5	3/4-Methylphenol		0.16	0.34	
91-20-3	Naphthalene		0.070	0.17	
88-74-4	2-Nitroaniline		0.10	0.34	
99-09-2	3-Nitroaniline		0.10	0.34	
100-01-6	4-Nitroaniline		0.12	0.34	
98-95-3	Nitrobenzene		0.070	0.34	
88-75-5	2-Nitrophenol		0.050	0.34	
100-02-7	4-Nitrophenol		0.040	0.66	
62-75-9	N-Nitrosodimethylamine		0.060	0.34	
86-30-6	N-Nitrosodiphenylamine		0.11	0.34	
621-64-7	N-Nitrosodi-n-propylamine		0.13	0.34	
82-68-8	Pentachloronitrobenzene		0.11	0.34	
87-86-5	Pentachlorophenol		0.060	0.34	V-20
85-01-8	Phenanthrene		0.080	0.17	
108-95-2	Phenol		0.090	0.34	
129-00-0	Pyrene		0.10	0.17	
110-86-1	Pyridine		0.080	0.34	
95-94-3	1,2,4,5-Tetrachlorobenzene		0.070	0.34	
120-82-1	1,2,4-Trichlorobenzene		0.060	0.34	
95-95-4	2,4,5-Trichlorophenol		0.10	0.34	
88-06-2	2,4,6-Trichlorophenol		0.070	0.34	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 09:15:18 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

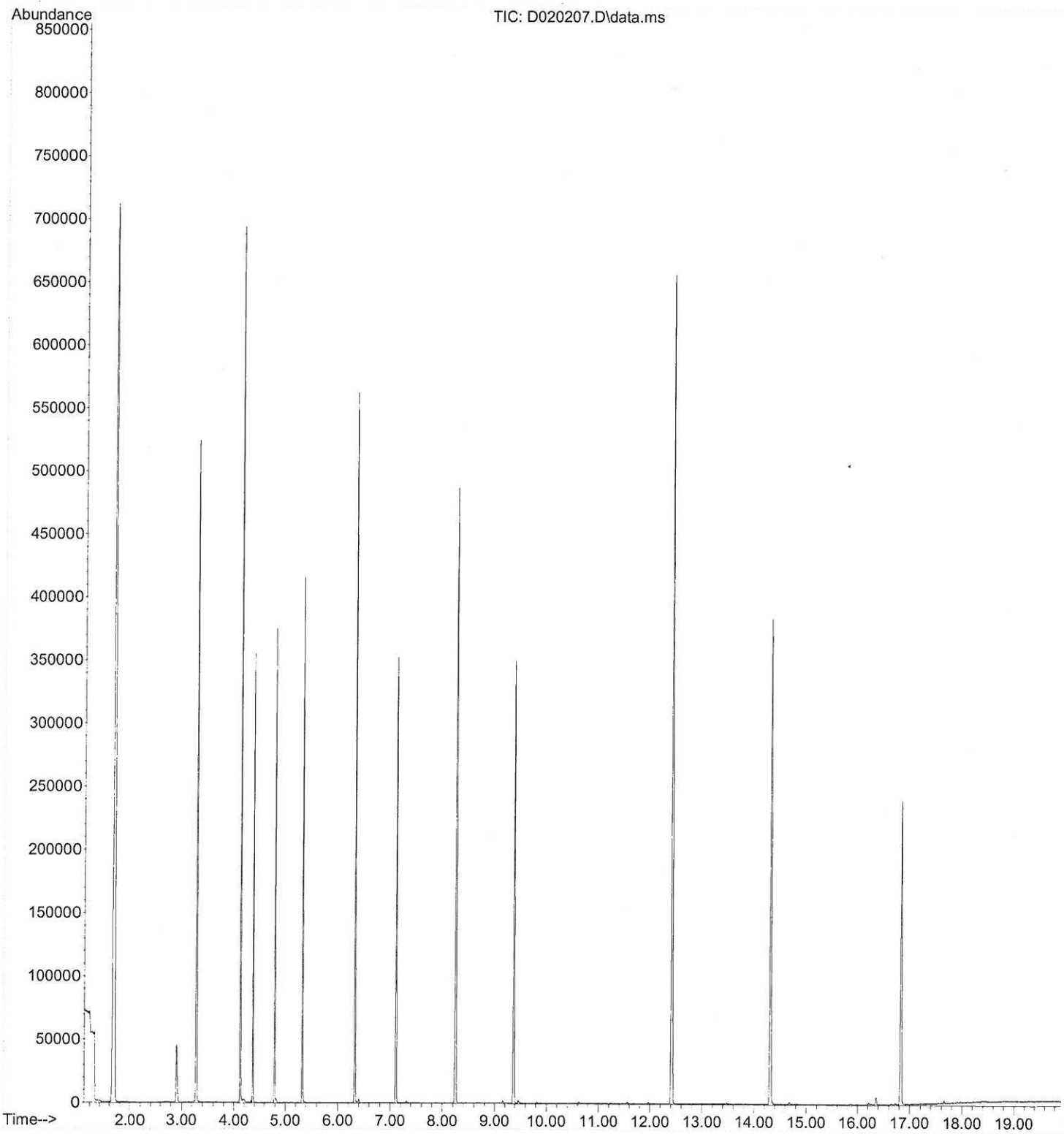
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	65241	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.323	136	146113	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.107	164	87815	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.373	188	184462	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.312	240	221829	40.00	ug/ml	0.00
79) PERYLENE-D12	16.833	264	141227	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	3.281	112	145398	134.89	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 67.44%			
3) Phenol-d6	4.127	99	187024	136.83	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 68.42%			
20) Nitrobenzene-d5	4.792	82	88087	64.19	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 64.19%			
36) 2-Fluorobiphenyl	6.321	172	168220	69.13	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 69.13%			
37) 2,4,6-Tribromophenol	8.248	330	64339	146.04	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 73.02%			
71) Terphenyl-d14	12.422	244	315777	72.64	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 72.64%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.199	42	1237	2.16	ug/ml#	1
17) N-Nitroso-Di-N-Propyla...	4.792	70	12299	16.18	ug/ml#	76

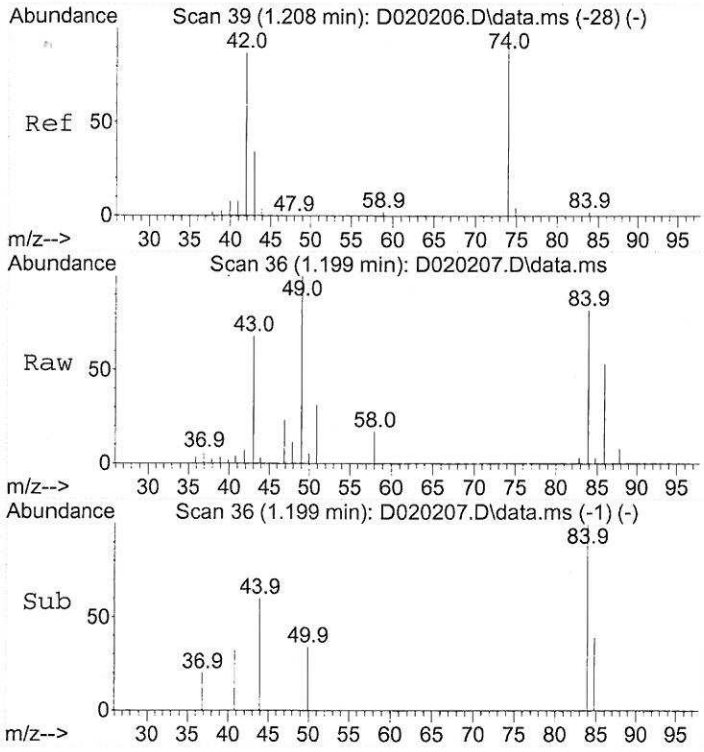
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 09:15:18 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

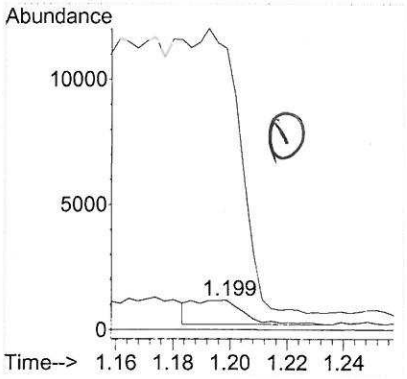


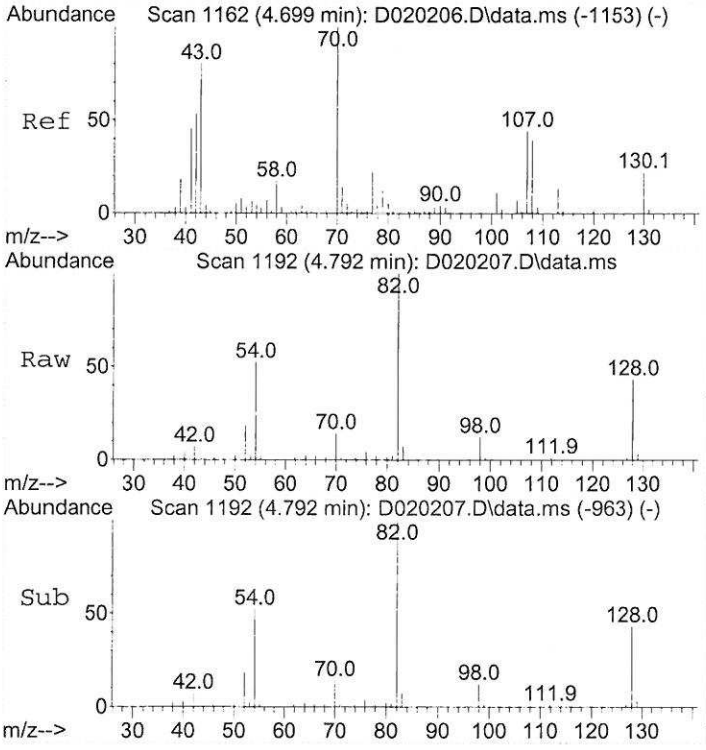


#4
N-Nitrosodimethylamine
Concen: 2.16 ug/ml
RT: 1.199 min Scan# 36
Delta R.T. -0.009 min
Lab File: D020207.D
Acq: 2 Feb 2012 11:30 am

Tgt Ion: 42 Resp: 1237

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.4	144.6#
43	919.0	34.2	51.4#

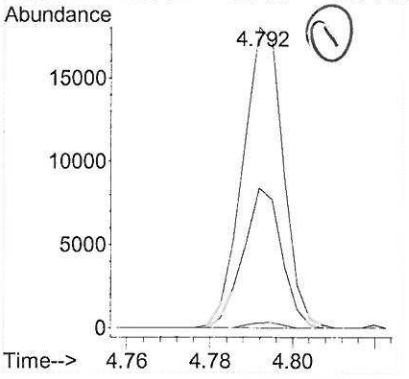




#17
N-Nitroso-Di-N-Propylamine
Concen: 16.18 ug/ml
RT: 4.792 min Scan# 1192
Delta R.T. 0.093 min
Lab File: D020207.D
Acq: 2 Feb 2012 11:30 am

Tgt Ion: 70 Resp: 12299

Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.4	66.6#
101	0.0	8.2	12.4#
130	1.5	18.0	27.0#



Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.681	256.7	ug/ml	1579280	1	4.372	246136	40.0
2-Pentanone, 4-...	2.899	10.6	ug/ml	65064	1	4.372	246136	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020207.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.681	172	191	215	rVB	711620	1579278	100.00%	22.347%
2	2.899	576	583	601	rVB2	45367	65064	4.12%	0.921%
3	3.281	698	706	719	rBV	523874	496291	31.43%	7.023%
4	4.127	971	978	990	rBV	693985	515793	32.66%	7.299%
5	4.372	1051	1057	1071	rBV	354996	246136	15.59%	3.483%
6	4.792	1187	1192	1200	rBV	375170	256207	16.22%	3.625%
7	5.323	1358	1363	1377	rBV	415220	295793	18.73%	4.186%
8	6.321	1677	1684	1699	rBV	562482	478838	30.32%	6.776%
9	7.107	1929	1937	1945	rBV	352692	341009	21.59%	4.825%
10	8.248	2294	2304	2320	rBV	487228	544675	34.49%	7.707%
11	9.373	2654	2666	2681	rBV	350013	431206	27.30%	6.102%
12	12.422	3633	3647	3659	rBV2	656592	911598	57.72%	12.899%
13	14.312	4240	4255	4266	rBV	383963	551834	34.94%	7.809%
14	16.833	5051	5066	5084	rBV	240374	353345	22.37%	5.000%

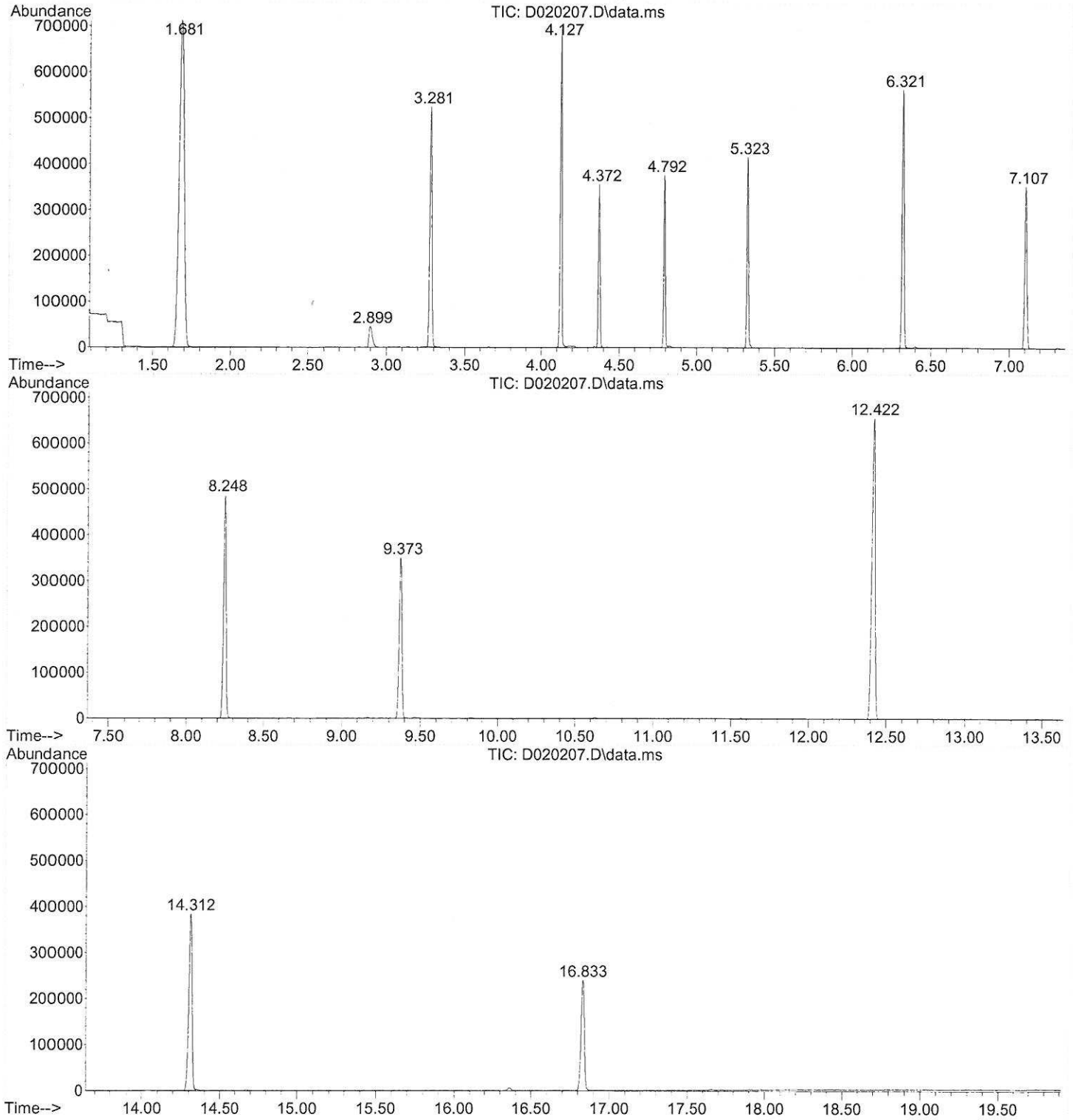
Sum of corrected areas: 7067067

LSC Report - Integrated Chromatogram

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p



Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

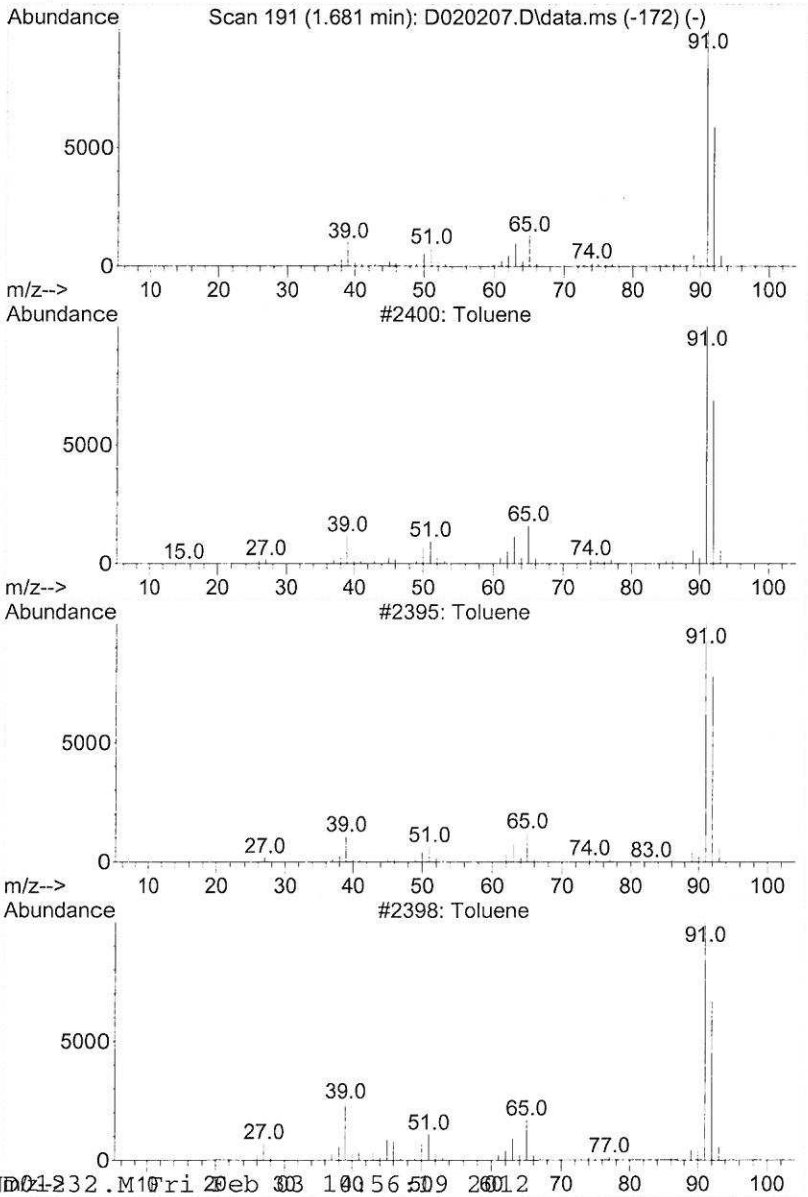
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

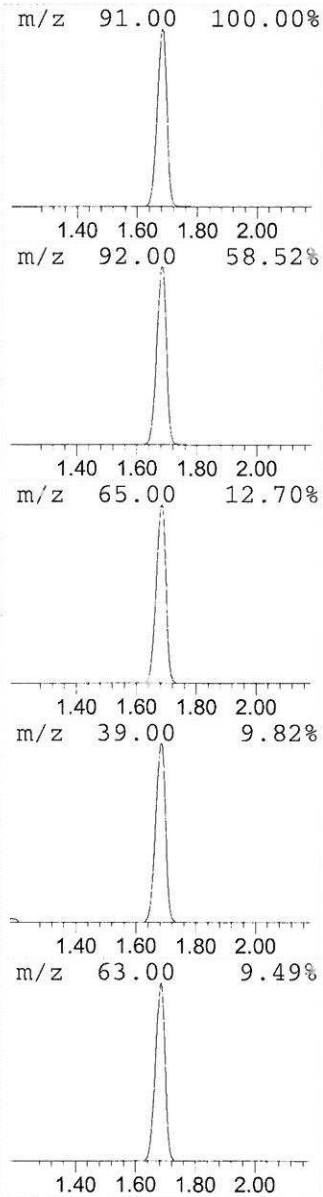
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.681	256.65 ug/ml	1579280	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

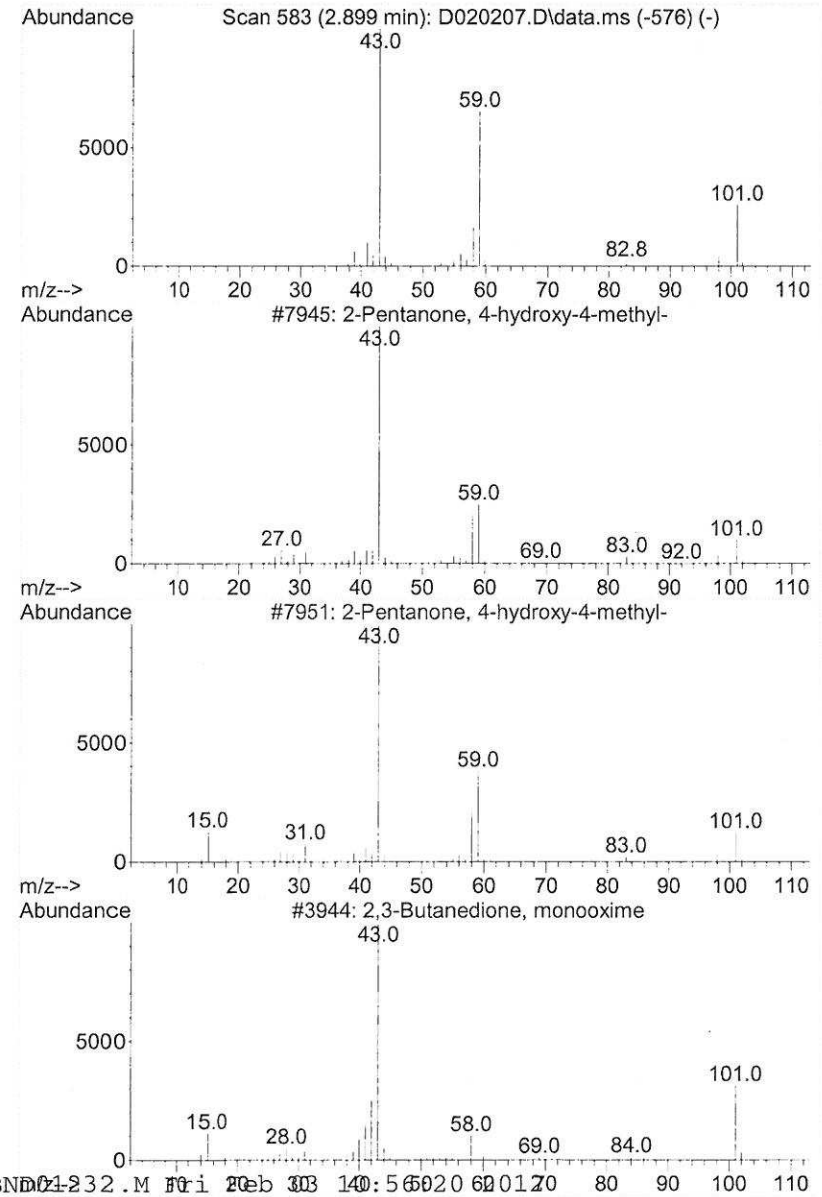
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

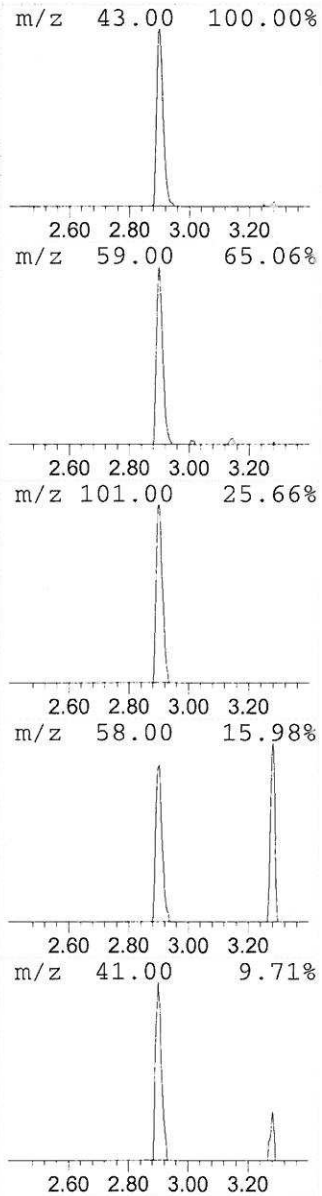
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.899	10.57 ug/ml	65064	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25





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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BS1	File ID:	D020208.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:56
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
83-32-9	Acenaphthene	1.34	0.080	0.17	
208-96-8	Acenaphthylene	1.32	0.080	0.17	
98-86-2	Acetophenone	1.17	0.12	0.34	
62-53-3	Aniline	0.622	0.11	0.34	
120-12-7	Anthracene	1.49	0.080	0.17	
92-87-5	Benzidine	0.551	0.080	0.34	L-04, V-06
56-55-3	Benzo(a)anthracene	1.50	0.080	0.17	
50-32-8	Benzo(a)pyrene	1.44	0.090	0.17	
205-99-2	Benzo(b)fluoranthene	1.42	0.090	0.17	
191-24-2	Benzo(g,h,i)perylene	1.50	0.070	0.17	
207-08-9	Benzo(k)fluoranthene	1.38	0.10	0.17	
65-85-0	Benzoic Acid		0.15	1.0	L-04, V-06
111-91-1	Bis(2-chloroethoxy)methane	1.35	0.090	0.34	
111-44-4	Bis(2-chloroethyl)ether	1.23	0.10	0.34	
39638-32-9	Bis(2-chloroisopropyl)ether	1.12	0.10	0.34	
117-81-7	Bis(2-Ethylhexyl)phthalate	1.85	0.10	0.34	
101-55-3	4-Bromophenylphenylether	1.54	0.070	0.34	
85-68-7	Butylbenzylphthalate	1.83	0.11	0.66	
86-74-8	Carbazole	1.52	0.080	0.17	
106-47-8	4-Chloroaniline	0.672	0.090	0.66	
59-50-7	4-Chloro-3-methylphenol	1.51	0.10	0.66	
91-58-7	2-Chloronaphthalene	1.17	0.070	0.34	
95-57-8	2-Chlorophenol	1.17	0.090	0.34	
7005-72-3	4-Chlorophenylphenylether	1.44	0.12	0.34	
218-01-9	Chrysene	1.43	0.080	0.17	
53-70-3	Dibenz(a,h)anthracene	1.51	0.070	0.17	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BS1	File ID:	D020208.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:56
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
132-64-9	Dibenzofuran	1.34	0.080	0.34	
84-74-2	Di-n-butylphthalate	1.55	0.080	0.34	
95-50-1	1,2-Dichlorobenzene	1.14	0.080	0.34	
541-73-1	1,3-Dichlorobenzene	1.12	0.080	0.34	
106-46-7	1,4-Dichlorobenzene	1.12	0.080	0.34	
91-94-1	3,3-Dichlorobenzidine	1.17	0.060	0.17	
120-83-2	2,4-Dichlorophenol	1.35	0.080	0.34	
84-66-2	Diethylphthalate	1.60	0.10	0.34	
105-67-9	2,4-Dimethylphenol	1.40	0.070	0.34	
131-11-3	Dimethylphthalate	1.58	0.10	0.66	
534-52-1	4,6-Dinitro-2-methylphenol	1.58	0.040	0.34	V-06
51-28-5	2,4-Dinitrophenol	1.49	0.040	0.66	V-06
121-14-2	2,4-Dinitrotoluene	1.51	0.11	0.34	
606-20-2	2,6-Dinitrotoluene	1.57	0.11	0.34	
117-84-0	Di-n-octylphthalate	1.74	0.13	0.66	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	1.41	0.080	0.34	
206-44-0	Fluoranthene	1.48	0.070	0.17	
86-73-7	Fluorene	1.38	0.090	0.17	
118-74-1	Hexachlorobenzene	1.44	0.080	0.34	
87-68-3	Hexachlorobutadiene	1.28	0.060	0.34	
77-47-4	Hexachlorocyclopentadiene	1.27	0.060	0.66	
67-72-1	Hexachloroethane	1.19	0.080	0.34	
193-39-5	Indeno(1,2,3-cd)pyrene	1.56	0.070	0.17	
78-59-1	Isophorone	1.34	0.10	0.34	
90-12-0	1-Methylnaphthalene	1.34	0.10	0.17	
91-57-6	2-Methylnaphthalene	1.21	0.10	0.17	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BS1	File ID:	D020208.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:56
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
95-48-7	2-Methylphenol	1.25	0.13	0.34	
108-39-4/106-44-5	3/4-Methylphenol	1.64	0.16	0.34	
91-20-3	Naphthalene	1.21	0.070	0.17	
88-74-4	2-Nitroaniline	1.41	0.10	0.34	
99-09-2	3-Nitroaniline	1.20	0.10	0.34	
100-01-6	4-Nitroaniline	1.40	0.12	0.34	
98-95-3	Nitrobenzene	1.24	0.070	0.34	
88-75-5	2-Nitrophenol	1.37	0.050	0.34	
100-02-7	4-Nitrophenol	1.63	0.040	0.66	
62-75-9	N-Nitrosodimethylamine	1.11	0.060	0.34	
86-30-6	N-Nitrosodiphenylamine	2.04	0.11	0.34	
621-64-7	N-Nitrosodi-n-propylamine	1.39	0.13	0.34	
82-68-8	Pentachloronitrobenzene	1.68	0.11	0.34	
87-86-5	Pentachlorophenol	1.69	0.060	0.34	V-06
85-01-8	Phenanthrene	1.46	0.080	0.17	
108-95-2	Phenol	1.16	0.090	0.34	
129-00-0	Pyrene	1.90	0.10	0.17	
110-86-1	Pyridine	0.893	0.080	0.34	
95-94-3	1,2,4,5-Tetrachlorobenzene	1.28	0.070	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.29	0.060	0.34	
95-95-4	2,4,5-Trichlorophenol	1.45	0.10	0.34	
88-06-2	2,4,6-Trichlorophenol	1.51	0.070	0.34	

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 09:31:49 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

CA 2/3/12

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	71227	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	145136	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	102932	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	232854	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.306	240	142567	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.820	264	104238	40.00	ug/ml	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol	3.284	112	169756	144.25	ug/ml	0.01
Spiked Amount 200.000	Range 30 - 130		Recovery = 72.13%			
3) Phenol-d6	4.130	99	217853	145.99	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 73.00%			
20) Nitrobenzene-d5	4.795	82	106158	77.88	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 77.88%			
36) 2-Fluorobiphenyl	6.324	172	228880	80.25	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 80.25%			
37) 2,4,6-Tribromophenol	8.257	330	114306	221.35	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 110.67%			
71) Terphenyl-d14	12.416	244	340386	121.84	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 121.84%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.239	42	20845m	33.40	ug/ml	
5) Pyridine	1.286	79	32056	26.78	ug/ml#	59
6) Aniline	4.120	93	34760	18.67	ug/ml#	44
7) Phenol	4.139	94	60952	34.90	ug/ml	92
8) Bis(2-chloroethyl)ether	4.189	93	43575	36.91	ug/ml	97
9) 2-Chlorophenol	4.214	128	46335	35.10	ug/ml	100
10) 1,3-Dichlorobenzene	4.325	146	54275	33.65	ug/ml	100
11) 1,4-Dichlorobenzene	4.385	146	55620	33.51	ug/ml	100
12) 1,2-Dichlorobenzene	4.500	146	52397	34.24	ug/ml	99
13) 2- METHYLPHENOL	4.596	108	43906	37.36	ug/ml	97
14) Bis(2-Chloroisopropyl)...	4.596	45	51456	33.64	ug/ml	94
15) Acetophenone	4.686	105	64897	35.17	ug/ml#	64
16) 3/4- METHYLPHENOL	4.711	107	66913	49.13	ug/ml#	59
17) N-Nitroso-Di-N-Propyla...	4.698	70	34549	41.62	ug/ml#	88
18) Hexachloroethane	4.751	117	23110	35.58	ug/ml	99
21) NITROBENZENE	4.810	77	51681	37.13	ug/ml	98
22) Isophorone	4.987	82	94758	40.12	ug/ml	100
23) 2-Nitrophenol	5.043	139	27252	41.22	ug/ml	98
24) 2,4-Dimethylphenol	5.090	122	43116	42.10	ug/ml	99
25) Bis(2-Chloroethoxy)met...	5.155	93	52190	40.37	ug/ml#	95
26) Benzoic Acid	5.137	122	2875	4.36	ug/ml#	65
27) 2,4-Dichlorophenol	5.230	162	45321	40.49	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.286	180	50295	38.84	ug/ml	100
29) Naphthalene	5.342	128	131251	36.38	ug/ml	100
30) 4-Chloroaniline	5.395	127	28778	20.15	ug/ml	97
31) Hexachlorobutadiene	5.447	225	30740	38.27	ug/ml	100
32) 4-Chloro-3-Methylphenol	5.827	107	52053	45.16	ug/ml	98
33) 2-MethylNaphthalene	5.942	142	95687	36.36	ug/ml	100
34) 1-Methylnaphthalene	6.038	142	92515	40.16	ug/ml	99
38) Hexachlorocyclopentadiene	6.103	237	31781	38.09	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.109	216	54473	38.42	ug/ml	100
40) 2,4,6-Trichlorophenol	6.237	196	42231	45.43	ug/ml	99
41) 2,4,5-Trichlorophenol	6.277	196	43466	43.42	ug/ml	95

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 09:31:49 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

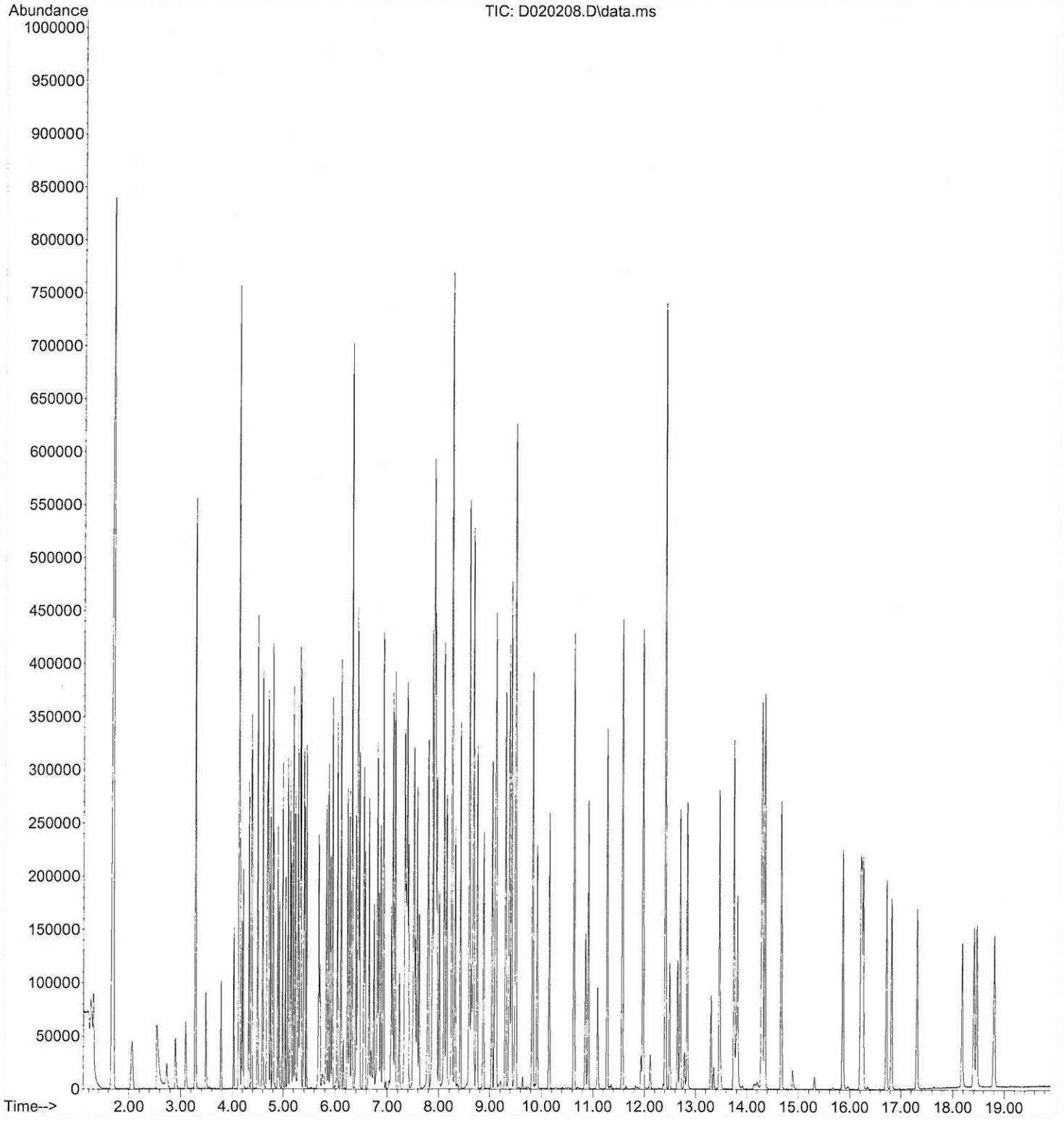
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2-ChloroNaphthalene	6.442	162	107705	35.02 ug/ml	96
43) 2-Nitroaniline	6.573	65	36872	42.44 ug/ml	94
44) DIMETHYL PHTHALATE	6.812	163	147008	47.35 ug/ml	99
45) 2,6-DinitroToluene	6.877	165	36899	47.20 ug/ml	99
46) Acenaphthylene	6.927	152	173585	39.49 ug/ml	100
47) 3-Nitroaniline	7.079	138	29843	36.14 ug/ml	96
48) Acenaphthene	7.154	154	105440	40.33 ug/ml	99
49) 2,4-Dinitrophenol	7.235	184	18656	44.77 ug/ml	99
50) 4-Nitrophenol	7.365	109	29364	48.92 ug/ml#	13
51) Dibenzofuran	7.387	168	170769	40.29 ug/ml#	68
52) 2,4-Dinitrotoluene	7.412	165	54661	45.32 ug/ml#	89
53) DIETHYL PHTHALATE	7.794	149	171035	48.03 ug/ml	98
54) 4-Chlorophenyl phenyl ...	7.909	204	75000	43.29 ug/ml	98
55) Flourene	7.878	166	151618	41.55 ug/ml	99
56) 4-Nitroaniline	7.956	138	37548	42.02 ug/ml	98
58) 4,6-Dinitro-2-Methylph...	8.009	198	32027	47.50 ug/ml	100
59) N-Nitrosodiphenylamine	8.102	169	134999	61.25 ug/ml	98
60) 1,2-Diphenylhydrazine	8.152	77	148479	42.19 ug/ml	99
61) 4-Bromophenyl phenyl e...	8.677	248	49209	46.11 ug/ml	98
62) Hexachlorobenzene	8.745	284	55313	43.09 ug/ml	99
63) Pentachlorophenol	9.103	266	40142	50.65 ug/ml	98
64) Pentachloronitrobenzene	9.124	295	10593	50.26 ug/ml	95
65) Phenanthrene	9.423	178	251037	43.89 ug/ml	100
66) Anthracene	9.507	178	254892	44.64 ug/ml	100
67) Carbazole	9.836	167	230149	45.49 ug/ml	100
68) Di-N-Butyl Phthalate	10.635	149	321126	46.38 ug/ml	100
69) Flouranthene	11.574	202	263670	44.31 ug/ml	99
72) Benzidine	11.934	184	19362	16.53 ug/ml	99
73) Pyrene	11.978	202	263308	57.13 ug/ml	100
74) Butylbenzyl phthalate	13.466	149	99151	55.03 ug/ml	100
75) 3,3'-Dichlorobenzidine	14.349	252	34558	35.03 ug/ml	99
76) Benzo(a)anthracene	14.293	228	164101	44.99 ug/ml	99
77) Chrysene	14.355	228	150829	42.77 ug/ml	100
78) Bis(2-ethylhexyl)phtha...	14.672	149	128007	55.50 ug/ml	99
80) Di-n-octylphthalate	15.860	149	175876	52.07 ug/ml	100
81) Benzo(b)fluoranthene	16.208	252	131364	42.55 ug/ml	98
82) Benzo(k)fluoranthene	16.261	252	123648	41.55 ug/ml	97
83) Benzo(a)pyrene	16.724	252	118471	43.18 ug/ml	99
84) Indeno(1,2,3-cd)pyrene	18.408	276	99137	46.69 ug/ml	99
85) Dibenz(a,h)anthracene	18.464	278	97646	45.33 ug/ml	99
86) Benzo(g,h,i)perylene	18.806	276	102989	45.06 ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

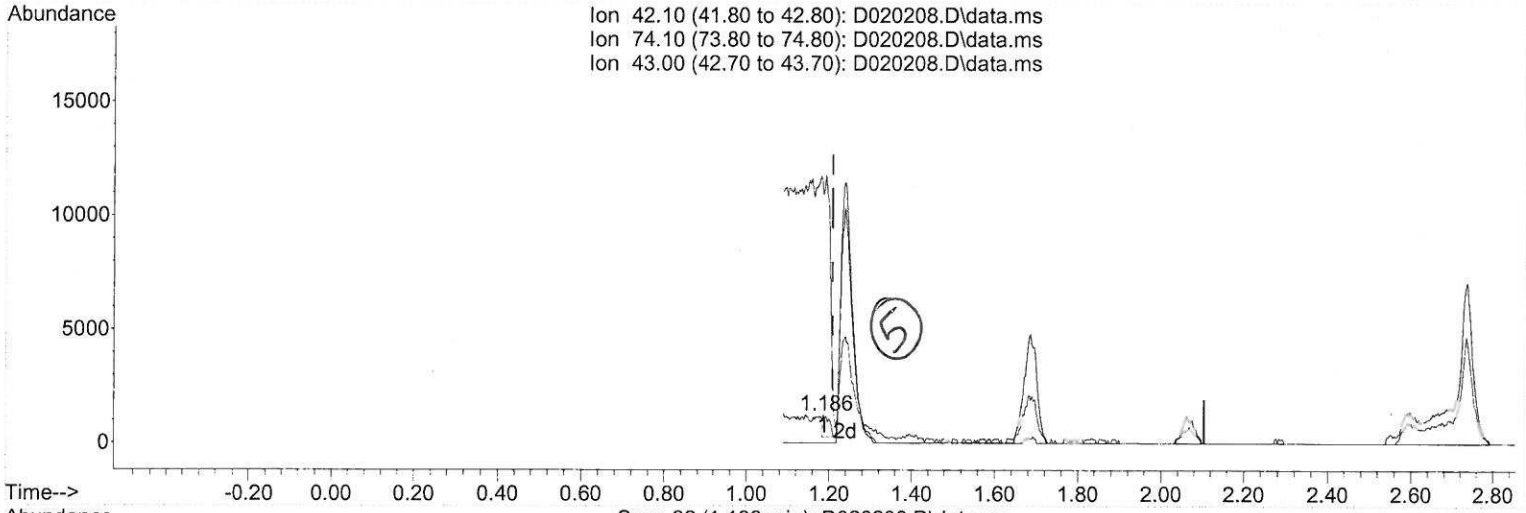
Quant Time: Feb 03 09:31:49 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

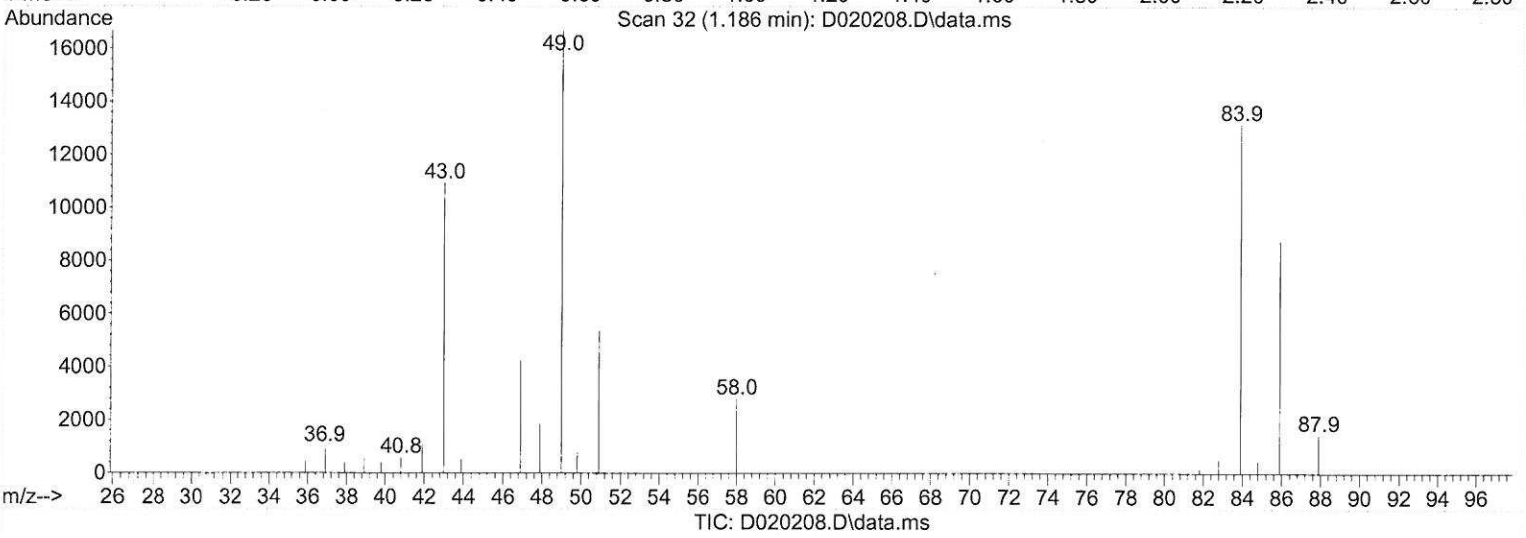


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 09:12:59 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





(4) N-Nitrosodimethylamine

1.186min (-0.022) 1.67 ug/ml

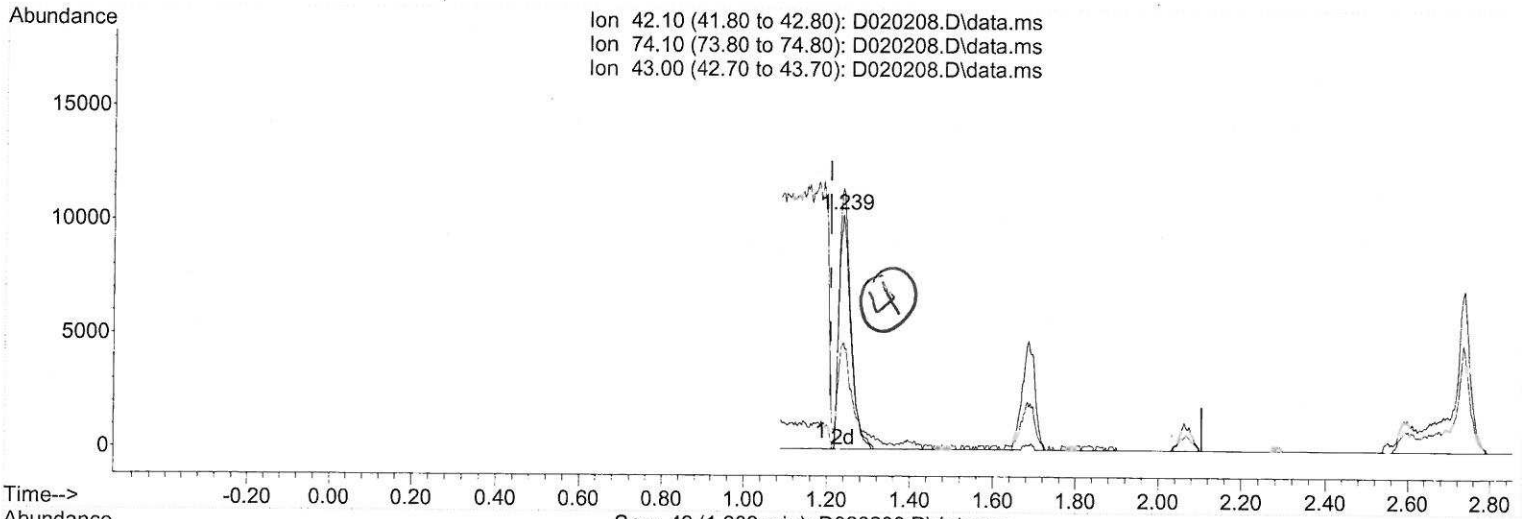
response 1045

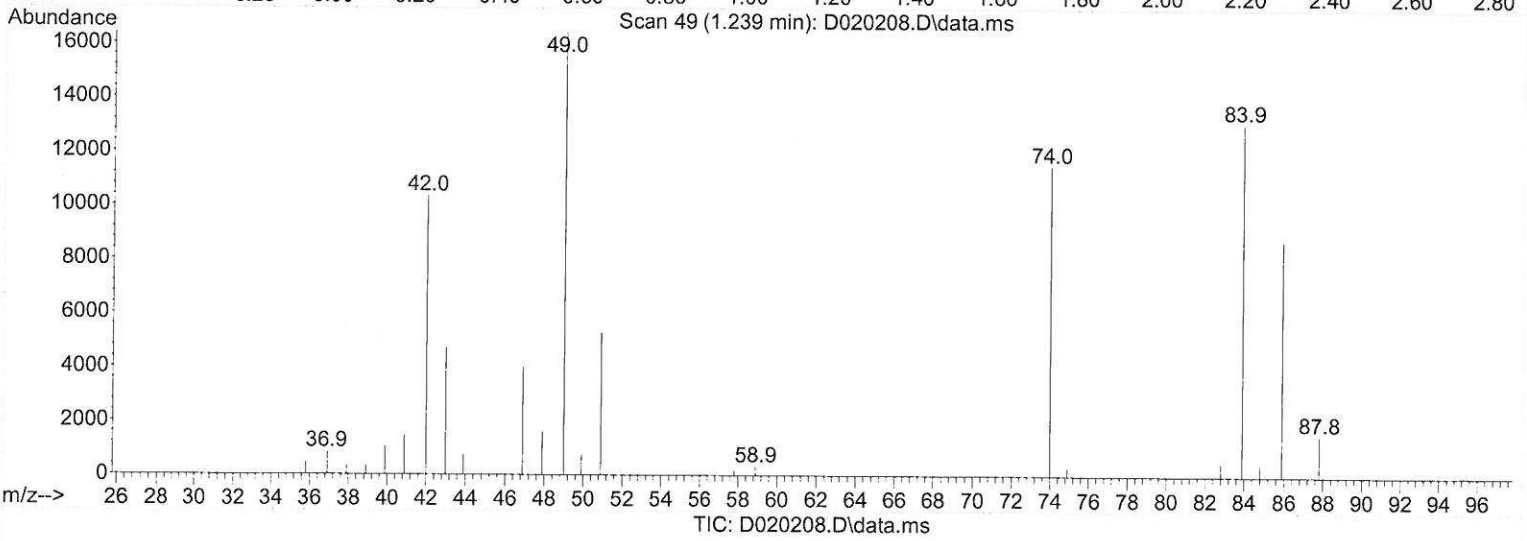
Ion	Exp%	Act%
42.10	100	100
74.10	120.50	0.00#
43.00	42.80	1014.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 09:12:59 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020208.D\data.ms

(4) N-Nitrosodimethylamine

1.239min (+0.031) 33.40 ug/ml m

response 20845

Ion	Exp%	Act%
42.10	100	100
74.10	120.50	0.00#
43.00	42.80	50.84
0.00	0.00	0.00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BSD1	File ID:	D020209.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:23
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
83-32-9	Acenaphthene	1.47	0.080	0.17	
208-96-8	Acenaphthylene	1.46	0.080	0.17	
98-86-2	Acetophenone	1.31	0.12	0.34	
62-53-3	Aniline	0.777	0.11	0.34	
120-12-7	Anthracene	1.58	0.080	0.17	
92-87-5	Benzidine	0.592	0.080	0.34	L-04, V-06
56-55-3	Benzo(a)anthracene	1.60	0.080	0.17	
50-32-8	Benzo(a)pyrene	1.53	0.090	0.17	
205-99-2	Benzo(b)fluoranthene	1.57	0.090	0.17	
191-24-2	Benzo(g,h,i)perylene	1.64	0.070	0.17	
207-08-9	Benzo(k)fluoranthene	1.52	0.10	0.17	
65-85-0	Benzoic Acid	0.237	0.15	1.0	L-04, V-06
111-91-1	Bis(2-chloroethoxy)methane	1.51	0.090	0.34	
111-44-4	Bis(2-chloroethyl)ether	1.38	0.10	0.34	
39638-32-9	Bis(2-chloroisopropyl)ether	1.24	0.10	0.34	
117-81-7	Bis(2-Ethylhexyl)phthalate	1.98	0.10	0.34	
101-55-3	4-Bromophenylphenylether	1.60	0.070	0.34	
85-68-7	Butylbenzylphthalate	1.98	0.11	0.66	
86-74-8	Carbazole	1.63	0.080	0.17	
106-47-8	4-Chloroaniline	0.683	0.090	0.66	
59-50-7	4-Chloro-3-methylphenol	1.49	0.10	0.66	
91-58-7	2-Chloronaphthalene	1.32	0.070	0.34	
95-57-8	2-Chlorophenol	1.36	0.090	0.34	
7005-72-3	4-Chlorophenylphenylether	1.54	0.12	0.34	
218-01-9	Chrysene	1.51	0.080	0.17	
53-70-3	Dibenz(a,h)anthracene	1.60	0.070	0.17	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BSD1	File ID:	D020209.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:23
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
132-64-9	Dibenzofuran	1.45	0.080	0.34	
84-74-2	Di-n-butylphthalate	1.67	0.080	0.34	
95-50-1	1,2-Dichlorobenzene	1.23	0.080	0.34	
541-73-1	1,3-Dichlorobenzene	1.22	0.080	0.34	
106-46-7	1,4-Dichlorobenzene	1.19	0.080	0.34	
91-94-1	3,3-Dichlorobenzidine	1.26	0.060	0.17	
120-83-2	2,4-Dichlorophenol	1.42	0.080	0.34	
84-66-2	Diethylphthalate	1.65	0.10	0.34	
105-67-9	2,4-Dimethylphenol	1.49	0.070	0.34	
131-11-3	Dimethylphthalate	1.67	0.10	0.66	
534-52-1	4,6-Dinitro-2-methylphenol	1.67	0.040	0.34	V-06
51-28-5	2,4-Dinitrophenol	1.59	0.040	0.66	V-06
121-14-2	2,4-Dinitrotoluene	1.61	0.11	0.34	
606-20-2	2,6-Dinitrotoluene	1.67	0.11	0.34	
117-84-0	Di-n-octylphthalate	2.00	0.13	0.66	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	1.51	0.080	0.34	
206-44-0	Fluoranthene	1.57	0.070	0.17	
86-73-7	Fluorene	1.46	0.090	0.17	
118-74-1	Hexachlorobenzene	1.49	0.080	0.34	
87-68-3	Hexachlorobutadiene	1.40	0.060	0.34	
77-47-4	Hexachlorocyclopentadiene	1.44	0.060	0.66	
67-72-1	Hexachloroethane	1.27	0.080	0.34	
193-39-5	Indeno(1,2,3-cd)pyrene	1.62	0.070	0.17	
78-59-1	Isophorone	1.42	0.10	0.34	
90-12-0	1-Methylnaphthalene	1.41	0.10	0.17	
91-57-6	2-Methylnaphthalene	1.28	0.10	0.17	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BSD1	File ID:	D020209.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:23
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
95-48-7	2-Methylphenol	1.43	0.13	0.34	
108-39-4/106-44-5	3/4-Methylphenol	1.89	0.16	0.34	
91-20-3	Naphthalene	1.33	0.070	0.17	
88-74-4	2-Nitroaniline	1.50	0.10	0.34	
99-09-2	3-Nitroaniline	1.23	0.10	0.34	
100-01-6	4-Nitroaniline	1.49	0.12	0.34	
98-95-3	Nitrobenzene	1.36	0.070	0.34	
88-75-5	2-Nitrophenol	1.50	0.050	0.34	
100-02-7	4-Nitrophenol	1.68	0.040	0.66	
62-75-9	N-Nitrosodimethylamine	1.23	0.060	0.34	
86-30-6	N-Nitrosodiphenylamine	2.15	0.11	0.34	
621-64-7	N-Nitrosodi-n-propylamine	1.52	0.13	0.34	
82-68-8	Pentachloronitrobenzene	1.78	0.11	0.34	
87-86-5	Pentachlorophenol	1.77	0.060	0.34	V-06
85-01-8	Phenanthrene	1.55	0.080	0.17	
108-95-2	Phenol	1.36	0.090	0.34	
129-00-0	Pyrene	2.03	0.10	0.17	
110-86-1	Pyridine	0.910	0.080	0.34	
95-94-3	1,2,4,5-Tetrachlorobenzene	1.51	0.070	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.40	0.060	0.34	
95-95-4	2,4,5-Trichlorophenol	1.64	0.10	0.34	
88-06-2	2,4,6-Trichlorophenol	1.59	0.070	0.34	

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 09:41:31 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

CA 2/3/12

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	74257	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	154047	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.111	164	96605	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	215872	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.306	240	130265	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.817	264	89140	40.00	ug/ml	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol	3.281	112	203814	166.12	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 83.06%			
3) Phenol-d6	4.130	99	258574	166.20	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 83.10%			
20) Nitrobenzene-d5	4.795	82	123734	85.53	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 85.53%			
36) 2-Fluorobiphenyl	6.324	172	245826	91.83	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 91.83%			
37) 2,4,6-Tribromophenol	8.257	330	109214	225.34	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 112.67%			
71) Terphenyl-d14	12.413	244	324695	127.20	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 127.20%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.224	42	24093	37.03	ug/ml#	86
5) Pyridine	1.270	79	34061	27.30	ug/ml#	54
6) Aniline	4.120	93	45244	23.31	ug/ml#	30
7) Phenol	4.139	94	74434	40.88	ug/ml#	85
8) Bis(2-chloroethyl)ether	4.189	93	50832	41.30	ug/ml	96
9) 2-Chlorophenol	4.214	128	56355	40.95	ug/ml	100
10) 1,3-Dichlorobenzene	4.326	146	61335	36.47	ug/ml	99
11) 1,4-Dichlorobenzene	4.385	146	61982	35.82	ug/ml	100
12) 1,2-Dichlorobenzene	4.500	146	58830	36.88	ug/ml	100
13) 2- METHYLPHENOL	4.599	108	52504	42.85	ug/ml	97
14) Bis(2-Chloroisopropyl)...	4.596	45	59123	37.07	ug/ml	92
15) Acetophenone	4.686	105	75373	39.19	ug/ml#	64
16) 3/4- METHYLPHENOL	4.711	107	80556	56.73	ug/ml#	59
17) N-Nitroso-Di-N-Propyla...	4.699	70	39482	45.62	ug/ml#	89
18) Hexachloroethane	4.751	117	25708	37.97	ug/ml	100
21) NITROBENZENE	4.811	77	60328	40.83	ug/ml	98
22) Isophorone	4.988	82	106756	42.58	ug/ml	100
23) 2-Nitrophenol	5.044	139	31500	44.89	ug/ml	98
24) 2,4-Dimethylphenol	5.090	122	48470	44.59	ug/ml	98
25) Bis(2-Chloroethoxy)met...	5.156	93	62327	45.43	ug/ml#	96
26) Benzoic Acid	5.137	122	4977	7.11	ug/ml#	79
27) 2,4-Dichlorophenol	5.230	162	50591	42.58	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.286	180	57875	42.11	ug/ml	100
29) Naphthalene	5.342	128	153102	39.98	ug/ml	100
30) 4-Chloroaniline	5.395	127	31056	20.49	ug/ml	97
31) Hexachlorobutadiene	5.451	225	35820	42.01	ug/ml	100
32) 4-Chloro-3-Methylphenol	5.827	107	54857	44.84	ug/ml	98
33) 2-MethylNaphthalene	5.942	142	107442	38.47	ug/ml	100
34) 1-Methylnaphthalene	6.038	142	103429	42.30	ug/ml	100
38) Hexachlorocyclopentadiene	6.103	237	33931	43.33	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.110	216	60152	45.21	ug/ml	100
40) 2,4,6-Trichlorophenol	6.237	196	41571	47.65	ug/ml	99
41) 2,4,5-Trichlorophenol	6.278	196	46104	49.07	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 09:41:31 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

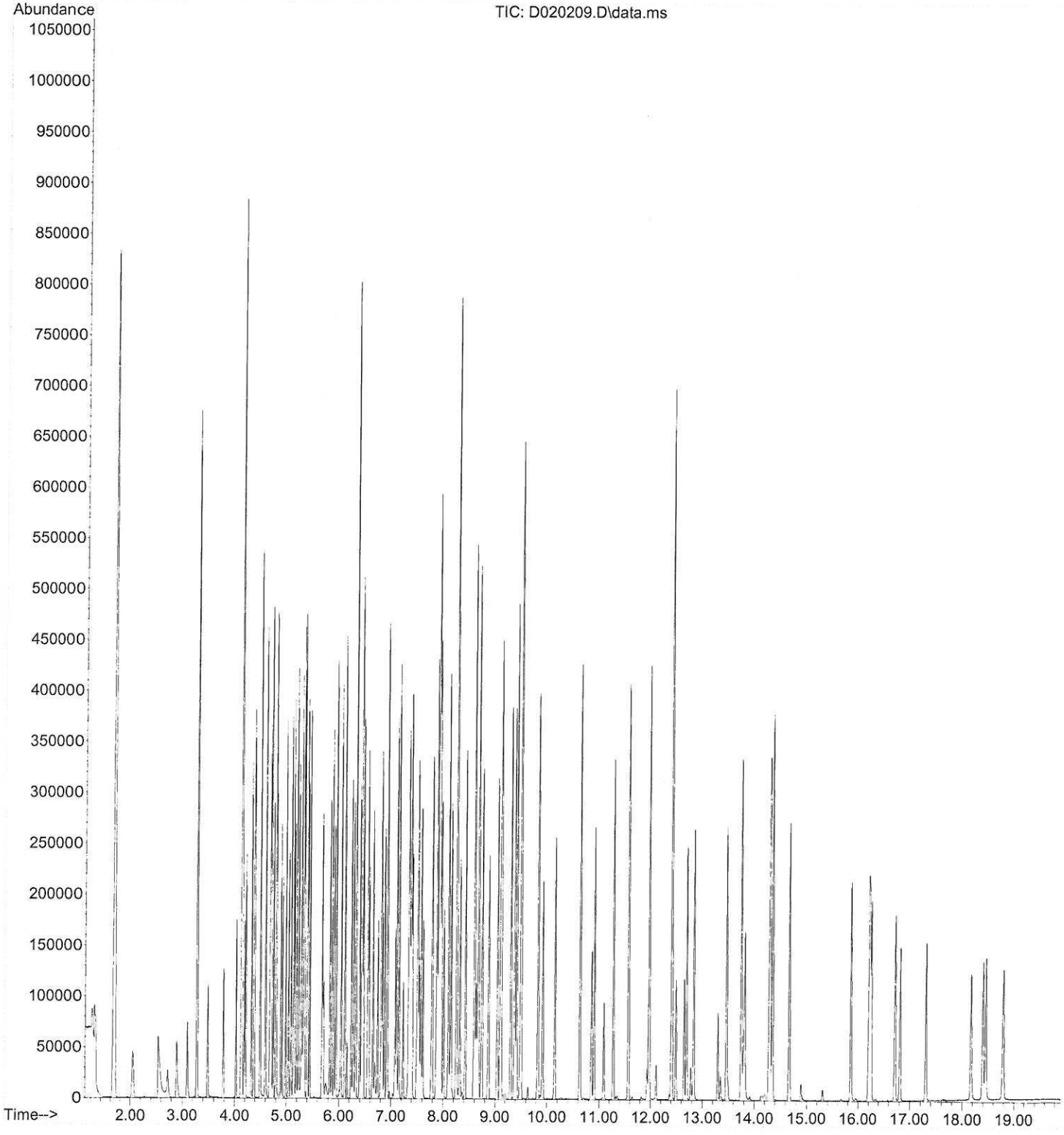
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2-ChloroNaphthalene	6.442	162	114230	39.58	ug/ml	97
43) 2-Nitroaniline	6.573	65	36610	44.89	ug/ml	96
44) DIMETHYL PHTHALATE	6.812	163	145733	50.01	ug/ml	99
45) 2,6-DinitroToluene	6.877	165	36792	50.15	ug/ml	99
46) Acenaphthylene	6.927	152	180206	43.68	ug/ml	100
47) 3-Nitroaniline	7.079	138	28655	36.97	ug/ml	99
48) Acenaphthene	7.154	154	108094	44.05	ug/ml	99
49) 2,4-Dinitrophenol	7.232	184	19107	47.75	ug/ml	100
50) 4-Nitrophenol	7.365	109	28445m	50.32	ug/ml	
51) Dibenzofuran	7.387	168	173185	43.53	ug/ml#	68
52) 2,4-Dinitrotoluene	7.409	165	54770	48.39	ug/ml#	89
53) DIETHYL PHTHALATE	7.791	149	165758	49.59	ug/ml	100
54) 4-Chlorophenyl phenyl ...	7.909	204	75032	46.14	ug/ml	98
55) Flourene	7.875	166	149553	43.67	ug/ml	99
56) 4-Nitroaniline	7.956	138	37573	44.80	ug/ml	97
58) 4,6-Dinitro-2-Methylph...	8.009	198	31778	50.20	ug/ml	99
59) N-Nitrosodiphenylamine	8.102	169	131781	64.50	ug/ml	98
60) 1,2-Diphenylhydrazine	8.149	77	148203	45.42	ug/ml	99
61) 4-Bromophenyl phenyl e...	8.677	248	47543	48.05	ug/ml	98
62) Hexachlorobenzene	8.745	284	53331	44.81	ug/ml	99
63) Pentachlorophenol	9.100	266	38939	53.00	ug/ml	98
64) Pentachloronitrobenzene	9.118	295	10416	53.30	ug/ml	95
65) Phenanthrene	9.420	178	247019	46.59	ug/ml	100
66) Anthracene	9.507	178	251410	47.50	ug/ml	100
67) Carbazole	9.836	167	229684	48.97	ug/ml	100
68) Di-N-Butyl Phthalate	10.635	149	321560	50.09	ug/ml	100
69) Flouranthene	11.571	202	259717	47.08	ug/ml	100
72) Benzidine	11.931	184	19012	17.77	ug/ml	97
73) Pyrene	11.975	202	256104	60.82	ug/ml	100
74) Butylbenzyl phthalate	13.467	149	97872	59.45	ug/ml	100
75) 3,3'-Dichlorobenzidine	14.346	252	34097	37.83	ug/ml	100
76) Benzo(a)anthracene	14.287	228	160040	48.02	ug/ml	99
77) Chrysene	14.349	228	145976	45.30	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	14.666	149	125473	59.54	ug/ml	98
80) Di-n-octylphthalate	15.854	149	173255	59.98	ug/ml	100
81) Benzo(b)fluoranthene	16.205	252	124071	46.99	ug/ml	98
82) Benzo(k)fluoranthene	16.255	252	116086	45.62	ug/ml	97
83) Benzo(a)pyrene	16.721	252	107886	45.98	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	18.399	276	88381	48.67	ug/ml	99
85) Dibenz(a,h)anthracene	18.455	278	88494	48.04	ug/ml	99
86) Benzo(g,h,i)perylene	18.794	276	95924	49.08	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

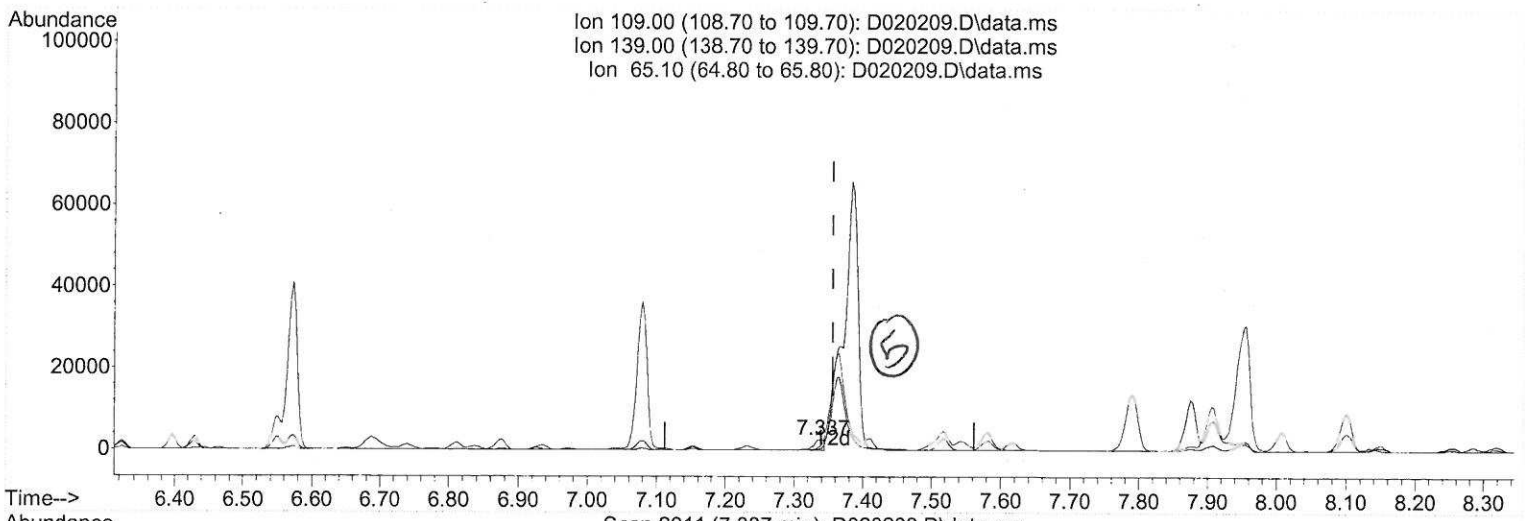
Quant Time: Feb 03 09:41:31 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

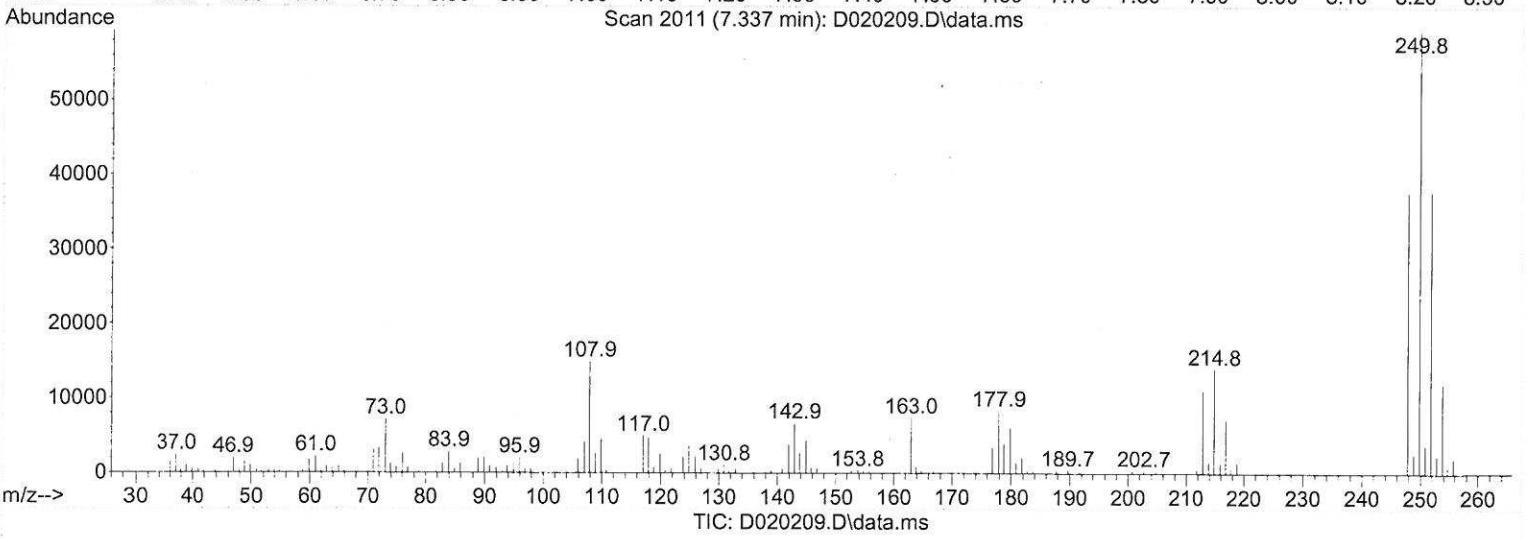


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 09:13:01 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020209.D\data.ms

(50) 4-Nitrophenol (P)

7.337min (-0.019) 9.36 ug/ml

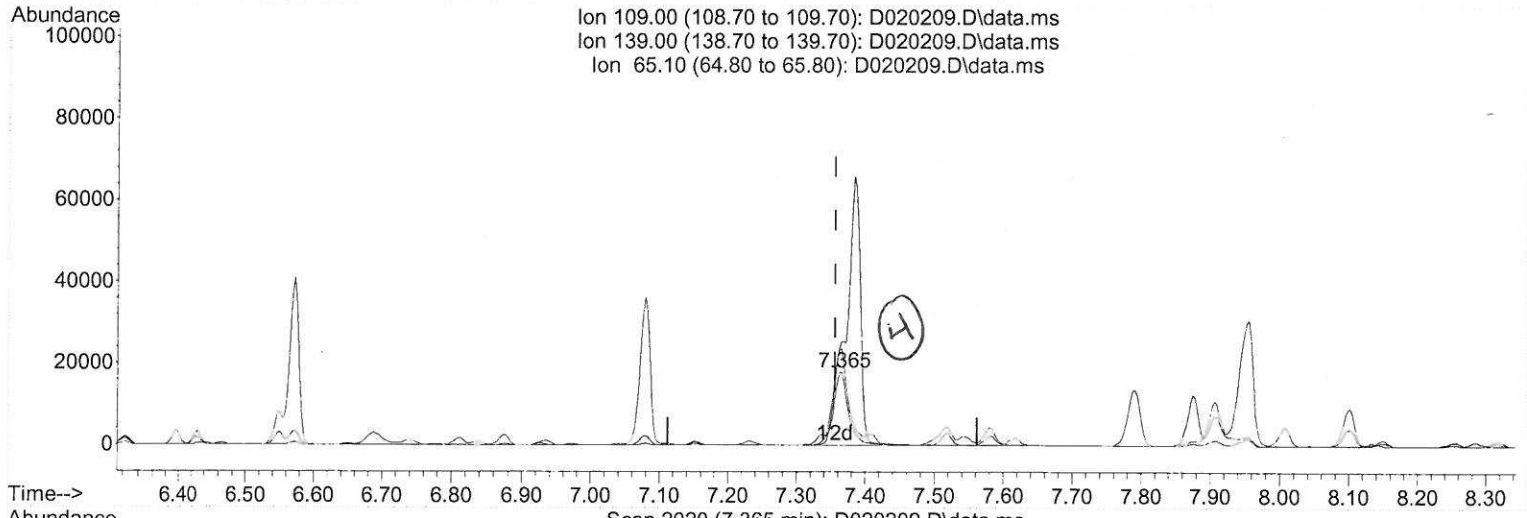
response 2529

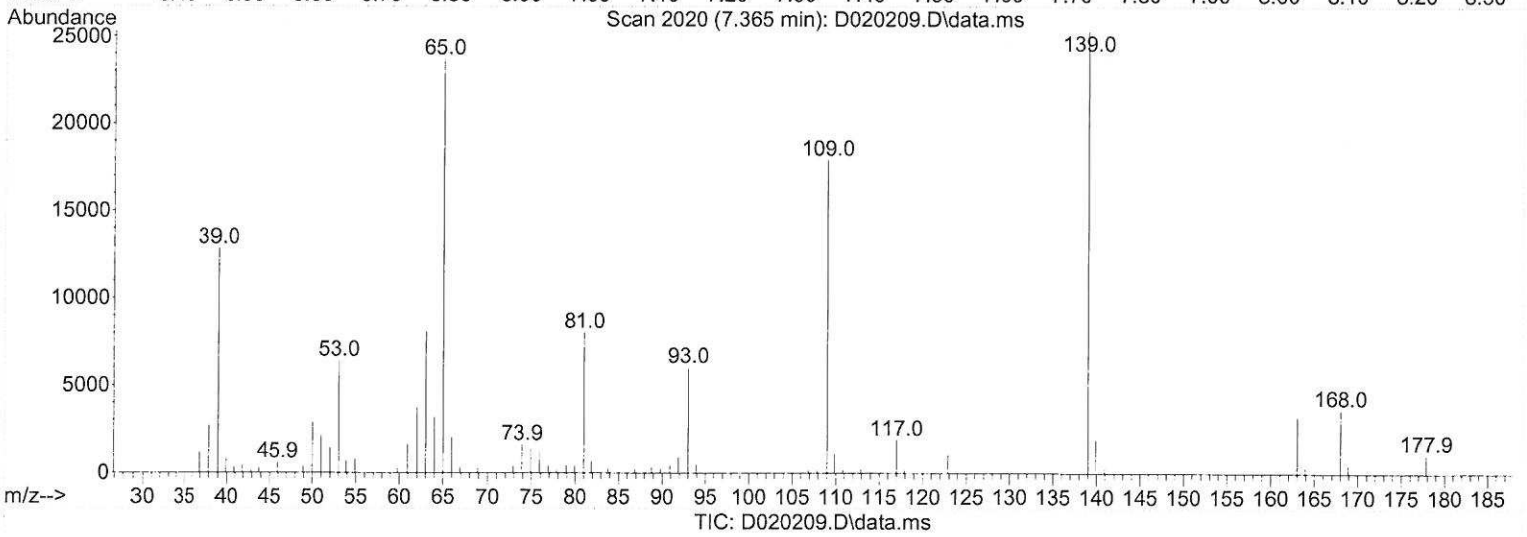
Ion	Exp%	Act%
109.00	100	100
139.00	135.20	0.00#
65.10	137.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 09:13:01 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020209.D\data.ms

(50) 4-Nitrophenol (P)

7.365min (+0.009) 50.32 ug/ml m

response 28445

Ion	Exp%	Act%
109.00	100	100
139.00	135.20	0.00#
65.10	137.30	0.00#
0.00	0.00	0.00

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MS1	File ID:	D020210.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene	1.01	0.087	0.19	
208-96-8	Acenaphthylene	0.984	0.087	0.19	
98-86-2	Acetophenone	0.907	0.13	0.37	
62-53-3	Aniline	0.605	0.12	0.37	MS-09
120-12-7	Anthracene	1.12	0.087	0.19	
92-87-5	Benzidine	0.432	0.087	0.37	MS-09, V-06
56-55-3	Benzo(a)anthracene	1.10	0.087	0.19	
50-32-8	Benzo(a)pyrene	1.07	0.098	0.19	
205-99-2	Benzo(b)fluoranthene	1.04	0.098	0.19	
191-24-2	Benzo(g,h,i)perylene	1.17	0.077	0.19	
207-08-9	Benzo(k)fluoranthene	1.05	0.11	0.19	
65-85-0	Benzoic Acid	0.482	0.16	1.1	V-06, MS-09
111-91-1	Bis(2-chloroethoxy)methane	1.01	0.098	0.37	
111-44-4	Bis(2-chloroethyl)ether	0.948	0.11	0.37	
39638-32-9	Bis(2-chloroisopropyl)ether	0.858	0.11	0.37	
117-81-7	Bis(2-Ethylhexyl)phthalate	1.34	0.11	0.37	
101-55-3	4-Bromophenylphenylether	1.05	0.077	0.37	
85-68-7	Butylbenzylphthalate	1.40	0.12	0.72	
86-74-8	Carbazole	1.25	0.087	0.19	
106-47-8	4-Chloroaniline	0.647	0.098	0.72	MS-22
59-50-7	4-Chloro-3-methylphenol	0.977	0.11	0.72	
91-58-7	2-Chloronaphthalene	0.853	0.077	0.37	
95-57-8	2-Chlorophenol	0.899	0.098	0.37	
7005-72-3	4-Chlorophenylphenylether	1.05	0.13	0.37	
218-01-9	Chrysene	1.05	0.087	0.19	
53-70-3	Dibenz(a,h)anthracene	1.13	0.077	0.19	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045341-MS1	File ID:	D020210.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
132-64-9	Dibenzofuran	0.975	0.087	0.37	
84-74-2	Di-n-butylphthalate	1.25	0.087	0.37	
95-50-1	1,2-Dichlorobenzene	0.856	0.087	0.37	
541-73-1	1,3-Dichlorobenzene	0.846	0.087	0.37	
106-46-7	1,4-Dichlorobenzene	0.845	0.087	0.37	
91-94-1	3,3-Dichlorobenzidine	0.900	0.066	0.19	R-06
120-83-2	2,4-Dichlorophenol	0.922	0.087	0.37	
84-66-2	Diethylphthalate	1.15	0.11	0.37	
105-67-9	2,4-Dimethylphenol	0.997	0.077	0.37	
131-11-3	Dimethylphthalate	1.11	0.11	0.72	
534-52-1	4,6-Dinitro-2-methylphenol	1.24	0.044	0.37	V-06
51-28-5	2,4-Dinitrophenol	1.11	0.044	0.72	V-06
121-14-2	2,4-Dinitrotoluene	1.08	0.12	0.37	
606-20-2	2,6-Dinitrotoluene	1.10	0.12	0.37	
117-84-0	Di-n-octylphthalate	1.28	0.14	0.72	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	1.00	0.087	0.37	
206-44-0	Fluoranthene	1.24	0.077	0.19	
86-73-7	Fluorene	1.02	0.098	0.19	
118-74-1	Hexachlorobenzene	1.01	0.087	0.37	
87-68-3	Hexachlorobutadiene	0.943	0.066	0.37	
77-47-4	Hexachlorocyclopentadiene	1.01	0.066	0.72	R-06
67-72-1	Hexachloroethane	0.882	0.087	0.37	
193-39-5	Indeno(1,2,3-cd)pyrene	1.19	0.077	0.19	
78-59-1	Isophorone	0.961	0.11	0.37	
90-12-0	1-Methylnaphthalene	0.932	0.11	0.19	
91-57-6	2-Methylnaphthalene	0.842	0.11	0.19	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MS1	File ID:	D020210.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-48-7	2-Methylphenol	0.906	0.14	0.37	
108-39-4/106-44-5	3/4-Methylphenol	1.46	0.17	0.37	
91-20-3	Naphthalene	0.891	0.077	0.19	
88-74-4	2-Nitroaniline	1.21	0.11	0.37	
99-09-2	3-Nitroaniline	1.07	0.11	0.37	
100-01-6	4-Nitroaniline	1.17	0.13	0.37	
98-95-3	Nitrobenzene	0.948	0.077	0.37	
88-75-5	2-Nitrophenol	1.01	0.055	0.37	
100-02-7	4-Nitrophenol	1.34	0.044	0.72	
62-75-9	N-Nitrosodimethylamine	0.886	0.066	0.37	
86-30-6	N-Nitrosodiphenylamine	1.38	0.12	0.37	
621-64-7	N-Nitrosodi-n-propylamine	1.03	0.14	0.37	
82-68-8	Pentachloronitrobenzene	1.20	0.12	0.37	
87-86-5	Pentachlorophenol	1.24	0.066	0.37	V-06
85-01-8	Phenanthrene	1.09	0.087	0.19	
108-95-2	Phenol	0.886	0.098	0.37	
129-00-0	Pyrene	1.48	0.11	0.19	
110-86-1	Pyridine	0.619	0.087	0.37	MS-09
95-94-3	1,2,4,5-Tetrachlorobenzene	1.01	0.077	0.37	
120-82-1	1,2,4-Trichlorobenzene	0.945	0.066	0.37	
95-95-4	2,4,5-Trichlorophenol	1.07	0.11	0.37	
88-06-2	2,4,6-Trichlorophenol	1.05	0.077	0.37	

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 09:42:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

CQ 2/3/12

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	75057	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	150370	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	92516	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.376	188	219826	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.296	240	145469	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.808	264	98616	40.00	ug/ml	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol	3.281	112	127706	102.98	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 51.49%			
3) Phenol-d6	4.127	99	156511	99.53	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 49.77%			
20) Nitrobenzene-d5	4.795	82	75003	53.11	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 53.11%			
36) 2-Fluorobiphenyl	6.321	172	143177	55.85	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 55.85%			
37) 2,4,6-Tribromophenol	8.248	330	66646	143.59	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 71.80%			
71) Terphenyl-d14	12.407	244	236782	83.06	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 83.06%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.227	42	15991	24.32	ug/ml	89
5) Pyridine	1.283	79	21440	17.00	ug/ml#	56
6) Aniline	4.117	93	32609	16.62	ug/ml#	66
7) Phenol	4.136	94	44751	24.31	ug/ml	97
8) Bis(2-chloroethyl)ether	4.186	93	32361	26.01	ug/ml	97
9) 2-Chlorophenol	4.211	128	34315	24.67	ug/ml	100
10) 1,3-Dichlorobenzene	4.326	146	39481	23.23	ug/ml	99
11) 1,4-Dichlorobenzene	4.385	146	40576	23.20	ug/ml	99
12) 1,2-Dichlorobenzene	4.497	146	37887	23.50	ug/ml	99
13) 2- METHYLPHENOL	4.593	108	30789	24.86	ug/ml	99
14) Bis(2-Chloroisopropyl)...	4.596	45	37961	23.55	ug/ml	95
15) Acetophenone	4.683	105	48433	24.91	ug/ml#	62
16) 3/4- METHYLPHENOL	4.708	107	57497	40.06	ug/ml#	52
17) N-Nitroso-Di-N-Propyla...	4.695	70	24616	28.14	ug/ml#	88
18) Hexachloroethane	4.748	117	16578	24.22	ug/ml	99
21) NITROBENZENE	4.807	77	37530	26.02	ug/ml	97
22) Isophorone	4.985	82	64592	26.39	ug/ml	100
23) 2-Nitrophenol	5.040	139	18986	27.72	ug/ml	98
24) 2,4-Dimethylphenol	5.087	122	29026	27.36	ug/ml	100
25) Bis(2-Chloroethoxy)met...	5.152	93	37069	27.68	ug/ml	97
26) Benzoic Acid	5.149	122	9041m	13.24	ug/ml	
27) 2,4-Dichlorophenol	5.227	162	29352	25.31	ug/ml	98
28) 1,2,4-Trichlorobenzene	5.286	180	34791	25.93	ug/ml	100
29) Naphthalene	5.342	128	91424	24.46	ug/ml	100
30) 4-Chloroaniline	5.392	127	26267	17.75	ug/ml	98
31) Hexachlorobutadiene	5.448	225	21545	25.89	ug/ml	100
32) 4-Chloro-3-Methylphenol	5.821	107	32045	26.83	ug/ml	99
33) 2-MethylNaphthalene	5.942	142	63022	23.12	ug/ml	99
34) 1-Methylnaphthalene	6.035	142	61093	25.59	ug/ml	100
38) Hexachlorocyclopentadiene	6.103	237	20833	27.78	ug/ml	99
39) 1,2,4,5-Tetrachloroben...	6.110	216	35456	27.82	ug/ml	100
40) 2,4,6-Trichlorophenol	6.234	196	24103	28.85	ug/ml	100
41) 2,4,5-Trichlorophenol	6.274	196	26384	29.32	ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 09:42:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

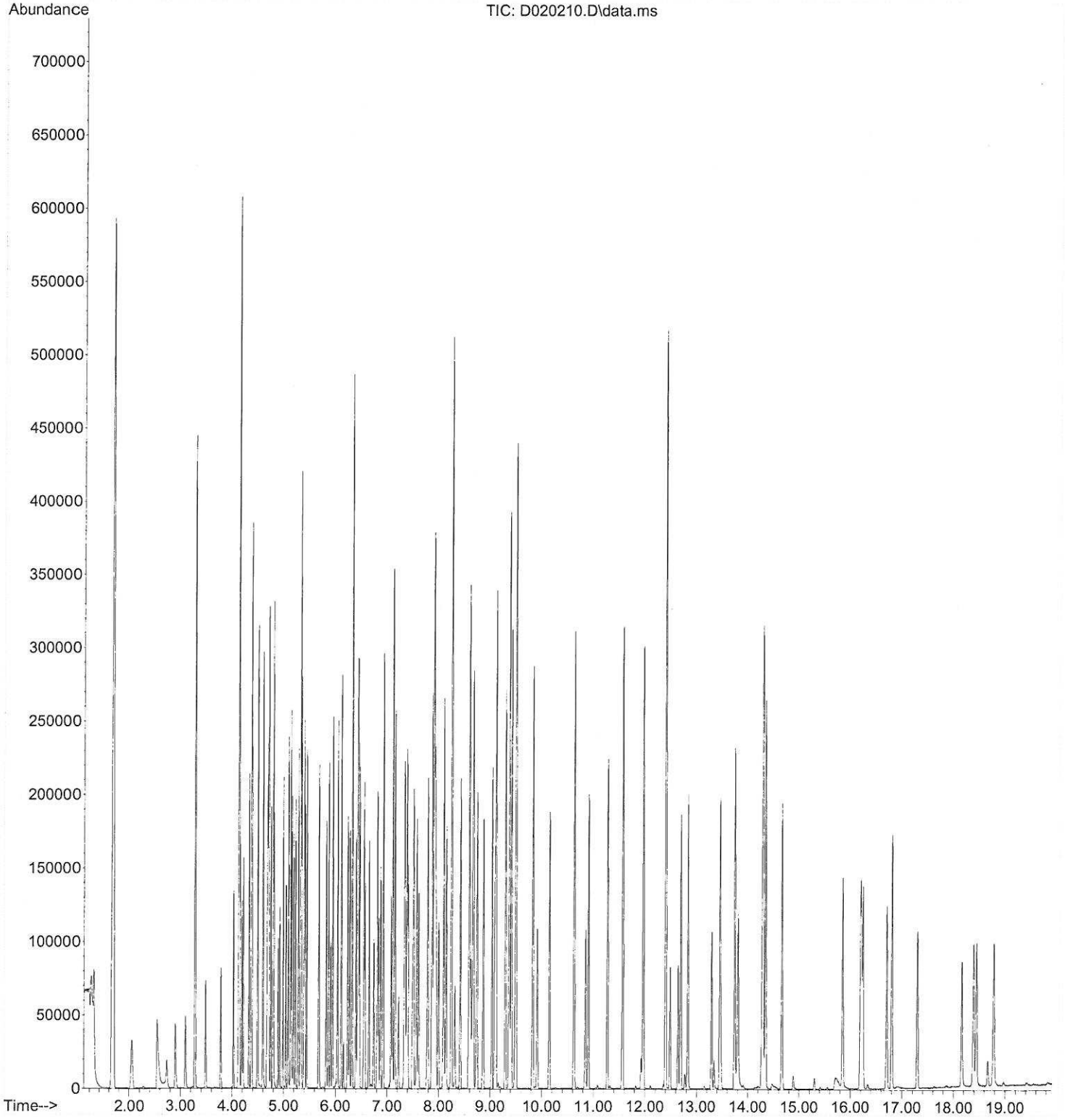
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2-ChloroNaphthalene	6.439	162	64704	23.41	ug/ml	96
43) 2-Nitroaniline	6.570	65	25976	33.26	ug/ml	86
44) DIMETHYL PHTHALATE	6.806	163	84831	30.40	ug/ml	99
45) 2,6-DinitroToluene	6.871	165	21118	30.06	ug/ml	100
46) Acenaphthylene	6.924	152	106680	27.00	ug/ml	100
47) 3-Nitroaniline	7.076	138	21751	29.31	ug/ml	99
48) Acenaphthene	7.151	154	65164	27.73	ug/ml	99
49) 2,4-Dinitrophenol	7.225	184	9396	30.41	ug/ml	98
50) 4-Nitrophenol	7.353	109	19034	36.78	ug/ml	85
51) Dibenzofuran	7.384	168	102005	26.77	ug/ml	98
52) 2,4-Dinitrotoluene	7.406	165	32087	29.60	ug/ml#	90
53) DIETHYL PHTHALATE	7.788	149	101416	31.68	ug/ml	99
54) 4-Chlorophenyl phenyl ...	7.906	204	44877	28.82	ug/ml	98
55) Flourene	7.872	166	92188	28.11	ug/ml	99
56) 4-Nitroaniline	7.943	138	25903	32.25	ug/ml	99
58) 4,6-Dinitro-2-Methylph...	8.002	198	19625	34.04	ug/ml	100
59) N-Nitrosodiphenylamine	8.096	169	78879	37.91	ug/ml	99
60) 1,2-Diphenylhydrazine	8.145	77	91548	27.55	ug/ml	99
61) 4-Bromophenyl phenyl e...	8.671	248	28920	28.70	ug/ml	99
62) Hexachlorobenzene	8.739	284	33702	27.81	ug/ml	99
63) Pentachlorophenol	9.093	266	25498	34.08	ug/ml	99
64) Pentachloronitrobenzene	9.118	295	6563	32.98	ug/ml	98
65) Phenanthrene	9.414	178	161369	29.89	ug/ml	100
66) Anthracene	9.504	178	165125	30.63	ug/ml	100
67) Carbazole	9.830	167	164167	34.37	ug/ml	100
68) Di-N-Butyl Phthalate	10.629	149	223743	34.23	ug/ml	100
69) Flouranthene	11.567	202	190610	33.93	ug/ml	100
72) Benzidine	11.928	184	14159	11.85	ug/ml	99
73) Pyrene	11.972	202	190616	40.54	ug/ml	100
74) Butylbenzyl phthalate	13.457	149	70471	38.33	ug/ml	100
75) 3,3'-Dichlorobenzidine	14.337	252	24858	24.70	ug/ml	100
76) Benzo(a)anthracene	14.281	228	112828	30.32	ug/ml	100
77) Chrysene	14.343	228	103314	28.71	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	14.663	149	86604	36.80	ug/ml	98
80) Di-n-octylphthalate	15.847	149	112657	35.25	ug/ml	100
81) Benzo(b)fluoranthene	16.195	252	83587	28.62	ug/ml	99
82) Benzo(k)fluoranthene	16.242	252	81007	28.77	ug/ml	99
83) Benzo(a)pyrene	16.708	252	75972	29.27	ug/ml	100
84) Indeno(1,2,3-cd)pyrene	18.390	276	65731	32.72	ug/ml	99
85) Dibenz(a,h)anthracene	18.446	278	63178	31.00	ug/ml	99
86) Benzo(g,h,i)perylene	18.781	276	69508	32.15	ug/ml	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

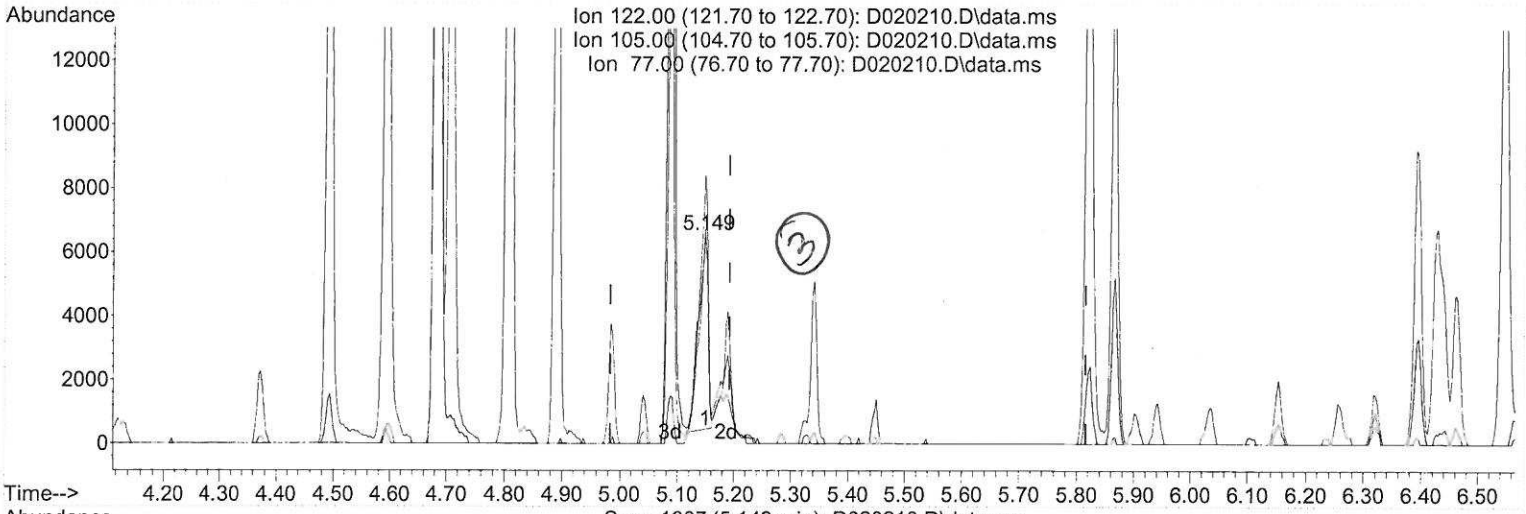
Quant Time: Feb 03 09:42:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

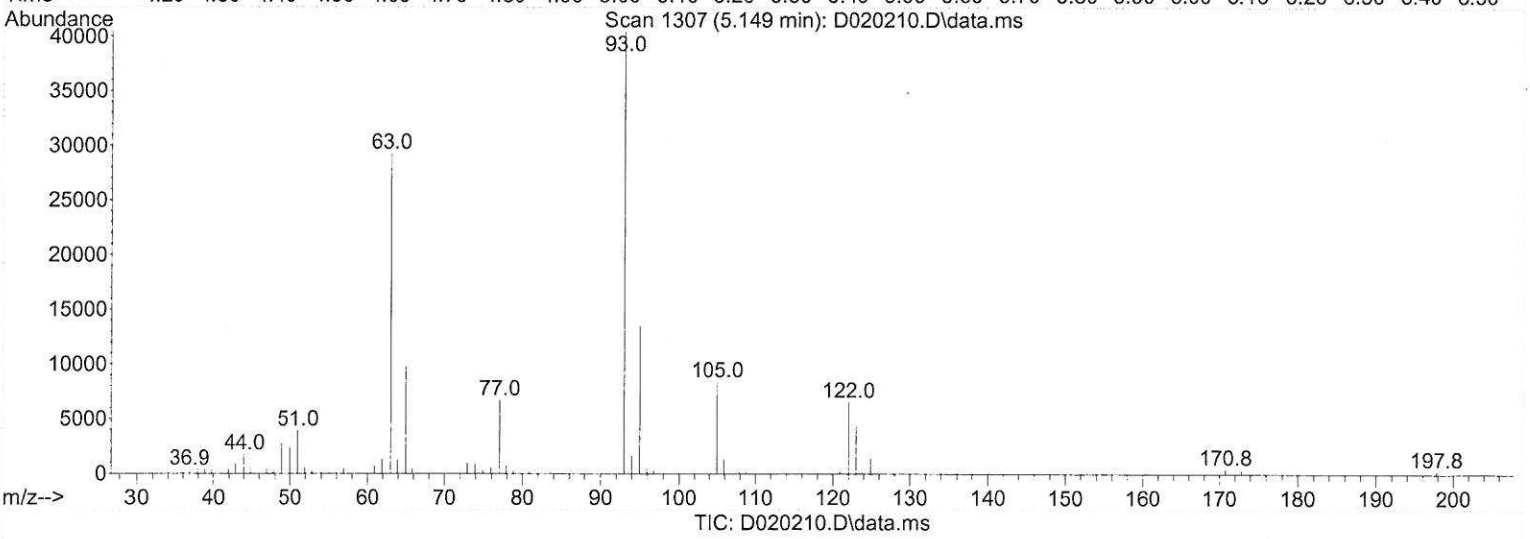


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 09:13:03 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020210.D\data.ms

(26) Benzoic Acid

5.149min (-0.043) 11.12 ug/ml

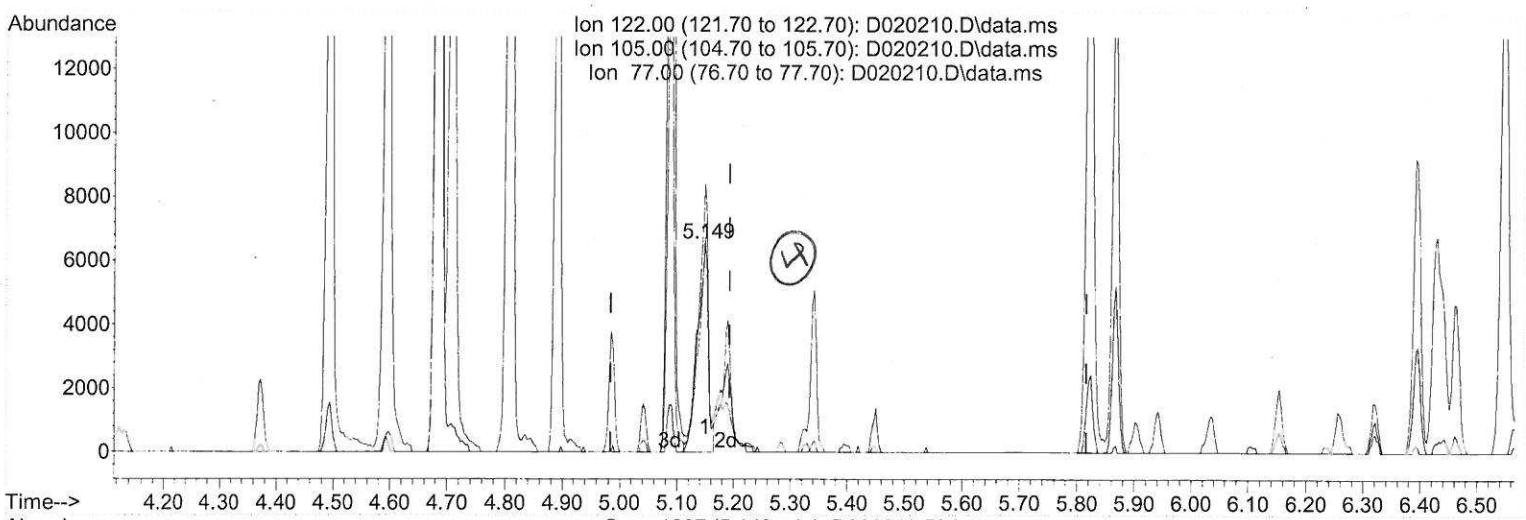
response 7596

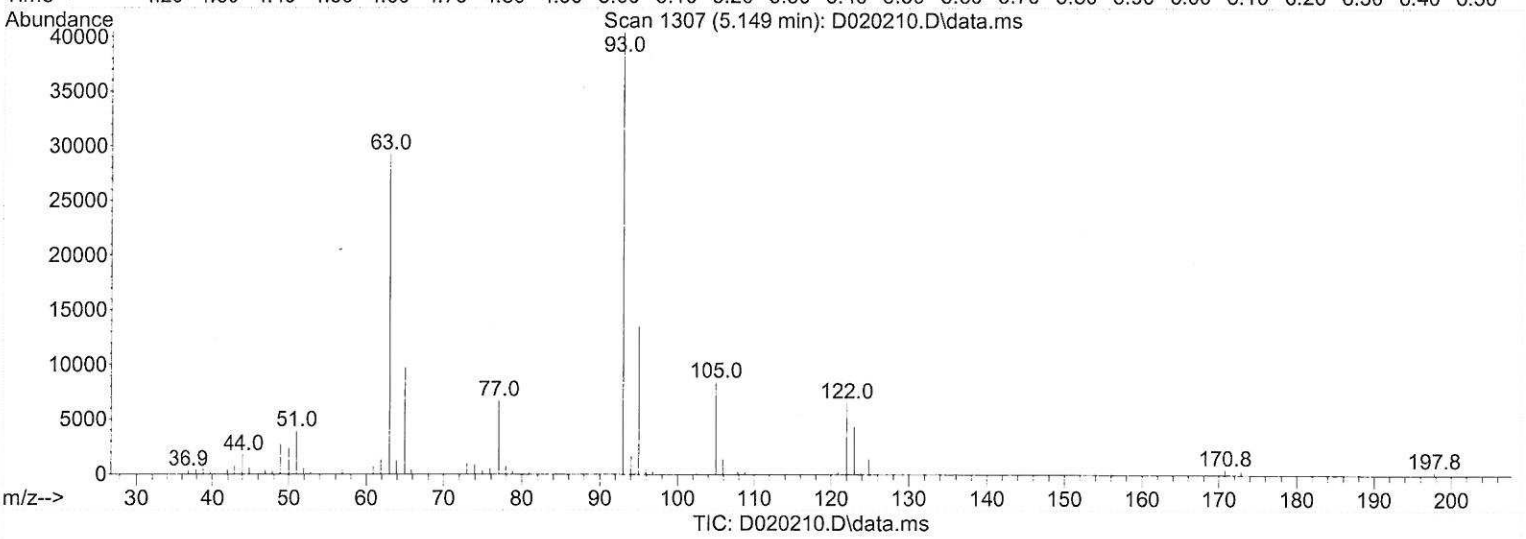
Ion	Exp%	Act%
122.00	100	100
105.00	131.00	132.79
77.00	99.80	103.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 09:13:03 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020210.D\data.ms

(26) Benzoic Acid

5.149min (-0.043) 13.24 ug/ml m

response 9041

Ion	Exp%	Act%
122.00	100	100
105.00	131.00	111.57
77.00	99.80	87.00
0.00	0.00	0.00

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MSD1	File ID:	D020211a.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 14:35
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene	1.04	0.087	0.19	
208-96-8	Acenaphthylene	1.01	0.087	0.19	
98-86-2	Acetophenone	1.02	0.13	0.37	
62-53-3	Aniline	0.572	0.12	0.37	MS-09
120-12-7	Anthracene	1.24	0.087	0.19	
92-87-5	Benzidine	0.505	0.087	0.37	MS-09, V-06
56-55-3	Benzo(a)anthracene	1.24	0.087	0.19	
50-32-8	Benzo(a)pyrene	1.18	0.098	0.19	
205-99-2	Benzo(b)fluoranthene	1.10	0.098	0.19	
191-24-2	Benzo(g,h,i)perylene	1.06	0.077	0.19	
207-08-9	Benzo(k)fluoranthene	1.13	0.11	0.19	
65-85-0	Benzoic Acid	0.522	0.16	1.1	MS-09, V-06
111-91-1	Bis(2-chloroethoxy)methane	1.08	0.098	0.37	
111-44-4	Bis(2-chloroethyl)ether	0.993	0.11	0.37	
39638-32-9	Bis(2-chloroisopropyl)ether	0.938	0.11	0.37	
117-81-7	Bis(2-Ethylhexyl)phthalate	1.29	0.11	0.37	
101-55-3	4-Bromophenylphenylether	1.34	0.077	0.37	
85-68-7	Butylbenzylphthalate	1.26	0.12	0.72	
86-74-8	Carbazole	1.28	0.087	0.19	
106-47-8	4-Chloroaniline	0.753	0.098	0.72	
59-50-7	4-Chloro-3-methylphenol	1.20	0.11	0.72	
91-58-7	2-Chloronaphthalene	0.842	0.077	0.37	
95-57-8	2-Chlorophenol	0.982	0.098	0.37	
7005-72-3	4-Chlorophenylphenylether	1.11	0.13	0.37	
218-01-9	Chrysene	1.20	0.087	0.19	
53-70-3	Dibenz(a,h)anthracene	1.14	0.077	0.19	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MSD1	File ID:	D020211a.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 14:35
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
132-64-9	Dibenzofuran	1.02	0.087	0.37	
84-74-2	Di-n-butylphthalate	1.32	0.087	0.37	
95-50-1	1,2-Dichlorobenzene	0.874	0.087	0.37	
541-73-1	1,3-Dichlorobenzene	0.834	0.087	0.37	
106-46-7	1,4-Dichlorobenzene	0.835	0.087	0.37	
91-94-1	3,3-Dichlorobenzidine	1.30	0.066	0.19	R-06
120-83-2	2,4-Dichlorophenol	1.02	0.087	0.37	
84-66-2	Diethylphthalate	1.22	0.11	0.37	
105-67-9	2,4-Dimethylphenol	1.08	0.077	0.37	
131-11-3	Dimethylphthalate	1.19	0.11	0.72	
534-52-1	4,6-Dinitro-2-methylphenol	1.27	0.044	0.37	V-06
51-28-5	2,4-Dinitrophenol	1.03	0.044	0.72	V-06
121-14-2	2,4-Dinitrotoluene	1.11	0.12	0.37	
606-20-2	2,6-Dinitrotoluene	1.18	0.12	0.37	
117-84-0	Di-n-octylphthalate	1.03	0.14	0.72	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	1.31	0.087	0.37	
206-44-0	Fluoranthene	1.10	0.077	0.19	
86-73-7	Fluorene	1.07	0.098	0.19	
118-74-1	Hexachlorobenzene	1.23	0.087	0.37	
87-68-3	Hexachlorobutadiene	0.916	0.066	0.37	
77-47-4	Hexachlorocyclopentadiene	0.742	0.066	0.72	R-06
67-72-1	Hexachloroethane	0.905	0.087	0.37	
193-39-5	Indeno(1,2,3-cd)pyrene	1.15	0.077	0.19	
78-59-1	Isophorone	1.04	0.11	0.37	
90-12-0	1-Methylnaphthalene	1.03	0.11	0.19	
91-57-6	2-Methylnaphthalene	0.933	0.11	0.19	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MSD1	File ID:	D020211a.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 14:35
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-48-7	2-Methylphenol	1.13	0.14	0.37	
108-39-4/106-44-5	3/4-Methylphenol	1.81	0.17	0.37	
91-20-3	Naphthalene	0.904	0.077	0.19	
88-74-4	2-Nitroaniline	1.07	0.11	0.37	
99-09-2	3-Nitroaniline	1.13	0.11	0.37	
100-01-6	4-Nitroaniline	1.12	0.13	0.37	
98-95-3	Nitrobenzene	0.900	0.077	0.37	
88-75-5	2-Nitrophenol	0.988	0.055	0.37	
100-02-7	4-Nitrophenol	1.30	0.044	0.72	
62-75-9	N-Nitrosodimethylamine	0.783	0.066	0.37	
86-30-6	N-Nitrosodiphenylamine	1.84	0.12	0.37	
621-64-7	N-Nitrosodi-n-propylamine	1.24	0.14	0.37	
82-68-8	Pentachloronitrobenzene	1.37	0.12	0.37	
87-86-5	Pentachlorophenol	1.34	0.066	0.37	V-06
85-01-8	Phenanthrene	1.22	0.087	0.19	
108-95-2	Phenol	1.02	0.098	0.37	
129-00-0	Pyrene	1.13	0.11	0.19	
110-86-1	Pyridine	0.514	0.087	0.37	MS-09
95-94-3	1,2,4,5-Tetrachlorobenzene	0.987	0.077	0.37	
120-82-1	1,2,4-Trichlorobenzene	0.925	0.066	0.37	
95-95-4	2,4,5-Trichlorophenol	1.21	0.11	0.37	
88-06-2	2,4,6-Trichlorophenol	1.13	0.077	0.37	

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 09:44:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

CF 2/3/12

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.369	150	54950	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.323	136	131971	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	91084	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	176411	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.303	240	134638	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.814	264	147498	40.00	ug/ml	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol	3.275	112	95251	104.91	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 52.45%			
3) Phenol-d6	4.127	99	132201	114.83	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 57.41%			
20) Nitrobenzene-d5	4.792	82	62933	50.78	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 50.78%			
36) 2-Fluorobiphenyl	6.324	172	140851	55.81	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 55.81%			
37) 2,4,6-Tribromophenol	8.254	330	66974	146.56	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 73.28%			
71) Terphenyl-d14	12.410	244	167304	63.41	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 63.41%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.208	42	10352	21.50	ug/ml#	43
5) Pyridine	1.264	79	13019	14.10	ug/ml#	22
6) Aniline	4.117	93	22559	15.70	ug/ml#	30
7) Phenol	4.136	94	37641	27.93	ug/ml#	86
8) Bis(2-chloroethyl)ether	4.183	93	24842	27.27	ug/ml	99
9) 2-Chlorophenol	4.211	128	27456	26.96	ug/ml	100
10) 1,3-Dichlorobenzene	4.322	146	28493	22.90	ug/ml	99
11) 1,4-Dichlorobenzene	4.385	146	29328	22.91	ug/ml	98
12) 1,2-Dichlorobenzene	4.496	146	28332	24.00	ug/ml	100
13) 2- METHYLPHENOL	4.596	108	28184	31.08	ug/ml	97
14) Bis(2-Chloroisopropyl)...	4.596	45	30373	25.74	ug/ml	89
15) Acetophenone	4.683	105	39767	27.94	ug/ml#	62
16) 3/4- METHYLPHENOL	4.708	107	52337	49.81	ug/ml#	53
17) N-Nitroso-Di-N-Propyla...	4.695	70	21882	34.17	ug/ml#	84
18) Hexachloroethane	4.748	117	12440	24.83	ug/ml	98
21) NITROBENZENE	4.807	77	31258	24.70	ug/ml	97
22) Isophorone	4.984	82	61130	28.46	ug/ml	100
23) 2-Nitrophenol	5.040	139	16310	27.13	ug/ml	98
24) 2,4-Dimethylphenol	5.090	122	27688	29.73	ug/ml	99
25) Bis(2-Chloroethoxy)met...	5.152	93	34744	29.56	ug/ml#	97
26) Benzoic Acid	5.155	122	8595m	14.34	ug/ml	
27) 2,4-Dichlorophenol	5.227	162	28612	28.11	ug/ml	100
28) 1,2,4-Trichlorobenzene	5.283	180	29881	25.38	ug/ml	99
29) Naphthalene	5.342	128	81411	24.82	ug/ml	100
30) 4-Chloroaniline	5.392	127	26856	20.68	ug/ml	98
31) Hexachlorobutadiene	5.448	225	18369	25.15	ug/ml	99
32) 4-Chloro-3-Methylphenol	5.824	107	34432	32.85	ug/ml	100
33) 2-MethylNaphthalene	5.942	142	61309	25.62	ug/ml	100
34) 1-Methylnaphthalene	6.035	142	59309	28.31	ug/ml	99
38) Hexachlorocyclopentadiene	6.103	237	15043	20.38	ug/ml	99
39) 1,2,4,5-Tetrachloroben...	6.110	216	33992	27.10	ug/ml	100
40) 2,4,6-Trichlorophenol	6.237	196	25483	30.98	ug/ml	99
41) 2,4,5-Trichlorophenol	6.277	196	29491	33.29	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

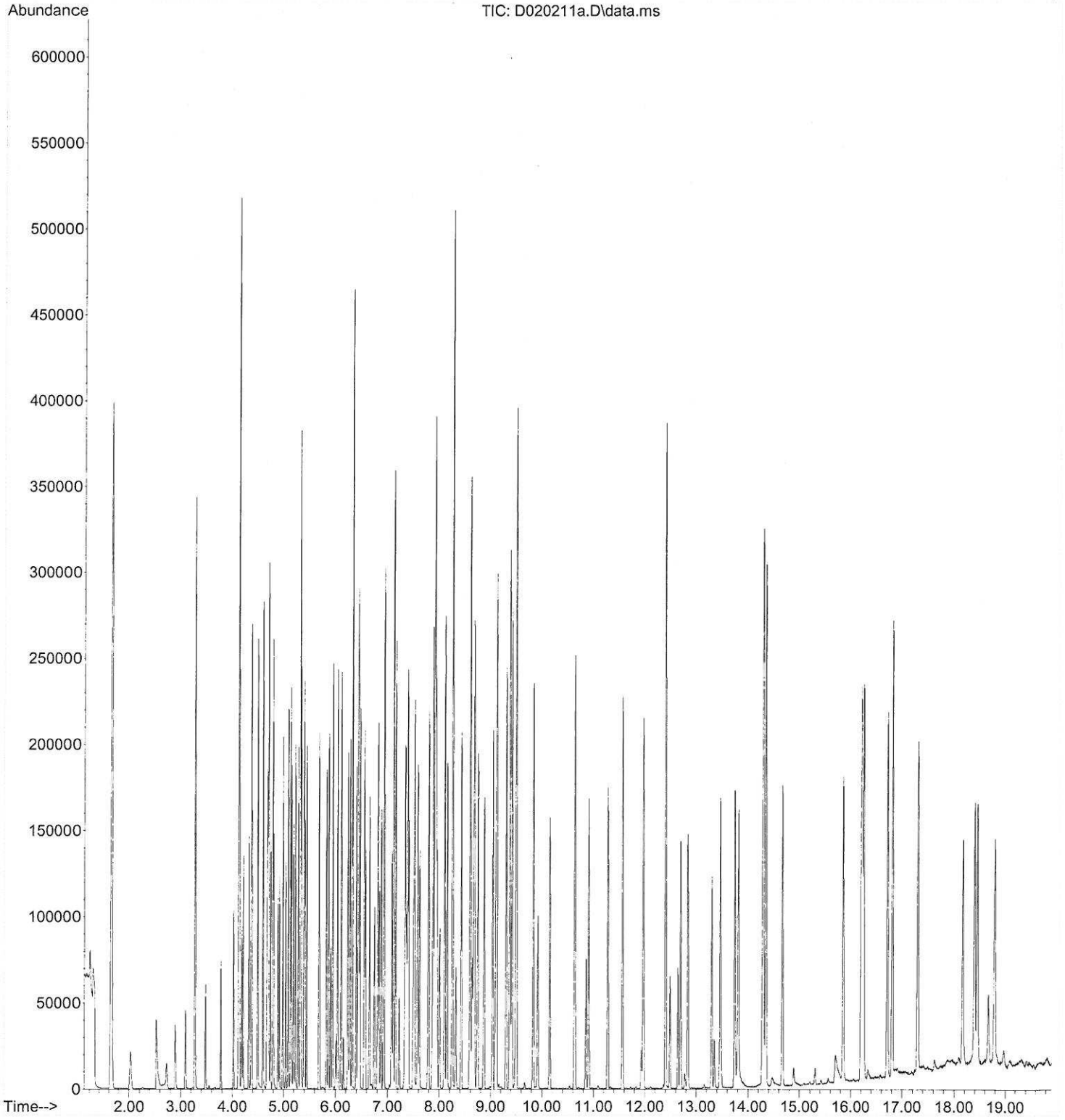
Quant Time: Feb 03 09:44:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42)	2-ChloroNaphthalene	6.442	162	62911	23.12	ug/ml	94
43)	2-Nitroaniline	6.570	65	22559	29.34	ug/ml	97
44)	DIMETHYL PHTHALATE	6.809	163	89988	32.75	ug/ml	100
45)	2,6-DinitroToluene	6.874	165	22315	32.26	ug/ml	99
46)	Acenaphthylene	6.927	152	107821	27.72	ug/ml	100
47)	3-Nitroaniline	7.079	138	22643	30.99	ug/ml	99
48)	Acenaphthene	7.154	154	65915	28.49	ug/ml	99
49)	2,4-Dinitrophenol	7.229	184	8137	28.20	ug/ml	98
50)	4-Nitrophenol	7.362	109	18062	35.64	ug/ml	83
51)	Dibenzofuran	7.387	168	105197	28.04	ug/ml	98
52)	2,4-Dinitrotoluene	7.409	165	32539	30.49	ug/ml#	90
53)	DIETHYL PHTHALATE	7.791	149	105506	33.48	ug/ml	99
54)	4-Chlorophenyl phenyl ...	7.909	204	46646	30.43	ug/ml	98
55)	Flourene	7.875	166	94908	29.39	ug/ml	99
56)	4-Nitroaniline	7.950	138	24370	30.82	ug/ml	99
58)	4,6-Dinitro-2-Methylph...	8.006	198	16352	34.99	ug/ml	100
59)	N-Nitrosodiphenylamine	8.102	169	84269	50.47	ug/ml	98
60)	1,2-Diphenylhydrazine	8.149	77	96131	36.05	ug/ml	100
61)	4-Bromophenyl phenyl e...	8.677	248	29819	36.88	ug/ml	98
62)	Hexachlorobenzene	8.745	284	32897	33.82	ug/ml	100
63)	Pentachlorophenol	9.100	266	22133	36.86	ug/ml	98
64)	Pentachloronitrobenzene	9.121	295	6019	37.69	ug/ml	98
65)	Phenanthrene	9.420	178	145036	33.47	ug/ml	100
66)	Anthracene	9.507	178	147695	34.14	ug/ml	99
67)	Carbazole	9.836	167	134138	35.00	ug/ml	100
68)	Di-N-Butyl Phthalate	10.635	149	189461	36.12	ug/ml	100
69)	Flouranthene	11.571	202	136599	30.30	ug/ml	100
72)	Benzidine	11.934	184	15334	13.86	ug/ml	97
73)	Pyrene	11.975	202	135084	31.04	ug/ml	100
74)	Butylbenzyl phthalate	13.460	149	58632	34.46	ug/ml	99
75)	3,3'-Dichlorobenzidine	14.343	252	33215	35.65	ug/ml	99
76)	Benzo(a)anthracene	14.284	228	117572	34.13	ug/ml	99
77)	Chrysene	14.346	228	109639	32.92	ug/ml	99
78)	Bis(2-ethylhexyl)phtha...	14.663	149	77251	35.46	ug/ml	98
80)	Di-n-octylphthalate	15.850	149	135282	28.30	ug/ml	100
81)	Benzo(b)fluoranthene	16.202	252	131965	30.21	ug/ml	99
82)	Benzo(k)fluoranthene	16.251	252	130185	30.92	ug/ml	99
83)	Benzo(a)pyrene	16.718	252	125322	32.28	ug/ml	99
84)	Indeno(1,2,3-cd)pyrene	18.396	276	94834	31.56	ug/ml	98
85)	Dibenz(a,h)anthracene	18.452	278	95042	31.18	ug/ml	99
86)	Benzo(g,h,i)perylene	18.791	276	94424	29.20	ug/ml	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

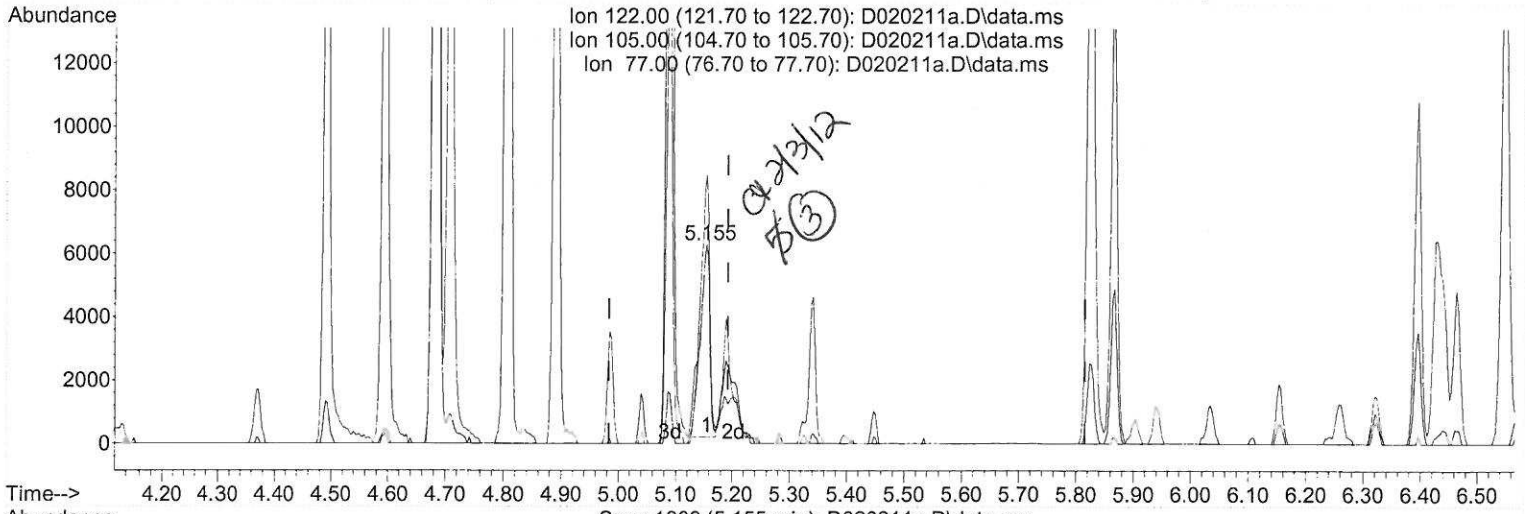
Quant Time: Feb 03 09:44:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

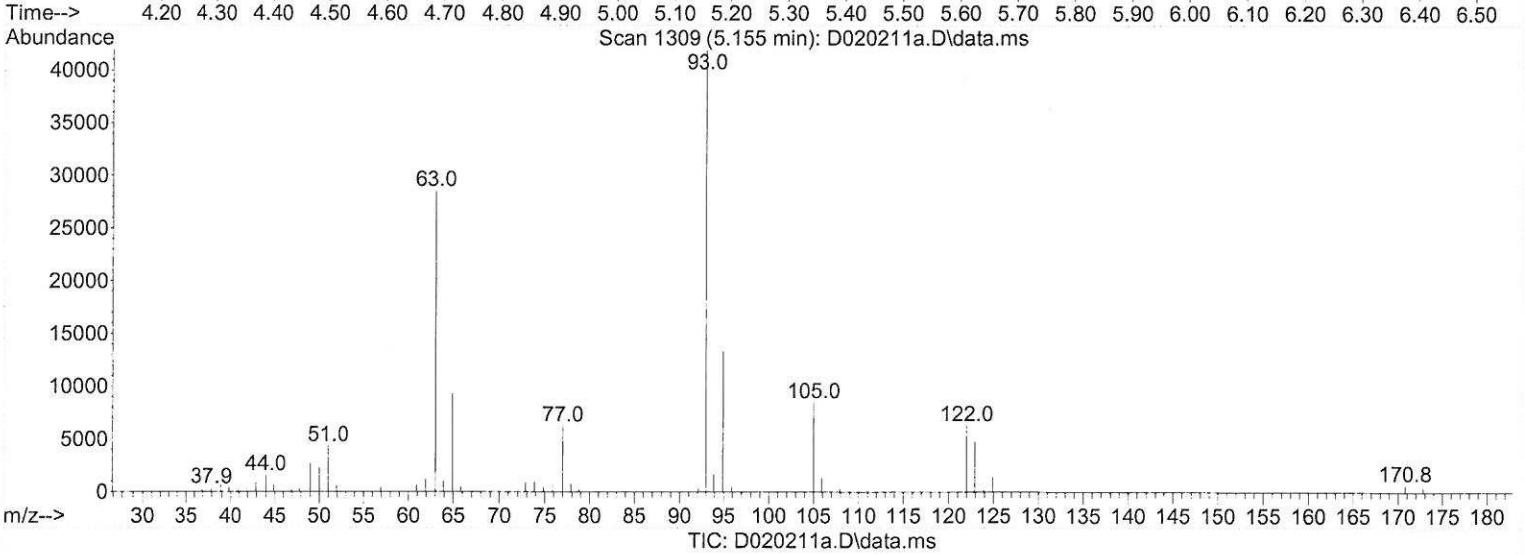


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 09:13:07 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020211a.D\data.ms

(26) Benzoic Acid

5.155min (-0.037) 13.29 ug/ml

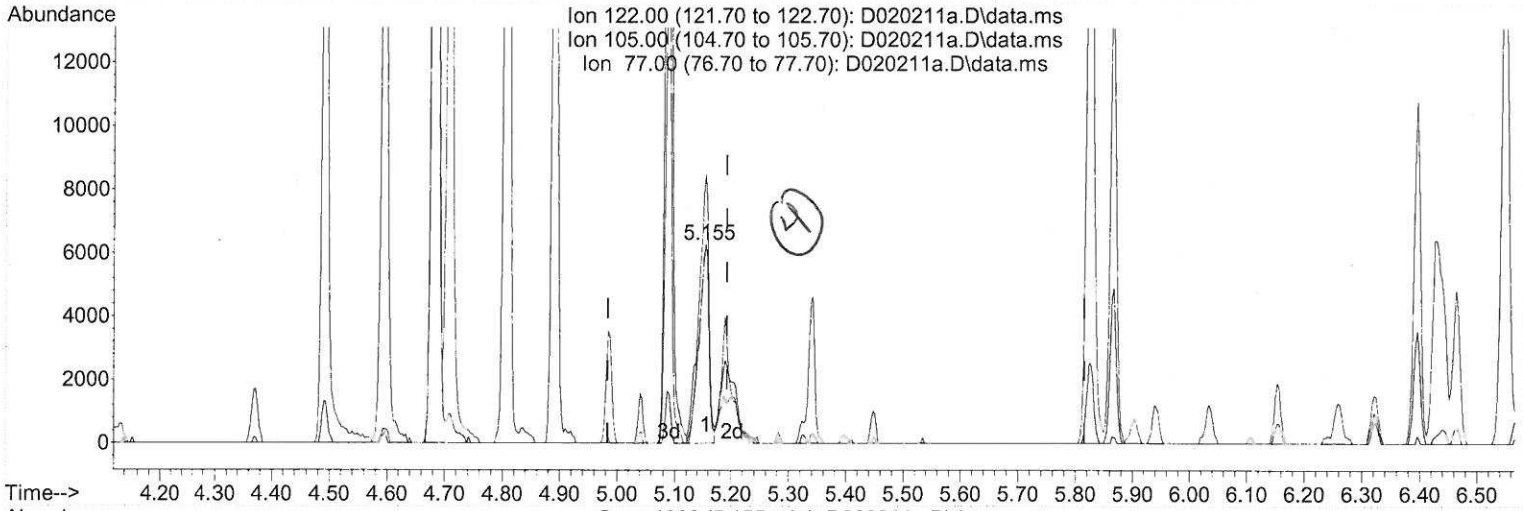
response 7965

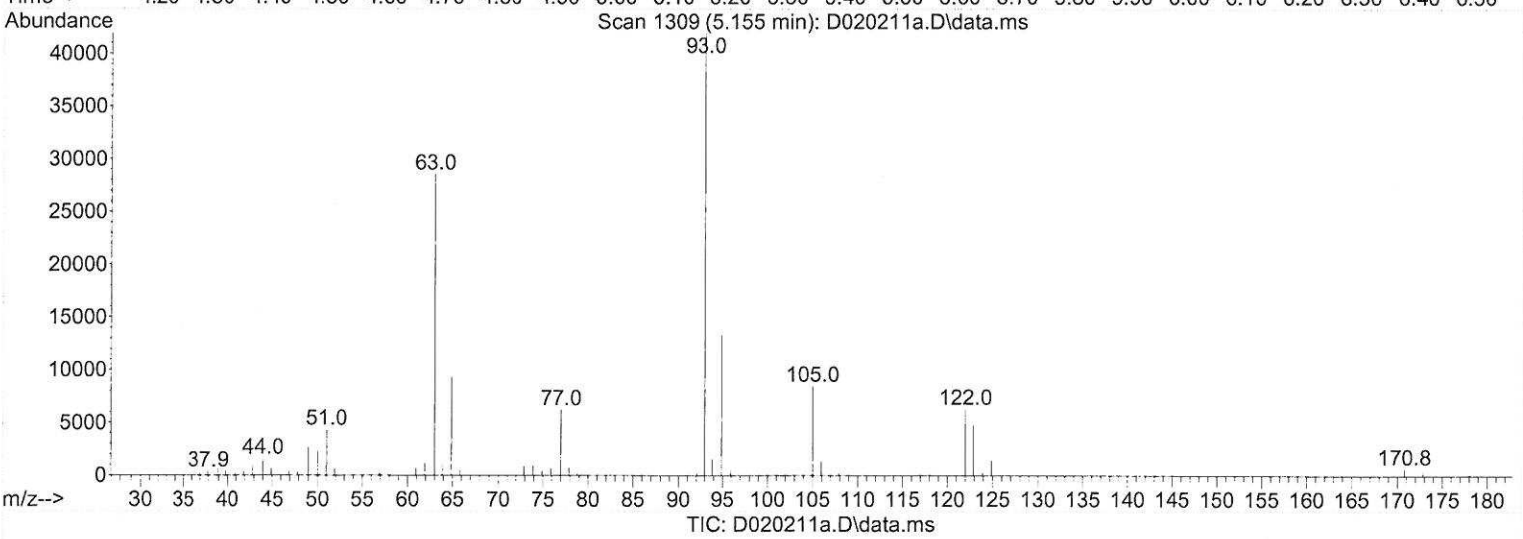
Ion	Exp%	Act%
122.00	100	100
105.00	131.00	128.65
77.00	99.80	100.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 09:13:07 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020211a.D\data.ms

(26) Benzoic Acid

5.155min (-0.037) 14.34 ug/ml m

response 8595

Ion	Exp%	Act%
122.00	100	100
105.00	131.00	119.22
77.00	99.80	92.95
0.00	0.00	0.00

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PEST

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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	F0201045.d
Sampled:	01/27/12 10:00	Prepared:	01/31/12 02:02	Analyzed:	02/01/12 22:46
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	1
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor		0.0011	0.021	
309-00-2	Aldrin		0.00051	0.0051	
319-84-6	alpha-BHC		0.00062	0.0051	
319-85-7	beta-BHC		0.00092	0.0051	
319-86-8	delta-BHC		0.00072	0.0051	
58-89-9	gamma-BHC (Lindane)		0.00082	0.0021	
57-74-9	Chlordane		0.0029	0.021	
72-54-8	4,4'-DDD		0.00010	0.0041	
72-55-9	4,4'-DDE		0.00010	0.0041	
50-29-3	4,4'-DDT [2C]		0.00010	0.0041	
60-57-1	Dieldrin		0.00010	0.0041	
959-98-8	Endosulfan I		0.00082	0.0051	
33213-65-9	Endosulfan II		0.0010	0.0082	
1031-07-8	Endosulfan Sulfate		0.0013	0.0082	
72-20-8	Endrin		0.00021	0.0082	
7421-93-4	Endrin Aldehyde		0.0011	0.0082	
53494-70-5	Endrin Ketone		0.0012	0.0082	
76-44-8	Heptachlor		0.00051	0.0051	
1024-57-3	Heptachlor Epoxide		0.00062	0.0051	
118-74-1	Hexachlorobenzene		0.0014	0.0051	
72-43-5	Methoxychlor [2C]		0.00031	0.051	
8001-35-2	Toxaphene		0.0090	0.10	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:46 pm
Operator : JMB
Sample : 12A0882-01@SEP Inst : ECD 6
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:45:51 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.068	1096.0E6	1162.6E6	114.301	110.841
	Spiked Amount	200.000	Range 60 - 300	Recovery =		57.15%#	55.42%#
24) S	Decachlor...	8.450	8.972	861.7E6	895.4E6	99.386	109.911
	Spiked Amount	200.000	Range 60 - 300	Recovery =		49.69%#	54.96%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
	Average Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

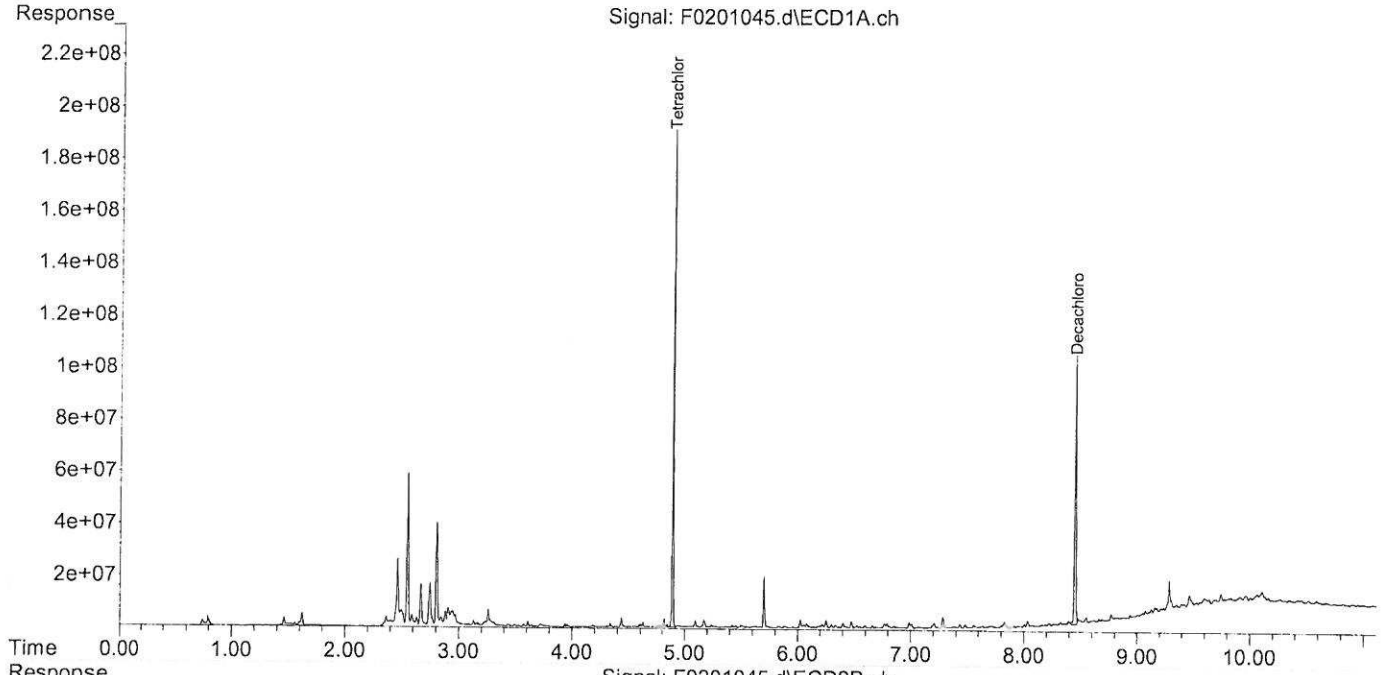
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

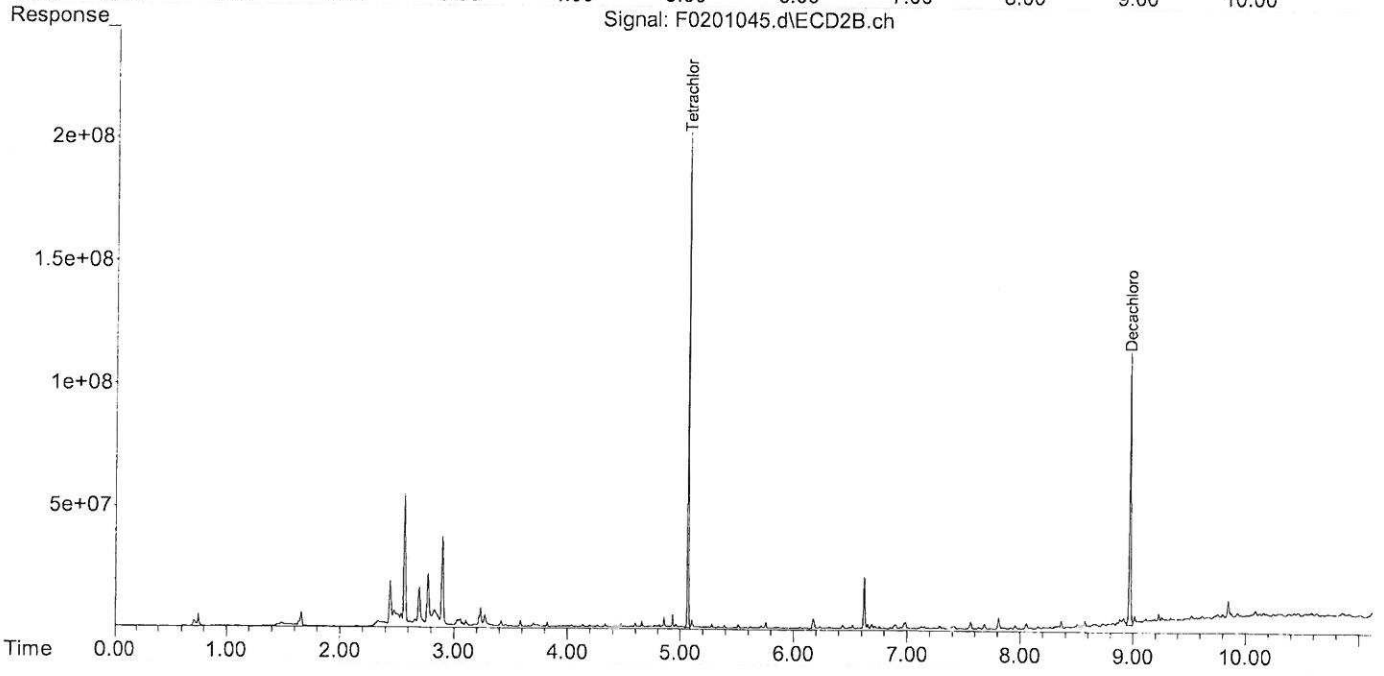
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:46 pm
Operator : JMB
Sample : 12A0882-01@SEP Inst : ECD 6
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:45:51 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	F0201046.d
Sampled:	01/27/12 11:00	Prepared:	01/31/12 02:02	Analyzed:	02/01/12 23:03
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	1
Batch:	B045472	Sequence:	S001743	Calibration:	1200011	Instrument:	ECD6

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor		0.0012	0.021	
309-00-2	Aldrin		0.00053	0.0053	
319-84-6	alpha-BHC		0.00063	0.0053	
319-85-7	beta-BHC		0.00095	0.0053	
319-86-8	delta-BHC		0.00074	0.0053	
58-89-9	gamma-BHC (Lindane)		0.00084	0.0021	
57-74-9	Chlordane		0.0030	0.021	
72-54-8	4,4'-DDD		0.00011	0.0042	
72-55-9	4,4'-DDE		0.00011	0.0042	
50-29-3	4,4'-DDT [2C]		0.00011	0.0042	
60-57-1	Dieldrin		0.00011	0.0042	
959-98-8	Endosulfan I		0.00084	0.0053	
33213-65-9	Endosulfan II		0.0011	0.0084	
1031-07-8	Endosulfan Sulfate		0.0014	0.0084	
72-20-8	Endrin		0.00021	0.0084	
7421-93-4	Endrin Aldehyde		0.0012	0.0084	
53494-70-5	Endrin Ketone		0.0013	0.0084	
76-44-8	Heptachlor		0.00053	0.0053	
1024-57-3	Heptachlor Epoxide		0.00063	0.0053	
118-74-1	Hexachlorobenzene		0.0015	0.0053	
72-43-5	Methoxychlor [2C]		0.00032	0.053	
8001-35-2	Toxaphene		0.0093	0.11	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:03 pm
Operator : JMB
Sample : 12A0882-02@SEP Inst : ECD 6
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:23:03 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.890	5.069	1400.3E6	1484.6E6	146.036	141.534
	Spiked Amount	200.000	Range 60 - 300	Recovery =		73.02%	70.77%
24)	S Decachlor...	8.449	8.971	1129.2E6	1139.0E6	130.238	139.818
	Spiked Amount	200.000	Range 60 - 300	Recovery =		65.12%	69.91%
	Target Compounds						
2)	T Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3)	T alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)	T gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)	T Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6)	T Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)	T Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8)	T Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9)	T Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10)	T Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11)	T Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12)	T A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13)	T 4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14)	T Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15)	T Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16)	T Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17)	T 4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18)	T Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19)	T 4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20)	T Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21)	T Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22)	T End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23)	T Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

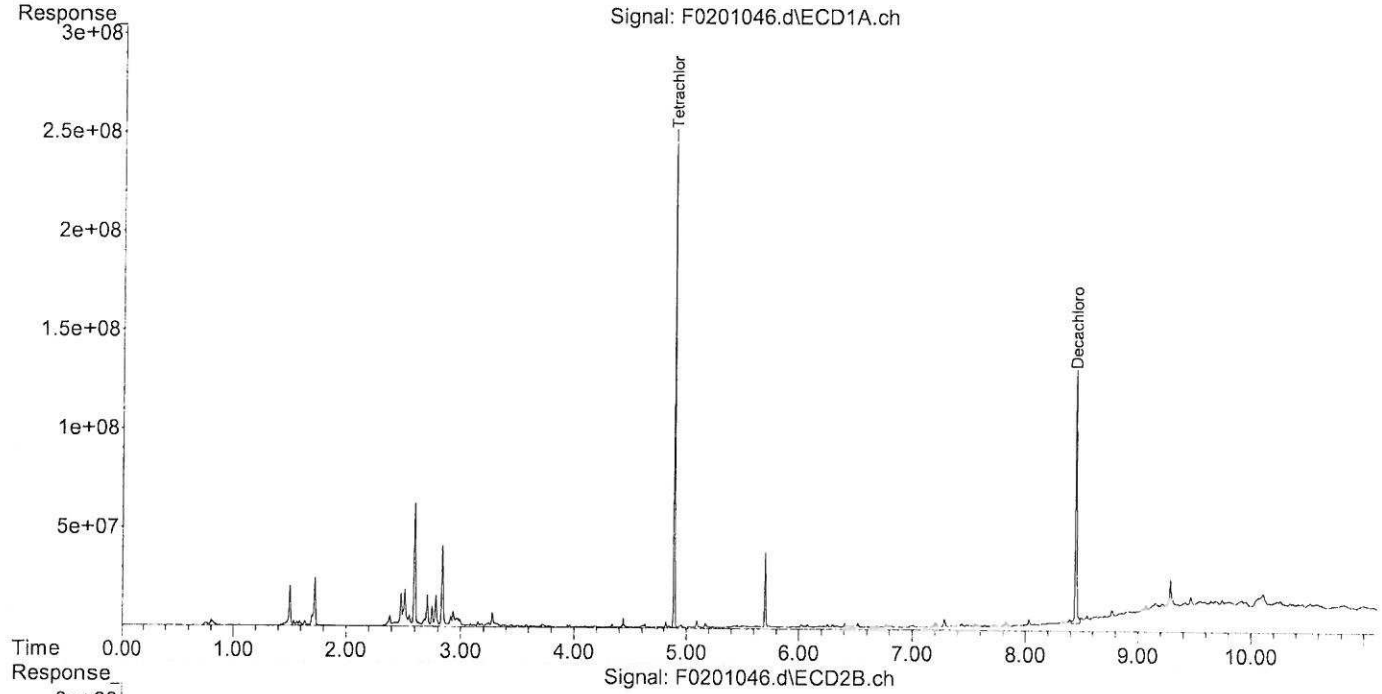
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

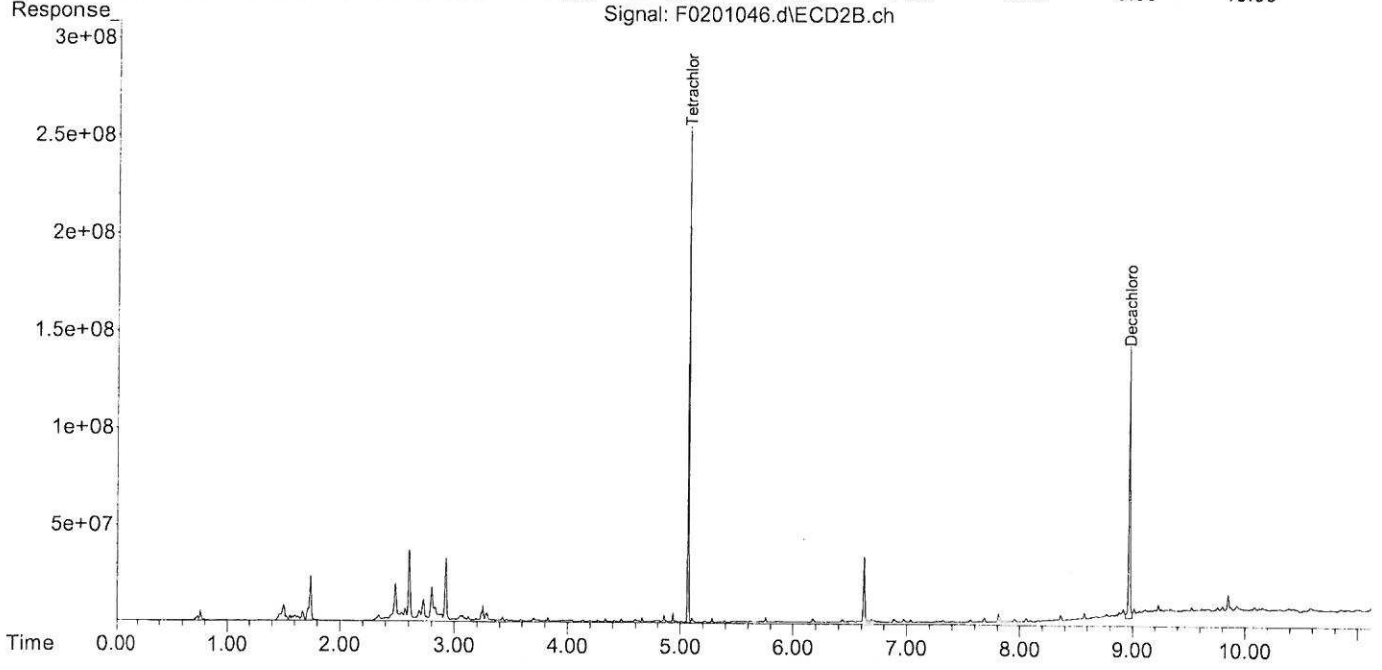
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:03 pm
Operator : JMB
Sample : 12A0882-02@SEP Inst : ECD 6
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:23:03 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	F0201047.d
Sampled:	01/27/12 11:00	Prepared:	01/31/12 02:02	Analyzed:	02/01/12 23:19
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	1
Batch:	B045472	Sequence:	S001743	Calibration:	1200011	Instrument:	ECD6

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor		0.0012	0.021	
309-00-2	Aldrin		0.00053	0.0053	
319-84-6	alpha-BHC		0.00064	0.0053	
319-85-7	beta-BHC		0.00096	0.0053	
319-86-8	delta-BHC		0.00075	0.0053	
58-89-9	gamma-BHC (Lindane)		0.00085	0.0021	
57-74-9	Chlordane		0.0030	0.021	
72-54-8	4,4'-DDD		0.00011	0.0043	
72-55-9	4,4'-DDE		0.00011	0.0043	
50-29-3	4,4'-DDT [2C]		0.00011	0.0043	
60-57-1	Dieldrin		0.00011	0.0043	
959-98-8	Endosulfan I		0.00085	0.0053	
33213-65-9	Endosulfan II		0.0011	0.0085	
1031-07-8	Endosulfan Sulfate		0.0014	0.0085	
72-20-8	Endrin		0.00021	0.0085	
7421-93-4	Endrin Aldehyde		0.0012	0.0085	
53494-70-5	Endrin Ketone		0.0013	0.0085	
76-44-8	Heptachlor		0.00053	0.0053	
1024-57-3	Heptachlor Epoxide		0.00064	0.0053	
118-74-1	Hexachlorobenzene		0.0015	0.0053	
72-43-5	Methoxychlor [2C]		0.00032	0.053	
8001-35-2	Toxaphene		0.0094	0.11	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:19 pm
Operator : JMB
Sample : 12A0882-03@SEP Inst : ECD 6
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:23:31 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.068	1391.3E6	1462.9E6	145.093	139.472
	Spiked Amount	200.000	Range 60 - 300	Recovery =		72.55%	69.74%
24) S	Decachlor...	8.449	8.971	1114.5E6	1110.7E6	128.548	136.337
	Spiked Amount	200.000	Range 60 - 300	Recovery =		64.27%	68.17%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

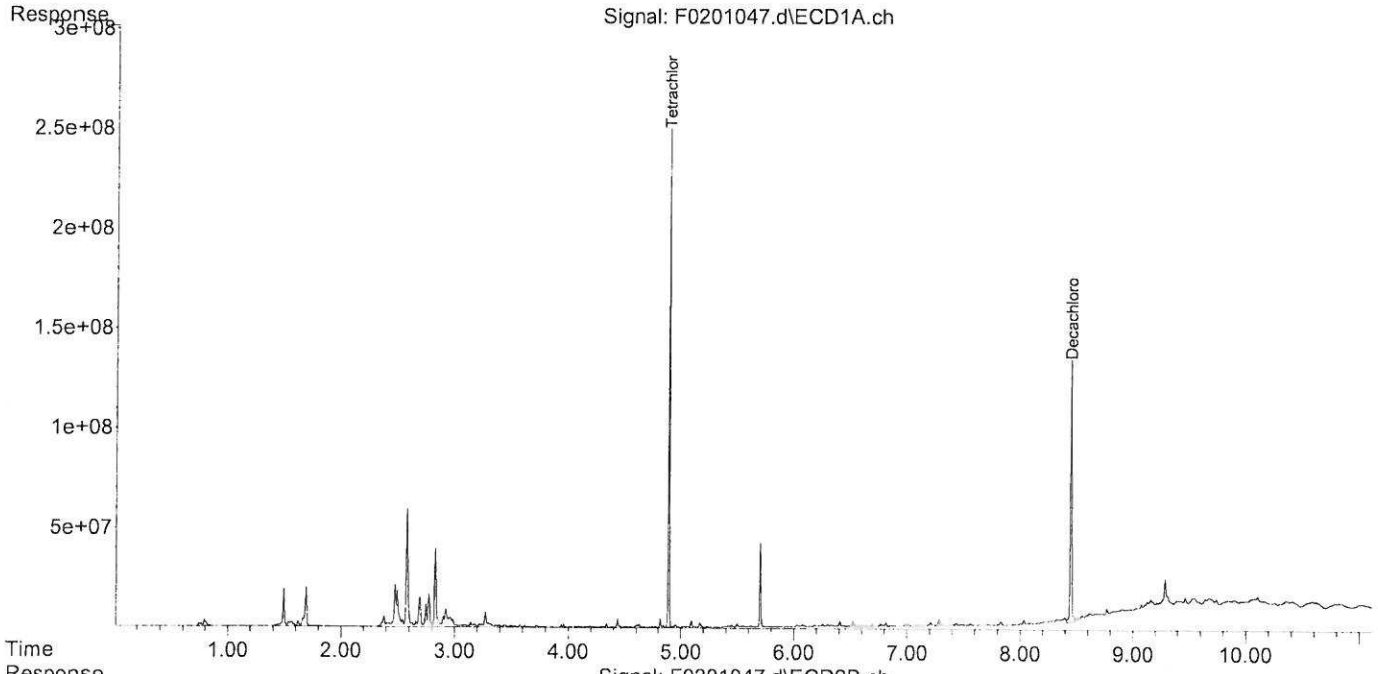
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

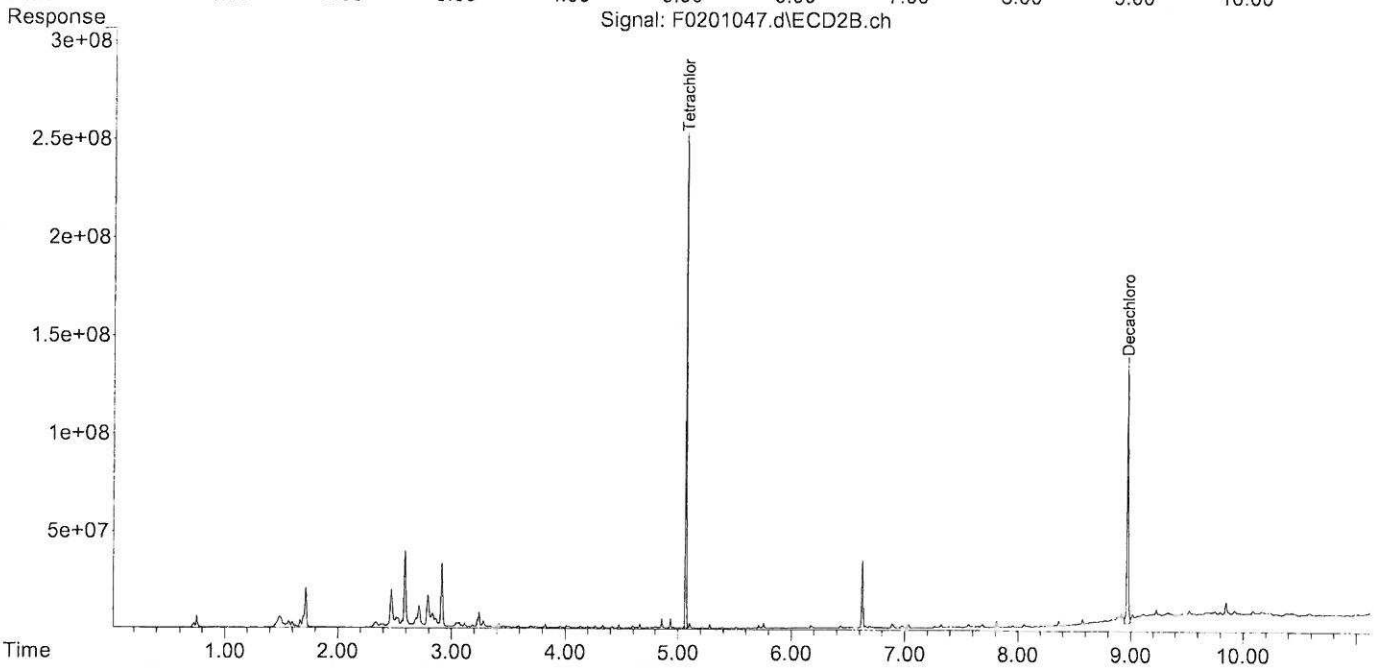
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:19 pm
Operator : JMB
Sample : 12A0882-03@SEP Inst : ECD 6
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:23:31 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	F0201034.d
Sampled:	01/27/12 12:00	Prepared:	01/31/12 02:02	Analyzed:	02/01/12 19:42
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	1
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor		0.0012	0.021	
309-00-2	Aldrin		0.00053	0.0053	
319-84-6	alpha-BHC		0.00064	0.0053	
319-85-7	beta-BHC		0.00095	0.0053	
319-86-8	delta-BHC		0.00074	0.0053	
58-89-9	gamma-BHC (Lindane)		0.00085	0.0021	
57-74-9	Chlordane		0.0030	0.021	
72-54-8	4,4'-DDD		0.00011	0.0042	
72-55-9	4,4'-DDE		0.00011	0.0042	
50-29-3	4,4'-DDT		0.00011	0.0042	
60-57-1	Dieldrin		0.00011	0.0042	
959-98-8	Endosulfan I		0.00085	0.0053	
33213-65-9	Endosulfan II		0.0011	0.0085	
1031-07-8	Endosulfan Sulfate		0.0014	0.0085	
72-20-8	Endrin		0.00021	0.0085	
7421-93-4	Endrin Aldehyde		0.0012	0.0085	
53494-70-5	Endrin Ketone		0.0013	0.0085	
76-44-8	Heptachlor		0.00053	0.0053	
1024-57-3	Heptachlor Epoxide		0.00064	0.0053	
118-74-1	Hexachlorobenzene		0.0015	0.0053	
72-43-5	Methoxychlor		0.00032	0.053	
8001-35-2	Toxaphene		0.0093	0.11	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201034.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 7:42 pm
Operator : JMB
Sample : 12A0882-04 Inst : ECD 6
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:12:43 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.891	5.069	1497.0E6	1634.4E6	156.114	155.820
	Spiked Amount	200.000	Range 60 - 300	Recovery =		78.06%	77.91%
24) S	Decachlor...	8.450	8.971	1299.2E6	1268.2E6	149.849	155.674
	Spiked Amount	200.000	Range 60 - 300	Recovery =		74.92%	77.84%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

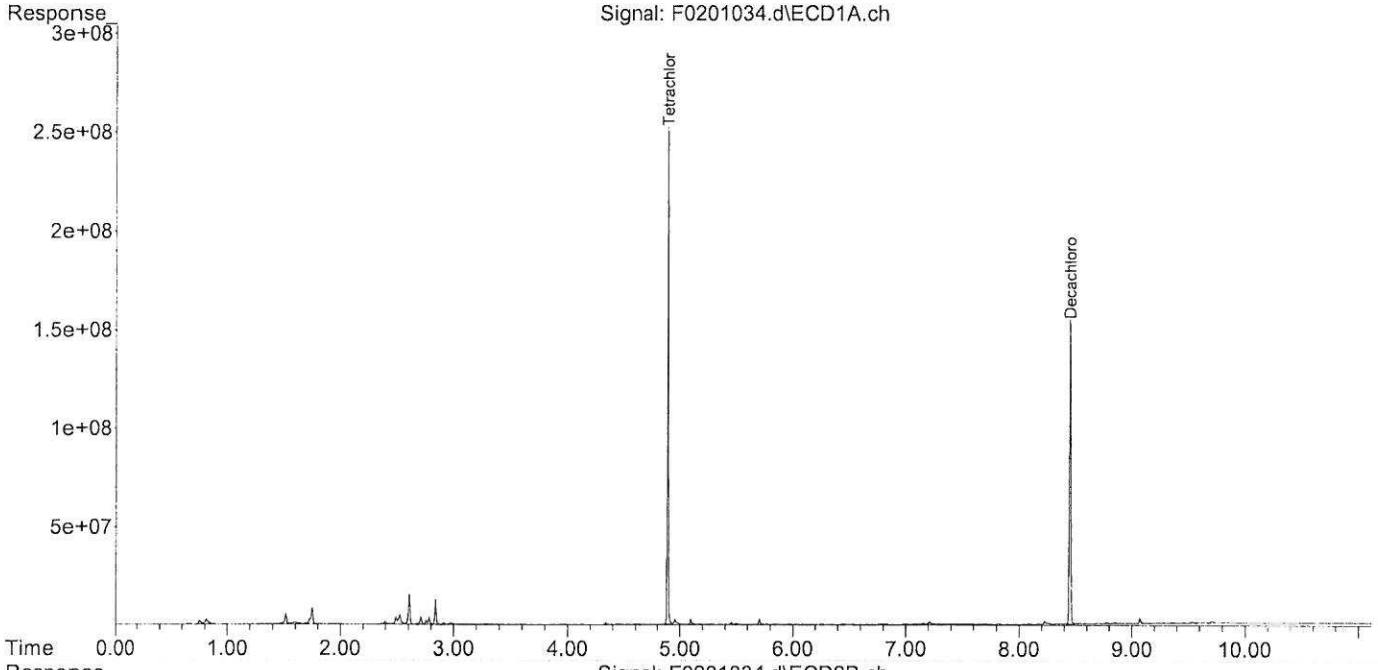
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

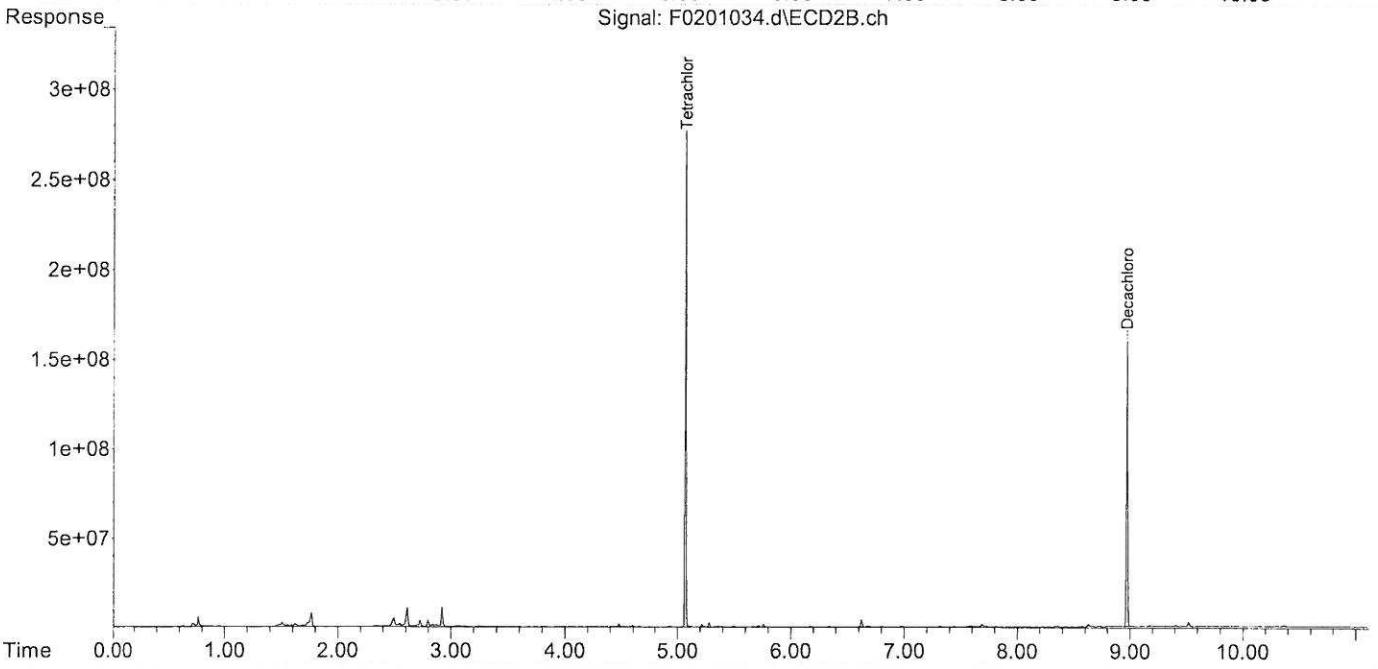
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201034.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 7:42 pm
Operator : JMB
Sample : 12A0882-04 Inst : ECD 6
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:12:43 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Instrument:	ECD6

	DCB 1 (30% - 150%)	DCB 2 (30% - 150%)	TCX 1 (30% - 150%)	TCX 2 (30% - 150%)
12A0882-01	49.7	55.0	57.2	55.4
12A0882-02	65.1	69.9	73.0	70.8
12A0882-03	64.3	68.2	72.5	69.7
12A0882-04	74.9	77.8	78.1	77.9
B045472-BLK1	91.2	93.1	93.6	88.6
B045472-BS1	87.3	89.0	89.2	83.2
B045472-BSD1	80.6	81.9	82.6	80.0
B045472-MS1	79.6	84.5	86.5	84.7
B045472-MSD1	62.4	64.4	66.7	65.3

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8081B
Batch:	B045472	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045472-MS1
Initial/Final:	10.1 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	1		

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Alachlor	0.0216	ND	0.018	82.8	30 - 150
Aldrin	0.0216	ND	0.020	92.1	30 - 150
alpha-BHC	0.0216	ND	0.021	95.3	30 - 150
beta-BHC	0.0216	ND	0.020	91.3	30 - 150
delta-BHC	0.0216	ND	0.020	90.5	30 - 150
gamma-BHC (Lindane)	0.0216	ND	0.019	88.6	30 - 150
4,4'-DDD	0.0216	ND	0.020	92.6	30 - 150
4,4'-DDE	0.0216	ND	0.020	92.7	30 - 150
4,4'-DDT	0.0216	ND	0.023	107	30 - 150
Dieldrin	0.0216	ND	0.020	93.6	30 - 150
Endosulfan I	0.0216	ND	0.019	89.8	30 - 150
Endosulfan II	0.0216	ND	0.020	90.2	30 - 150
Endosulfan Sulfate	0.0216	ND	0.019	89.8	30 - 150
Endrin	0.0216	ND	0.021	95.7	30 - 150
Endrin Aldehyde	0.0216	ND	0.015	67.7	30 - 150
Endrin Ketone	0.0216	ND	0.019	86.7	30 - 150
Heptachlor	0.0216	ND	0.020	92.6	30 - 150
Heptachlor Epoxide	0.0216	ND	0.020	91.3	30 - 150
Hexachlorobenzene	0.0216	ND	0.020	90.9	30 - 150
Methoxychlor	0.0216	ND	0.024	110	30 - 150

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8081B
Batch:	B045472	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045472-MSD1
Initial/Final:	10.1 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	1		

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Alachlor	0.0216	0.014	63.7	26.1	30	30 - 150
Aldrin	0.0216	0.015	71.4	25.3	30	30 - 150
alpha-BHC	0.0216	0.016	73.8	25.4	30	30 - 150
beta-BHC	0.0216	0.015	71.6	24.1	30	30 - 150
delta-BHC	0.0216	0.015	68.2	28.2	30	30 - 150
gamma-BHC (Lindane)	0.0216	0.015	68.5	25.6	30	30 - 150
4,4'-DDD	0.0216	0.015	71.2	26.1	30	30 - 150
4,4'-DDE	0.0216	0.015	71.6	25.7	30	30 - 150
4,4'-DDT	0.0216	0.018	82.6	26.1	30	30 - 150
Dieldrin	0.0216	0.016	72.7	25.1	30	30 - 150
Endosulfan I	0.0216	0.015	70.0	24.8	30	30 - 150
Endosulfan II	0.0216	0.015	70.3	24.8	30	30 - 150
Endosulfan Sulfate	0.0216	0.015	69.8	25.1	30	30 - 150
Endrin	0.0216	0.016	75.3	23.9	30	30 - 150
Endrin Aldehyde	0.0216	0.012	53.2	23.9	30	30 - 150
Endrin Ketone	0.0216	0.015	68.1	24.1	30	30 - 150
Heptachlor	0.0216	0.016	71.9	25.3	30	30 - 150
Heptachlor Epoxide	0.0216	0.015	71.3	24.5	30	30 - 150
Hexachlorobenzene	0.0216	0.016	72.7	22.2	30	30 - 150
Methoxychlor	0.0216	0.019	85.9	24.8	30	30 - 150

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8081B
Batch:	B045472	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045472-MS1
Initial/Final:	10.1 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	2		

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Alachlor [2C]	0.0216	ND	0.018	81.8	30 - 150
Aldrin [2C]	0.0216	ND	0.020	93.3	30 - 150
alpha-BHC [2C]	0.0216	ND	0.019	88.8	30 - 150
beta-BHC [2C]	0.0216	ND	0.019	89.1	30 - 150
delta-BHC [2C]	0.0216	ND	0.019	87.4	30 - 150
gamma-BHC (Lindane) [2C]	0.0216	ND	0.019	87.5	30 - 150
4,4'-DDD [2C]	0.0216	ND	0.020	93.0	30 - 150
4,4'-DDE [2C]	0.0216	ND	0.020	93.1	30 - 150
4,4'-DDT [2C]	0.0216	ND	0.021	99.3	30 - 150
Dieldrin [2C]	0.0216	ND	0.021	95.7	30 - 150
Endosulfan I [2C]	0.0216	ND	0.020	92.7	30 - 150
Endosulfan II [2C]	0.0216	ND	0.020	91.3	30 - 150
Endosulfan Sulfate [2C]	0.0216	ND	0.020	90.5	30 - 150
Endrin [2C]	0.0216	ND	0.021	98.6	30 - 150
Endrin Aldehyde [2C]	0.0216	ND	0.014	66.7	30 - 150
Endrin Ketone [2C]	0.0216	ND	0.019	87.2	30 - 150
Heptachlor [2C]	0.0216	ND	0.020	93.1	30 - 150
Heptachlor Epoxide [2C]	0.0216	ND	0.020	91.2	30 - 150
Hexachlorobenzene [2C]	0.0216	ND	0.018	85.2	30 - 150
Methoxychlor [2C]	0.0216	ND	0.022	101	30 - 150

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8081B
Batch:	B045472	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045472-MSD1
Initial/Final:	10.1 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	2		

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Alachlor [2C]	0.0216	0.013	62.3	27.1	30	30 - 150
Aldrin [2C]	0.0216	0.016	72.3	25.3	30	30 - 150
alpha-BHC [2C]	0.0216	0.015	68.8	25.4	30	30 - 150
beta-BHC [2C]	0.0216	0.015	70.5	23.4	30	30 - 150
delta-BHC [2C]	0.0216	0.015	67.4	26.0	30	30 - 150
gamma-BHC (Lindane) [2C]	0.0216	0.015	68.4	24.5	30	30 - 150
4,4'-DDD [2C]	0.0216	0.016	72.8	24.4	30	30 - 150
4,4'-DDE [2C]	0.0216	0.016	71.9	25.7	30	30 - 150
4,4'-DDT [2C]	0.0216	0.017	76.7	25.6	30	30 - 150
Dieldrin [2C]	0.0216	0.016	73.8	25.8	30	30 - 150
Endosulfan I [2C]	0.0216	0.016	72.1	24.9	30	30 - 150
Endosulfan II [2C]	0.0216	0.015	71.1	24.9	30	30 - 150
Endosulfan Sulfate [2C]	0.0216	0.015	71.3	23.6	30	30 - 150
Endrin [2C]	0.0216	0.017	77.6	23.9	30	30 - 150
Endrin Aldehyde [2C]	0.0216	0.011	51.6	25.4	30	30 - 150
Endrin Ketone [2C]	0.0216	0.015	67.8	25.1	30	30 - 150
Heptachlor [2C]	0.0216	0.016	72.2	25.3	30	30 - 150
Heptachlor Epoxide [2C]	0.0216	0.015	71.5	24.2	30	30 - 150
Hexachlorobenzene [2C]	0.0216	0.015	68.6	21.6	30	30 - 150
Methoxychlor [2C]	0.0216	0.017	79.7	23.7	30	30 - 150

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045472	Laboratory ID:	B045472-BS1
Column:	1	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Alachlor	0.0200	0.018	92.0	40 - 140
Aldrin	0.0200	0.020	101	40 - 140
alpha-BHC	0.0200	0.019	94.2	40 - 140
beta-BHC	0.0200	0.020	100	40 - 140
delta-BHC	0.0200	0.019	93.8	40 - 140
gamma-BHC (Lindane)	0.0200	0.019	93.7	40 - 140
4,4'-DDD	0.0200	0.020	98.2	40 - 140
4,4'-DDE	0.0200	0.020	99.3	40 - 140
4,4'-DDT	0.0200	0.021	106	40 - 140
Dieldrin	0.0200	0.021	103	40 - 140
Endosulfan I	0.0200	0.020	100	40 - 140
Endosulfan II	0.0200	0.020	99.2	40 - 140
Endosulfan Sulfate	0.0200	0.020	99.1	40 - 140
Endrin	0.0200	0.020	102	40 - 140
Endrin Aldehyde	0.0200	0.015	75.0	40 - 140
Endrin Ketone	0.0200	0.019	96.2	40 - 140
Heptachlor	0.0200	0.020	99.3	40 - 140
Heptachlor Epoxide	0.0200	0.020	99.4	40 - 140
Hexachlorobenzene	0.0200	0.020	98.4	40 - 140
Methoxychlor	0.0200	0.021	106	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Alachlor	0.0200	0.016	82.0	11.5	30	40 - 140
Aldrin	0.0200	0.018	91.2	10.2	30	40 - 140
alpha-BHC	0.0200	0.017	86.4	8.63	30	40 - 140
beta-BHC	0.0200	0.018	87.7	13.5	30	40 - 140
delta-BHC	0.0200	0.017	84.6	10.4	30	40 - 140
gamma-BHC (Lindane)	0.0200	0.017	84.8	9.87	30	40 - 140
4,4'-DDD	0.0200	0.018	88.3	10.6	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045472	Laboratory ID:	B045472-BSD1
Column:	1	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,4'-DDE	0.0200	0.018	89.3	10.6	30	40 - 140
4,4'-DDT	0.0200	0.019	93.3	12.3	30	40 - 140
Dieldrin	0.0200	0.019	92.5	10.4	30	40 - 140
Endosulfan I	0.0200	0.018	89.8	10.9	30	40 - 140
Endosulfan II	0.0200	0.018	88.9	10.9	30	40 - 140
Endosulfan Sulfate	0.0200	0.018	89.4	10.3	30	40 - 140
Endrin	0.0200	0.018	91.6	10.4	30	40 - 140
Endrin Aldehyde	0.0200	0.014	68.3	9.31	30	40 - 140
Endrin Ketone	0.0200	0.017	85.5	11.8	30	40 - 140
Heptachlor	0.0200	0.018	89.9	9.87	30	40 - 140
Heptachlor Epoxide	0.0200	0.018	90.2	9.67	30	40 - 140
Hexachlorobenzene	0.0200	0.018	87.8	11.3	30	40 - 140
Methoxychlor	0.0200	0.019	94.9	10.7	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045472	Laboratory ID:	B045472-BS1
Column:	2	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Alachlor [2C]	0.0200	0.019	94.1	40 - 140
Aldrin [2C]	0.0200	0.020	101	40 - 140
alpha-BHC [2C]	0.0200	0.019	92.8	40 - 140
beta-BHC [2C]	0.0200	0.019	95.0	40 - 140
delta-BHC [2C]	0.0200	0.018	90.4	40 - 140
gamma-BHC (Lindane) [2C]	0.0200	0.019	94.2	40 - 140
4,4'-DDD [2C]	0.0200	0.020	98.8	40 - 140
4,4'-DDE [2C]	0.0200	0.020	101	40 - 140
4,4'-DDT [2C]	0.0200	0.021	103	40 - 140
Dieldrin [2C]	0.0200	0.021	103	40 - 140
Endosulfan I [2C]	0.0200	0.020	100	40 - 140
Endosulfan II [2C]	0.0200	0.020	99.1	40 - 140
Endosulfan Sulfate [2C]	0.0200	0.020	99.7	40 - 140
Endrin [2C]	0.0200	0.021	103	40 - 140
Endrin Aldehyde [2C]	0.0200	0.016	77.6	40 - 140
Endrin Ketone [2C]	0.0200	0.019	96.1	40 - 140
Heptachlor [2C]	0.0200	0.020	100	40 - 140
Heptachlor Epoxide [2C]	0.0200	0.020	100	40 - 140
Hexachlorobenzene [2C]	0.0200	0.018	92.4	40 - 140
Methoxychlor [2C]	0.0200	0.020	102	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Alachlor [2C]	0.0200	0.017	83.9	11.5	30	40 - 140
Aldrin [2C]	0.0200	0.018	91.2	10.2	30	40 - 140
alpha-BHC [2C]	0.0200	0.017	84.7	9.17	30	40 - 140
beta-BHC [2C]	0.0200	0.017	86.5	9.46	30	40 - 140
delta-BHC [2C]	0.0200	0.017	83.1	8.34	30	40 - 140
gamma-BHC (Lindane) [2C]	0.0200	0.017	84.0	11.4	30	40 - 140
4,4'-DDD [2C]	0.0200	0.018	88.4	11.1	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045472	Laboratory ID:	B045472-BSD1
Column:	2	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,4'-DDE [2C]	0.0200	0.018	90.2	10.8	30	40 - 140
4,4'-DDT [2C]	0.0200	0.018	92.0	10.9	30	40 - 140
Dieldrin [2C]	0.0200	0.019	92.8	10.8	30	40 - 140
Endosulfan I [2C]	0.0200	0.018	90.4	10.3	30	40 - 140
Endosulfan II [2C]	0.0200	0.018	89.3	10.5	30	40 - 140
Endosulfan Sulfate [2C]	0.0200	0.018	89.8	10.4	30	40 - 140
Endrin [2C]	0.0200	0.018	92.2	10.7	30	40 - 140
Endrin Aldehyde [2C]	0.0200	0.014	70.7	9.23	30	40 - 140
Endrin Ketone [2C]	0.0200	0.017	86.3	10.7	30	40 - 140
Heptachlor [2C]	0.0200	0.018	90.8	9.75	30	40 - 140
Heptachlor Epoxide [2C]	0.0200	0.018	90.3	10.3	30	40 - 140
Hexachlorobenzene [2C]	0.0200	0.017	82.8	10.9	30	40 - 140
Methoxychlor [2C]	0.0200	0.019	93.2	9.48	30	40 - 140

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B045472-BLK1	Batch:	B045472

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B045472-MSD1	F0201038.d	20:49
Matrix Spike	B045472-MS1	F0201037.d	20:33
LCS Dup	B045472-BSD1	F0201030.d	18:36
LCS	B045472-BS1	F0201029.d	18:19
FPC-SB03	12A0882-04	F0201034.d	19:42
FPC-SB02/D	12A0882-03	F0201047.d	23:19
FPC-SB02	12A0882-02	F0201046.d	23:03
FPC-SB01	12A0882-01	F0201045.d	22:46

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CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
alpha-Chlordane												
alpha-Chlordane [2C]												
gamma-Chlordane												
gamma-Chlordane [2C]												
Alachlor												
Alachlor [2C]												
Aldrin												
Aldrin [2C]												
alpha-BHC												
alpha-BHC [2C]												
beta-BHC												
beta-BHC [2C]												
delta-BHC												
delta-BHC [2C]												
gamma-BHC (Lindane)												
gamma-BHC (Lindane) [2C]												
4,4'-DDD												
4,4'-DDD [2C]												
4,4'-DDE												
4,4'-DDE [2C]												
4,4'-DDT												
4,4'-DDT [2C]												
Dieldrin												
Dieldrin [2C]												
Endosulfan I												
Endosulfan I [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Endosulfan II												
Endosulfan II [2C]												
Endosulfan Sulfate												
Endosulfan Sulfate [2C]												
Endrin												
Endrin [2C]												
Endrin Aldehyde												
Endrin Aldehyde [2C]												
Endrin Ketone												
Endrin Ketone [2C]												
Heptachlor												
Heptachlor [2C]												
Heptachlor Epoxide												
Heptachlor Epoxide [2C]												
Hexachlorobenzene												
Hexachlorobenzene [2C]												
Methoxychlor												
Methoxychlor [2C]												
Toxaphene												
Toxaphene [2C]												
Chlordane (1)	20	418886	50	418399	100	422930.6	200	451361.2	250	443600	500	451600
Chlordane (1) [2C]	20	401946.9	50	388419.6	100	408945.4	200	442055.8	250	432400	500	441200
Chlordane (2)	20	574127	50	562532	100	586311.1	200	625000	250	613200	500	619200
Chlordane (2) [2C]	20	547681.5	50	537917	100	579506	200	629000	250	610000	500	618600
Chlordane (3)	20	486636.6	50	447652.8	100	447456.5	200	454938.3	250	446000	500	439000
Chlordane (3) [2C]	20	459247.3	50	416568	100	422079	200	443225	250	423600	500	414400

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Chlordane (4)	20	1404551	50	1374626	100	1467000	200	1549500	250	1510400	500	1511600
Chlordane (4) [2C]	20	1059101	50	1014811	100	1115000	200	1199000	250	1152000	500	1169800
Chlordane (5)	20	2100259	50	2106000	100	2255000	200	2387500	250	2312400	500	2301600
Chlordane (5) [2C]	20	1032621	50	1004391	100	1105000	200	1185000	250	1138800	500	1152200
Decachlorobiphenyl												
Decachlorobiphenyl [2C]												
Tetrachloro-m-xylene												
Tetrachloro-m-xylene [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
alpha-Chlordane												
alpha-Chlordane [2C]												
gamma-Chlordane												
gamma-Chlordane [2C]												
Alachlor												
Alachlor [2C]												
Aldrin												
Aldrin [2C]												
alpha-BHC												
alpha-BHC [2C]												
beta-BHC												
beta-BHC [2C]												
delta-BHC												
delta-BHC [2C]												
gamma-BHC (Lindane)												
gamma-BHC (Lindane) [2C]												
4,4'-DDD												
4,4'-DDD [2C]												
4,4'-DDE												
4,4'-DDE [2C]												
4,4'-DDT												
4,4'-DDT [2C]												
Dieldrin												
Dieldrin [2C]												
Endosulfan I												
Endosulfan I [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Endosulfan II												
Endosulfan II [2C]												
Endosulfan Sulfate												
Endosulfan Sulfate [2C]												
Endrin												
Endrin [2C]												
Endrin Aldehyde												
Endrin Aldehyde [2C]												
Endrin Ketone												
Endrin Ketone [2C]												
Heptachlor												
Heptachlor [2C]												
Heptachlor Epoxide												
Heptachlor Epoxide [2C]												
Hexachlorobenzene												
Hexachlorobenzene [2C]												
Methoxychlor												
Methoxychlor [2C]												
Toxaphene	50	6908000	100	6779001	200	6840500	250	8337200	500	8451800	750	7045067
Toxaphene [2C]	50	7674000	100	7396000	200	7296500	250	8518400	500	8824800	750	7276933
Chlordane (1)												
Chlordane (1) [2C]												
Chlordane (2)												
Chlordane (2) [2C]												
Chlordane (3)												
Chlordane (3) [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Chlordane (4)												
Chlordane (4) [2C]												
Chlordane (5)												
Chlordane (5) [2C]												
Decachlorobiphenyl												
Decachlorobiphenyl [2C]												
Tetrachloro-m-xylene												
Tetrachloro-m-xylene [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
		RF		RF		RF		RF		RF		RF
alpha-Chlordane					5	1.015585E+07	10	1.067E+07	20	1.1285E+07	50	1.0796E+07
alpha-Chlordane [2C]					5	1.066807E+07	10	1.122E+07	20	1.181E+07	50	1.1182E+07
gamma-Chlordane					5	1.020493E+07	10	1.081E+07	20	1.1435E+07	50	1.112E+07
gamma-Chlordane [2C]					5	1.079314E+07	10	1.157E+07	20	1.2195E+07	50	1.1594E+07
Alachlor					5	1606735	10	1529601	20	1481439	50	1284015
Alachlor [2C]					5	1819673	10	1782519	20	1749100	50	1497210
Aldrin			1	1.061585E+07	5	1.075679E+07	10	1.152E+07	20	1.239E+07	50	1.1914E+07
Aldrin [2C]			1	1.095532E+07	5	1.113966E+07	10	1.197E+07	20	1.275E+07	50	1.2038E+07
alpha-BHC					5	1.148607E+07	10	1.302E+07	20	1.451E+07	50	1.4178E+07
alpha-BHC [2C]					5	1.211374E+07	10	1.284E+07	20	1.3475E+07	50	1.2792E+07
beta-BHC					5	5012836	10	5050252	20	5360000	50	5076000
beta-BHC [2C]					5	5526028	10	5593555	20	5695000	50	5282000
delta-BHC					5	1.133297E+07	10	1.231E+07	20	1.331E+07	50	1.3046E+07
delta-BHC [2C]					5	1.208869E+07	10	1.314E+07	20	1.4165E+07	50	1.3356E+07
gamma-BHC (Lindane)			1	1.147387E+07	5	1.212052E+07	10	1.303E+07	20	1.41E+07	50	1.3562E+07
gamma-BHC (Lindane) [2C]			1	1.228345E+07	5	1.258505E+07	10	1.34E+07	20	1.412E+07	50	1.3332E+07
4,4'-DDD			1	7748516	5	7871762	10	8406826	20	9045000	50	8780000
4,4'-DDD [2C]			1	8181296	5	8164890	10	8727479	20	9375000	50	9026000
4,4'-DDE			1	9029967	5	9165374	10	9982048	20	1.082E+07	50	1.0478E+07
4,4'-DDE [2C]			1	9689221	5	9886070	10	1.075E+07	20	1.1585E+07	50	1.1168E+07
4,4'-DDT			1	6568086	5	6656250	10	7310024	20	8075000	50	8092000
4,4'-DDT [2C]			1	8147067	5	7955927	10	8480556	20	9235000	50	9062000
Dieldrin	0.2	1.028629E+07	1	1.047782E+07	5	1.019796E+07	10	1.091E+07	20	1.1645E+07	50	1.109E+07
Dieldrin [2C]	0.2	1.089355E+07	1	1.063358E+07	5	1.040368E+07	10	1.125E+07	20	1.198E+07	50	1.1396E+07
Endosulfan I					5	9479044	10	1.036E+07	20	1.0875E+07	50	1.0224E+07
Endosulfan I [2C]					5	9847940	10	1.036E+07	20	1.0845E+07	50	1.013E+07
Endosulfan II					5	9020732	10	9457114	20	9855000	50	9276000

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
		RF		RF		RF		RF		RF		RF
Endosulfan II [2C]					5	9321422	10	9751782	20	1.023E+07	50	9586000
Endosulfan Sulfate					5	8090399	10	8552795	20	8895000	50	8420000
Endosulfan Sulfate [2C]					5	8693794	10	8912789	20	9305000	50	8696000
Endrin					5	9307280	10	9890642	20	1.0555E+07	50	9994000
Endrin [2C]					5	9480608	10	1.005E+07	20	1.065E+07	50	1.0052E+07
Endrin Aldehyde					5	1.118919E+07	10	8413744	20	8545000	50	7888000
Endrin Aldehyde [2C]					5	8126220	10	8337324	20	8645000	50	8046000
Endrin Ketone					5	1.086266E+07	10	1.093E+07	20	1.134E+07	50	1.064E+07
Endrin Ketone [2C]					5	1.119312E+07	10	1.105E+07	20	1.1465E+07	50	1.067E+07
Heptachlor					5	1.134334E+07	10	1.205E+07	20	1.2885E+07	50	1.2246E+07
Heptachlor [2C]					5	1.177837E+07	10	1.246E+07	20	1.322E+07	50	1.2218E+07
Heptachlor Epoxide					5	1.027797E+07	10	1.081E+07	20	1.134E+07	50	1.064E+07
Heptachlor Epoxide [2C]					5	1.073569E+07	10	1.127E+07	20	1.1755E+07	50	1.0862E+07
Hexachlorobenzene					5	9983888	10	1.043E+07	20	1.086E+07	50	1.0378E+07
Hexachlorobenzene [2C]					5	9522430	10	9402502	20	9460000	50	8734000
Methoxychlor					5	3695346	10	3976867	20	4101951	50	3886000
Methoxychlor [2C]					5	4659700	10	4465551	20	4513235	50	4182000
Toxaphene												
Toxaphene [2C]												
Chlordane (1)												
Chlordane (1) [2C]												
Chlordane (2)												
Chlordane (2) [2C]												
Chlordane (3)												
Chlordane (3) [2C]												
Chlordane (4)												
Chlordane (4) [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
		RF		RF		RF		RF		RF		RF
Chlordane (5)												
Chlordane (5) [2C]												
Decachlorobiphenyl					5	9088234	10	8817023	20	8915000	50	8284000
Decachlorobiphenyl [2C]					5	8380144	10	8269896	20	8375000	50	7814000
Tetrachloro-m-xylene					5	8947244	10	9426505	20	9990000	50	9592000
Tetrachloro-m-xylene [2C]					5	1.1057E+07	10	1.071E+07	20	1.1205E+07	50	9600000

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 19		Level 20		Level 21		Level 22		Level 23		Level 24	
		RF		RF		RF		RF		RF		RF
alpha-Chlordane	100	1.1174E+07	200	1.10845E+07								
alpha-Chlordane [2C]	100	1.1535E+07	200	1.13655E+07								
gamma-Chlordane	100	1.1426E+07	200	1.1384E+07								
gamma-Chlordane [2C]	100	1.1995E+07	200	1.1828E+07								
Alachlor	100	1262000	200	1206500								
Alachlor [2C]	100	1461000	200	1395000								
Aldrin	100	1.2222E+07	200	1.19365E+07								
Aldrin [2C]	100	1.2338E+07	200	1.19845E+07								
alpha-BHC	100	1.4537E+07	200	1.4374E+07								
alpha-BHC [2C]	100	1.3229E+07	200	1.3022E+07								
beta-BHC	100	5246000	200	5273500								
beta-BHC [2C]	100	5405000	200	5347000								
delta-BHC	100	1.35E+07	200	1.379E+07								
delta-BHC [2C]	100	1.3769E+07	200	1.3911E+07								
gamma-BHC (Lindane)	100	1.4114E+07	200	1.41635E+07								
gamma-BHC (Lindane) [2C]	100	1.3719E+07	200	1.35835E+07								
4,4'-DDD	100	9147000	200	9135500								
4,4'-DDD [2C]	100	9330000	200	9298000								
4,4'-DDE	100	1.0964E+07	200	1.08615E+07								
4,4'-DDE [2C]	100	1.1535E+07	200	1.1319E+07								
4,4'-DDT	100	8781000	200	8997500								
4,4'-DDT [2C]	100	9582000	200	9617500								
Dieldrin	100	1.1376E+07	200	1.11575E+07								
Dieldrin [2C]	100	1.1639E+07	200	1.13505E+07								
Endosulfan I	100	1.0275E+07	200	1.00405E+07								
Endosulfan I [2C]	100	1.0274E+07	200	1.00095E+07								
Endosulfan II	100	9544000	200	9397500								

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 19		Level 20		Level 21		Level 22		Level 23		Level 24	
		RF		RF		RF		RF		RF		RF
Endosulfan II [2C]	100	9767000	200	9632000								
Endosulfan Sulfate	100	8670000	200	8586500								
Endosulfan Sulfate [2C]	100	8900000	200	8814500								
Endrin	100	1.0273E+07	200	1.0121E+07								
Endrin [2C]	100	1.0278E+07	200	1.0089E+07								
Endrin Aldehyde	100	8015001	200	7936500								
Endrin Aldehyde [2C]	100	8217000	200	8054000								
Endrin Ketone	100	1.077E+07	200	1.0577E+07								
Endrin Ketone [2C]	100	1.0781E+07	200	1.0684E+07								
Heptachlor	100	1.2539E+07	200	1.2327E+07								
Heptachlor [2C]	100	1.2518E+07	200	1.216E+07								
Heptachlor Epoxide	100	1.0778E+07	200	1.05455E+07								
Heptachlor Epoxide [2C]	100	1.1014E+07	200	1.071E+07								
Hexachlorobenzene	100	1.0742E+07	200	1.06185E+07								
Hexachlorobenzene [2C]	100	8913000	200	8682500								
Methoxychlor	100	4024000	200	4045000								
Methoxychlor [2C]	100	4306000	200	4261000								
Toxaphene												
Toxaphene [2C]												
Chlordane (1)												
Chlordane (1) [2C]												
Chlordane (2)												
Chlordane (2) [2C]												
Chlordane (3)												
Chlordane (3) [2C]												
Chlordane (4)												
Chlordane (4) [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 19		Level 20		Level 21		Level 22		Level 23		Level 24	
		RF		RF		RF		RF		RF		RF
Chlordane (5)												
Chlordane (5) [2C]												
Decachlorobiphenyl	100	8505000	200	8412500								
Decachlorobiphenyl [2C]	100	8070000	200	7973000								
Tetrachloro-m-xylene	100	9912000	200	9667500								
Tetrachloro-m-xylene [2C]	100	1.036E+07	200	1.0007E+07								

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200011	Instrument:	ECD6
		Calibration Date:	2/1/2012 12:00:59AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
alpha-Chlordane	1.086089E+07	3.8			15	
alpha-Chlordane [2C]	1.129676E+07	3.4			15	
gamma-Chlordane	1.106332E+07	4.4			15	
gamma-Chlordane [2C]	1.166252E+07	4.2			15	
Alachlor	1395048	11.8	0.9995694		0.99	
Alachlor [2C]	1617417	11.5	0.9994675		0.99	
Aldrin	1.162216E+07	6.0			15	
Aldrin [2C]	1.188221E+07	5.3			15	
alpha-BHC	1.368418E+07	8.9			15	
alpha-BHC [2C]	1.291196E+07	3.6			15	
beta-BHC	5169765	2.7			15	
beta-BHC [2C]	5474764	2.9			15	
delta-BHC	1.288149E+07	7.1			15	
delta-BHC [2C]	1.340495E+07	5.6			15	
gamma-BHC (Lindane)	1.322341E+07	8.1			15	
gamma-BHC (Lindane) [2C]	1.3289E+07	4.8			15	
4,4'-DDD	8590658	6.9			15	
4,4'-DDD [2C]	8871809	5.9			15	
4,4'-DDE	1.018584E+07	8.0			15	
4,4'-DDE [2C]	1.084747E+07	7.2			15	
4,4'-DDT	7782837	12.4			15	
4,4'-DDT [2C]	8868579	7.6			15	
Dieldrin	1.089257E+07	4.8			15	
Dieldrin [2C]	1.119329E+07	4.7			15	
Endosulfan I	1.020892E+07	4.5			15	
Endosulfan I [2C]	1.024441E+07	3.4			15	
Endosulfan II	9425058	2.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200011	Instrument:	ECD6
		Calibration Date:	2/1/2012 12:00:59AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Endosulfan II [2C]	9714701	3.1			15	
Endosulfan Sulfate	8535782	3.2			15	
Endosulfan Sulfate [2C]	8887014	2.5			15	
Endrin	1.002349E+07	4.2			15	
Endrin [2C]	1.009993E+07	3.8			15	
Endrin Aldehyde	8664572	14.6			15	
Endrin Aldehyde [2C]	8237591	2.8			15	
Endrin Ketone	1.085328E+07	2.5			15	
Endrin Ketone [2C]	1.097385E+07	2.9			15	
Heptachlor	1.223172E+07	4.3			15	
Heptachlor [2C]	1.239239E+07	3.9			15	
Heptachlor Epoxide	1.073191E+07	3.3			15	
Heptachlor Epoxide [2C]	1.105778E+07	3.6			15	
Hexachlorobenzene	1.050206E+07	3.0			15	
Hexachlorobenzene [2C]	9119072	4.2			15	
Methoxychlor	3954861	3.7			15	
Methoxychlor [2C]	4397914	4.1			15	
Toxaphene	7393595	10.6			15	
Toxaphene [2C]	7831106	8.6			15	
Chlordane (1)	434462.8	3.7			15	
Chlordane (1) [2C]	419161.3	5.4			15	
Chlordane (2)	596728.4	4.3			15	
Chlordane (2) [2C]	587117.4	6.5			15	
Chlordane (3)	453614	3.7			15	
Chlordane (3) [2C]	429853.2	4.1			15	
Chlordane (4)	1469613	4.6			15	
Chlordane (4) [2C]	1118285	6.3			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200011	Instrument:	ECD6
		Calibration Date:	2/1/2012 12:00:59AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Chlordane (5)	2243793	5.2			15	
Chlordane (5) [2C]	1103002	6.4			15	
Decachlorobiphenyl	8670293	3.6			15	
Decachlorobiphenyl [2C]	8147007	2.8			15	
Tetrachloro-m-xylene	9589208	3.9			15	
Tetrachloro-m-xylene [2C]	1.048983E+07	5.9			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001304	Instrument:	ECD6
Calibration:	1200011		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1111217	Chlordane Standard 20 ppb	S001304-CAL1	F1014021.d	10/14/11 18:16
1111218	Chlordane Standard 50 ppb	S001304-CAL2	F1014022.d	10/14/11 18:33
1111219	Chlordane Standard 100 ppb	S001304-CAL3	F1014023.d	10/14/11 18:51
1111220	Chlordane Standard 200 ppb	S001304-CAL4	F1014024.d	10/14/11 19:09
1111221	Chlordane Standard 250 ppb	S001304-CAL5	F1014025.d	10/14/11 19:27
1111222	Chlordane Standard 500 ppb	S001304-CAL6	F1014026.d	10/14/11 19:45

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INITIAL CALIBRATION STANDARDS

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001758	Instrument:	ECD6
Calibration:	1200011		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1201076	Pesticide Standard=0.2 ppb	S001758-CAL1	F0131010.d	01/31/12 14:05
1201074	Pesticide Standard=5 ppb	S001758-CAL3	F0131012.d	01/31/12 14:39
1201073	Pesticide Standard=10 ppb	S001758-CAL4	F0131013.d	01/31/12 14:56
1201072	Pesticide Standard=20 ppb	S001758-CAL5	F0131014.d	01/31/12 15:13
1201071	Pesticide Standard=50 ppb	S001758-CAL6	F0131015.d	01/31/12 15:30
1201069	Pesticide Standard CCV=100 ppb	S001758-CAL7	F0131016.d	01/31/12 15:47
1201070	Pesticide Standard=200 ppb	S001758-CAL8	F0131017.d	01/31/12 16:04
1201075	Pesticide Standard=1 ppb	S001758-CAL2	F0131019.d	01/31/12 16:38

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INITIAL CALIBRATION STANDARDS

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001759	Instrument:	ECD6
Calibration:	1200011		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1111211	Toxaphene Standard 50 ppb	S001759-CAL1	F0201010.d	02/01/12 12:56
1111212	Toxaphene Standard 100 ppb	S001759-CAL2	F0201011.d	02/01/12 13:13
1111213	Toxaphene Standard 200 ppb	S001759-CAL3	F0201012.d	02/01/12 13:30
1111214	Toxaphene Standard 250 ppb	S001759-CAL4	F0201013.d	02/01/12 13:47
1111215	Toxaphene Standard 500 ppb	S001759-CAL5	F0201014.d	02/01/12 14:04
1111216	Toxaphene Standard 750 ppb	S001759-CAL6	F0201015.d	02/01/12 14:21

Response Factor Report ECD 6

Method Path : C:\msdchem\1\methods\Pest methods\
Method File : 6PEST020112C.M
Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
Last Update : Wed Feb 01 14:52:09 2012
Response Via : Initial Calibration

Calibration Files
=CPB005P.D 0.2 =F0201010.d 1 =F0201010.d
5 =F0201010.d 10 =F0201011.d 20 =F0201012.d

		Compound	0.2	1	5	10	20	Avg		%RSD
1)	S	Tetrachloro-m...		8.947	9.427	9.989	9.591	9.589	E6	3.93
2)	T	Hexachloroben...		0.998	1.043	1.086	1.038	1.050	E7	2.97
3)	T	alpha-BHC		1.149	1.302	1.451	1.418	1.368	E7	8.89
4)	T	gamma-BHC	1.147	1.212	1.303	1.410	1.356	1.322	E7	8.10
5)	T	Beta-BHC		5.013	5.050	5.361	5.076	5.170	E6	2.75
6)	T	Delta-BHC		1.133	1.231	1.331	1.305	1.288	E7	7.07
7)	T	Heptachlor		1.134	1.205	1.288	1.225	1.223	E7	4.25
8)	T	Aldrin	1.062	1.076	1.152	1.239	1.191	1.162	E7	5.98
9)	T	Alachlor		1.607	1.530	1.481	1.284	1.395	E6	11.81
10)	T	Heptachlor Ep...		1.028	1.081	1.134	1.064	1.073	E7	3.30
11)	T	Y-Chlordane		1.020	1.081	1.143	1.112	1.106	E7	4.38
12)	T	A-Chlordane		1.016	1.067	1.129	1.080	1.086	E7	3.84
13)	T	4,4-DDE	0.903	0.917	0.998	1.082	1.048	1.019	E7	7.98
14)	T	Endo-I		0.948	1.036	1.087	1.022	1.021	E7	4.45
15)	T	Dieldrin	1.029	1.048	1.020	1.091	1.165	1.109	1.089	E7 4.83
16)	T	Endrin		0.931	0.989	1.056	0.999	1.002	E7	4.20
17)	T	4,4-DDD	7.749	7.872	8.407	9.047	8.780	8.591	E6	6.90
18)	T	Endo-II		9.021	9.457	9.856	9.275	9.425	E6	2.95
19)	T	4,4-DDT	6.568	6.656	7.310	8.074	8.091	7.783	E6	12.44
20)	T	Endrin Aldehyde		1.119	0.841	0.854	0.789	0.866	E7	14.60
21)	T	Methoxychlor		3.695	3.977	4.102	3.885	3.955	E6	3.70
22)	T	End Sulf		8.090	8.553	8.894	8.419	8.536	E6	3.15
23)	T	Endrin Ketone		1.086	1.093	1.134	1.064	1.085	E7	2.52
24)	S	Decachlorobip...		9.088	8.817	8.914	8.284	8.670	E6	3.64
25)	L8	Chlordane{1}		4.189	4.184	4.229	4.514	4.345	E5	3.71
26)	L8	Chlordane{2}		5.741	5.625	5.863	6.248	5.967	E5	4.34
27)	L8	Chlordane{3}		4.866	4.477	4.475	4.549	4.536	E5	3.73
28)	L8	Chlordane{4}		1.405	1.375	1.467	1.549	1.470	E6	4.62
29)	L8	Chlordane{5}		2.100	2.106	2.255	2.387	2.244	E6	5.21
30)	H	Toxaphene		6.907	6.779	6.841	8.337	7.393	E6	10.57

Signal #2 Calibration Files
=CPB005P.D 0.2 =F0201010.d 1 =F0201010.d
5 =F0201010.d 10 =F0201011.d 20 =F0201012.d

		Compound	0.2	1	5	10	20	Avg		%RSD
1)	S	Tetrachloro-m...		1.106	1.071	1.120	0.960	1.049	E7	5.91
2)	T	Hexachloroben...		9.522	9.403	9.462	8.734	9.119	E6	4.23
3)	T	alpha-BHC		1.211	1.284	1.348	1.279	1.291	E7	3.61
4)	T	gamma-BHC	1.228	1.259	1.340	1.412	1.333	1.329	E7	4.84
5)	T	Beta-BHC		5.526	5.594	5.693	5.282	5.474	E6	2.86
6)	T	Delta-BHC		1.209	1.314	1.417	1.336	1.341	E7	5.56
7)	T	Heptachlor		1.178	1.246	1.322	1.222	1.239	E7	3.90
8)	T	Aldrin	1.096	1.114	1.197	1.275	1.204	1.188	E7	5.34
9)	T	Alachlor		1.820	1.783	1.749	1.497	1.617	E6	11.53
10)	T	Heptachlor Ep...		1.074	1.127	1.176	1.086	1.106	E7	3.61
11)	T	Y-Chlordane		1.079	1.157	1.219	1.159	1.166	E7	4.18
12)	T	A-Chlordane		1.067	1.122	1.181	1.118	1.130	E7	3.40
13)	T	4,4-DDE	0.969	0.989	1.075	1.158	1.117	1.085	E7	7.15
14)	T	Endo-I		0.985	1.036	1.084	1.013	1.024	E7	3.38
15)	T	Dieldrin	1.089	1.063	1.040	1.125	1.198	1.140	1.119	E7 4.67
16)	T	Endrin		0.948	1.005	1.065	1.005	1.010	E7	3.76
17)	T	4,4-DDD	8.181	8.165	8.727	9.375	9.025	8.872	E6	5.94
18)	T	Endo-II		0.932	0.975	1.023	0.959	0.971	E7	3.08
19)	T	4,4-DDT	8.147	7.956	8.481	9.236	9.061	8.869	E6	7.63
20)	T	Endrin Aldehyde		8.126	8.337	8.645	8.047	8.238	E6	2.76
21)	T	Methoxychlor		4.660	4.466	4.513	4.182	4.398	E6	4.07
22)	T	End Sulf		8.694	8.913	9.303	8.696	8.887	E6	2.53
23)	T	Endrin Ketone		1.119	1.105	1.147	1.067	1.097	E7	2.91

Response Factor Report ECD 6

Method Path : C:\msdchem\1\methods\Pest methods\
Method File : 6PEST020112C.M
Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
Last Update : Wed Feb 01 14:52:09 2012
Response Via : Initial Calibration

Calibration Files
=CPB005P.D 0.2 =F0201010.d 1 =F0201010.d
5 =F0201010.d 10 =F0201011.d 20 =F0201012.d

		Compound	0.2	1	5	10	20	Avg		%RSD
24)	S	Decachlorobip...		8.380	8.270	8.373	7.814	8.147	E6	2.84
25)	L8	Chlordane{1}		4.019	3.884	4.089	4.421	4.192	E5	5.37
26)	L8	Chlordane{2}		5.477	5.379	5.795	6.290	5.871	E5	6.50
27)	L8	Chlordane{3}		4.592	4.166	4.221	4.432	4.298	E5	4.11
28)	L8	Chlordane{4}		1.059	1.015	1.115	1.199	1.118	E6	6.26
29)	L8	Chlordane{5}		1.033	1.004	1.105	1.185	1.103	E6	6.42
30)	H	Toxaphene		7.674	7.396	7.297	8.518	7.831	E6	8.60

(#) = Out of Range ### Number of calibration levels exceeded format ###

DATA ANALYSIS PARAMETERS

Method Name: C:\msdchem\1\methods\Pest methods\6PEST020112C.M

Percent Report Settings

Sort By: Signal

Output Destination
Screen: No
Printer: Yes
File: No

Integration Events: AutoIntegrate

Generate Report During Run Method: No

Signal Correlation Window: 0.020

Quantitative Report Settings

Report Type: Summary

Output Destination
Screen: Yes
Printer: No
File: No

Generate Report During Run Method: No

PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
Calibration Last Updated: Wed Feb 01 14:52:09 2012

Reference Window: 0.20 Minutes
Non-Reference Window: 0.14 Minutes
Correlation Window: 0.02 minutes
Default Multiplier: 1.00
Default Sample Concentration: 0.00

Compound Information

1) Tetrachloro-m-xylene ( )
Ret. Time 4.889 min., Extract & Integrate from 4.859 to 4.919 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	44736221
10		10.000	94265045
20		20.000	199780347
50		50.000	479552367
100		100.000	991209254
200		200.000	1933479449

Curve Fit: Avg. RF

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2) Hexachlorobenzene ( )
Ret. Time 5.096 min., Extract & Integrate from 5.066 to 5.126 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	49919444
10		10.000	104326963
20		20.000	217194457
50		50.000	518852205
100		100.000	1074189102
200		200.000	2123747832

Curve Fit: Avg. RF

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3) alpha-BHC ( )
Ret. Time 5.188 min., Extract & Integrate from 5.158 to 5.218 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	57430349
10		10.000	130159269
20		20.000	290185543
50		50.000	708891161
100		100.000	1453680923
200		200.000	2874818103

Curve Fit: Avg. RF

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4) gamma-BHC ( )
Ret. Time 5.360 min., Extract & Integrate from 5.330 to 5.390 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	11473873
5		5.000	60602583
10		10.000	130251070
20		20.000	282010609
50		50.000	678146470
100		100.000	1411424202
200		200.000	2832698821

Curve Fit: Avg. RF

---

5) Beta-BHC ( )
Ret. Time 5.412 min., Extract & Integrate from 5.382 to 5.442 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	25064175
10		10.000	50502521
20		20.000	107225165
50		50.000	253793459
100		100.000	524571792
200		200.000	1054741085

Curve Fit: Avg. RF

---

6) Delta-BHC ( )
Ret. Time 5.510 min., Extract & Integrate from 5.480 to 5.540 min.

Lvl	ID	Conc (ug/L)	Response

0.2	not used for this compound	
1	not used for this compound	
5	5.000	56664840
10	10.000	123052329
20	20.000	266201879
50	50.000	652317294
100	100.000	1349989989
200	200.000	2758006294

Curve Fit: Avg. RF

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7) Heptachlor ( )

Ret. Time 5.628 min., Extract & Integrate from 5.598 to 5.658 min.

Lvl ID	Conc (ug/L)	Response
0.2	not used for this compound	
1	not used for this compound	
5	5.000	56716715
10	10.000	120515109
20	20.000	257661707
50	50.000	612260965
100	100.000	1253898221
200	200.000	2465358928

Curve Fit: Avg. RF

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8) Aldrin ( )

Ret. Time 5.802 min., Extract & Integrate from 5.772 to 5.832 min.

Lvl ID	Conc (ug/L)	Response
0.2	not used for this compound	
1	1.000	10615849
5	5.000	53783939
10	10.000	115188839
20	20.000	247760803
50	50.000	595701379
100	100.000	1222166684
200	200.000	2387348632

Curve Fit: Avg. RF

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9) Alachlor ( )

Ret. Time 5.901 min., Extract & Integrate from 5.871 to 5.931 min.

Lvl ID	Conc (ug/L)	Response
0.2	not used for this compound	
1	not used for this compound	
5	5.000	8033678
10	10.000	15296008
20	20.000	29628784
50	50.000	64200729
100	100.000	126226359
200	200.000	241349227

Curve Fit: Linear

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10) Heptachlor Epoxide ( )

Ret. Time 6.178 min., Extract & Integrate from 6.148 to 6.208 min.

Lvl ID	Conc (ug/L)	Response
0.2	not used for this compound	
1	not used for this compound	
5	5.000	51389830
10	10.000	108074195
20	20.000	226789776
50	50.000	531991666

100	100.000	1077772393
200	200.000	2109130633

Curve Fit: Avg. RF

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11) Y-Chlordane ( )

Ret. Time 6.258 min., Extract & Integrate from 6.228 to 6.288 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	51024665
10		10.000	108118353
20		20.000	228673827
50		50.000	556019513
100		100.000	1142567934
200		200.000	2276813943

Curve Fit: Avg. RF

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12) A-Chlordane ( )

Ret. Time 6.344 min., Extract & Integrate from 6.314 to 6.374 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	50779258
10		10.000	106668775
20		20.000	225718865
50		50.000	539754945
100		100.000	1117402728
200		200.000	2216940686

Curve Fit: Avg. RF

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13) 4,4-DDE ( )

Ret. Time 6.407 min., Extract & Integrate from 6.377 to 6.437 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	9029967
5		5.000	45826872
10		10.000	99820480
20		20.000	216377285
50		50.000	523896427
100		100.000	1096407182
200		200.000	2172323673

Curve Fit: Avg. RF

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14) Endo-I ( )

Ret. Time 6.430 min., Extract & Integrate from 6.400 to 6.460 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	47395216
10		10.000	103613009
20		20.000	217487370
50		50.000	511156019
100		100.000	1027474325
200		200.000	2008138244

Curve Fit: Avg. RF

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15) Dieldrin ( )
Ret. Time 6.590 min., Extract & Integrate from 6.560 to 6.620 min.

Lvl	ID	Conc (ug/L)	Response
0.2		0.200	2057258
1		1.000	10477823
5		5.000	50989821
10		10.000	109135008
20		20.000	232942762
50		50.000	554508266
100		100.000	1137648821
200		200.000	2231530242

Curve Fit: Avg. RF

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16) Endrin ( )
Ret. Time 6.747 min., Extract & Integrate from 6.727 to 6.767 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	46536395
10		10.000	98906425
20		20.000	211120241
50		50.000	499701781
100		100.000	1027257989
200		200.000	2024215713

Curve Fit: Avg. RF

---

17) 4,4-DDD ( )
Ret. Time 6.814 min., Extract & Integrate from 6.794 to 6.834 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	7748516
5		5.000	39358812
10		10.000	84068258
20		20.000	180948022
50		50.000	439022465
100		100.000	914674330
200		200.000	1827104264

Curve Fit: Avg. RF

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18) Endo-II ( )
Ret. Time 6.903 min., Extract & Integrate from 6.873 to 6.933 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	45103665
10		10.000	94571133
20		20.000	197124928
50		50.000	463771203
100		100.000	954373981
200		200.000	1879545801

Curve Fit: Avg. RF

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19) 4,4-DDT ( )
Ret. Time 7.011 min., Extract & Integrate from 6.981 to 7.041 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	

1	1.000	6568086
5	5.000	33281246
10	10.000	73100243
20	20.000	161473245
50	50.000	404570502
100	100.000	878149762
200	200.000	1799513263

Curve Fit: Avg. RF

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20) Endrin Aldehyde ( )
Ret. Time 7.204 min., Extract & Integrate from 7.174 to 7.234 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	55945934
10		10.000	84137442
20		20.000	170873741
50		50.000	394407477
100		100.000	801492515
200		200.000	1587291935

Curve Fit: Avg. RF

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21) Methoxychlor ( )
Ret. Time 7.383 min., Extract & Integrate from 7.353 to 7.413 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	18476732
10		10.000	39768674
20		20.000	82039025
50		50.000	194269418
100		100.000	402406599
200		200.000	808998627

Curve Fit: Avg. RF

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22) End Sulf ( )
Ret. Time 7.525 min., Extract & Integrate from 7.495 to 7.555 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	40451993
10		10.000	85527951
20		20.000	177883293
50		50.000	420962812
100		100.000	867039931
200		200.000	1717266303

Curve Fit: Avg. RF

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23) Endrin Ketone ( )
Ret. Time 7.730 min., Extract & Integrate from 7.700 to 7.760 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	54313299
10		10.000	109264510
20		20.000	226845044
50		50.000	531999927
100		100.000	1076963958

200 200.000 2115434174

Curve Fit: Avg. RF

24) Decachlorobiphenyl ( )
Ret. Time 8.448 min., Extract & Integrate from 8.418 to 8.478 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	45441167
10		10.000	88170231
20		20.000	178274843
50		50.000	414204851
100		100.000	850483349
200		200.000	1682514589

Curve Fit: Avg. RF

25) Chlordane{1} ( )
Ret. Time 5.582 min., Extract & Integrate from 5.552 to 5.612 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	8377720
10		50.000	20919946
20		100.000	42293063
50		200.000	90272232
100		250.000	110920062
200		500.000	225839812

Curve Fit: Avg. RF

26) Chlordane{2} ( )
Ret. Time 5.628 min., Extract & Integrate from 5.598 to 5.658 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	11482542
10		50.000	28126598
20		100.000	58631110
50		200.000	124952613
100		250.000	153324649
200		500.000	309557427

Curve Fit: Avg. RF

27) Chlordane{3} ( )
Ret. Time 5.890 min., Extract & Integrate from 5.860 to 5.920 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	9732732
10		50.000	22382635
20		100.000	44745652
50		200.000	90987667
100		250.000	111528059
200		500.000	219539165

Curve Fit: Avg. RF

28) Chlordane{4} ( )
Ret. Time 6.259 min., Extract & Integrate from 6.229 to 6.289 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	28091006
10		50.000	68731277
20		100.000	146719823
50		200.000	309889493
100		250.000	377586749
200		500.000	755779680

Curve Fit: Avg. RF

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29) Chlordane{5} ( )
Ret. Time 6.341 min., Extract & Integrate from 6.311 to 6.371 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	42005175
10		50.000	105306655
20		100.000	225542573
50		200.000	477477057
100		250.000	578071494
200		500.000	1150790704

Curve Fit: Avg. RF

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30) Toxaphene ( )
Ret. Time 7.050 min., Extract & Integrate from 5.850 to 8.250 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		50.000	345353477
10		100.000	677855132
20		200.000	1368119735
50		250.000	2084332320
100		500.000	4225861673
200		750.000	5283804306

Curve Fit: Avg. RF

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31) Column #2 ( )
Ret. Time 19.931 min., Extract & Integrate from 19.901 to 19.961 min.

Lvl	ID	Conc (ug/L)	Response
0.2		0.200	-1
1		1.000	-1
5		5.000	-1
10		10.000	-1
20		20.000	-1
50		50.000	-1
100		100.000	-1
200		200.000	-1

Curve Fit: Avg. RF

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32) Tetrachloro-m-xylene #2 ( )
Ret. Time 5.067 min., Extract & Integrate from 5.037 to 5.097 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	

5	5.000	55284988
10	10.000	107064747
20	20.000	224096269
50	50.000	479977949
100	100.000	1035974152
200	200.000	2001446459

Curve Fit: Avg. RF

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33) Hexachlorobenzene #2 ( )
Ret. Time 5.339 min., Extract & Integrate from 5.309 to 5.369 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	47612151
10		10.000	94025023
20		20.000	189243623
50		50.000	436692618
100		100.000	891290092
200		200.000	1736470872

Curve Fit: Avg. RF

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34) alpha-BHC #2 ( )
Ret. Time 5.423 min., Extract & Integrate from 5.393 to 5.453 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	60568676
10		10.000	128386996
20		20.000	269531041
50		50.000	639633341
100		100.000	1322918031
200		200.000	2604360341

Curve Fit: Avg. RF

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35) gamma-BHC #2 ( )
Ret. Time 5.639 min., Extract & Integrate from 5.609 to 5.669 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	12283453
5		5.000	62925256
10		10.000	134010695
20		20.000	282368631
50		50.000	666628766
100		100.000	1371885657
200		200.000	2716746593

Curve Fit: Avg. RF

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36) Beta-BHC #2 ( )
Ret. Time 5.692 min., Extract & Integrate from 5.662 to 5.722 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	27630137
10		10.000	55935550
20		20.000	113852154
50		50.000	264085824
100		100.000	540520647
200		200.000	1069434465

Curve Fit: Avg. RF

37) Delta-BHC #2 ( )
Ret. Time 5.877 min., Extract & Integrate from 5.847 to 5.907 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	60443444
10		10.000	131384248
20		20.000	283333732
50		50.000	667808185
100		100.000	1376923470
200		200.000	2782162961

Curve Fit: Avg. RF

38) Heptachlor #2 ( )
Ret. Time 5.917 min., Extract & Integrate from 5.887 to 5.947 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	58891832
10		10.000	124592915
20		20.000	264430660
50		50.000	610878419
100		100.000	1251793052
200		200.000	2431990932

Curve Fit: Avg. RF

39) Aldrin #2 ( )
Ret. Time 6.129 min., Extract & Integrate from 6.099 to 6.159 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	10955321
5		5.000	55698320
10		10.000	119719408
20		20.000	254988388
50		50.000	601935542
100		100.000	1233758985
200		200.000	2396913647

Curve Fit: Avg. RF

40) Alachlor #2 ( )
Ret. Time 6.064 min., Extract & Integrate from 6.034 to 6.094 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	9098365
10		10.000	17825191
20		20.000	34981991
50		50.000	74860481
100		100.000	146118915
200		200.000	278955718

Curve Fit: Linear

41) Heptachlor Epoxide #2 ( )

Ret. Time 6.520 min., Extract & Integrate from 6.490 to 6.550 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	53678472
10		10.000	112729827
20		20.000	235106430
50		50.000	543075730
100		100.000	1101416374
200		200.000	2142045962

Curve Fit: Avg. RF

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42) Y-Chlordane #2 ( )

Ret. Time 6.654 min., Extract & Integrate from 6.624 to 6.684 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	53965675
10		10.000	115680234
20		20.000	243864451
50		50.000	579662933
100		100.000	1199514509
200		200.000	2365584231

Curve Fit: Avg. RF

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43) A-Chlordane #2 ( )

Ret. Time 6.759 min., Extract & Integrate from 6.729 to 6.789 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	53340341
10		10.000	112194952
20		20.000	236174311
50		50.000	559146893
100		100.000	1153483686
200		200.000	2273132870

Curve Fit: Avg. RF

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44) 4,4-DDE #2 ( )

Ret. Time 6.890 min., Extract & Integrate from 6.860 to 6.920 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	9689221
5		5.000	49430348
10		10.000	107452401
20		20.000	231650238
50		50.000	558358637
100		100.000	1153488475
200		200.000	2263772666

Curve Fit: Avg. RF

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45) Endo-I #2 ( )

Ret. Time 6.798 min., Extract & Integrate from 6.768 to 6.828 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	49239699

10	10.000	103580032
20	20.000	216886025
50	50.000	506508322
100	100.000	1027388395
200	200.000	2001946588

Curve Fit: Avg. RF

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46) Dieldrin #2 ( )
Ret. Time 6.998 min., Extract & Integrate from 6.968 to 7.028 min.

Lvl	ID	Conc (ug/L)	Response
0.2		0.200	2178710
1		1.000	10633578
5		5.000	52018379
10		10.000	112460119
20		20.000	239644067
50		50.000	569789877
100		100.000	1163923615
200		200.000	2270092439

Curve Fit: Avg. RF

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47) Endrin #2 ( )
Ret. Time 7.223 min., Extract & Integrate from 7.193 to 7.253 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	47403037
10		10.000	100525471
20		20.000	212962987
50		50.000	502585834
100		100.000	1027828296
200		200.000	2017764012

Curve Fit: Avg. RF

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48) 4,4-DDD #2 ( )
Ret. Time 7.322 min., Extract & Integrate from 7.292 to 7.352 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	8181296
5		5.000	40824447
10		10.000	87274790
20		20.000	187507905
50		50.000	451264945
100		100.000	932968036
200		200.000	1859590324

Curve Fit: Avg. RF

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49) Endo-II #2 ( )
Ret. Time 7.384 min., Extract & Integrate from 7.354 to 7.414 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	46607110
10		10.000	97517816
20		20.000	204619804
50		50.000	479324139
100		100.000	976693308
200		200.000	1926418461

Curve Fit: Avg. RF

50) 4,4-DDT #2 ( )
Ret. Time 7.563 min., Extract & Integrate from 7.533 to 7.593 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	8147067
5		5.000	39779632
10		10.000	84805558
20		20.000	184727469
50		50.000	453050863
100		100.000	958197748
200		200.000	1923538889

Curve Fit: Avg. RF

51) Endrin Aldehyde #2 ( )
Ret. Time 7.646 min., Extract & Integrate from 7.616 to 7.676 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	40631095
10		10.000	83373241
20		20.000	172898635
50		50.000	402345613
100		100.000	821702980
200		200.000	1610772759

Curve Fit: Avg. RF

52) Methoxychlor #2 ( )
Ret. Time 8.099 min., Extract & Integrate from 8.069 to 8.129 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	23298500
10		10.000	44655509
20		20.000	90264688
50		50.000	209088925
100		100.000	430624287
200		200.000	852150050

Curve Fit: Avg. RF

53) End Sulf #2 ( )
Ret. Time 7.863 min., Extract & Integrate from 7.833 to 7.893 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	43468973
10		10.000	89127892
20		20.000	186063374
50		50.000	434802938
100		100.000	889962671
200		200.000	1762897804

Curve Fit: Avg. RF

54) Endrin Ketone #2 ( )
Ret. Time 8.241 min., Extract & Integrate from 8.211 to 8.271 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	55965586
10		10.000	110504162
20		20.000	229337932
50		50.000	533519239
100		100.000	1078133736
200		200.000	2136835691

Curve Fit: Avg. RF

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55) Decachlorobiphenyl #2 ( )
Ret. Time 8.977 min., Extract & Integrate from 8.947 to 9.007 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	41900715
10		10.000	82698958
20		20.000	167465453
50		50.000	390679092
100		100.000	806990446
200		200.000	1594602336

Curve Fit: Avg. RF

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56) Chlordane{1} #2 ( )
Ret. Time 5.825 min., Extract & Integrate from 5.795 to 5.854 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	8038939
10		50.000	19420981
20		100.000	40894539
50		200.000	88411164
100		250.000	108106288
200		500.000	220573525

Curve Fit: Avg. RF

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57) Chlordane{2} #2 ( )
Ret. Time 5.918 min., Extract & Integrate from 5.888 to 5.948 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	10953632
10		50.000	26895851
20		100.000	57950601
50		200.000	125803247
100		250.000	152451565
200		500.000	309255326

Curve Fit: Avg. RF

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58) Chlordane{3} #2 ( )
Ret. Time 6.232 min., Extract & Integrate from 6.202 to 6.262 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	9184947
10		50.000	20828397

20	100.000	42207899
50	200.000	88644997
100	250.000	105874411
200	500.000	207163459

Curve Fit: Avg. RF

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59) Chlordane{4} #2 ( )
Ret. Time 6.724 min., Extract & Integrate from 6.694 to 6.754 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	21182018
10		50.000	50740550
20		100.000	111545865
50		200.000	239804954
100		250.000	288031203
200		500.000	584945203

Curve Fit: Avg. RF

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60) Chlordane{5} #2 ( )
Ret. Time 6.761 min., Extract & Integrate from 6.731 to 6.791 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	20652407
10		50.000	50219552
20		100.000	110492620
50		200.000	236974955
100		250.000	284673023
200		500.000	576122002

Curve Fit: Avg. RF

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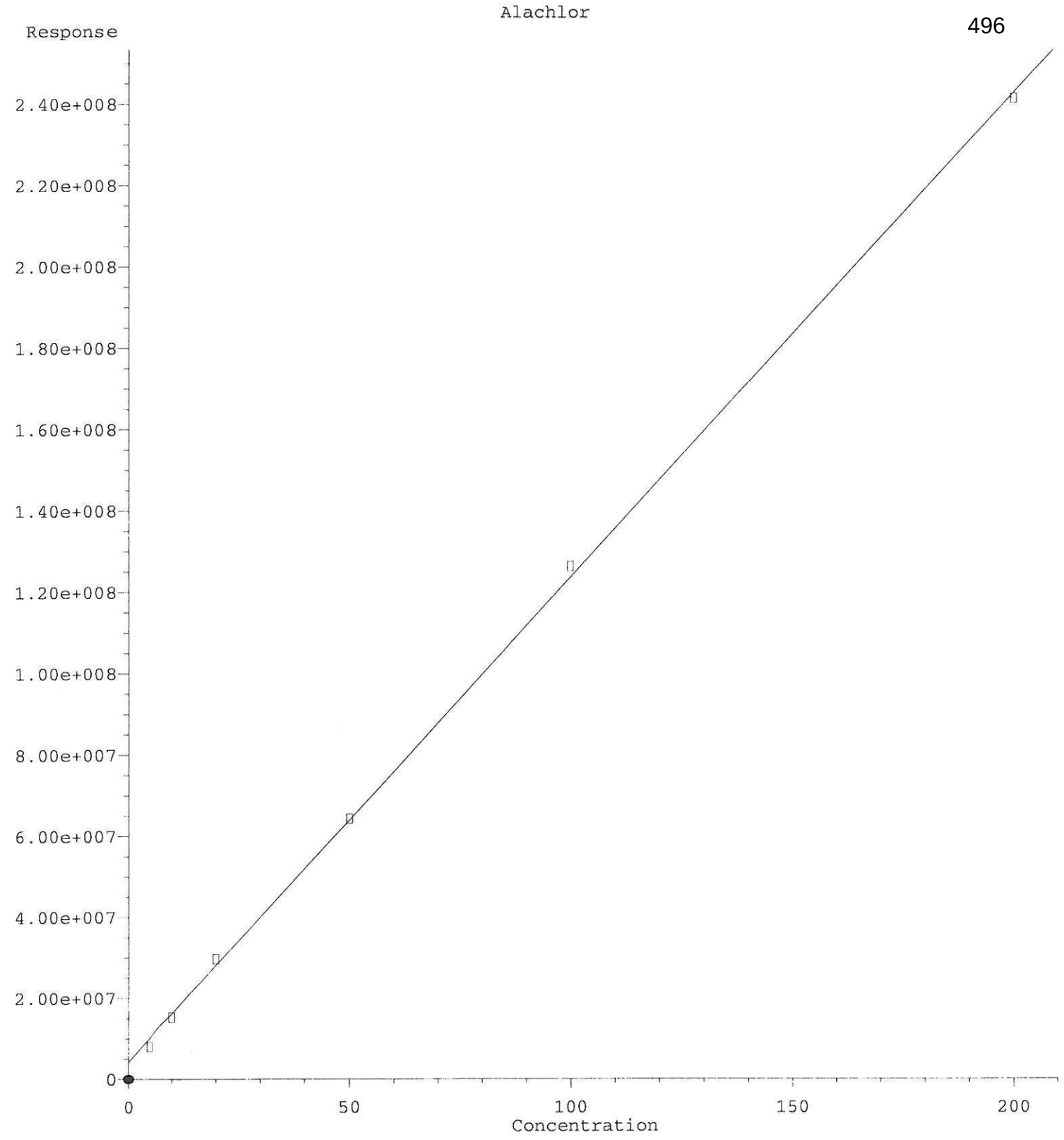
61) Toxaphene #2 ( )
Ret. Time 7.500 min., Extract & Integrate from 6.300 to 8.700 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		50.000	383690751
10		100.000	739555682
20		200.000	1459345645
50		250.000	2129556573
100		500.000	4412412515
200		750.000	5457722062

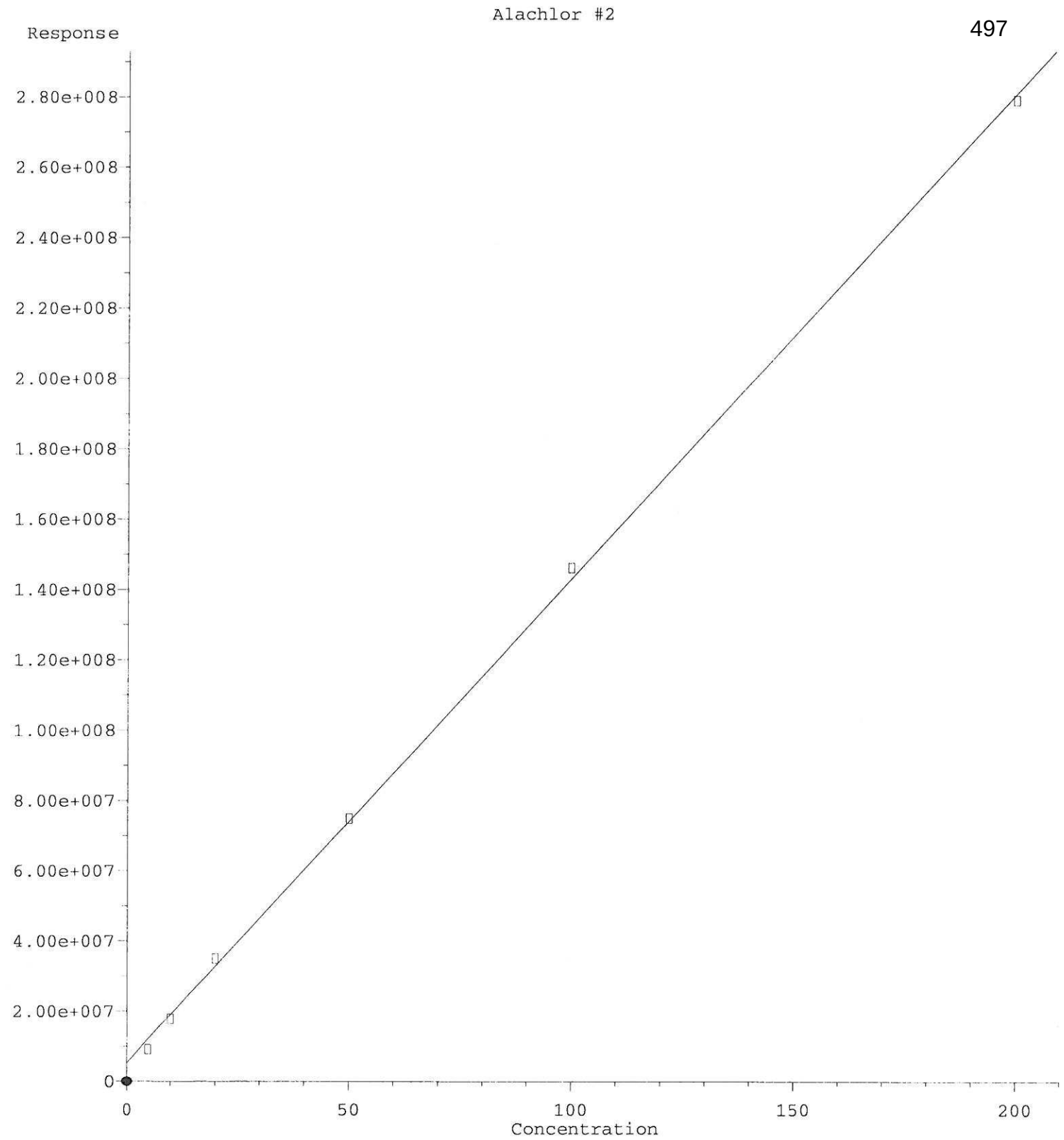
Curve Fit: Avg. RF

END OF DATA ANALYSIS PARAMETERS

Wed Feb 08 17:17:49 2012



Response = 1.19e+006 * Amt + 4.24e+006
Coef of Det (r^2) = 1.000 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Calibration Table Last Updated: Wed Feb 01 14:52:09 2012



Response = 1.38e+006 * Amt + 5.24e+006
Coef of Det (r^2) = 0.999 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Calibration Table Last Updated: Wed Feb 01 14:52:09 2012

Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131010.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:05 pm
Operator : JMB
Sample : S001758-CAL1 Inst : ECD 6
Misc : PEST 0.2
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:23 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Fri Jan 27 17:54:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.895	5.072	2046173	2741107	NoCal	NoCal
	Spiked Amount	200.000 Range	60 - 300	Recovery =		0.00%#	0.00%#
24) S	Decachlor...	8.457	8.976	5028115	4523881	NoCal	NoCal
	Spiked Amount	200.000 Range	60 - 300	Recovery =		0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	5.103	5.345	2041127	2427091	NoCal	NoCal
3) T	alpha-BHC	5.194	5.429	2010775	2248381	NoCal	NoCal
4) T	gamma-BHC	5.368	5.645	2009632	2171417	NoCal	NoCal
5) T	Beta-BHC	5.420	5.699	1137214	1137519	NoCal	NoCal
6) T	Delta-BHC	5.518	5.883	1760743	1988624	NoCal	NoCal
7) T	Heptachlor	5.635	5.924	2207182	2234434	NoCal	NoCal
8) T	Aldrin	5.810	6.136	2034700	1996167	NoCal	NoCal
9) T	Alachlor	0.000	0.000	0	0	N.D.	N.D.
10) T	Heptachlo...	6.187	6.529	2117218	2123852	NoCal	NoCal
11) T	Y-Chlordane	6.267	6.663	2530182	2120799	NoCal	NoCal
12) T	A-Chlordane	6.354	6.768	2085383	2125024	NoCal	NoCal
13) T	4,4-DDE	6.418	6.897	1711255	1853269	NoCal	NoCal
14) T	Endo-I	6.439	6.807	2168410	2542320	NoCal	NoCal
15) T	Dieldrin	6.600	7.006	2057258	2178710	NoCal	NoCal
16) T	Endrin	6.756	7.231	1837426	1853688	NoCal	NoCal
17) T	4,4-DDD	6.824	7.331	1762250	1626085	NoCal	NoCal
18) T	Endo-II	6.913	7.394	1889902	1868517	NoCal	NoCal
19) T	4,4-DDT	7.022	7.572	1422746	1892083	NoCal	NoCal
20) T	Endrin Al...	7.218	7.655	3823662	1727818	NoCal	NoCal
21) T	Methoxychlor	7.424f	8.107	8827804	1024417	NoCal	NoCal
22) T	End Sulf	7.536	7.872	1898638	2023577	NoCal	NoCal
23) T	Endrin Ke...	7.741	8.249	2256106	2098904	NoCal	NoCal
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D.	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

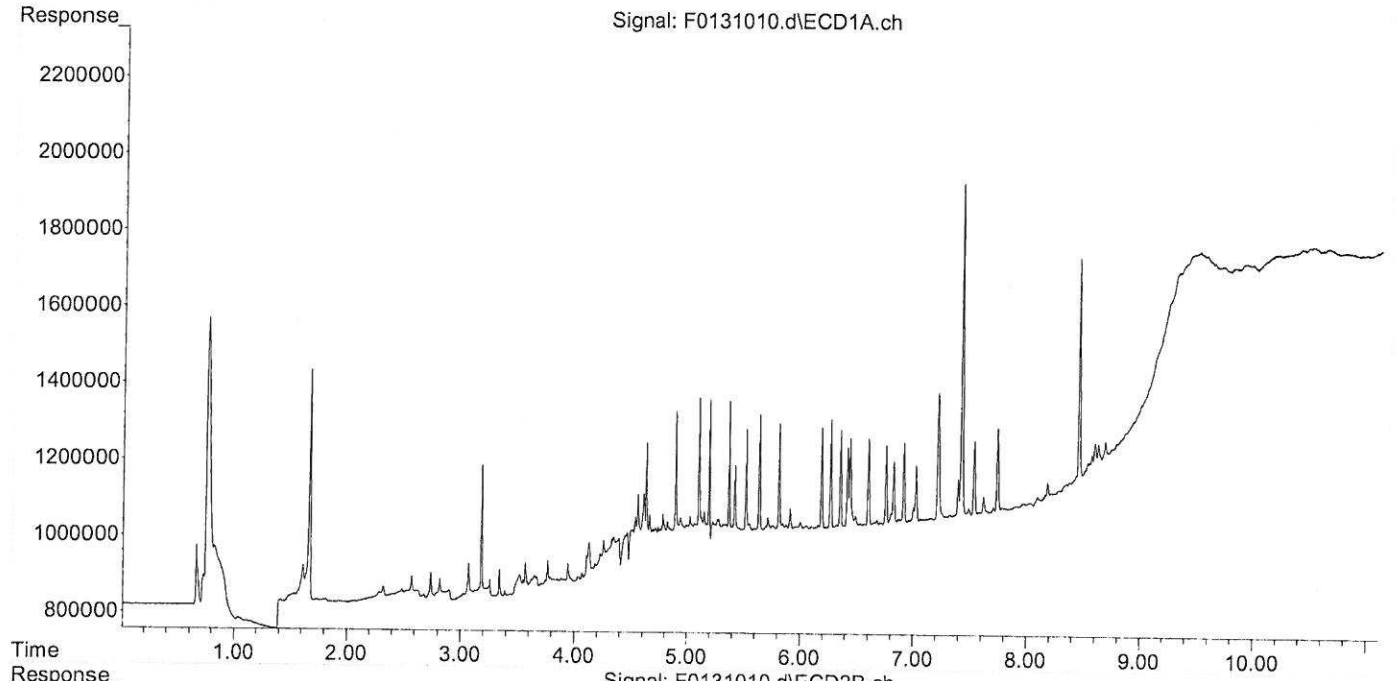
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

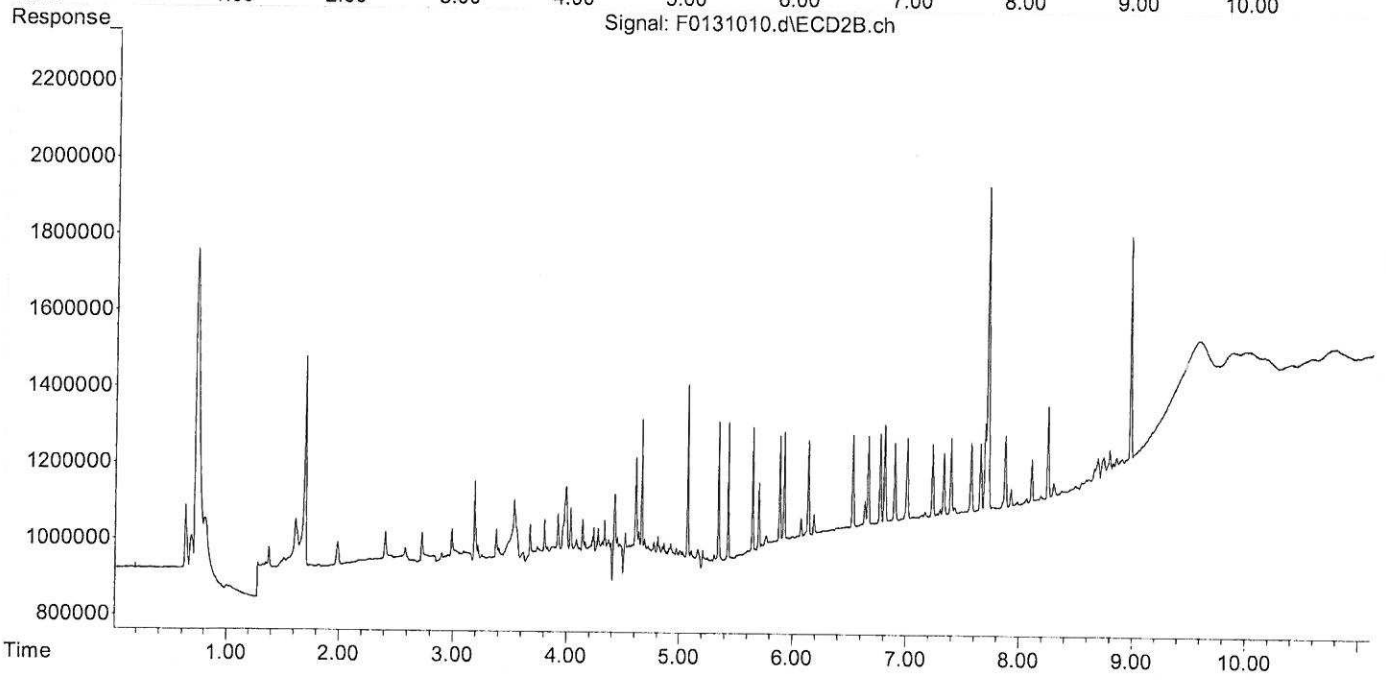
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131010.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:05 pm
Operator : JMB
Sample : S001758-CAL1 Inst : ECD 6
Misc : PEST 0.2
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:23 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Fri Jan 27 17:54:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131012.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:39 pm
Operator : JMB
Sample : S001758-CAL3 Inst : ECD 6
Misc : PEST 5
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:25 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:24 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.900	5.077	44736221	55284988	NoCal	NoCal
	Spiked Amount	200.000	Range 60 - 300	Recovery =		0.00%#	0.00%#
24) S	Decachlor...	8.460	8.980	45441167	41900715	NoCal	NoCal
	Spiked Amount	200.000	Range 60 - 300	Recovery =		0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	5.107	5.350	49919444	47612151	NoCal	NoCal
3) T	alpha-BHC	5.199	5.434	57430349	60568676	NoCal	NoCal
4) T	gamma-BHC	5.372	5.650	60602583	62925256	5.282	5.123
5) T	Beta-BHC	5.424	5.704	25064175	27630137	NoCal	NoCal
6) T	Delta-BHC	5.522	5.889	56664840	60443444	NoCal	NoCal
7) T	Heptachlor	5.640	5.929	56716715	58891832	NoCal	NoCal
8) T	Aldrin	5.816	6.141	53783939	55698320	5.066	5.084
9) T	Alachlor	5.914	6.077	8033677	9098365	NoCal	NoCal
10) T	Heptachlo...	6.191	6.534	51389830	53678472	NoCal	NoCal
11) T	Y-Chlordane	6.272	6.668	51024665	53965675	NoCal	NoCal
12) T	A-Chlordane	6.358	6.774	50779258	53340341	NoCal	NoCal
13) T	4,4-DDE	6.421	6.903	45826872	49430348	5.075	5.102
14) T	Endo-I	6.444	6.812	47395216	49239699	NoCal	NoCal
15) T	Dieldrin	6.604	7.013	50989821	52018379	4.911	4.833
16) T	Endrin	6.761	7.238	46536395	47403037	NoCal	NoCal
17) T	4,4-DDD	6.829	7.337	39358812	40824447	5.080	4.990
18) T	Endo-II	6.918	7.399	45103665	46607110	NoCal	NoCal
19) T	4,4-DDT	7.026	7.578	33281246	39779632	5.067	4.883
20) T	Endrin Al...	7.221	7.661	55945934	40631095	NoCal	NoCal
21) T	Methoxychlor	7.398	8.111	18476732	23298500	NoCal	NoCal
22) T	End Sulf	7.540	7.877	40451993	43468973	NoCal	NoCal
23) T	Endrin Ke...	7.745	8.253	54313299	55965586	NoCal	NoCal
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

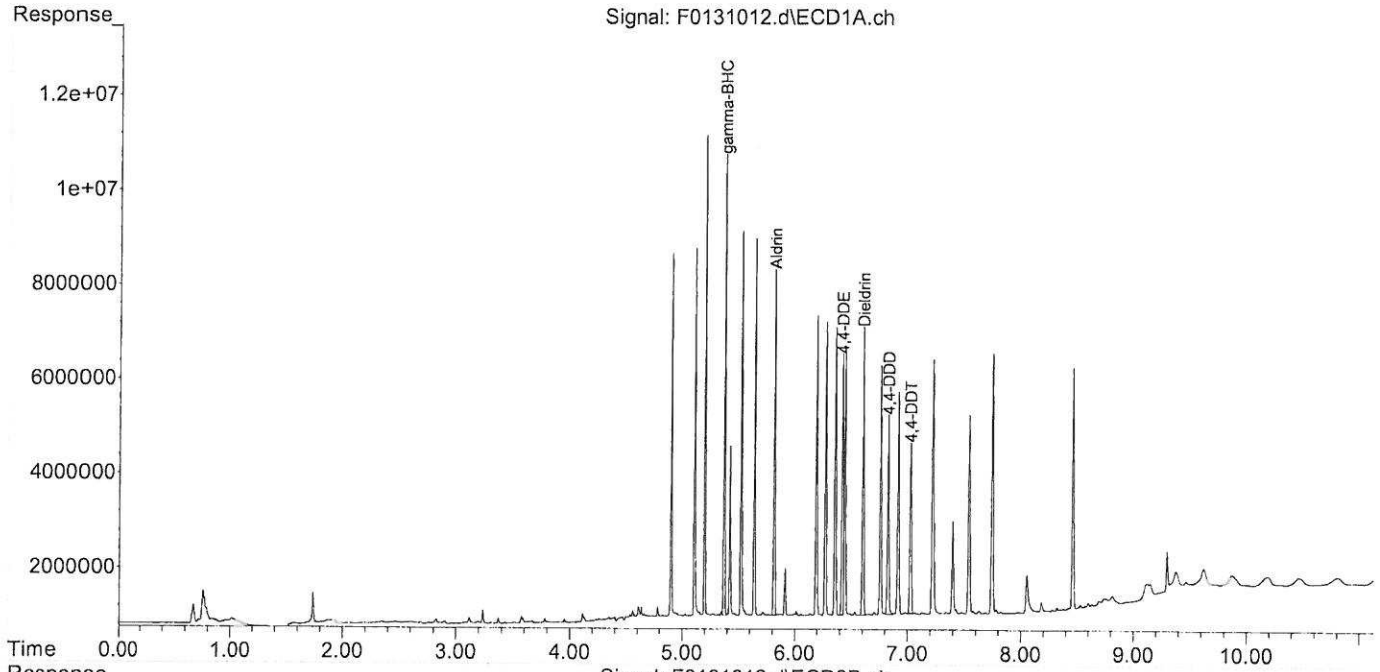
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

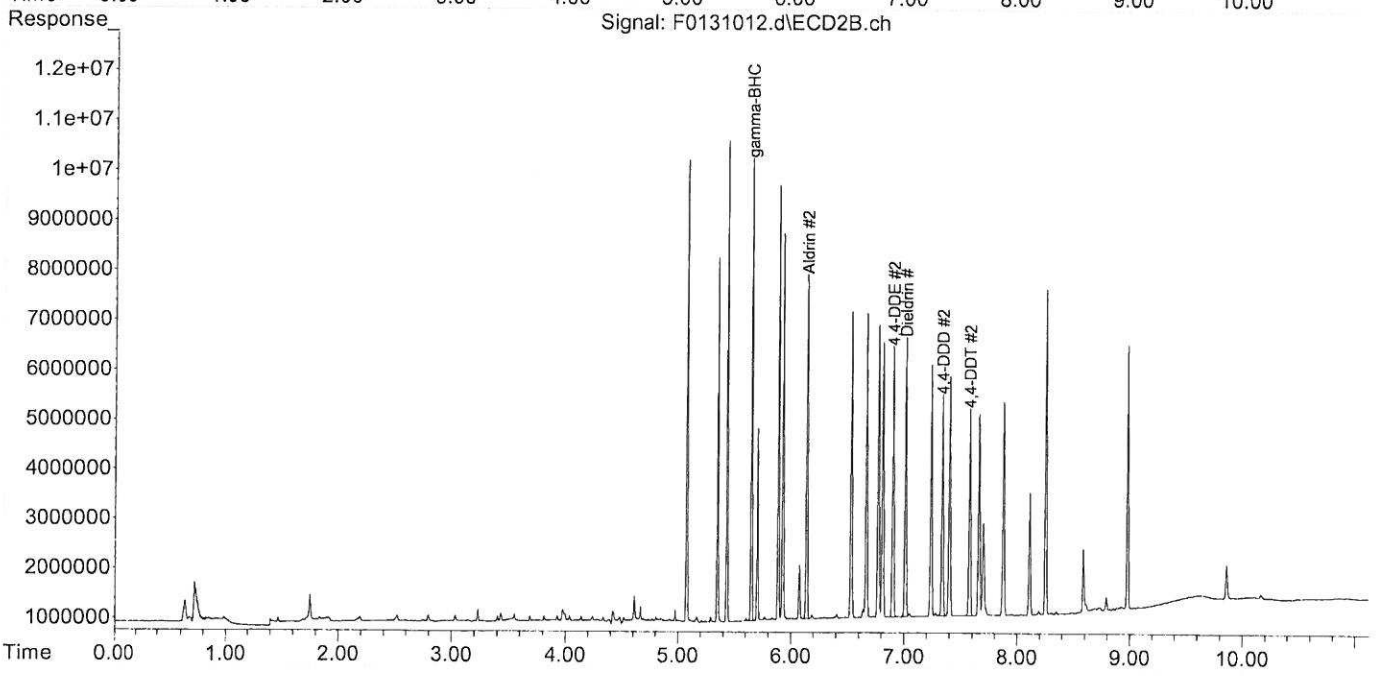
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131012.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:39 pm
Operator : JMB
Sample : S001758-CAL3 Inst : ECD 6
Misc : PEST 5
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:25 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:24 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131013.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:56 pm
Operator : JMB
Sample : S001758-CAL4 Inst : ECD 6
Misc : PEST 10
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:25 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:25 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.900	5.077	94265045	107.1E6	10.536	9.683
	Spiked Amount	200.000 Range	60 - 300	Recovery =		5.27%#	4.84%#
24) S	Decachlor...	8.459	8.979	88170231	82698958	9.702	9.868
	Spiked Amount	200.000 Range	60 - 300	Recovery =		4.85%#	4.93%#
	Target Compounds						
2) T	Hexachlor...	5.107	5.350	104.3E6	94025023	10.450	9.874
3) T	alpha-BHC	5.199	5.434	130.2E6	128.4E6	11.332	10.598
4) T	gamma-BHC	5.372	5.650	130.3E6	134.0E6	11.041	10.778
5) T	Beta-BHC	5.424	5.703	50502521	55935550	10.075	10.122
6) T	Delta-BHC	5.523	5.889	123.1E6	131.4E6	10.858	10.868
7) T	Heptachlor	5.640	5.929	120.5E6	124.6E6	10.624	10.578
8) T	Aldrin	5.816	6.141	115.2E6	119.7E6	10.779	10.837
9) T	Alachlor	5.915	6.076	15296008	17825191	9.520	9.796
10) T	Heptachlo...	6.191	6.533	108.1E6	112.7E6	10.515	10.500
11) T	Y-Chlordane	6.272	6.668	108.1E6	115.7E6	10.595	10.718
12) T	A-Chlordane	6.358	6.773	106.7E6	112.2E6	10.503	10.517
13) T	4,4-DDE	6.421	6.902	99820480	107.5E6	10.972	10.978
14) T	Endo-I	6.444	6.811	103.6E6	103.6E6	10.931	10.518
15) T	Dieldrin	6.605	7.011	109.1E6	112.5E6	10.574	10.566
16) T	Endrin	6.762	7.236	98906425	100.5E6	10.627	10.603
17) T	4,4-DDD	6.828	7.335	84068258	87274790	10.764	10.678
18) T	Endo-II	6.918	7.398	94571133	97517816	10.484	10.462
19) T	4,4-DDT	7.026	7.576	73100243	84805558	11.055	10.533
20) T	Endrin Al...	7.219	7.659	84137442	83373241	7.520	10.260 #
21) T	Methoxychlor	7.397	8.110	39768674	44655509	10.762	9.583
22) T	End Sulf	7.539	7.876	85527951	89127892	10.572	10.252
23) T	Endrin Ke...	7.745	8.252	109.3E6	110.5E6	10.059	9.873
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

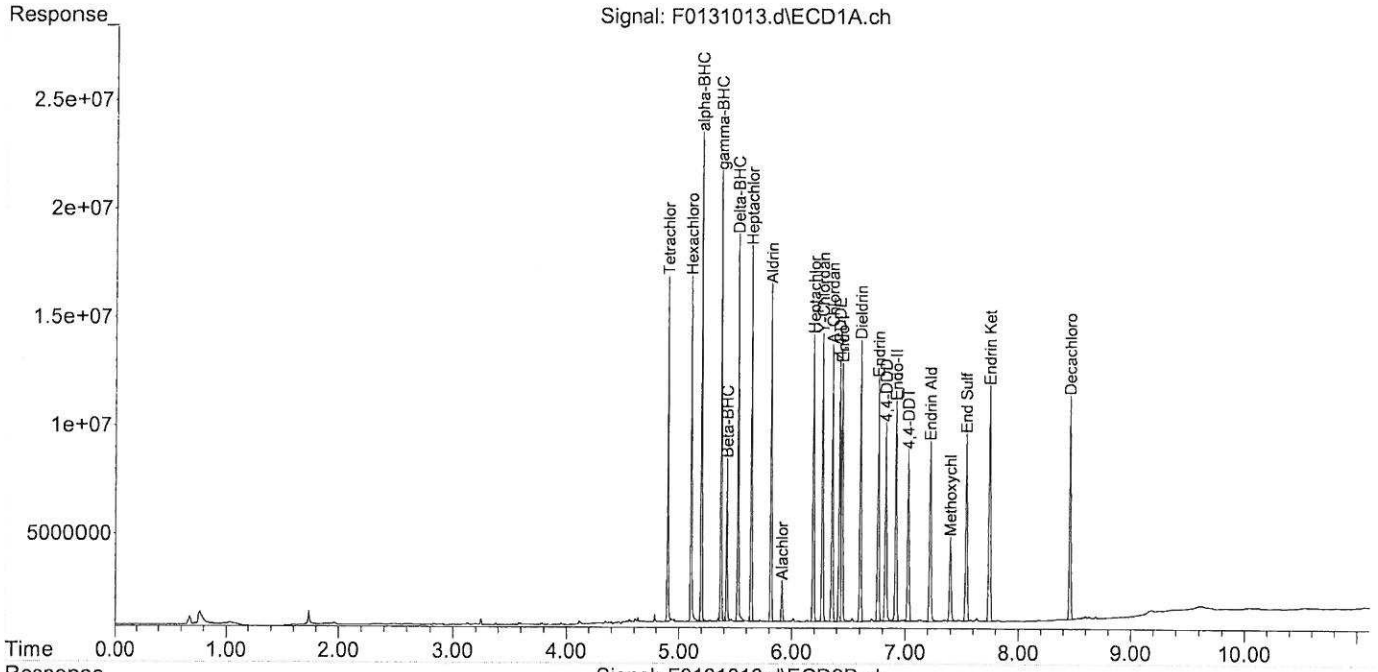
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

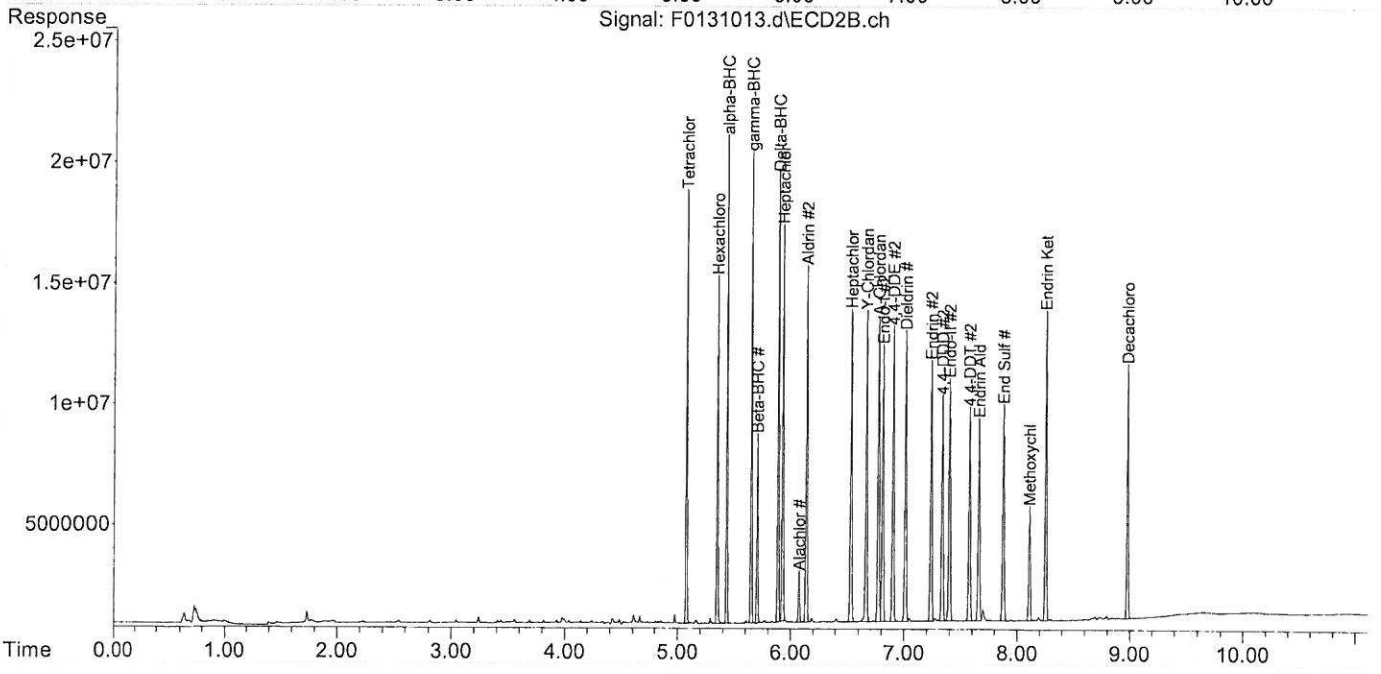
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131013.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:56 pm
Operator : JMB
Sample : S001758-CAL4 Inst : ECD 6
Misc : PEST 10
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:25 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:25 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:13 pm
Operator : JMB
Sample : S001758-CAL5 Inst : ECD 6
Misc : PEST 20
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:26 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:25 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.899	5.077	199.8E6	224.1E6	21.746	20.594
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	10.87%#	10.30%#
24) S	Decachlor...	8.458	8.979	178.3E6	167.5E6	19.913	20.116
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	9.96%#	10.06%#
	Target Compounds						
2) T	Hexachlor...	5.106	5.350	217.2E6	189.2E6	21.276	19.999
3) T	alpha-BHC	5.198	5.434	290.2E6	269.5E6	23.687	21.604
4) T	gamma-BHC	5.371	5.650	282.0E6	282.4E6	23.103	22.135
5) T	Beta-BHC	5.423	5.704	107.2E6	113.9E6	21.311	20.478
6) T	Delta-BHC	5.522	5.889	266.2E6	283.3E6	22.523	22.463
7) T	Heptachlor	5.639	5.929	257.7E6	264.4E6	22.027	21.820
8) T	Aldrin	5.815	6.141	247.8E6	255.0E6	22.598	22.455
9) T	Alachlor	5.913	6.077	29628784	34981991	19.868	19.830
10) T	Heptachlo...	6.190	6.533	226.8E6	235.1E6	21.512	21.365
11) T	Y-Chlordane	6.271	6.668	228.7E6	243.9E6	21.761	21.811
12) T	A-Chlordane	6.357	6.772	225.7E6	236.2E6	21.680	21.581
13) T	4,4-DDE	6.420	6.902	216.4E6	231.7E6	23.037	22.920
14) T	Endo-I	6.443	6.811	217.5E6	216.9E6	21.924	21.468
15) T	Dieldrin	6.604	7.012	232.9E6	239.6E6	22.251	22.201
16) T	Endrin	6.760	7.236	211.1E6	213.0E6	21.994	21.805
17) T	4,4-DDD	6.827	7.336	180.9E6	187.5E6	22.593	22.435
18) T	Endo-II	6.917	7.399	197.1E6	204.6E6	21.336	21.456
19) T	4,4-DDT	7.024	7.576	161.5E6	184.7E6	23.591	22.543
20) T	Endrin Al...	7.218	7.660	170.9E6	172.9E6	17.433	21.004
21) T	Methoxychlor	7.397	8.111	82039025	90264688	21.386	19.783
22) T	End Sulf	7.539	7.877	177.9E6	186.1E6	21.376	21.136
23) T	Endrin Ke...	7.744	8.253	226.8E6	229.3E6	20.822	20.621
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

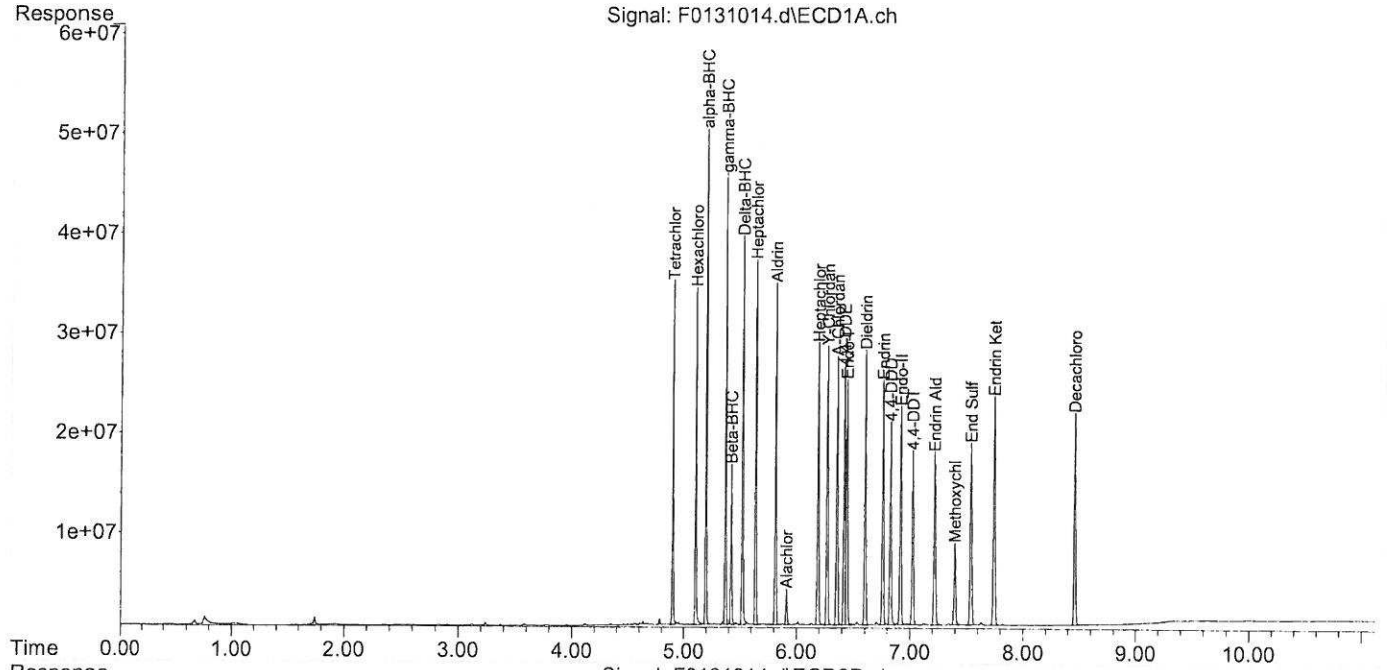
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

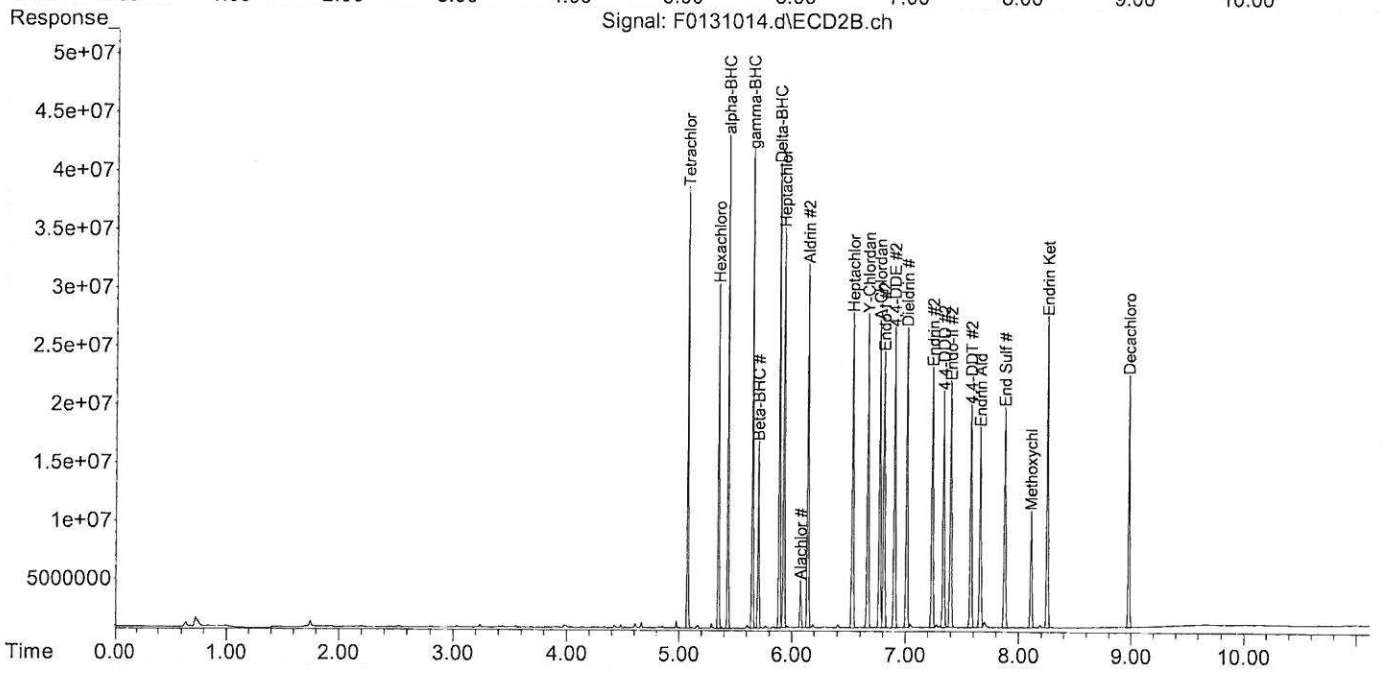
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:13 pm
Operator : JMB
Sample : S001758-CAL5 Inst : ECD 6
Misc : PEST 20
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:26 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:25 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:30 pm
Operator : JMB
Sample : S001758-CAL6 Inst : ECD 6
Misc : PEST 50
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:27 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:26 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.900	5.078	479.6E6	480.0E6	50.723	43.676
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	25.36%#	21.84%#
24)	S Decachlor...	8.460	8.980	414.2E6	390.7E6	46.333	46.838
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	23.17%#	23.42%#
	Target Compounds						
2)	T Hexachlor...	5.108	5.351	518.9E6	436.7E6	49.768	46.150
3)	T alpha-BHC	5.199	5.435	708.9E6	639.6E6	54.514	49.934
4)	T gamma-BHC	5.372	5.651	678.1E6	666.6E6	53.482	50.899
5)	T Beta-BHC	5.424	5.704	253.8E6	264.1E6	49.362	47.124
6)	T Delta-BHC	5.523	5.890	652.3E6	667.8E6	52.965	50.856
7)	T Heptachlor	5.640	5.930	612.3E6	610.9E6	50.631	48.924
8)	T Aldrin	5.816	6.142	595.7E6	601.9E6	52.624	51.430
9)	T Alachlor	5.914	6.077	64200729	74860481	44.019	43.117
10)	T Heptachlo...	6.192	6.534	532.0E6	543.1E6	49.221	48.253
11)	T Y-Chlordane	6.272	6.669	556.0E6	579.7E6	51.403	50.326
12)	T A-Chlordane	6.359	6.774	539.8E6	559.1E6	50.431	49.781
13)	T 4,4-DDE	6.422	6.903	523.9E6	558.4E6	53.738	53.300
14)	T Endo-I	6.444	6.812	511.2E6	506.5E6	49.926	48.938
15)	T Dieldrin	6.605	7.012	554.5E6	569.8E6	51.801	51.650
16)	T Endrin	6.762	7.238	499.7E6	502.6E6	50.383	49.957
17)	T 4,4-DDD	6.828	7.337	439.0E6	451.3E6	53.095	52.398
18)	T Endo-II	6.918	7.399	463.8E6	479.3E6	49.104	49.071
19)	T 4,4-DDT	7.026	7.578	404.6E6	453.1E6	56.567	53.584
20)	T Endrin Al...	7.220	7.661	394.4E6	402.3E6	42.038	48.073
21)	T Methoxychlor	7.398	8.111	194.3E6	209.1E6	49.499	45.992
22)	T End Sulf	7.541	7.878	421.0E6	434.8E6	49.453	48.473
23)	T Endrin Ke...	7.746	8.254	532.0E6	533.5E6	48.172	47.480
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D.	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

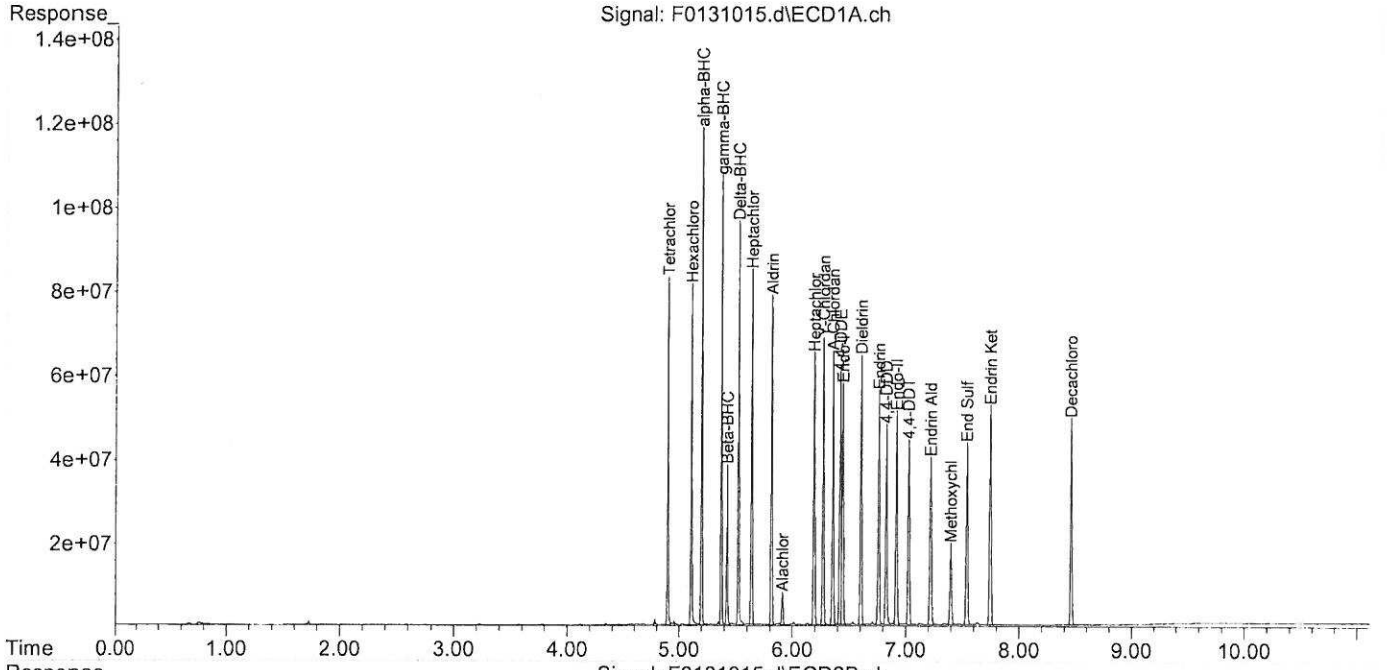
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

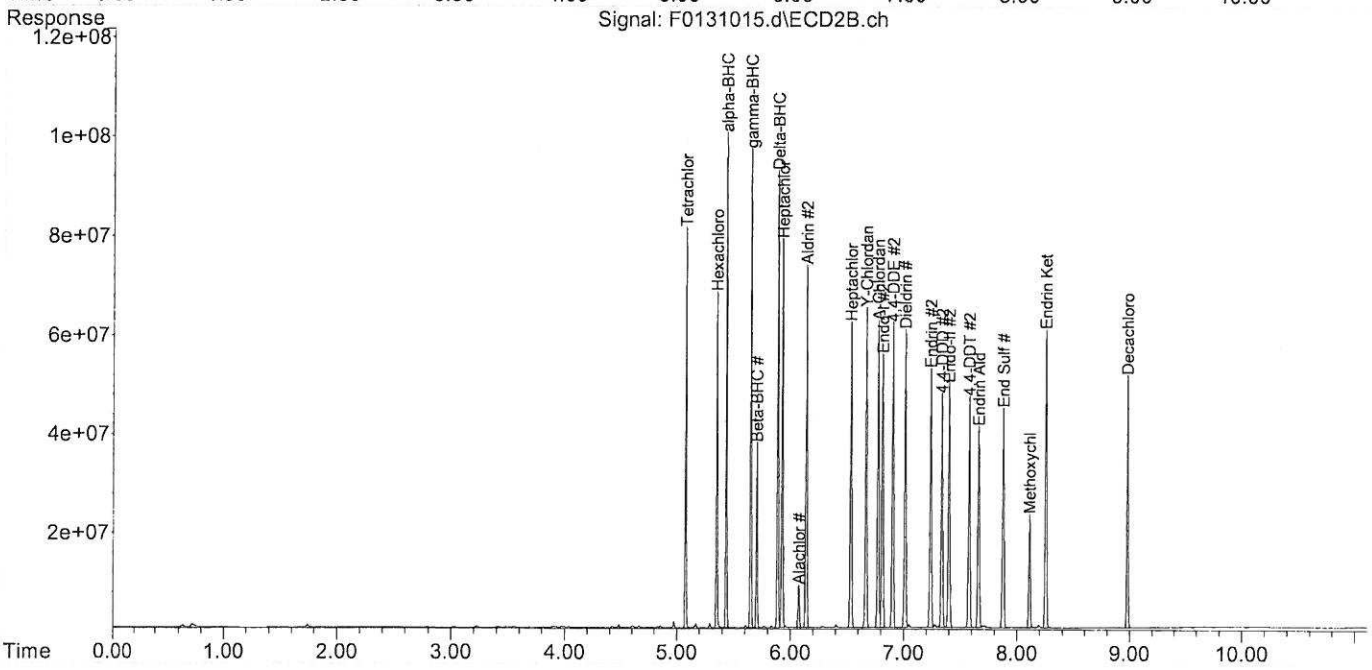
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:30 pm
Operator : JMB
Sample : S001758-CAL6 Inst : ECD 6
Misc : PEST 50
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:27 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:26 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131016.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:47 pm
Operator : JMB
Sample : S001758-CAL7 Inst : ECD 6
Misc : PEST 100
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:27 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:27 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.899	5.077	991.2E6	1036.0E6	104.465	97.348
	Spiked Amount	200.000	Range 60 - 300	Recovery =		52.23%#	48.67%#
24) S	Decachlor...	8.459	8.979	850.5E6	807.0E6	96.913	98.303
	Spiked Amount	200.000	Range 60 - 300	Recovery =		48.46%#	49.15%#
	Target Compounds						
2) T	Hexachlor...	5.106	5.350	1074.2E6	891.3E6	103.155	96.042
3) T	alpha-BHC	5.198	5.434	1453.7E6	1322.9E6	109.322	103.309
4) T	gamma-BHC	5.371	5.650	1411.4E6	1371.9E6	109.782	104.373
5) T	Beta-BHC	5.423	5.703	524.6E6	540.5E6	102.354	97.859
6) T	Delta-BHC	5.521	5.889	1350.0E6	1376.9E6	108.011	104.411
7) T	Heptachlor	5.639	5.929	1253.9E6	1251.8E6	103.365	100.795
8) T	Aldrin	5.814	6.141	1222.2E6	1233.8E6	106.845	104.813
9) T	Alachlor	5.913	6.076	126.2E6	146.1E6	99.692	98.751
10) T	Heptachlo...	6.190	6.533	1077.8E6	1101.4E6	100.107	98.725
11) T	Y-Chlordane	6.271	6.667	1142.6E6	1199.5E6	104.893	103.972
12) T	A-Chlordane	6.357	6.773	1117.4E6	1153.5E6	104.178	102.808
13) T	4,4-DDE	6.420	6.901	1096.4E6	1153.5E6	110.806	108.676
14) T	Endo-I	6.443	6.811	1027.5E6	1027.4E6	100.394	99.794
15) T	Dieldrin	6.605	7.011	1137.6E6	1163.9E6	105.643	104.929
16) T	Endrin	6.760	7.236	1027.3E6	1027.8E6	103.377	102.188
17) T	4,4-DDD	6.828	7.335	914.7E6	933.0E6	109.267	107.301
18) T	Endo-II	6.917	7.398	954.4E6	976.7E6	101.503	100.455
19) T	4,4-DDT	7.025	7.576	878.1E6	958.2E6	119.641	111.728
20) T	Endrin Al...	7.219	7.659	801.5E6	821.7E6	88.969	99.134
21) T	Methoxychlor	7.396	8.110	402.4E6	430.6E6	102.789	96.659
22) T	End Sulf	7.539	7.877	867.0E6	890.0E6	102.135	99.979
23) T	Endrin Ke...	7.744	8.252	1077.0E6	1078.1E6	98.417	97.171
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

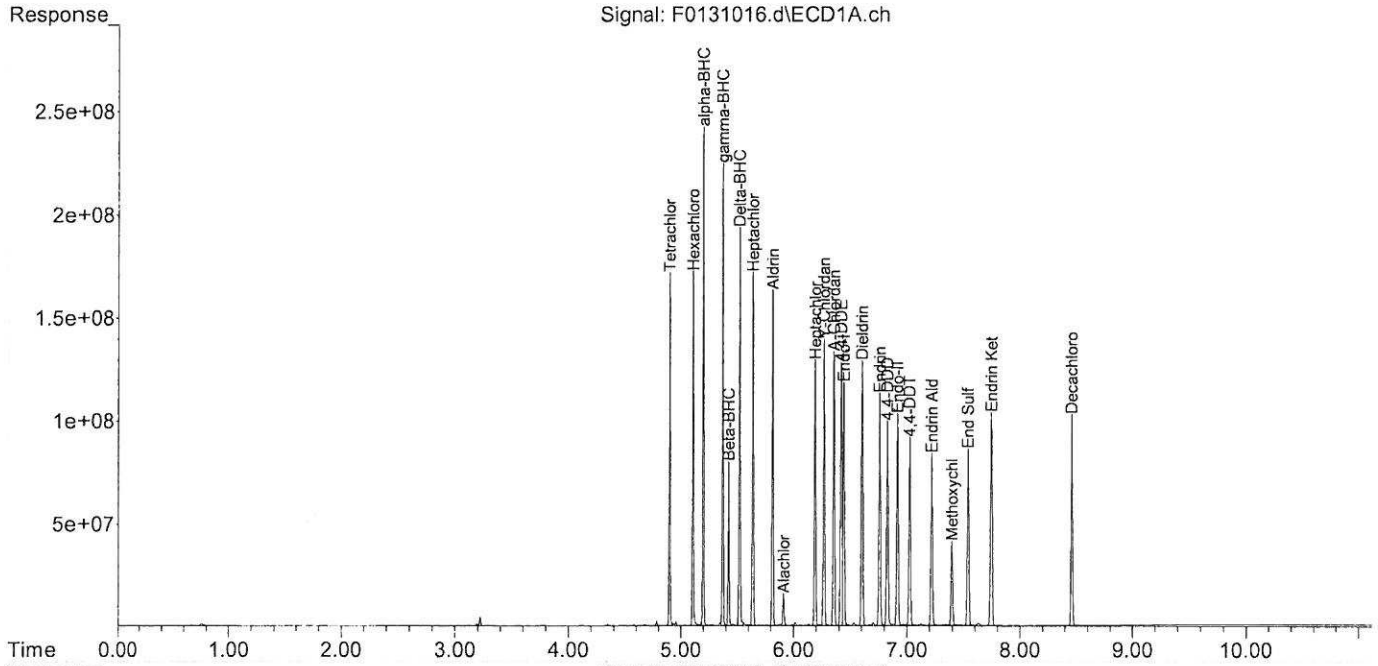
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

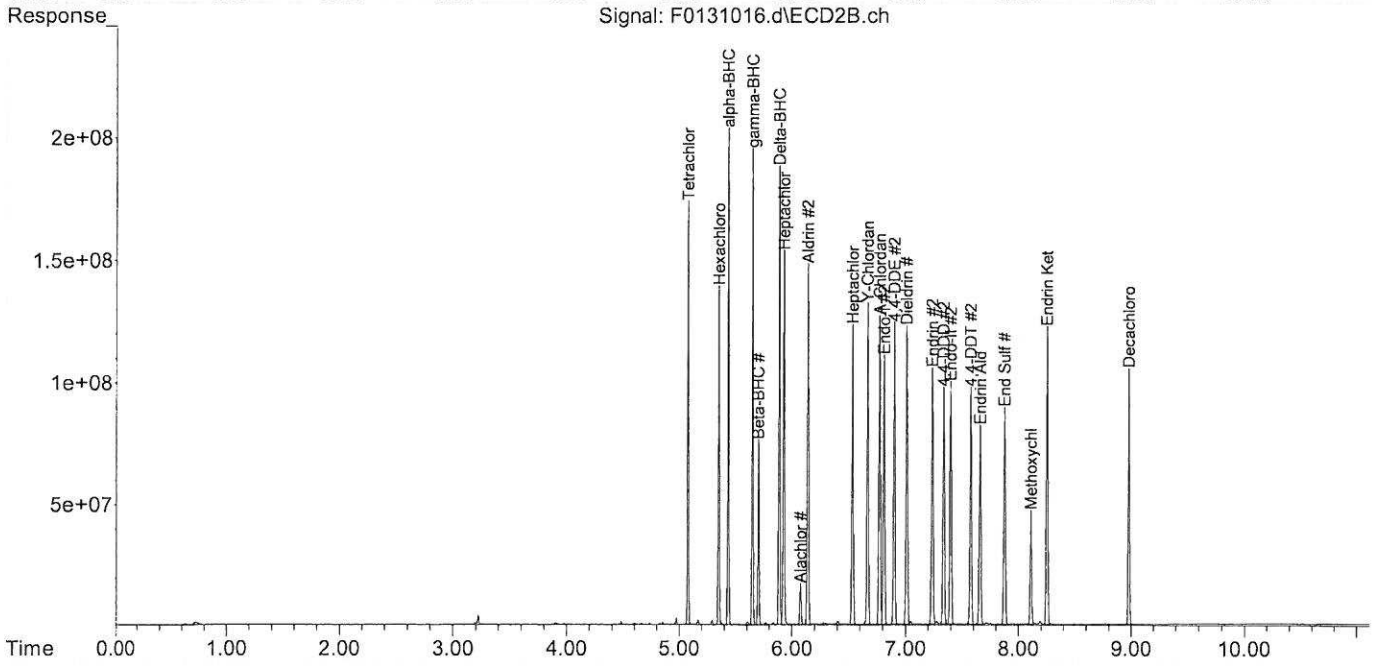
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131016.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:47 pm
Operator : JMB
Sample : S001758-CAL7 Inst : ECD 6
Misc : PEST 100
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:27 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:27 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 4:04 pm
Operator : JMB
Sample : S001758-CAL8 Inst : ECD 6
Misc : PEST 200
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:28 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:27 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.899	5.077	1933.5E6	2001.4E6	201.968	189.074
	Spiked Amount	200.000 Range	60 - 300	Recovery	= 100.98%		94.54%
24) S	Decachlor...	8.458	8.978	1682.5E6	1594.6E6	192.914	194.907
	Spiked Amount	200.000 Range	60 - 300	Recovery	= 96.46%		97.45%
	Target Compounds						
2) T	Hexachlor...	5.106	5.349	2123.7E6	1736.5E6	202.666	188.608
3) T	alpha-BHC	5.197	5.434	2874.8E6	2604.4E6	212.239	202.042
4) T	gamma-BHC	5.371	5.650	2832.7E6	2716.7E6	216.796	205.194
5) T	Beta-BHC	5.422	5.703	1054.7E6	1069.4E6	204.836	194.449
6) T	Delta-BHC	5.521	5.888	2758.0E6	2782.2E6	217.185	209.125
7) T	Heptachlor	5.639	5.928	2465.4E6	2432.0E6	201.873	195.514
8) T	Aldrin	5.814	6.140	2387.3E6	2396.9E6	206.354	202.008
9) T	Alachlor	5.913	6.075	241.3E6	279.0E6	193.403	192.966
10) T	Heptachlo...	6.189	6.532	2109.1E6	2142.0E6	195.861	192.493
11) T	Y-Chlordane	6.270	6.666	2276.8E6	2365.6E6	206.996	203.429
12) T	A-Chlordane	6.356	6.771	2216.9E6	2273.1E6	204.977	201.469
13) T	4,4-DDE	6.419	6.900	2172.3E6	2263.8E6	215.657	210.241
14) T	Endo-I	6.442	6.809	2008.1E6	2001.9E6	196.059	194.536
15) T	Dieldrin	6.604	7.010	2231.5E6	2270.1E6	205.564	203.221
16) T	Endrin	6.760	7.234	2024.2E6	2017.8E6	202.338	199.734
17) T	4,4-DDD	6.826	7.333	1827.1E6	1859.6E6	214.946	211.301
18) T	Endo-II	6.916	7.396	1879.5E6	1926.4E6	199.302	197.957
19) T	4,4-DDT	7.023	7.574	1799.5E6	1923.5E6	237.398	219.988
20) T	Endrin Al...	7.217	7.657	1587.3E6	1610.8E6	180.171	194.667
21) T	Methoxychlor	7.395	8.108	809.0E6	852.2E6	205.500	192.563
22) T	End Sulf	7.538	7.875	1717.3E6	1762.9E6	201.429	198.054
23) T	Endrin Ke...	7.743	8.251	2115.4E6	2136.8E6	193.931	193.687
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

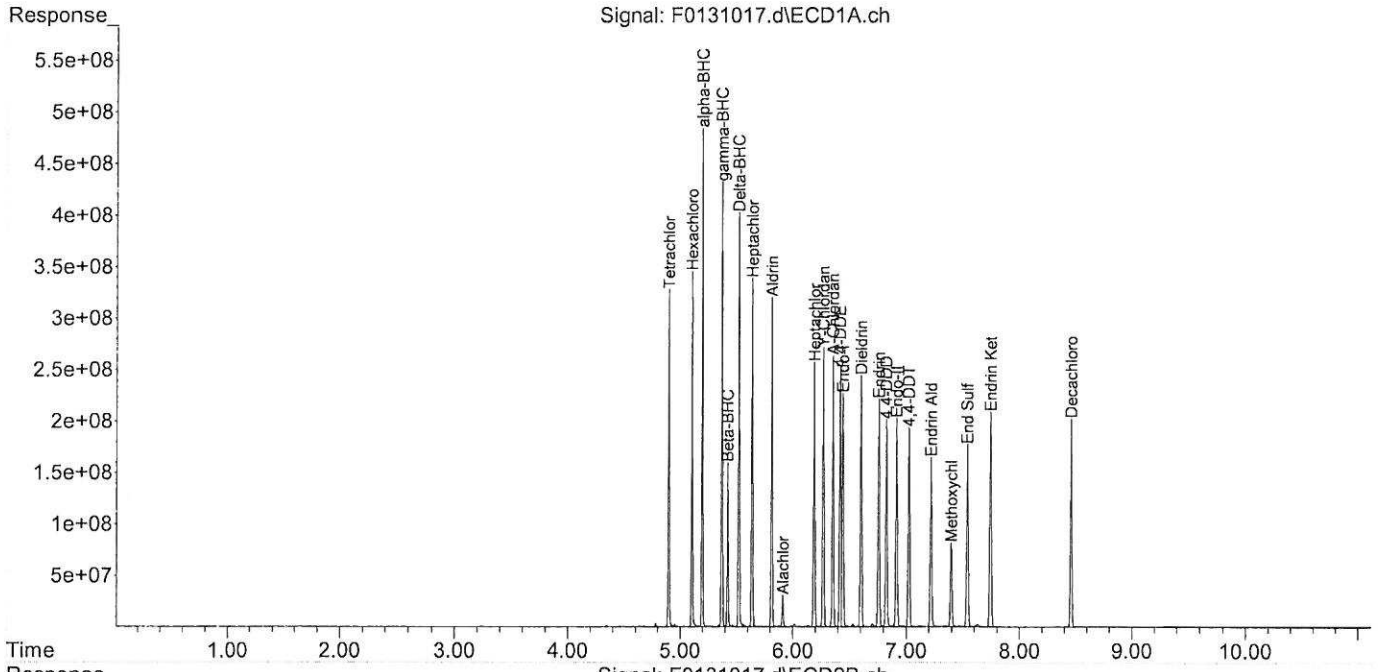
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

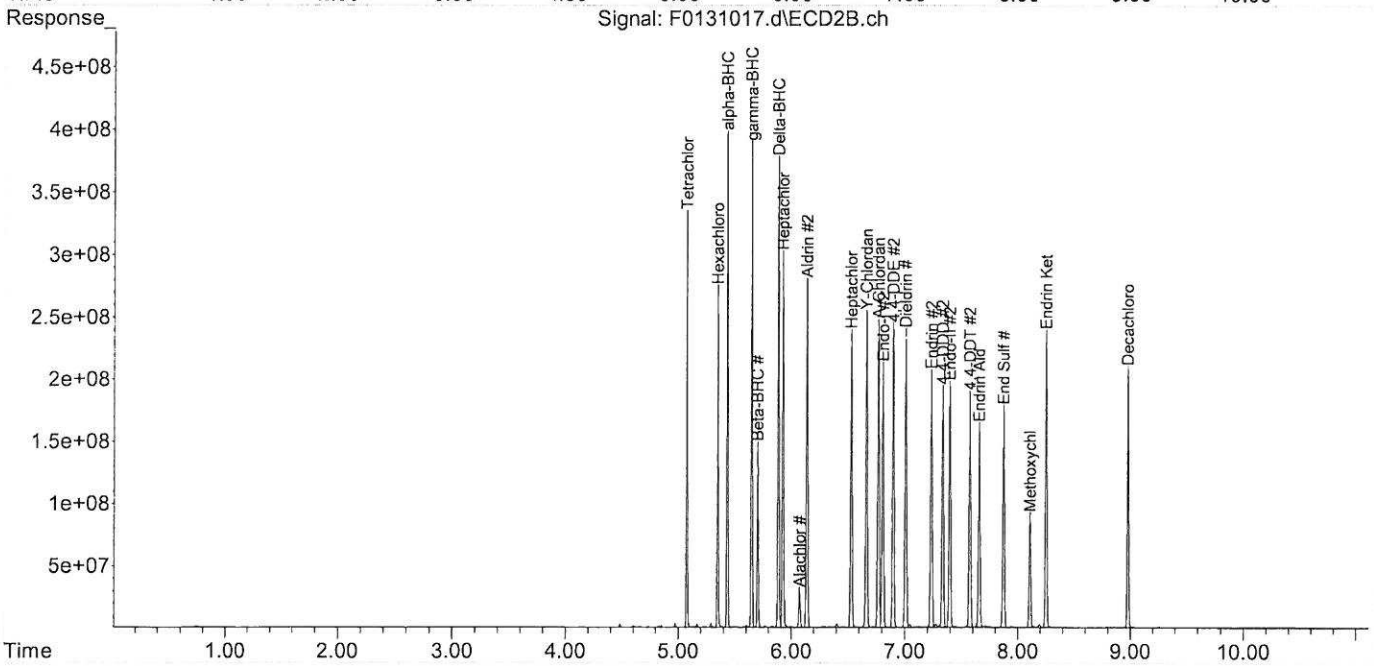
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 4:04 pm
Operator : JMB
Sample : S001758-CAL8 Inst : ECD 6
Misc : PEST 200
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:28 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:27 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131019.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 4:38 pm
Operator : JMB
Sample : S001758-CAL2 Inst : ECD 6
Misc : PEST 1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:23 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	4.899	5.075	9622172	12610308	NoCal	NoCal
Spiked Amount	200.000 Range	60 - 300	Recovery =		0.00%#	0.00%#
24) S Decachlor...	8.458	8.977	11772205	10622123	NoCal	NoCal
Spiked Amount	200.000 Range	60 - 300	Recovery =		0.00%#	0.00%#
Target Compounds						
2) T Hexachlor...	5.106	5.348	10835097	11381349	NoCal	NoCal
3) T alpha-BHC	5.196	5.432	10822310	12146328	NoCal	NoCal
4) T gamma-BHC	5.370	5.648	11473873	12283453	NoCal	NoCal
5) T Beta-BHC	5.422	5.701	5670135	5991346	NoCal	NoCal
6) T Delta-BHC	5.521	5.886	10848206	11369914	NoCal	NoCal
7) T Heptachlor	5.638	5.926	11532213	11926943	NoCal	NoCal
8) T Aldrin	5.813	6.138	10615849	10955321	NoCal	NoCal
9) T Alachlor	5.912	6.074	1868075	1975519	NoCal	NoCal
10) T Heptachlo...	6.188	6.531	10981749	11318270	NoCal	NoCal
11) T Y-Chlordane	6.269	6.665	11205450	11252070	NoCal	NoCal
12) T A-Chlordane	6.355	6.771	10867530	11264360	NoCal	NoCal
13) T 4,4-DDE	6.419	6.900	9029967	9689221	NoCal	NoCal
14) T Endo-I	6.441	6.809	10506716	10391308	NoCal	NoCal
15) T Dieldrin	6.602	7.009	10477823	10633578	1.019	0.976
16) T Endrin	6.758	7.234	9593182	9735270	NoCal	NoCal
17) T 4,4-DDD	6.825	7.333	7748516	8181296	NoCal	NoCal
18) T Endo-II	6.915	7.395	9744543	10046031	NoCal	NoCal
19) T 4,4-DDT	7.023	7.573	6568086	8147067	NoCal	NoCal
20) T Endrin Al...	7.217	7.656	9928066	8940216	NoCal	NoCal
21) T Methoxychlor	7.395	8.108	4141269	5043522	NoCal	NoCal
22) T End Sulf	7.537	7.874	9582474	9715116	NoCal	NoCal
23) T Endrin Ke...	7.742	8.250	11357325	11509561	NoCal	NoCal
25) L8 Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane					0.000	0.000
30) H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

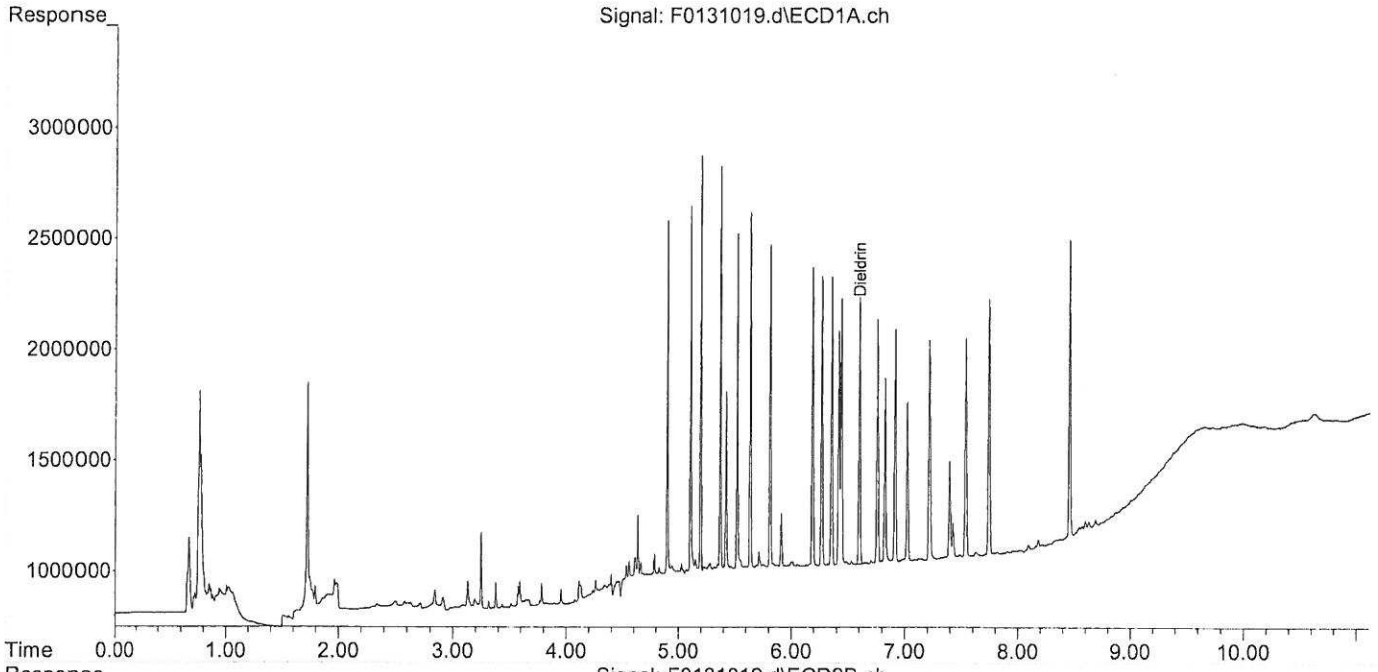
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

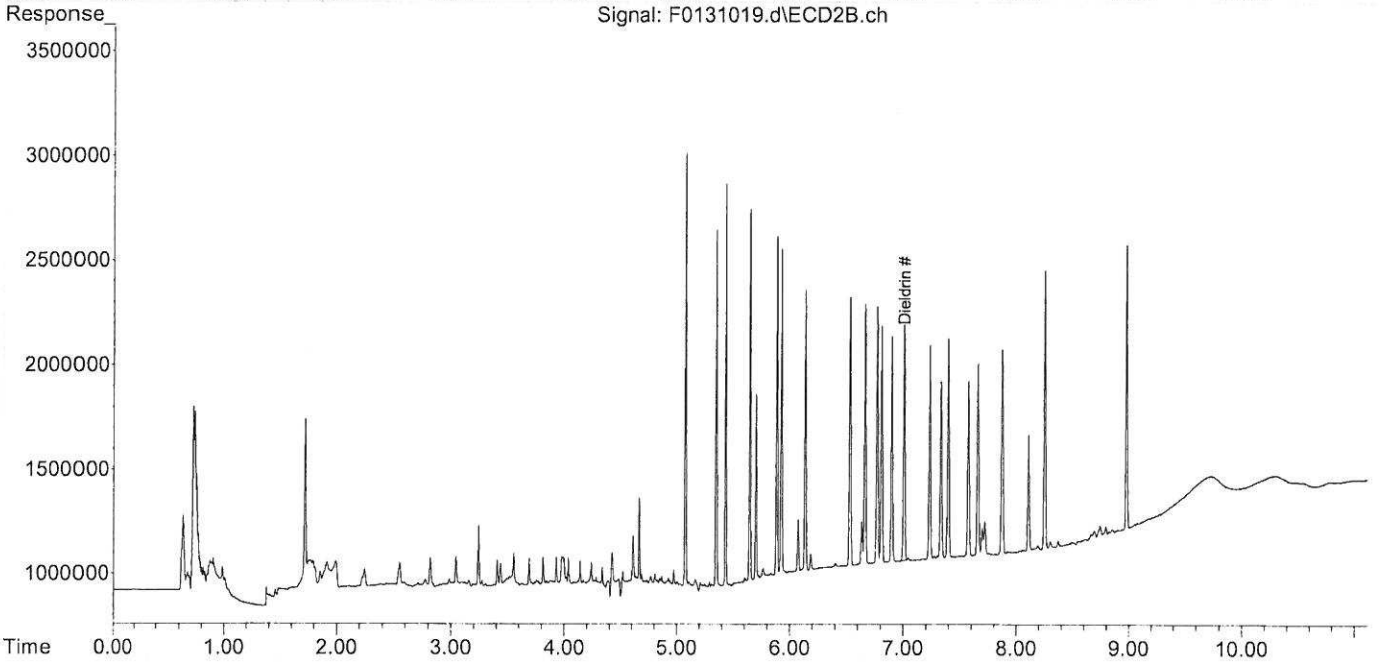
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131019.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 4:38 pm
Operator : JMB
Sample : S001758-CAL2 Inst : ECD 6
Misc : PEST 1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:23 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 5:12 pm
Operator : JMB
Sample : S001758-ICV1 Inst : ECD 6
Misc : PEST ICV 100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 07 18:46:23 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:28 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	4.897	5.074	960.3E6	964.8E6	100.145	91.982	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		50.07%#	45.99%#	
24) S	Decachlor...	8.456	8.976	853.7E6	799.5E6	98.464	98.139	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		49.23%#	49.07%#	
	Target Compounds							
2) T	Hexachlor...	5.104	5.347	1120.8E6	936.9E6	106.719	102.736	
3) T	alpha-BHC	5.195	5.431	1575.9E6	1451.4E6	115.169	112.409	
4) T	gamma-BHC	5.368	5.647	1483.3E6	1440.2E6	112.180	108.376	
5) T	Beta-BHC	5.420	5.700	576.2E6	591.6E6	111.454	108.061	
6) T	Delta-BHC	5.519	5.885	1437.5E6	1451.8E6	111.601	108.305	
7) T	Heptachlor	5.636	5.925	1379.3E6	1368.3E6	112.763	110.416	
8) T	Aldrin	5.811	6.137	1354.1E6	1361.2E6	116.515	114.555	
9) T	Alachlor	5.910	6.073	128.4E6	147.1E6	104.101	102.976	
10) T	Heptachlo...	6.187	6.529	1196.2E6	1214.4E6	111.469	109.816	
11) T	Y-Chlordane	6.267	6.664	1243.8E6	1294.2E6	112.422	110.977	
12) T	A-Chlordane	6.353	6.769	1224.1E6	1253.9E6	112.716	110.995	
13) T	4,4-DDE	6.417	6.898	1185.2E6	1257.4E6	116.362	115.927	
14) T	Endo-I	6.440	6.807	1149.9E6	1132.3E6	112.637	110.537	
15) T	Dieldrin	6.600	7.007	1271.1E6	1292.7E6	116.690	115.491	
16) T	Endrin	6.756	7.232	1151.7E6	1148.1E6	114.898	113.677	
17) T	4,4-DDD	6.823	7.331	992.2E6	1015.7E6	115.496	114.488	
18) T	Endo-II	6.912	7.394	1047.2E6	1069.8E6	111.110	110.114	
19) T	4,4-DDT	7.020	7.571	932.2E6	1043.3E6	119.779m	117.638	
20) T	Endrin Al...	7.215	7.655	707.4E6	726.0E6	81.643	88.132	
21) T	Methoxychlor	7.393	8.106	453.1E6	476.7E6	114.583	108.404	
22) T	End Sulf	7.535	7.872	957.0E6	988.3E6	112.119	111.208	
23) T	Endrin Ke...	7.740	8.248	1132.0E6	1137.0E6	104.307	103.606	
25) L8	Chlordane{1}	5.601	5.833	4891177	4908322	11.257	11.710	
26) L8	Chlordane{2}	5.636	5.925	1379.3E6	1368.3E6	2311.503	2330.761	
27) L8	Chlordane{3}	5.910	0.000	128.4E6	0	283.100	N.D.	#
28) L8	Chlordane{4}	6.267	0.000	1243.8E6	0	846.326	N.D.	#
29) L8	Chlordane{5}	6.353	6.769	1224.1E6	1253.9E6	545.556	1136.820	#
	Sum Chlordane			3980.5E6	2627.1E6	3997.743	3479.291	
Average	Chlordane					799.549	1159.764	
30) H	Toxaphene	7.100	7.600	15007.9E6	15280.5E6	2092.339	2216.436	

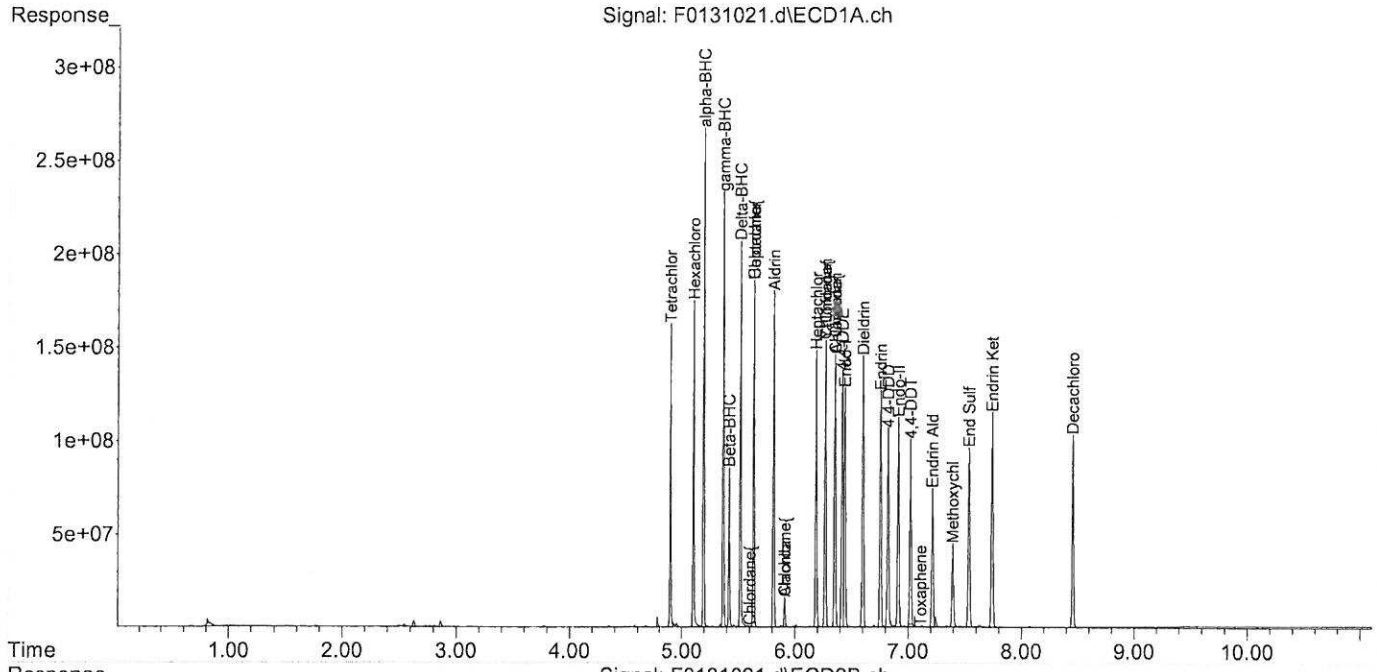
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

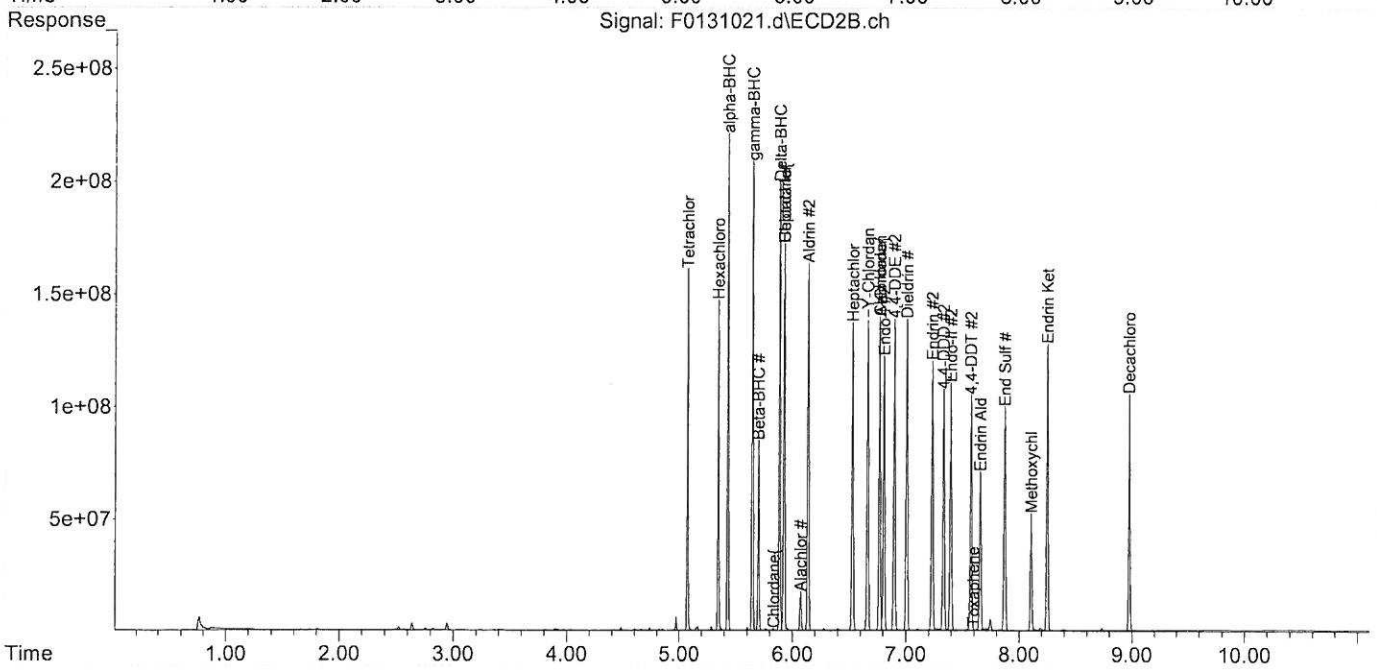
Quantitation Report (QT Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 5:12 pm
Operator : JMB
Sample : S001758-ICV1 Inst : ECD 6
Misc : PEST ICV 100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 07 18:46:23 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:28 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



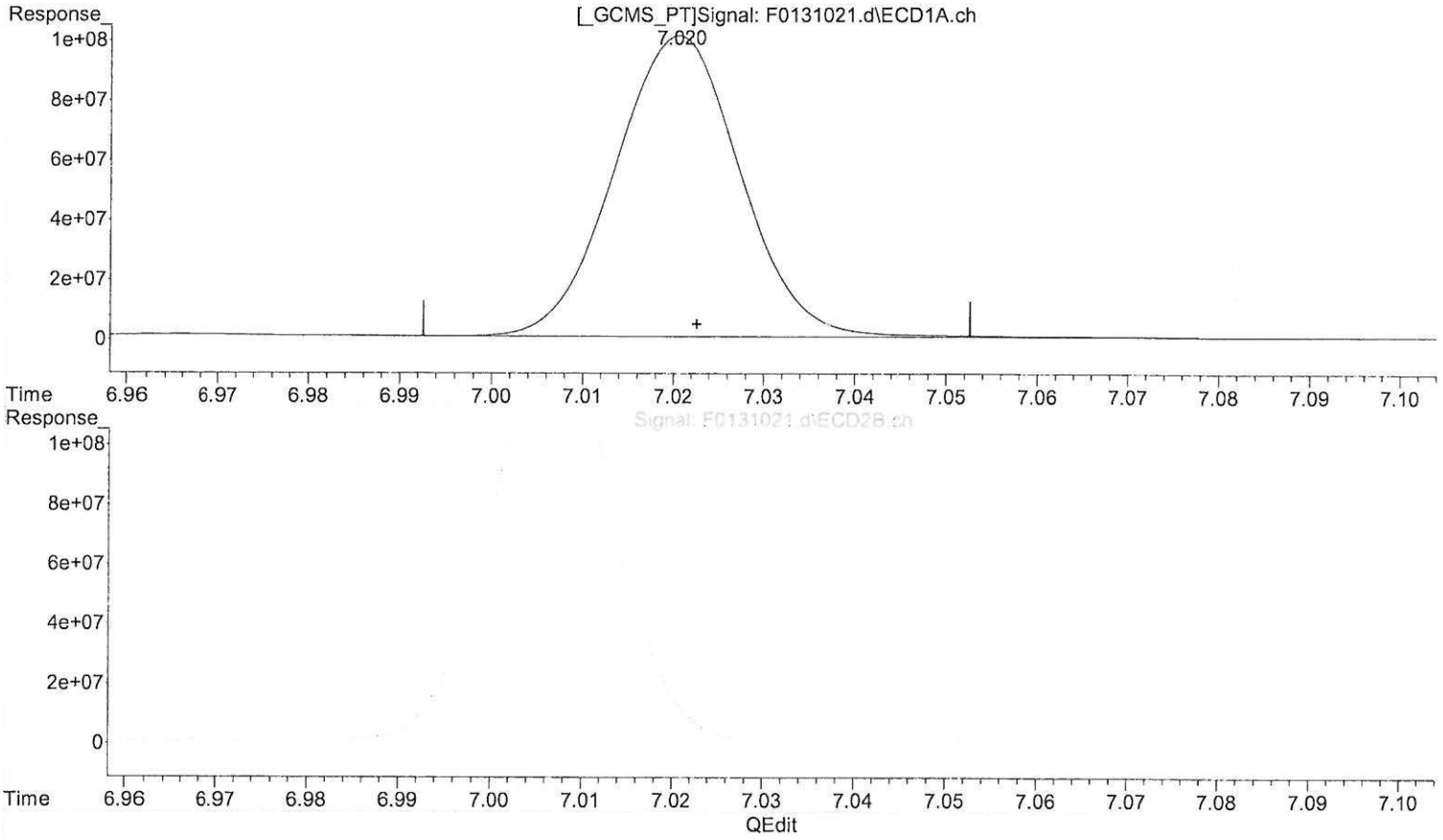


Quantitation Report (Qedit)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 5:12 pm
Operator : JMB
Sample : S001758-ICV1 Inst : ECD 6
Misc : PEST ICV 100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:51 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:28 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(19) 4,4-DDT (T)

7.021min 125.283 ug/L

response 975035977

(19) 4,4-DDT #2 (T)

7.571min 117.638 ug/L

response 1043293234

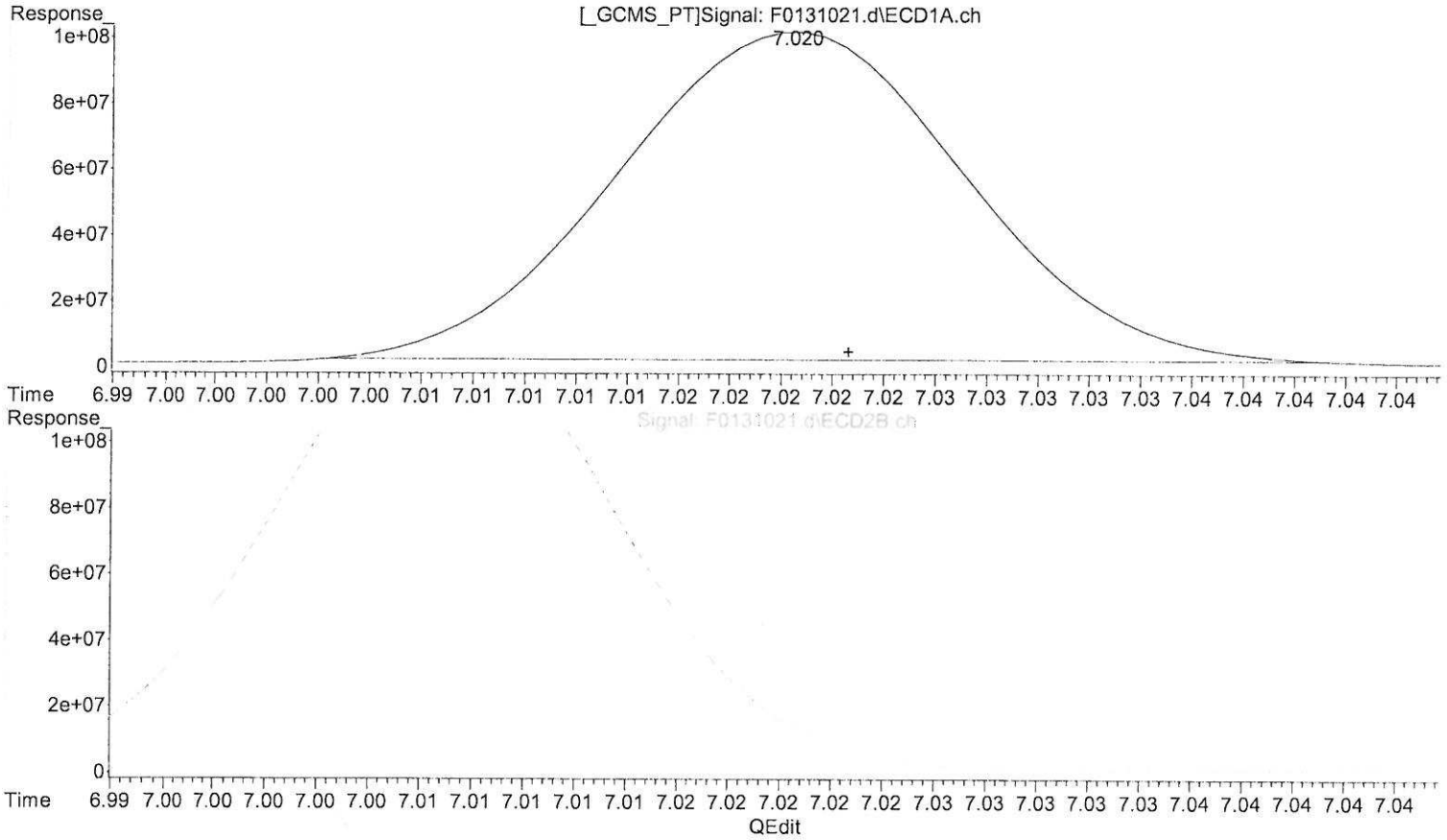
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 5:12 pm
Operator : JMB
Sample : S001758-ICV1 Inst : ECD 6
Misc : PEST ICV 100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:51 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:28 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(19) 4,4-DDT (T)

7.020min 119.779 ug/L m

response 932200771

(19) 4,4-DDT #2 (T)

7.571min 117.638 ug/L

response 1043293234

(+) = Expected Retention Time

Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:16 pm
Operator : JMB
Sample : S001304-CAL1 Inst : ECD 6
Misc : CHLOR 20
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:40 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	4.879	5.062	191.4E6	195.7E6	19.933	19.818	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		9.97%#	9.91%#	
24)	S Decachlor...	8.482	9.002	158.0E6	138.9E6	19.887	19.625	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		9.94%#	9.81%#	
	Target Compounds							
2)	T Hexachlor...	5.088	0.000	2303584	0	0.231	N.D.	#
3)	T alpha-BHC	0.000	5.394f	0	940586	N.D.	<MDL	
4)	T gamma-BHC	5.331f	0.000	824786	0	<MDL	N.D.	#
5)	T Beta-BHC	0.000	0.000	0	0	N.D.	N.D.	
6)	T Delta-BHC	5.476f	0.000	884698	0	<MDL	N.D.	#
7)	T Heptachlor	5.625	5.924	11482542	10953632	0.982	0.964	
8)	T Aldrin	0.000	0.000	0	0	N.D.	N.D.	
9)	T Alachlor	5.891	0.000	9732732	0	3.430	N.D.	#
10)	T Heptachlo...	6.193f	6.512	3272721	4975156	0.323	0.489	#
11)	T Y-Chlordane	6.265	6.671	28091006	26345617	2.666	2.492	
12)	T A-Chlordane	6.348	6.779	42005175	20652407	4.098	2.010	#
13)	T 4,4-DDE	0.000	0.000	0	0	N.D.	N.D.	
14)	T Endo-I	0.000	6.779f	0	20652407	N.D.	2.174	
15)	T Dieldrin	0.000	7.025f	0	3450050	N.D.	0.323	
16)	T Endrin	0.000	7.225	0	980370	N.D.	<MDL	
17)	T 4,4-DDD	0.000	7.316f	0	4694625	N.D.	0.603	
18)	T Endo-II	0.000	0.000	0	0	N.D.	N.D.	
19)	T 4,4-DDT	7.043f	0.000	1740518	0	0.207	N.D.	#
20)	T Endrin Al...	0.000	7.690f	0	1766055	N.D.	0.230	
21)	T Methoxychlor	0.000	0.000	0	0	N.D.	N.D.	
22)	T End Sulf	0.000	0.000	0	0	N.D.	N.D.	
23)	T Endrin Ke...	0.000	0.000	0	0	N.D.	N.D.	
25)	L8 Chlordane{1}	5.578	5.830	8377720	8038939	19.282	19.179	
26)	L8 Chlordane{2}	5.625	5.924	11482542	10953632	19.244	18.658	
27)	L8 Chlordane{3}	5.891	6.243	9732732	9184947	21.454	21.369	
28)	L8 Chlordane{4}	6.265	6.740	28091006	21182018	19.114	18.940	
29)	L8 Chlordane{5}	6.348	6.779	42005175	20652407	18.720	18.725	
	Sum Chlordane			99689174	70011945	97.815	96.870	
Average Chlordane						19.563	19.374	
30)	H Toxaphene	7.100	7.500	205.7E6	188.0E6	24.303	31.438	#

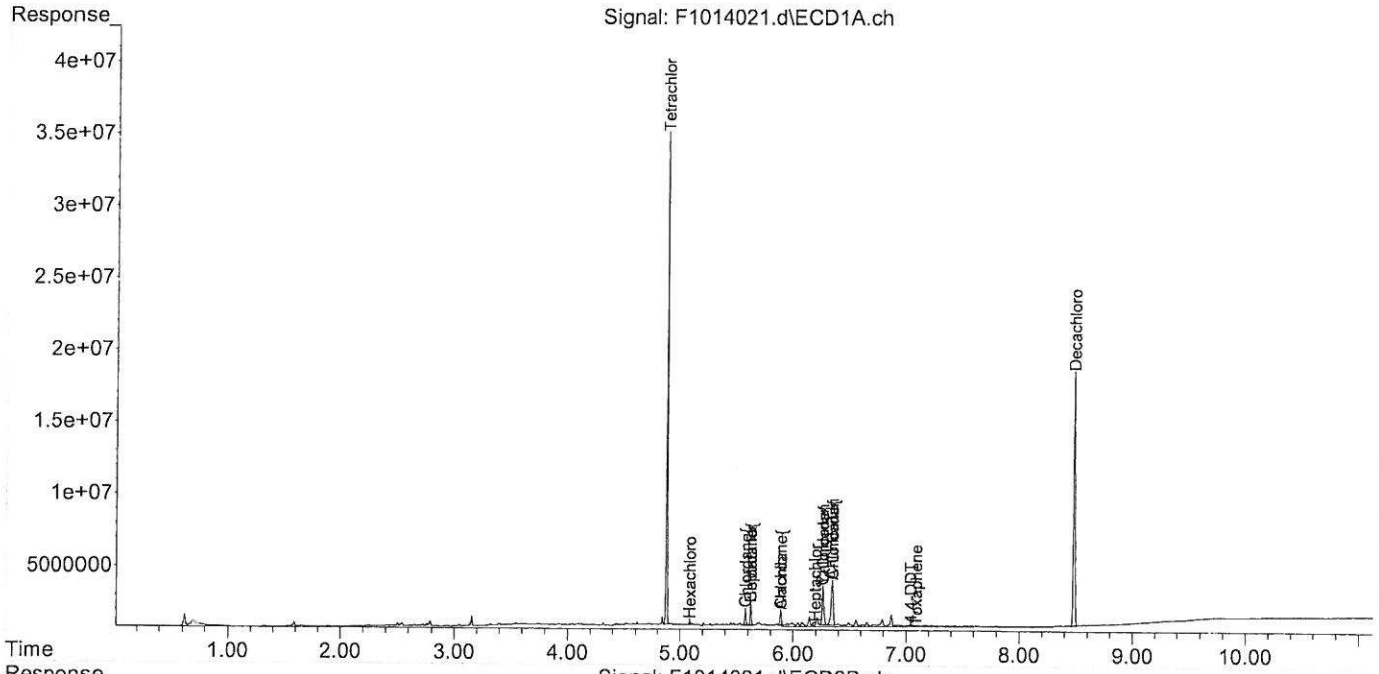
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

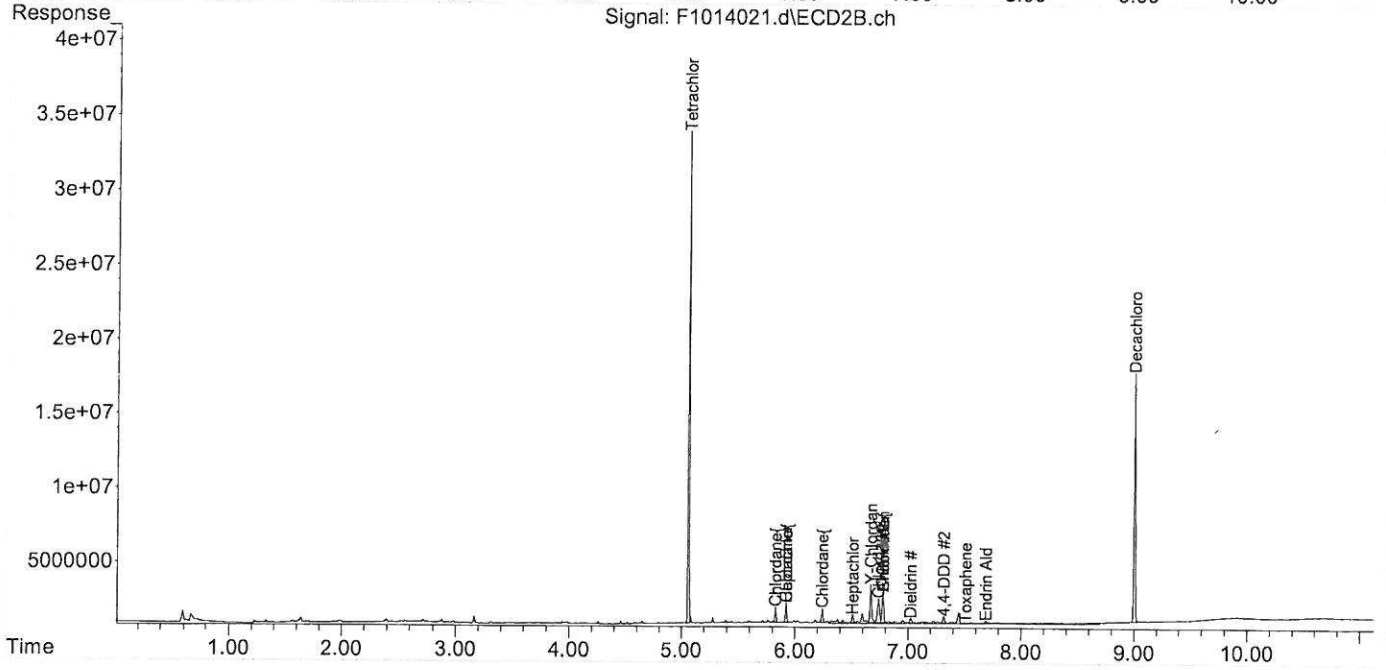
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:16 pm
Operator : JMB
Sample : S001304-CAL1 Inst : ECD 6
Misc : CHLOR 20
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:40 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014022.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:33 pm
Operator : JMB
Sample : S001304-CAL2 Inst : ECD 6
Misc : CHLOR 50
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:42 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	4.879	5.061	464.4E6	484.2E6	48.354	49.037	
	Spiked Amount	200.000	Range 60 - 300		Recovery =	24.18%#	24.52%#	
24) S	Decachlor...	8.482	9.001	365.3E6	329.1E6	45.980	46.496	
	Spiked Amount	200.000	Range 60 - 300		Recovery =	22.99%#	23.25%#	
	Target Compounds							
2) T	Hexachlor...	5.087	0.000	5628378	0	0.565	N.D.	#
3) T	alpha-BHC	0.000	5.393f	0	2174360	N.D.	0.154	
4) T	gamma-BHC	5.331f	5.651f	4162466	1013734	0.327	<MDL	#
5) T	Beta-BHC	5.384f	0.000	2201010	0	0.423	N.D.	#
6) T	Delta-BHC	5.475f	0.000	2663080	0	0.210	N.D.	#
7) T	Heptachlor	5.625	5.923	28126598	26895851	2.406	2.367	
8) T	Aldrin	0.000	6.105f	0	831133	N.D.	<MDL	
9) T	Alachlor	5.890	0.000	22382635	0	13.342	N.D.	#
10) T	Heptachlo...	6.193f	6.511	8039735	11965433	0.793	1.176	#
11) T	Y-Chlordane	6.264	6.670	68731277	63245152	6.522	5.983	
12) T	A-Chlordane	6.347	6.778	105.3E6	50219552	10.274	4.888	#
13) T	4,4-DDE	6.405	6.883f	4584459	1448737	0.456	<MDL	#
14) T	Endo-I	6.405f	6.819	4584459	2352480	0.482	0.248	#
15) T	Dieldrin	6.614f	7.024f	1956524	8744262	0.190	0.819	#
16) T	Endrin	0.000	7.223	0	2956192	N.D.	0.313	
17) T	4,4-DDD	0.000	7.315f	0	11052740	N.D.	1.420	
18) T	Endo-II	0.000	7.395	0	2395651	N.D.	0.267	
19) T	4,4-DDT	7.042f	0.000	3970475	0	0.472	N.D.	#
20) T	Endrin Al...	0.000	7.689f	0	4265094	N.D.	0.555	
21) T	Methoxychlor	0.000	0.000	0	0	N.D.	N.D.	
22) T	End Sulf	0.000	0.000	0	0	N.D.	N.D.	
23) T	Endrin Ke...	0.000	0.000	0	0	N.D.	N.D.	
25) L8	Chlordane{1}	5.578	5.829	20919946	19420981	48.148	46.333	
26) L8	Chlordane{2}	5.625	5.923	28126598	26895851	47.138	45.813	
27) L8	Chlordane{3}	5.890	6.242	22382635	20828397	49.339	48.458	
28) L8	Chlordane{4}	6.264	6.739	68731277	50740550	46.768	45.369	
29) L8	Chlordane{5}	6.347	6.778	105.3E6	50219552	46.931	45.532	
	Sum Chlordane			245.5E6	168.1E6	238.325	231.505	
Average	Chlordane					47.665	46.301	
30) H	Toxaphene	7.100	7.500	399.9E6	368.6E6	47.263	61.646	#

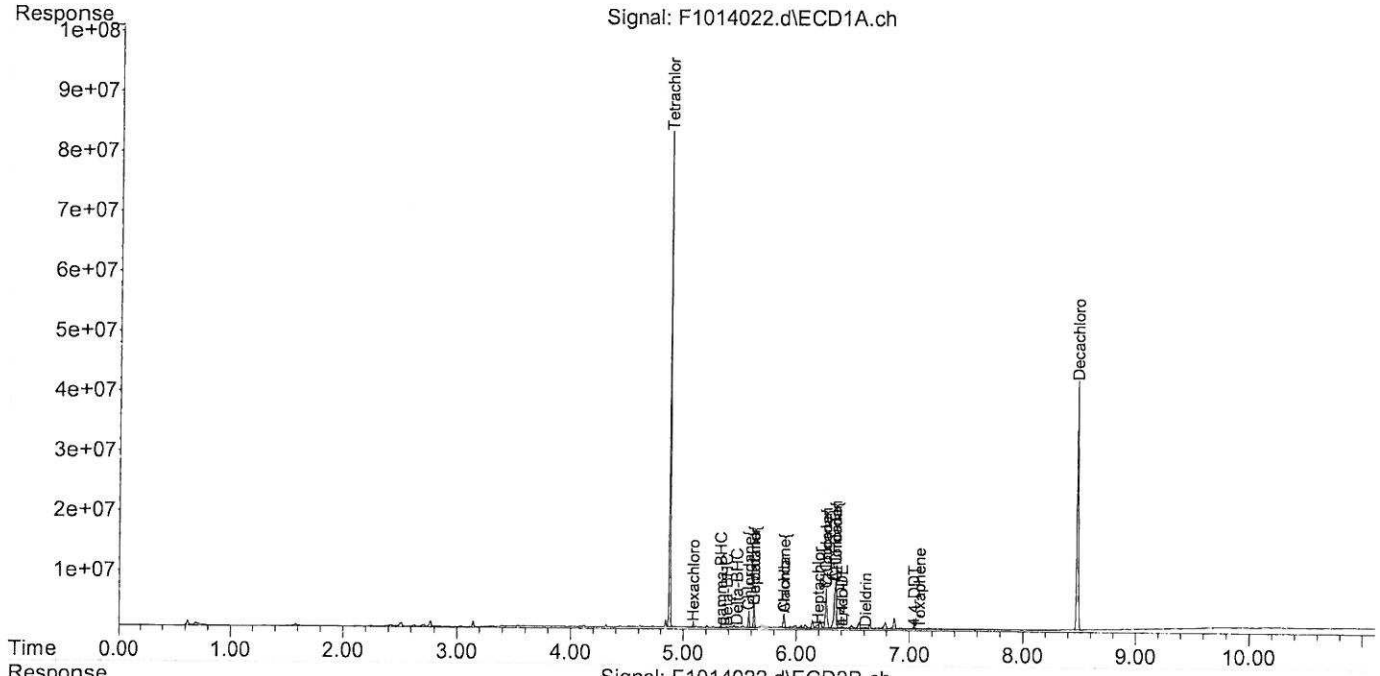
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

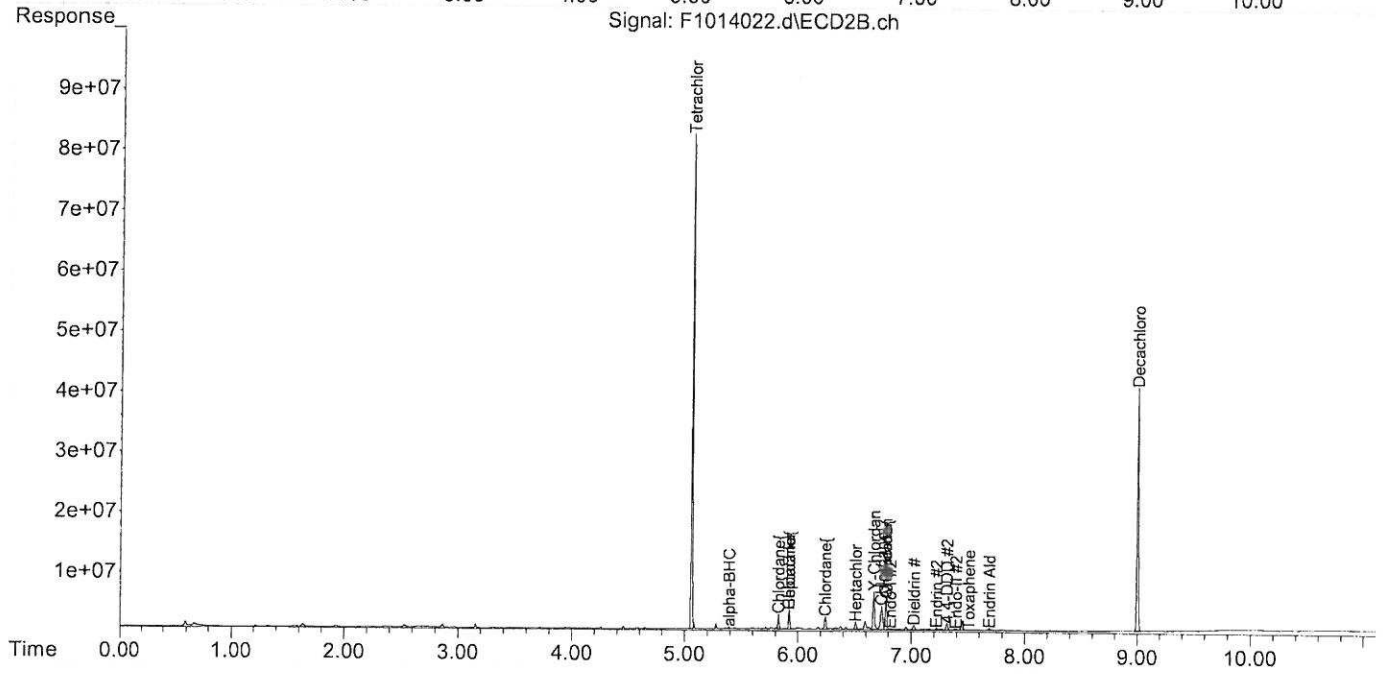
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014022.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:33 pm
Operator : JMB
Sample : S001304-CAL2 Inst : ECD 6
Misc : CHLOR 50
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:42 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014023.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:51 pm
Operator : JMB
Sample : S001304-CAL3 Inst : ECD 6
Misc : CHLOR 100
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:44 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	4.880	5.062	966.5E6	1025.7E6	100.631	103.870	
	Spiked Amount	200.000	Range 60 - 300		Recovery =	50.32%#	51.93%#	
24) S	Decachlor...	8.482	9.002	794.6E6	698.9E6	100.006	98.731	
	Spiked Amount	200.000	Range 60 - 300		Recovery =	50.00%#	49.37%#	
	Target Compounds							
2) T	Hexachlor...	5.088	0.000	11381828	0	1.142	N.D.	#
3) T	alpha-BHC	0.000	5.393f	0	4612846	N.D.	0.326	
4) T	gamma-BHC	5.331f	5.651f	4032334	1926636	0.317	0.150	#
5) T	Beta-BHC	5.385	0.000	1854978	0	0.357	N.D.	#
6) T	Delta-BHC	5.498	0.000	1007207	0	<MDL	N.D.	#
7) T	Heptachlor	5.625	5.923	58631110	57950601	5.016	5.100	
8) T	Aldrin	0.000	6.105f	0	1674553	N.D.	0.152	
9) T	Alachlor	5.890	0.000	44745652	0	30.864	N.D.	#
10) T	Heptachlo...	6.193f	6.511	16732290	27619702	1.651	2.715	#
11) T	Y-Chlordane	6.264	6.670	146.7E6	134.2E6	13.923	12.697	
12) T	A-Chlordane	6.348	6.778	225.5E6	110.5E6	22.005	10.755	#
13) T	4,4-DDE	6.406	6.883f	9688349	7729235	0.964	0.774	
14) T	Endo-I	6.406f	6.819	9688349	7974005	1.019	0.839	
15) T	Dieldrin	6.615f	7.024f	3955354	22270221	0.384	2.085	#
16) T	Endrin	0.000	7.225	0	7838994	N.D.	0.829	
17) T	4,4-DDD	0.000	7.316f	0	25085076	N.D.	3.224	
18) T	Endo-II	6.928f	7.396	1527739	6722698	0.169	0.749	#
19) T	4,4-DDT	7.042f	7.559f	10312342	2778461	1.225	0.328	#
20) T	Endrin Al...	0.000	7.689f	0	9041238	N.D.	1.177	
21) T	Methoxychlor	0.000	0.000	0	0	N.D.	N.D.	
22) T	End Sulf	7.540	0.000	3052786	0	0.362	N.D.	#
23) T	Endrin Ke...	0.000	8.278f	0	1418985	N.D.	<MDL	
25) L8	Chlordane{1}	5.579	5.829	42293063	40894539	97.340	97.564	
26) L8	Chlordane{2}	5.625	5.923	58631110	57950601	98.260	98.711	
27) L8	Chlordane{3}	5.890	6.242	44745652	42207899	98.636	98.198	
28) L8	Chlordane{4}	6.264	6.740	146.7E6	111.5E6	99.835	99.737	
29) L8	Chlordane{5}	6.348	6.778	225.5E6	110.5E6	100.516	100.178	
	Sum Chlordane			517.9E6	363.1E6	494.587	494.388	
Average	Chlordane					98.917	98.878	
30) H	Toxaphene	7.100	7.500	783.7E6	731.3E6	92.613	122.302	#

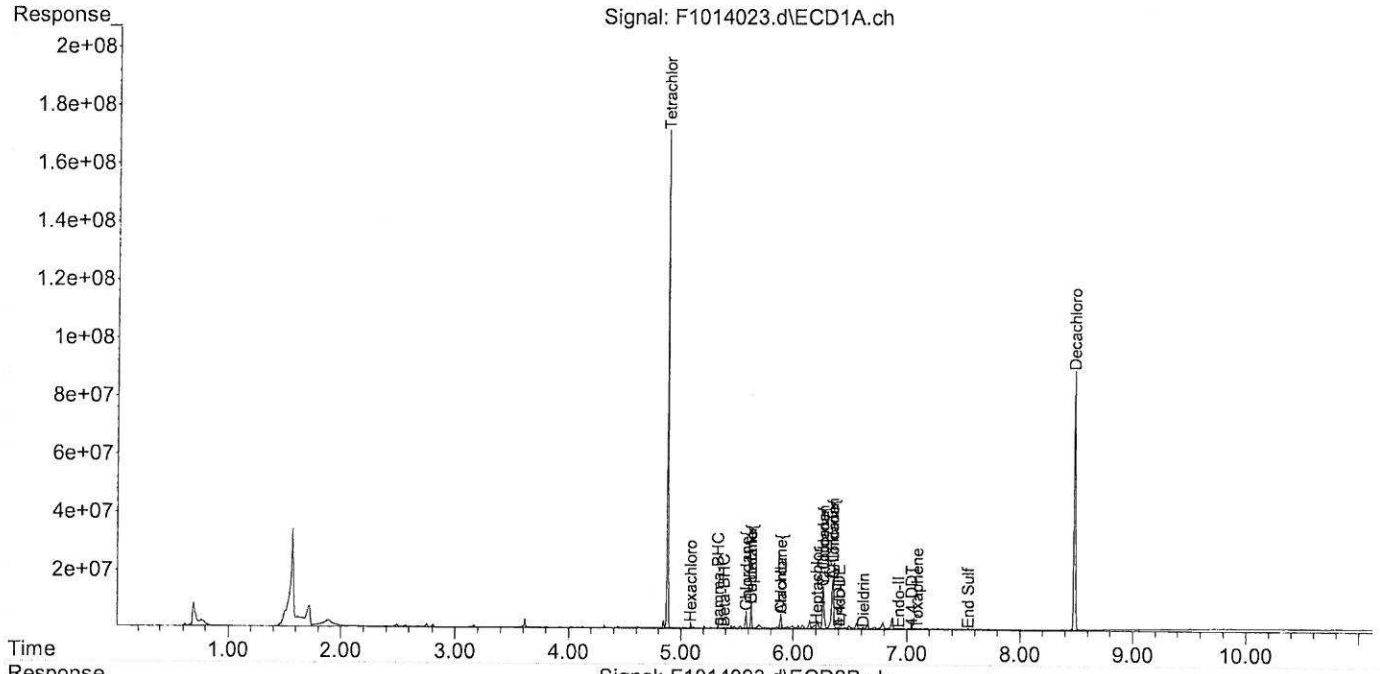
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

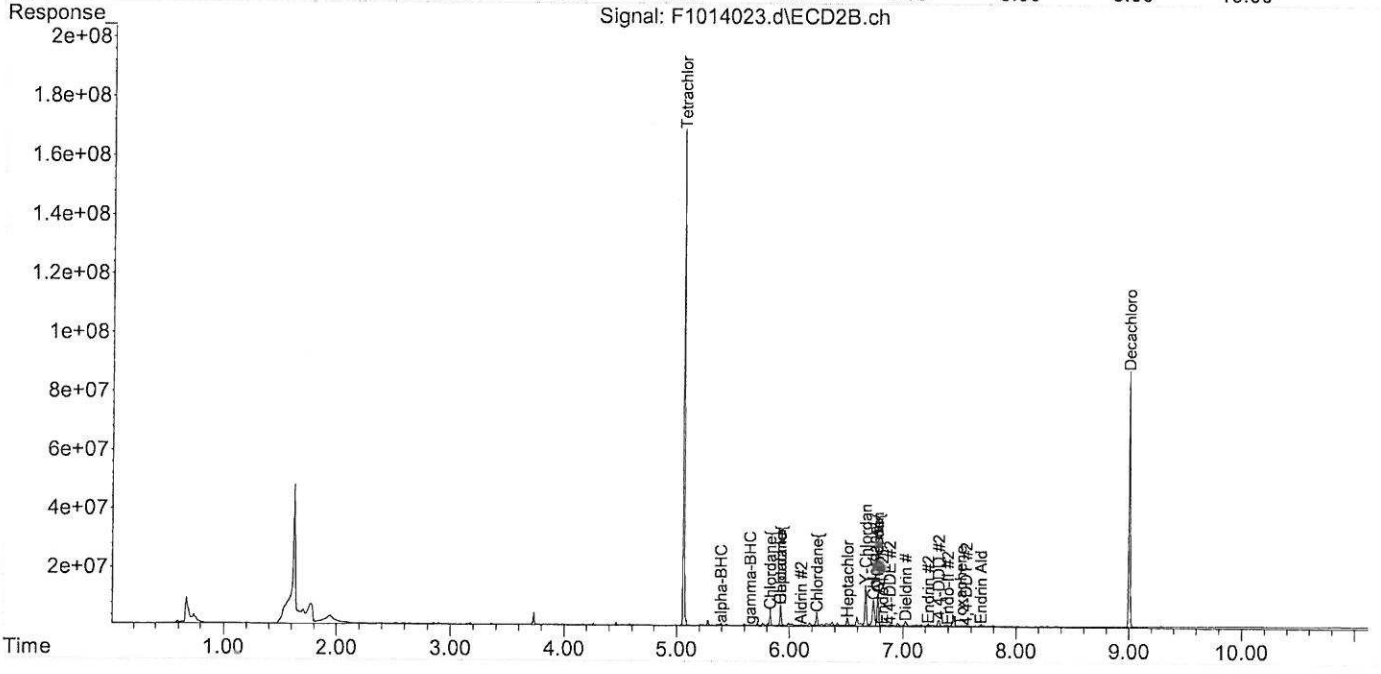
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014023.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:51 pm
Operator : JMB
Sample : S001304-CAL3 Inst : ECD 6
Misc : CHLOR 100
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:44 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014024.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:09 pm
Operator : JMB
Sample : S001304-CAL4 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:46 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	4.879	5.060	2252.3E6	2378.8E6	234.518	240.902	
	Spiked Amount 200.000	Range 60 - 300		Recovery = 117.26%			120.45%	
24)	S Decachlor...	8.481	9.001	1876.5E6	1685.9E6	236.168	238.176	
	Spiked Amount 200.000	Range 60 - 300		Recovery = 118.08%			119.09%	
	Target Compounds							
2)	T Hexachlor...	5.087	5.317	26603022	894809	2.669	<MDL	#
3)	T alpha-BHC	0.000	5.391f	0	9476105	N.D.	0.670	
4)	T gamma-BHC	5.330f	5.649f	8156881	4424243	0.641	0.345	#
5)	T Beta-BHC	5.415f	5.714f	4487406	10112592	0.863	1.912	#
6)	T Delta-BHC	5.497	5.880	1515483	2014845	<MDL	0.159	#
7)	T Heptachlor	5.624	5.921	125.0E6	125.8E6	10.689	11.071	
8)	T Aldrin	5.783	6.104f	1004534	5290984	<MDL	0.480	#
9)	T Alachlor	5.889	6.068	90987667	2644968	67.097	N.D.	#
10)	T Heptachlo...	6.192f	6.509f	32890113	58606237	3.245	5.761	#
11)	T Y-Chlordane	6.263	6.668	309.9E6	288.0E6	29.406	27.246	
12)	T A-Chlordane	6.346	6.776	477.5E6	237.0E6	46.585	23.065	#
13)	T 4,4-DDE	6.404	6.881f	19927600	17715162	1.984	1.774	
14)	T Endo-I	6.404f	6.817	19927600	18119773	2.097	1.908	
15)	T Dieldrin	6.613f	7.022	8075713	47862221	0.783	4.480	#
16)	T Endrin	0.000	7.222	0	16778018	N.D.	1.774	
17)	T 4,4-DDD	0.000	7.313f	0	52504052	N.D.	6.748	
18)	T Endo-II	6.904	7.394	1695178	14818043	0.187	1.650	#
19)	T 4,4-DDT	7.040f	7.556f	21378160	6065822	2.539	0.716	#
20)	T Endrin Al...	7.233f	7.687f	1819193	18103472	0.232	2.358	#
21)	T Methoxychlor	0.000	8.097f	0	1443221	N.D.	0.370	
22)	T End Sulf	7.538	7.899f	6932909	1412383	0.823	0.169	#
23)	T Endrin Ke...	0.000	8.276	0	3594027	N.D.	0.367	
25)	L8 Chlordane{1}	5.577	5.827	90272232	88411164	207.766	210.926	
26)	L8 Chlordane{2}	5.624	5.921	125.0E6	125.8E6	209.409	214.289	
27)	L8 Chlordane{3}	5.889	6.240	90987667	88644997	200.570	206.236	
28)	L8 Chlordane{4}	6.263	6.738	309.9E6	239.8E6	210.863	214.418	
29)	L8 Chlordane{5}	6.346	6.776	477.5E6	237.0E6	212.794	214.854	
	Sum Chlordane			1093.6E6	779.6E6	1041.403	1060.722	
Average	Chlordane					208.281	212.144	
30)	H Toxaphene	7.100	7.500	1567.2E6	1483.7E6	185.209	248.116	#

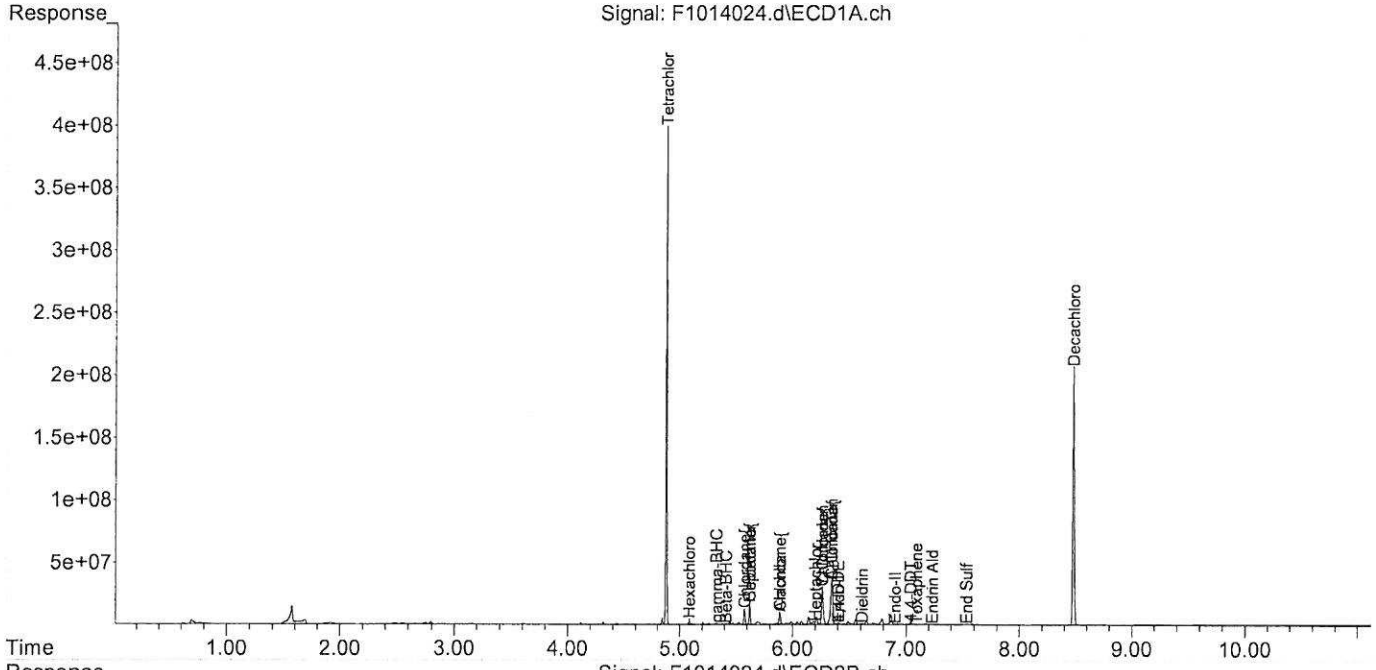
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

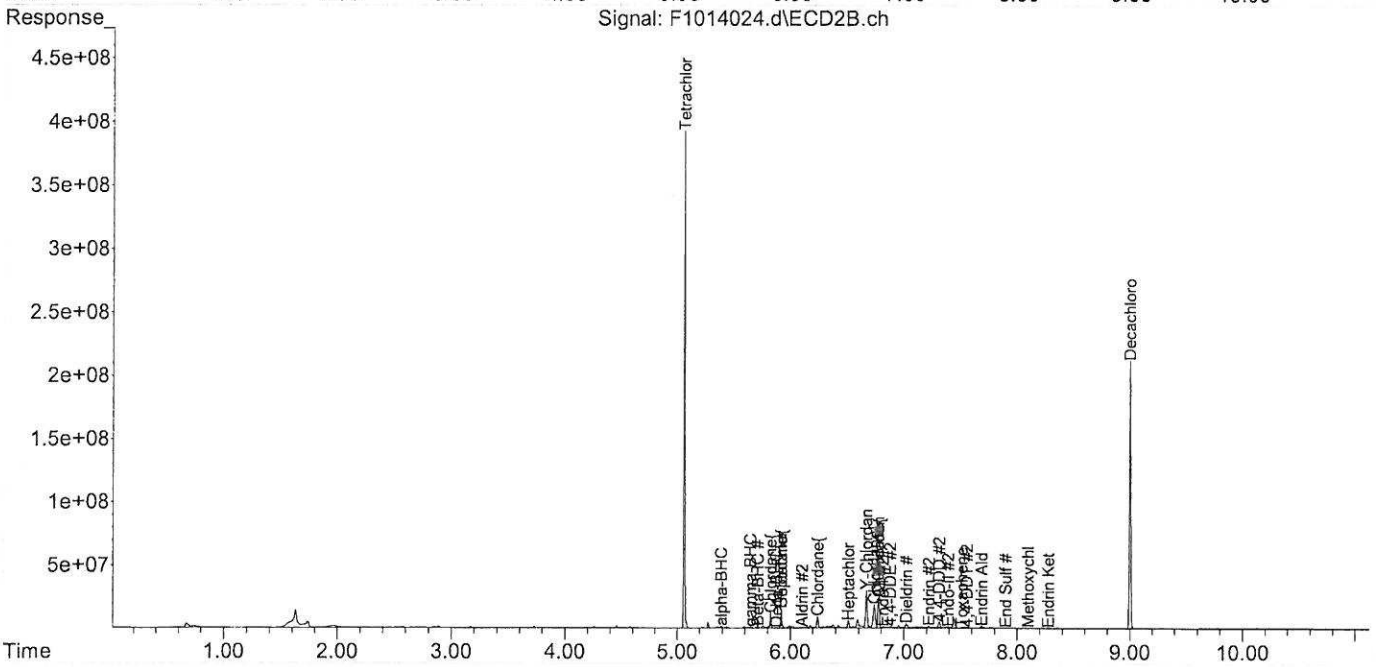
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014024.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:09 pm
Operator : JMB
Sample : S001304-CAL4 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:46 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:27 pm
Operator : JMB
Sample : S001304-CAL5 Inst : ECD 6
Misc : CHLOR 250
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:48 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	4.878	5.060	2685.3E6	2849.5E6	279.602	288.566	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 139.80%	144.28%	
24)	S Decachlor...	8.481	9.000	2168.4E6	1985.6E6	272.905	280.511	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 136.45%	140.26%	
	Target Compounds							
2)	T Hexachlor...	5.086	0.000	31811158	0	3.191	N.D.	#
3)	T alpha-BHC	0.000	5.391f	0	11469591	N.D.	0.811	
4)	T gamma-BHC	5.329f	5.649f	10049014	5229401	0.789	0.408	#
5)	T Beta-BHC	5.414	5.714f	5542944	11031279	1.066	2.086	#
6)	T Delta-BHC	5.516f	5.880	4023238	2031576	0.317	0.160	#
7)	T Heptachlor	5.623	5.922	153.3E6	152.5E6	13.117	13.416	
8)	T Aldrin	5.781	6.104f	2011604	6225603	0.182	0.565	#
9)	T Alachlor	5.888	6.068	111.5E6	3058502	83.192	N.D.	#
10)	T Heptachlo...	6.191f	6.510f	42172309	70391213	4.161	6.919	#
11)	T Y-Chlordane	6.261	6.668	377.6E6	349.0E6	35.830	33.013	
12)	T A-Chlordane	6.346	6.776	578.1E6	284.7E6	56.400	27.708	#
13)	T 4,4-DDE	6.403	6.881f	24178107	21152445	2.407	2.118	
14)	T Endo-I	6.403f	6.817	24178107	21527177	2.544	2.266	
15)	T Dieldrin	6.612f	7.022	12426615	57042410	1.205	5.340	#
16)	T Endrin	6.749	7.221	5913846	20043423	0.609	2.120	#
17)	T 4,4-DDD	0.000	7.313f	0	62818702	N.D.	8.073	
18)	T Endo-II	6.903	7.393	5284386	17604084	0.584	1.960	#
19)	T 4,4-DDT	7.040f	7.556f	28777901	7407624	3.418	0.874	#
20)	T Endrin Al...	7.234f	7.686f	1984703	21145236	0.253	2.754	#
21)	T Methoxychlor	0.000	8.096f	0	1766764	N.D.	0.453	
22)	T End Sulf	7.537	7.898f	6478115	1693381	0.769	0.203	#
23)	T Endrin Ke...	0.000	8.276	0	4195523	N.D.	0.428	
25)	L8 Chlordane{1}	5.576	5.827	110.9E6	108.1E6	255.288	257.914	
26)	L8 Chlordane{2}	5.623	5.922	153.3E6	152.5E6	256.958	259.681	
27)	L8 Chlordane{3}	5.888	6.240	111.5E6	105.9E6	245.848	246.320	
28)	L8 Chlordane{4}	6.261	6.738	377.6E6	288.0E6	256.928	257.538	
29)	L8 Chlordane{5}	6.346	6.776	578.1E6	284.7E6	257.625	258.100	
	Sum Chlordane			1331.4E6	939.1E6	1272.648	1279.553	
Average	Chlordane					254.530	255.911	
30)	H Toxaphene	7.100	7.500	1856.8E6	1768.6E6	219.424	295.764	#

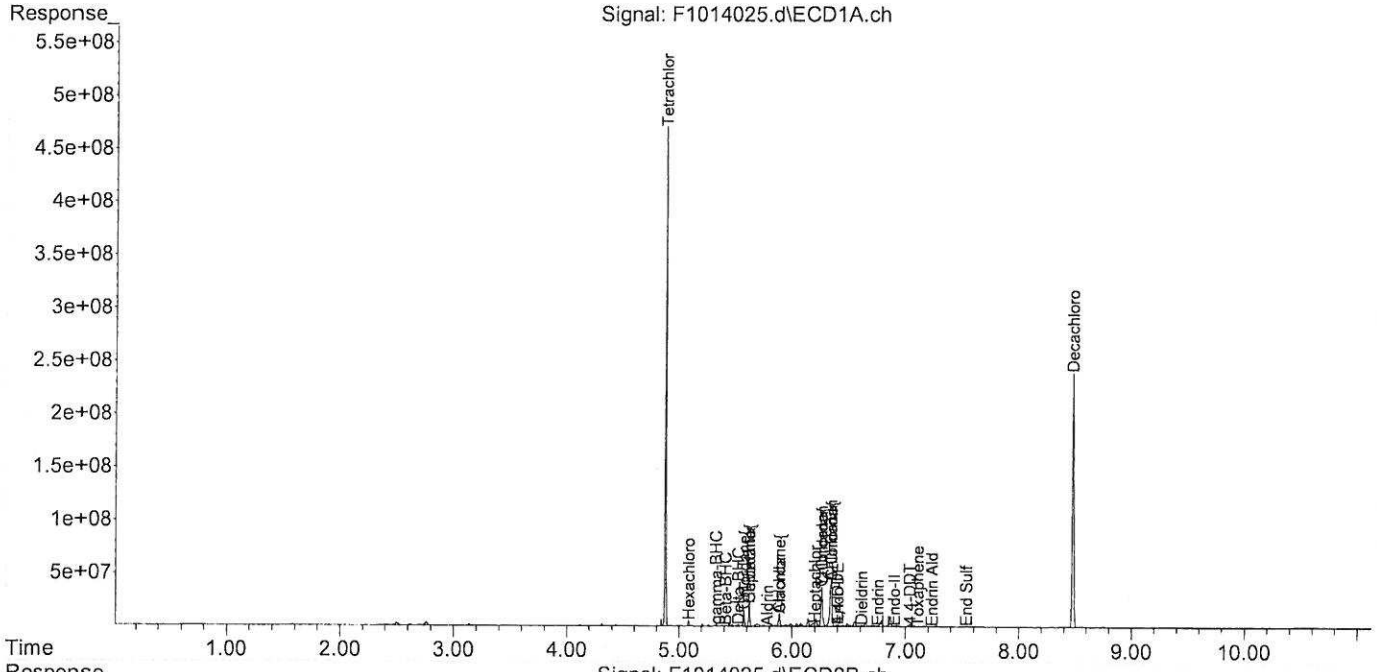
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

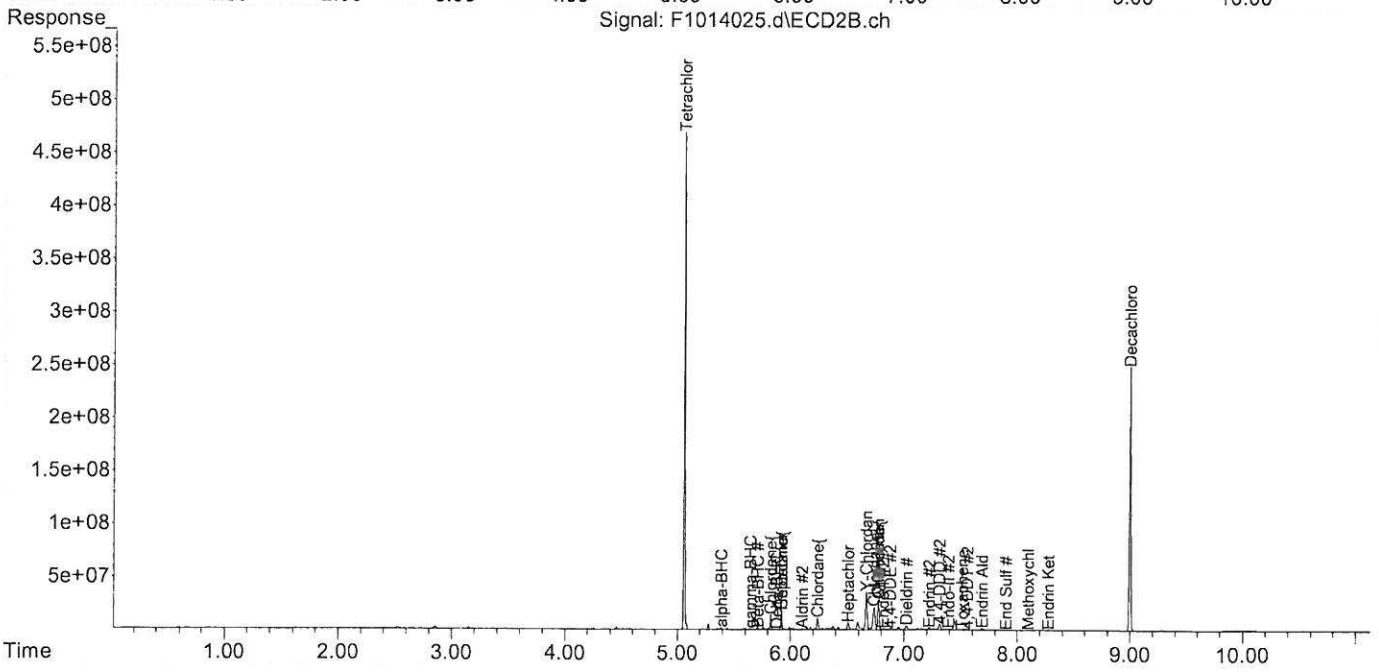
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:27 pm
Operator : JMB
Sample : S001304-CAL5 Inst : ECD 6
Misc : CHLOR 250
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:48 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014026.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:45 pm
Operator : JMB
Sample : S001304-CAL6 Inst : ECD 6
Misc : CHLOR 500
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:50 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	4.878	5.060	5268.3E6	5617.4E6	548.559	568.862	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 274.28%	284.43%	
24) S	Decachlor...	8.481	9.001	4253.8E6	3964.4E6	535.360	560.071	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 267.68%	280.04%	
	Target Compounds							
2) T	Hexachlor...	5.086	5.316	63864894	1420813	6.407	<MDL	#
3) T	alpha-BHC	0.000	5.391f	0	22865245	N.D.	1.616	
4) T	gamma-BHC	5.362	5.648	1281814	10351618	<MDL	0.807	#
5) T	Beta-BHC	5.414	5.714f	11515197	21845018	2.215	4.131	#
6) T	Delta-BHC	5.497	5.880	2468333	3643513	0.194	0.287	#
7) T	Heptachlor	5.623	5.921	309.6E6	309.3E6	26.482	27.215	
8) T	Aldrin	5.781	6.103f	4505227	12201692	0.409	1.107	#
9) T	Alachlor	5.888	6.067	219.5E6	5942219	167.825	0.439	#
10) T	Heptachlo...	6.191f	6.509f	83891821	142.8E6	8.277	14.036	#
11) T	Y-Chlordane	6.261	6.668	755.8E6	705.3E6	71.718	66.722	
12) T	A-Chlordane	6.346	6.775	1150.8E6	576.1E6	112.278	56.075	#
13) T	4,4-DDE	6.403	6.880f	49407659	41340533	4.919	4.140	
14) T	Endo-I	6.403f	6.816	49407659	42297570	5.198	4.453	
15) T	Dieldrin	6.612f	7.021	25433943	115.0E6	2.467	10.769	#
16) T	Endrin	6.749	7.221	13002369	39990620	1.338	4.229	#
17) T	4,4-DDD	0.000	7.312f	0	126.7E6	N.D.	16.288	
18) T	Endo-II	6.902	7.392	11356442	35617212	1.254	3.966	#
19) T	4,4-DDT	7.039f	7.590	60159066	5742851	7.146	0.678	#
20) T	Endrin Al...	7.233f	7.686f	5538430	41948936	0.707	5.463	#
21) T	Methoxychlor	0.000	8.124	0	1903168	N.D.	0.488	
22) T	End Sulf	7.537	7.899f	17811536	3291630	2.114	0.395	#
23) T	Endrin Ke...	7.726f	8.275	587152	8604977	<MDL	0.878	#
25) L8	Chlordane{1}	5.576	5.827	225.8E6	220.6E6	519.782	526.232	
26) L8	Chlordane{2}	5.623	5.921	309.6E6	309.3E6	518.790	526.775	
27) L8	Chlordane{3}	5.888	6.240	219.5E6	207.2E6	483.944	481.973	
28) L8	Chlordane{4}	6.261	6.737	755.8E6	584.9E6	514.268	523.019	
29) L8	Chlordane{5}	6.346	6.775	1150.8E6	576.1E6	512.865	522.343	
	Sum Chlordane			2661.5E6	1898.1E6	2549.650	2580.341	
Average	Chlordane					509.930	516.068	
30) H	Toxaphene	7.100	7.500	3640.3E6	3530.0E6	430.187	590.328	#

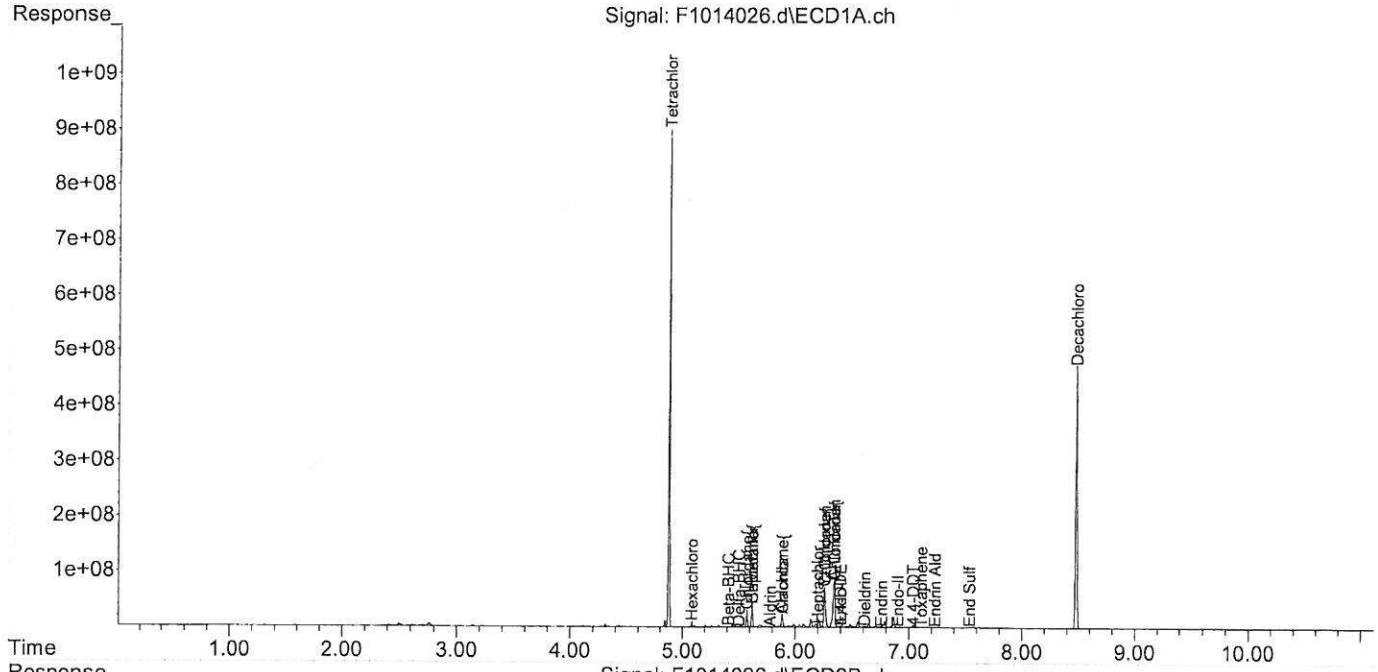
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

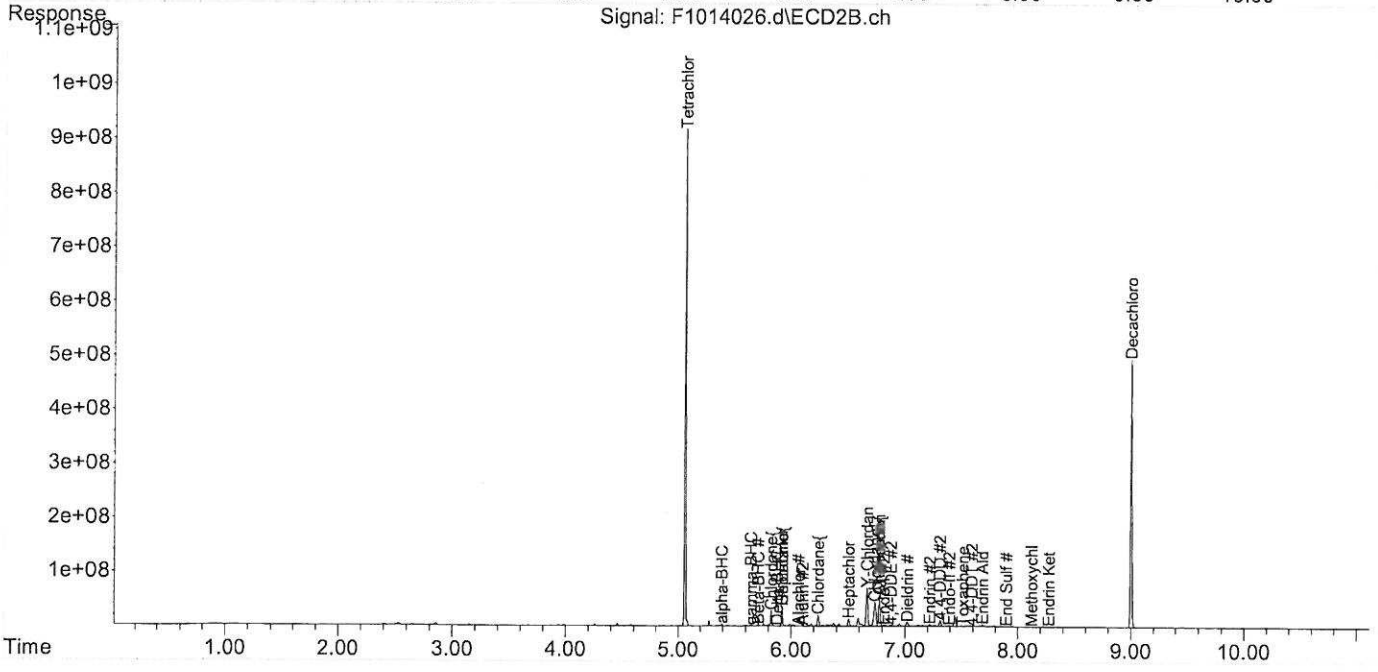
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014026.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:45 pm
Operator : JMB
Sample : S001304-CAL6 Inst : ECD 6
Misc : CHLOR 500
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:50 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 8:19 pm
Operator : JMB
Sample : S001304-ICV1 Inst : ECD 6
Misc : CHLOR ICV 100
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:54 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	0.000	5.078f	0	12917801	N.D.	1.308	
Spiked Amount		200.000 Range	60 - 300	Recovery	=	0.00%#	0.65%#	
24) S	Decachlor...	8.476	8.999	3123859	1221859	0.393	0.173	#
Spiked Amount		200.000 Range	60 - 300	Recovery	=	0.20%#	0.09%#	
	Target Compounds							
2) T	Hexachlor...	0.000	0.000	0	0	N.D.	N.D.	
3) T	alpha-BHC	0.000	5.440f	0	2765908	N.D.	0.196	
4) T	gamma-BHC	5.327f	5.646	3999705	1807273	0.314	<MDL	#
5) T	Beta-BHC	5.412	5.711f	2325705	4495666	0.447	0.850	#
6) T	Delta-BHC	5.471f	0.000	4402590	0	0.347	N.D.	#
7) T	Heptachlor	5.620	5.919	57226591	55850071	4.896	4.915	
8) T	Aldrin	0.000	6.100f	0	1661588	N.D.	0.151	
9) T	Alachlor	5.886	0.000	44319886	0	30.531	N.D.	#
10) T	Heptachlo...	6.188	6.506f	16305366	27017390	1.609	2.656	#
11) T	Y-Chlordane	6.259	6.665	142.8E6	133.1E6	13.547	12.588	
12) T	A-Chlordane	6.342	6.772	223.6E6	109.0E6	21.815	10.610	#
13) T	4,4-DDE	6.399	6.877f	7821648	4959073	0.779	0.497	#
14) T	Endo-I	6.454f	0.000	3981545	0	0.419	N.D.	#
15) T	Dieldrin	6.610f	7.018	4215238	22436527	0.409	2.100	#
16) T	Endrin	0.000	7.247	0	2753694	N.D.	0.291	
17) T	4,4-DDD	0.000	7.310f	0	25628059	N.D.	3.294	
18) T	Endo-II	6.922	7.390	1516632	6100767	0.167	0.679	#
19) T	4,4-DDT	7.036f	7.584	13960781	4877126	1.658	0.576	#
20) T	Endrin Al...	7.228	7.683f	1529375	9904286	0.195	1.290	#
21) T	Methoxychlor	0.000	0.000	0	0	N.D.	N.D.	
22) T	End Sulf	7.534	0.000	3203829	0	0.380	N.D.	#
23) T	Endrin Ke...	0.000	8.273	0	1092105	N.D.	<MDL	
25) L8	Chlordane{1}	5.574	5.824	40915156	38708238	94.168	92.348	
26) L8	Chlordane{2}	5.620	5.919	57226591	55850071	95.907	95.133	
27) L8	Chlordane{3}	5.886	6.237	44319886	40827658	97.697	94.987	
28) L8	Chlordane{4}	6.259	6.734	142.8E6	109.8E6	97.140	98.146	
29) L8	Chlordane{5}	6.342	6.772	223.6E6	109.0E6	99.646	98.836	
Sum Chlordane				508.8E6	354.2E6	484.558	479.450	
Average Chlordane						96.912	95.890	
30) H	Toxaphene	7.100	7.500	771.7E6	731.1E6	91.199	122.269	#

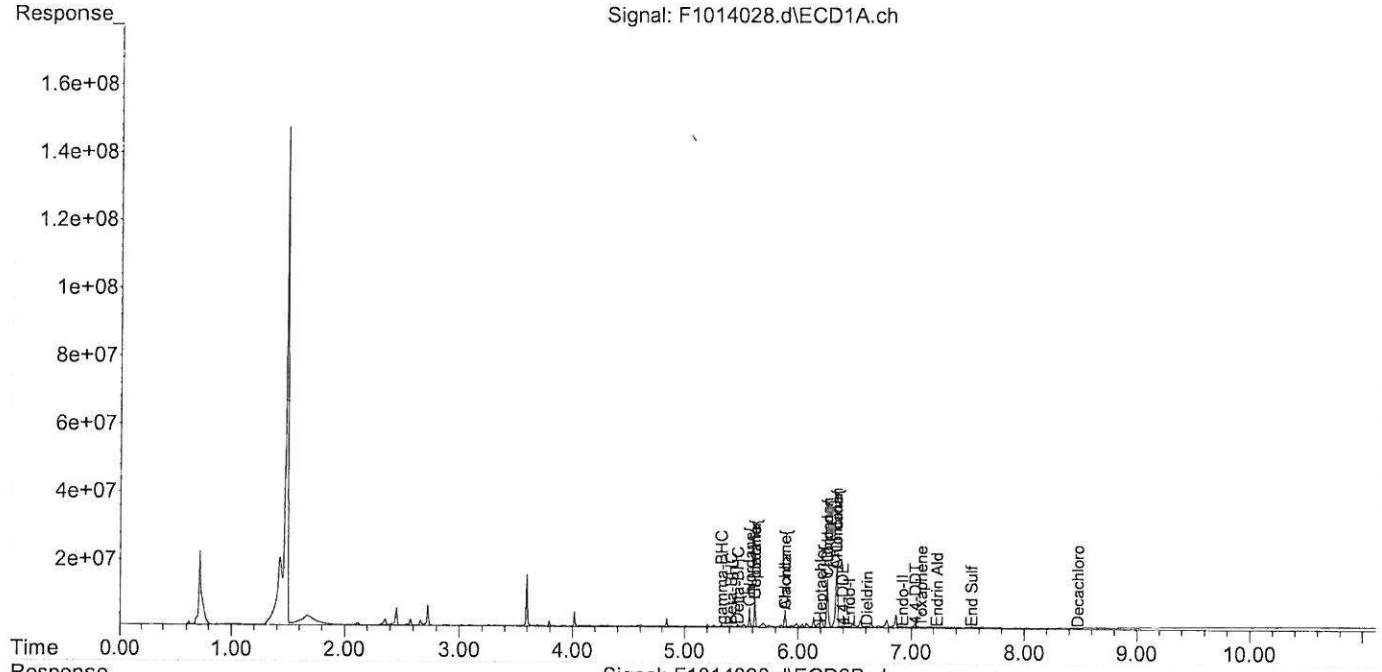
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

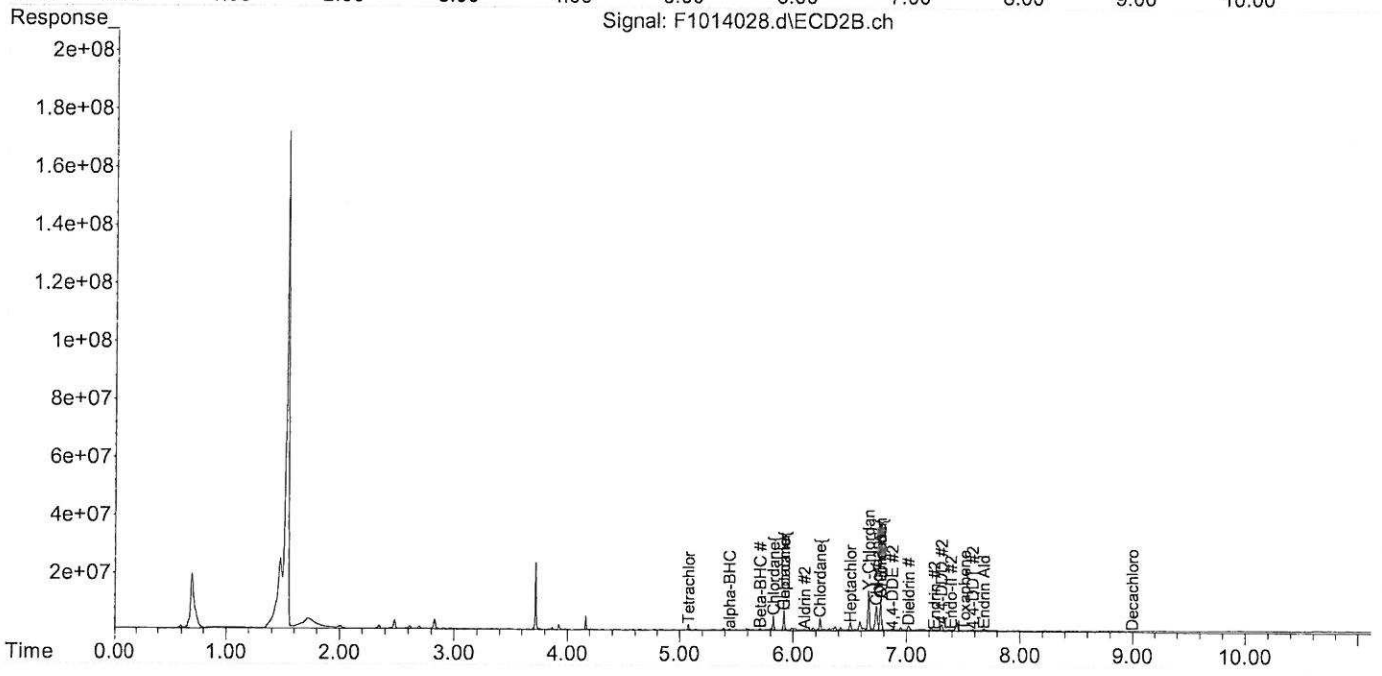
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 8:19 pm
Operator : JMB
Sample : S001304-ICV1 Inst : ECD 6
Misc : CHLOR ICV 100
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:54 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201010.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 12:56 pm
Operator : JMB
Sample : S001759-CAL1 Inst : ECD 6
Misc : TOX 50
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:06 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D.
8) T	Aldrin	0.000	0.000	0	0	N.D.	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D.
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D.
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D.
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D.
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D.
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D.	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D.
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D.
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D.
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	345.4E6	383.7E6	NoCal	NoCal

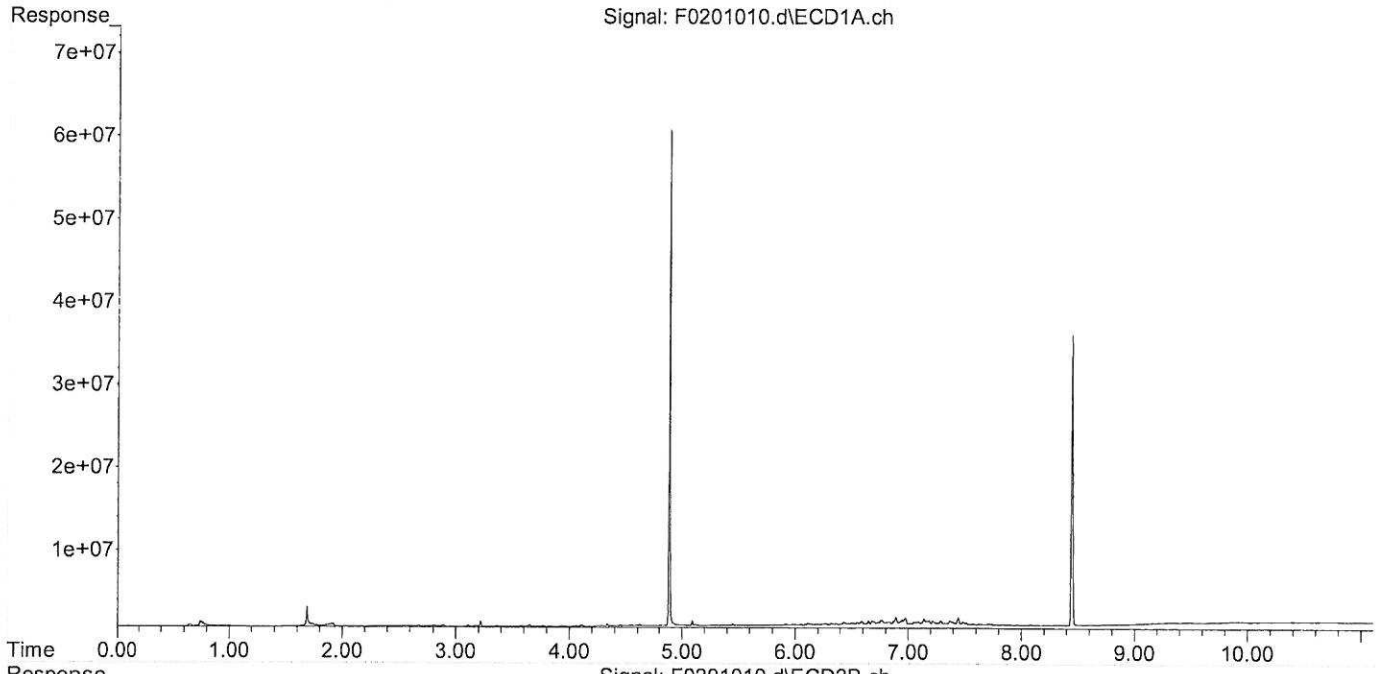
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

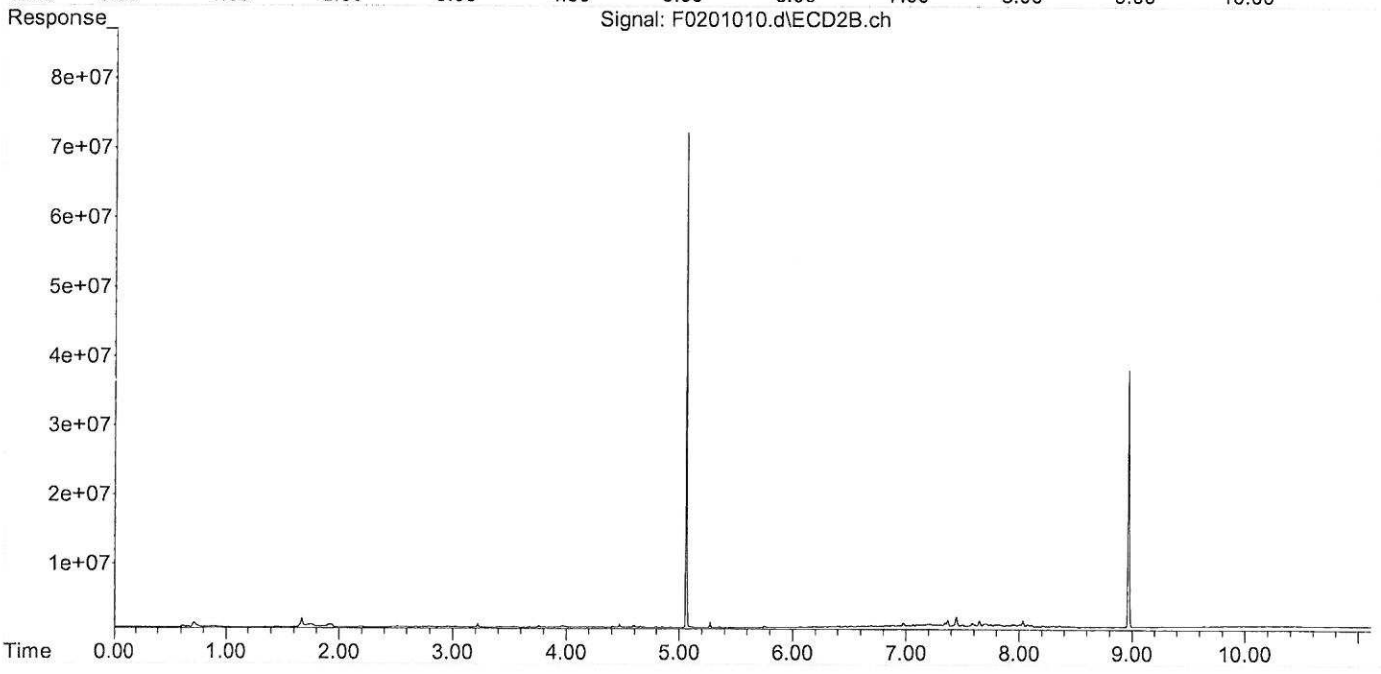
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201010.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 12:56 pm
Operator : JMB
Sample : S001759-CAL1 Inst : ECD 6
Misc : TOX 50
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:06 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201011.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:13 pm
Operator : JMB
Sample : S001759-CAL2 Inst : ECD 6
Misc : TOX 100
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:07 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D.
8) T	Aldrin	0.000	0.000	0	0	N.D.	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D.
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D.	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	677.9E6	739.6E6	98.139	96.374

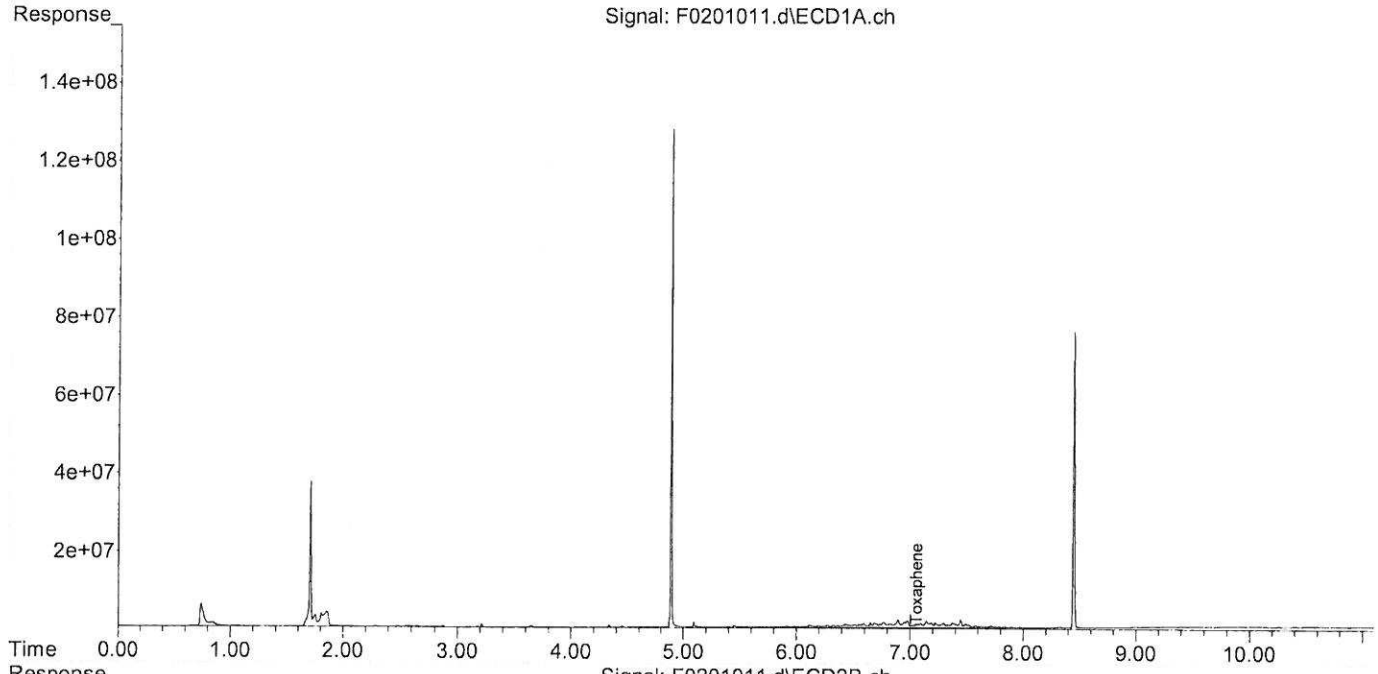
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

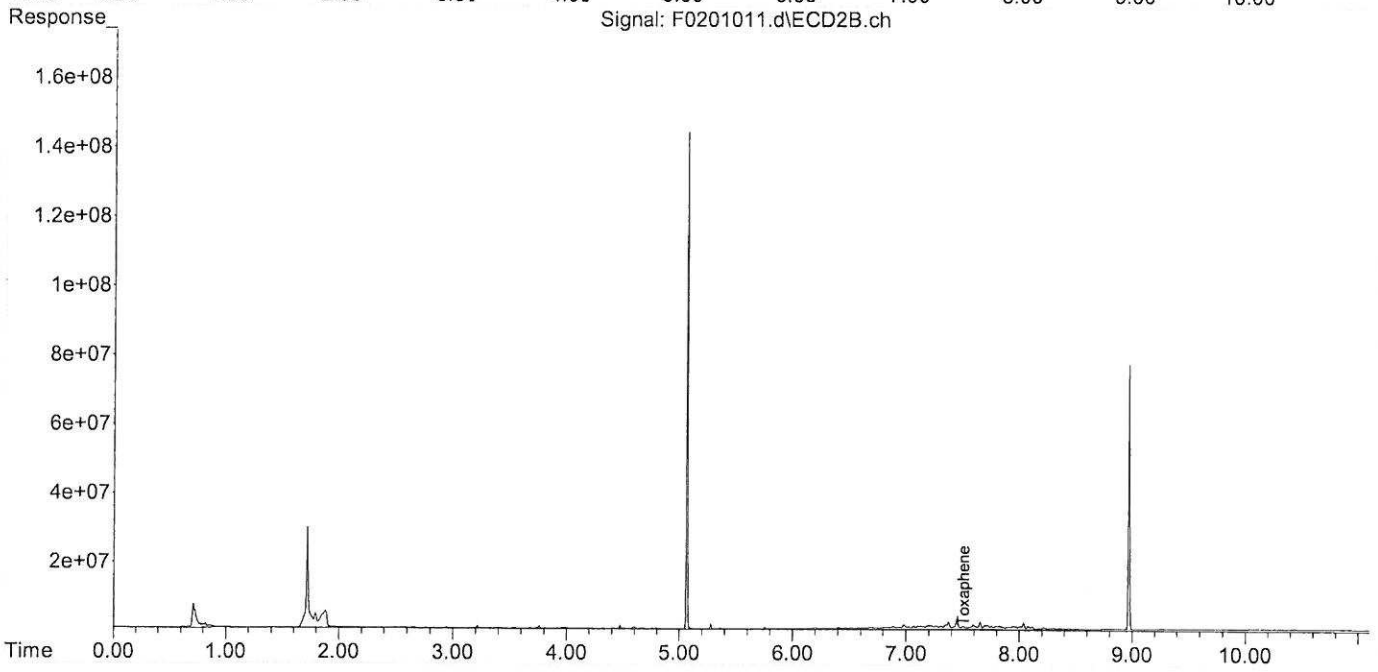
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201011.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:13 pm
Operator : JMB
Sample : S001759-CAL2 Inst : ECD 6
Misc : TOX 100
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:07 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201012.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:30 pm
Operator : JMB
Sample : S001759-CAL3 Inst : ECD 6
Misc : TOX 200
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:07 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D.
8) T	Aldrin	0.000	0.000	0	0	N.D.	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D.
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
	Average Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	1368.1E6	1459.3E6	199.935	193.684

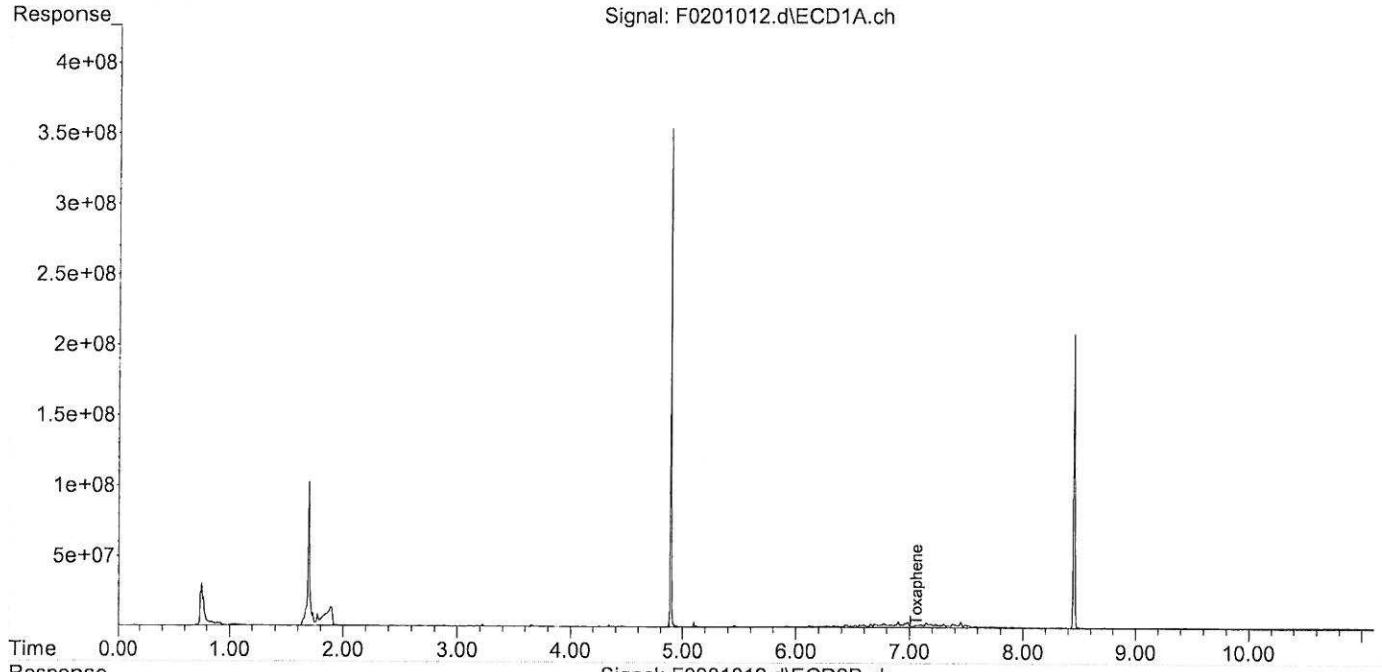
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

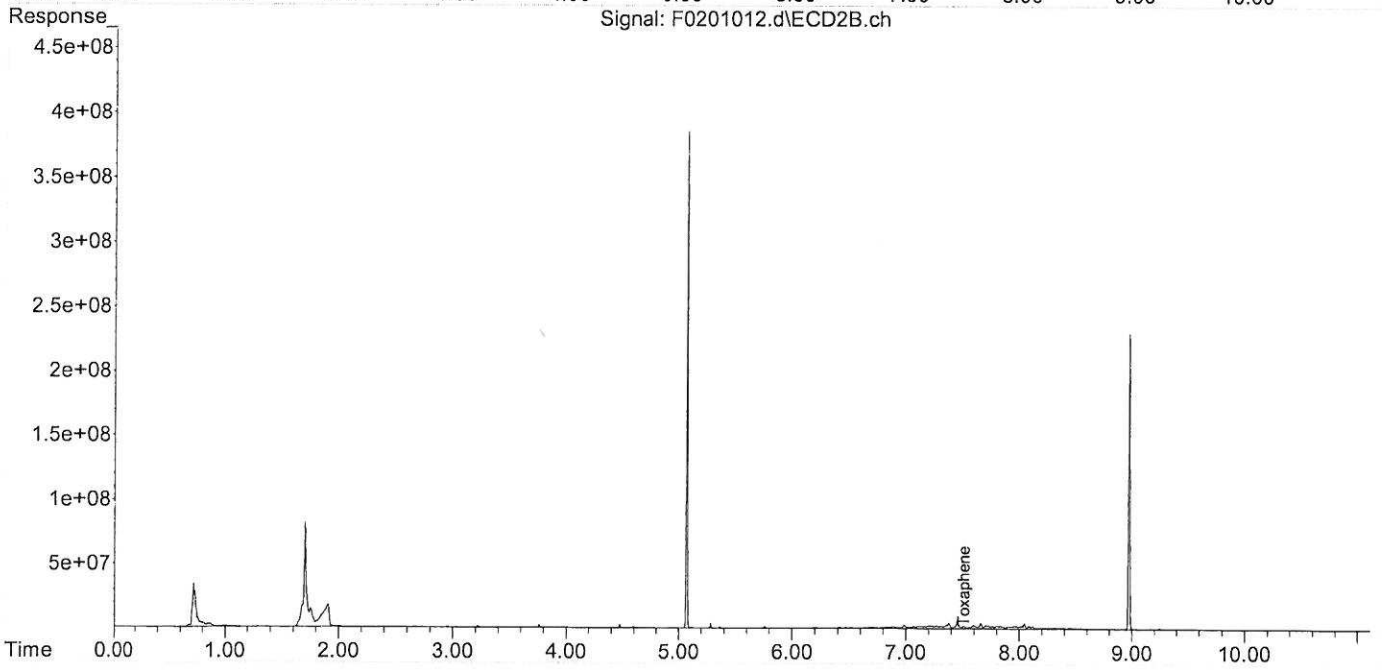
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201012.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:30 pm
Operator : JMB
Sample : S001759-CAL3 Inst : ECD 6
Misc : TOX 200
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:07 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201013.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:47 pm
Operator : JMB
Sample : S001759-CAL4 Inst : ECD 6
Misc : TOX 250
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery =		0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery =		0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D.
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D.
8) T	Aldrin	0.000	0.000	0	0	N.D.	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D.	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D.	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	2084.3E6	2129.6E6	304.635	285.641

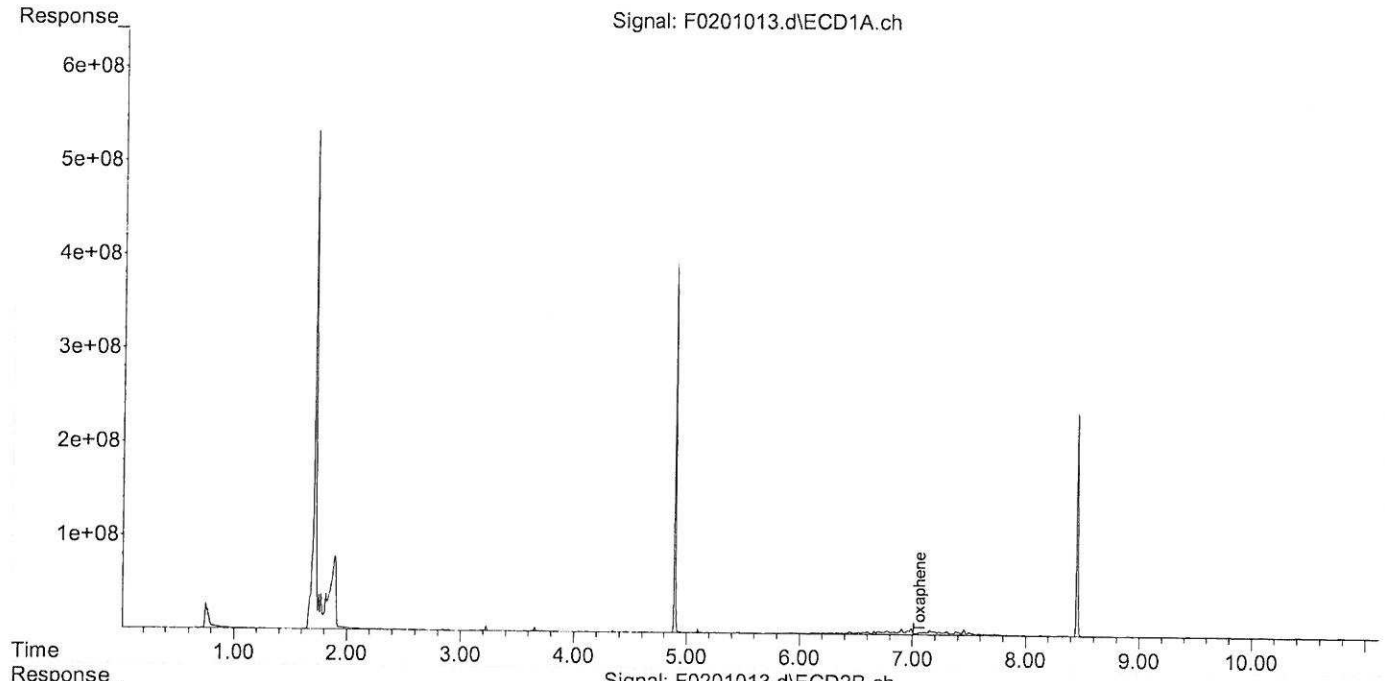
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

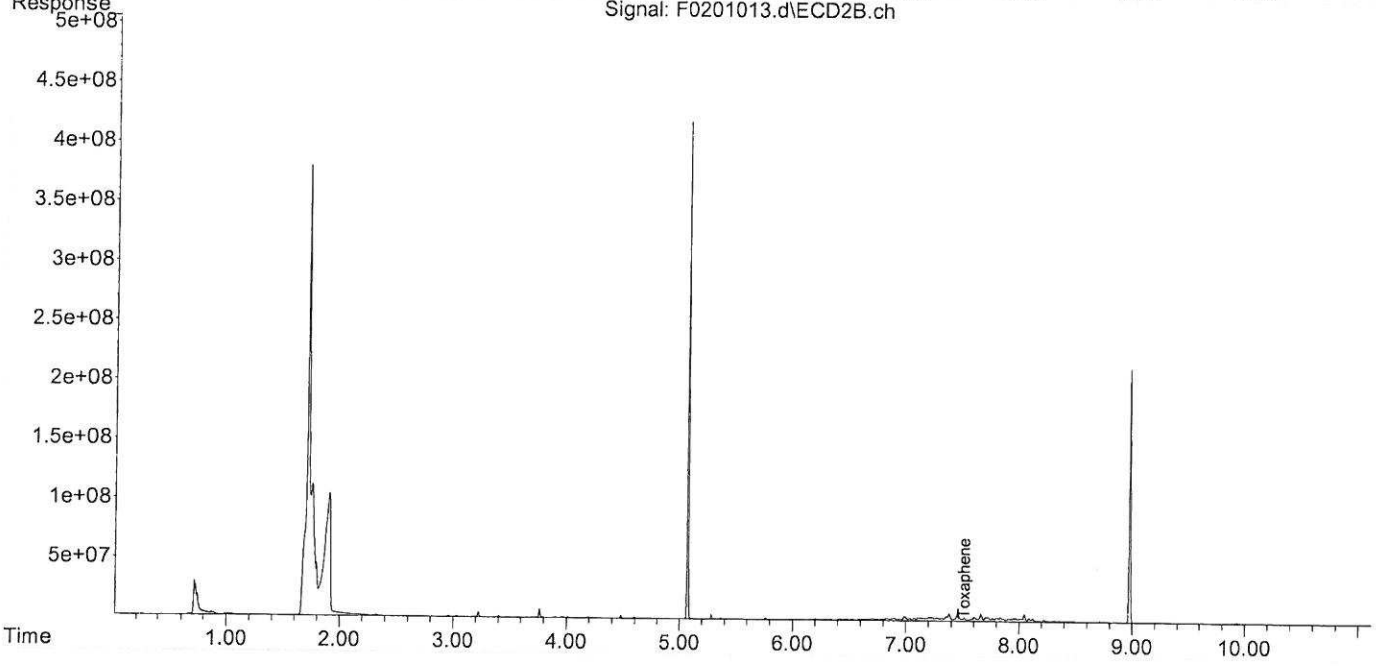
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201013.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:47 pm
Operator : JMB
Sample : S001759-CAL4 Inst : ECD 6
Misc : TOX 250
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:04 pm
Operator : JMB
Sample : S001759-CAL5 Inst : ECD 6
Misc : TOX 500
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:09 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery =		0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery =		0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D.
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	7.050	7.500	4225.9E6	4412.4E6	585.633	571.476

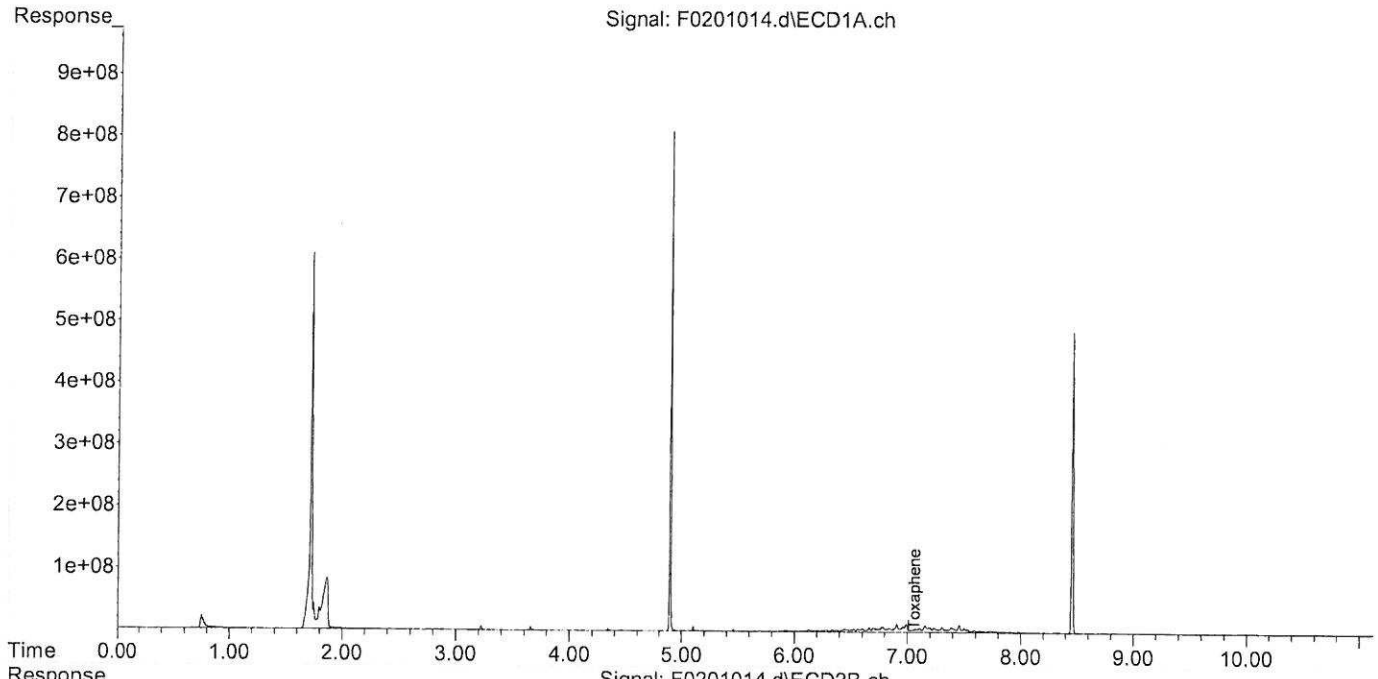
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

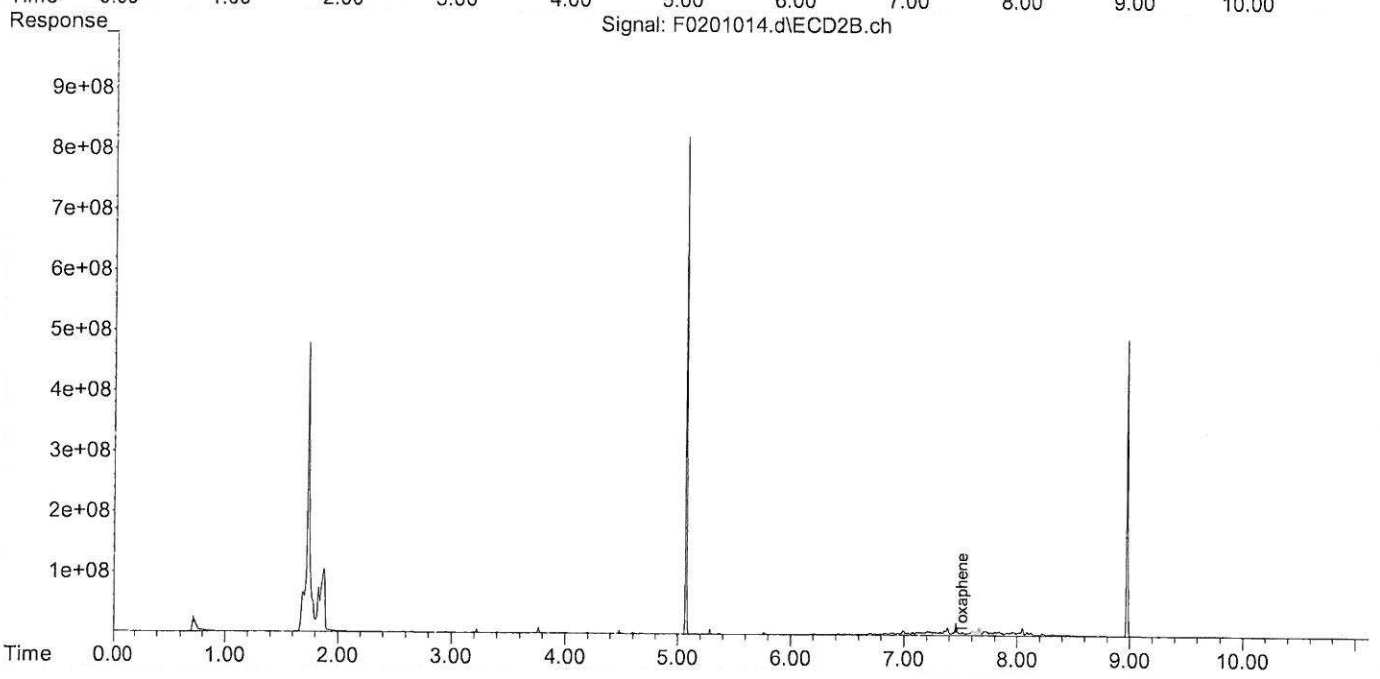
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:04 pm
Operator : JMB
Sample : S001759-CAL5 Inst : ECD 6
Misc : TOX 500
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:09 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:21 pm
Operator : JMB
Sample : S001759-CAL6 Inst : ECD 6
Misc : TOX 750
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:09 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D.
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	7.050	7.500	5283.8E6	5457.7E6	707.995	687.212

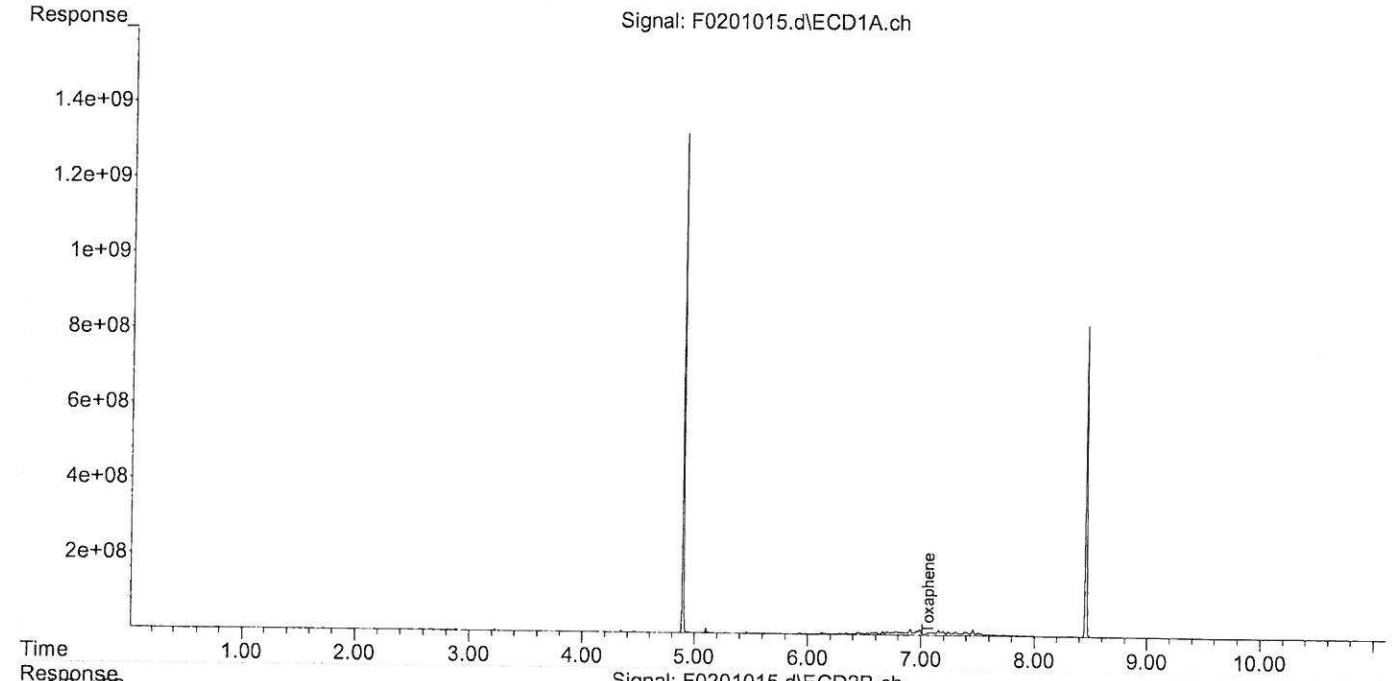
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

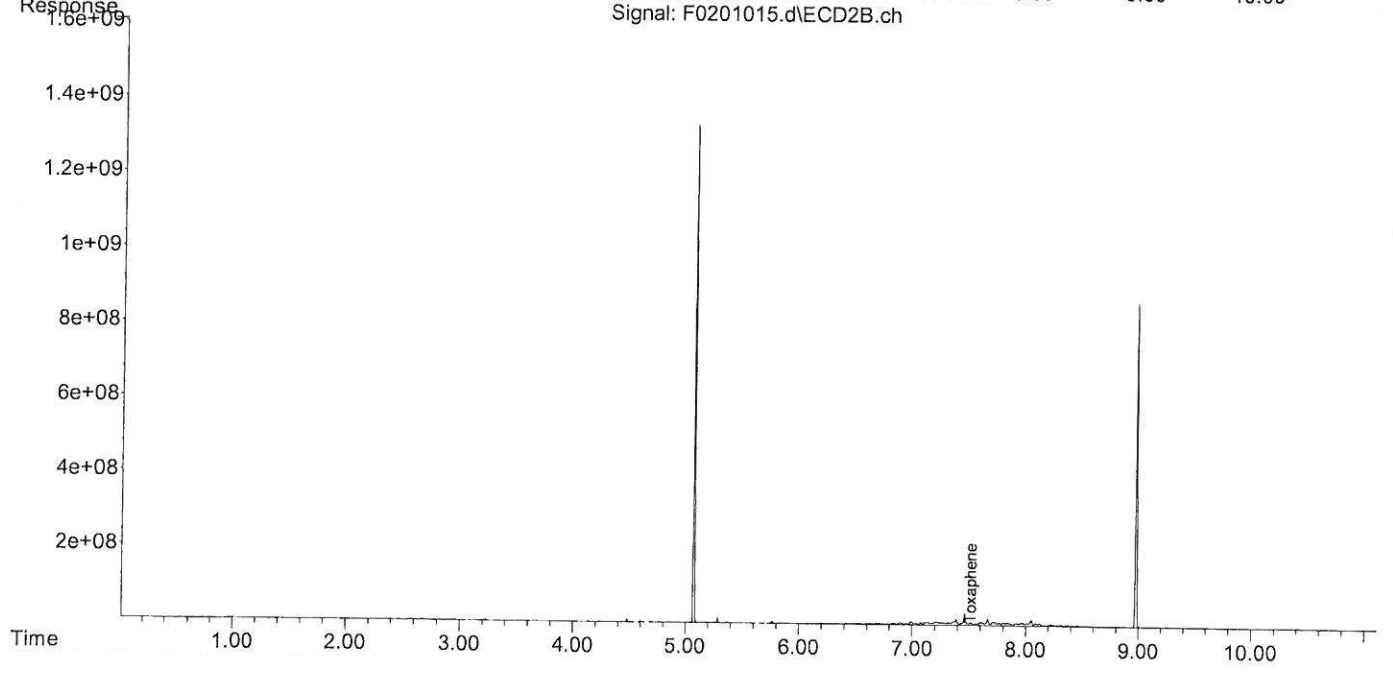
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:21 pm
Operator : JMB
Sample : S001759-CAL6 Inst : ECD 6
Misc : TOX 750
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:09 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:55 pm
Operator : JMB
Sample : S001759-ICV1 Inst : ECD 6
Misc : TOX ICV 250
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 15:40:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	4.899	5.073	1146068	1177324	<MDL	<MDL	#
	Spiked Amount	200.000	Range 60 - 300		Recovery =	0.00%#	0.00%#	
24)	S Decachlor...	0.000	0.000	0	0	N.D.	N.D.	
	Spiked Amount	200.000	Range 60 - 300		Recovery =	0.00%#	0.00%#	
	Target Compounds							
2)	T Hexachlor...	0.000	0.000	0	0	N.D.	N.D.	
3)	T alpha-BHC	0.000	0.000	0	0	N.D.	N.D.	
4)	T gamma-BHC	0.000	0.000	0	0	N.D.	N.D.	
5)	T Beta-BHC	0.000	0.000	0	0	N.D.	N.D.	
6)	T Delta-BHC	0.000	0.000	0	0	N.D.	N.D.	
7)	T Heptachlor	0.000	0.000	0	0	N.D.	N.D.	
8)	T Aldrin	0.000	0.000	0	0	N.D.	N.D.	
9)	T Alachlor	5.894	0.000	1830962	0	N.D.	N.D.	
10)	T Heptachlo...	6.154f	6.539f	4955928	18005716	0.462	1.628	#
11)	T Y-Chlordane	6.258	6.651	9036178	7817391	0.817	0.670	
12)	T A-Chlordane	6.336	6.743f	14802315	12058472	1.363	1.067	
13)	T 4,4-DDE	0.000	6.902	0	35507909	N.D.	3.274	
14)	T Endo-I	6.443	6.805	34033350	5353838	3.334	0.523	#
15)	T Dieldrin	6.584	6.991	12924816	41658361	1.186	3.722	#
16)	T Endrin	6.749	7.233	15950096	19572921	1.591	1.938	
17)	T 4,4-DDD	0.000	7.318	0	29382667	N.D.	3.312	
18)	T Endo-II	6.905	7.383	84284458	57267443	8.942	5.895	#
19)	T 4,4-DDT	6.989f	7.565	69008259	10481745	8.867	1.182	#
20)	T Endrin Al...	7.198	7.662f	33454227	67218809	3.861	8.160	#
21)	T Methoxychlor	7.385	8.088	37152219	31277391	9.394	7.112	
22)	T End Sulf	7.528	7.860	18261723	21068418	2.139	2.371	
23)	T Endrin Ke...	7.728	8.239	9480801	14207509	0.874	1.295	#
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.	
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.	
27)	L8 Chlordane{3}	5.894	6.220	1830962	6534457	4.036	15.203	#
28)	L8 Chlordane{4}	6.258	6.709	9036178	21415550	6.149	19.148	#
29)	L8 Chlordane{5}	6.336	6.743f	14802315	12058472	6.597	10.933	#
	Sum Chlordane			25669455	40008480	16.782	45.284	
Average Chlordane						5.594	15.095	
30)	H Toxaphene	7.500	7.050	1543.3E6	1689.1E6	208.744m	215.688m	

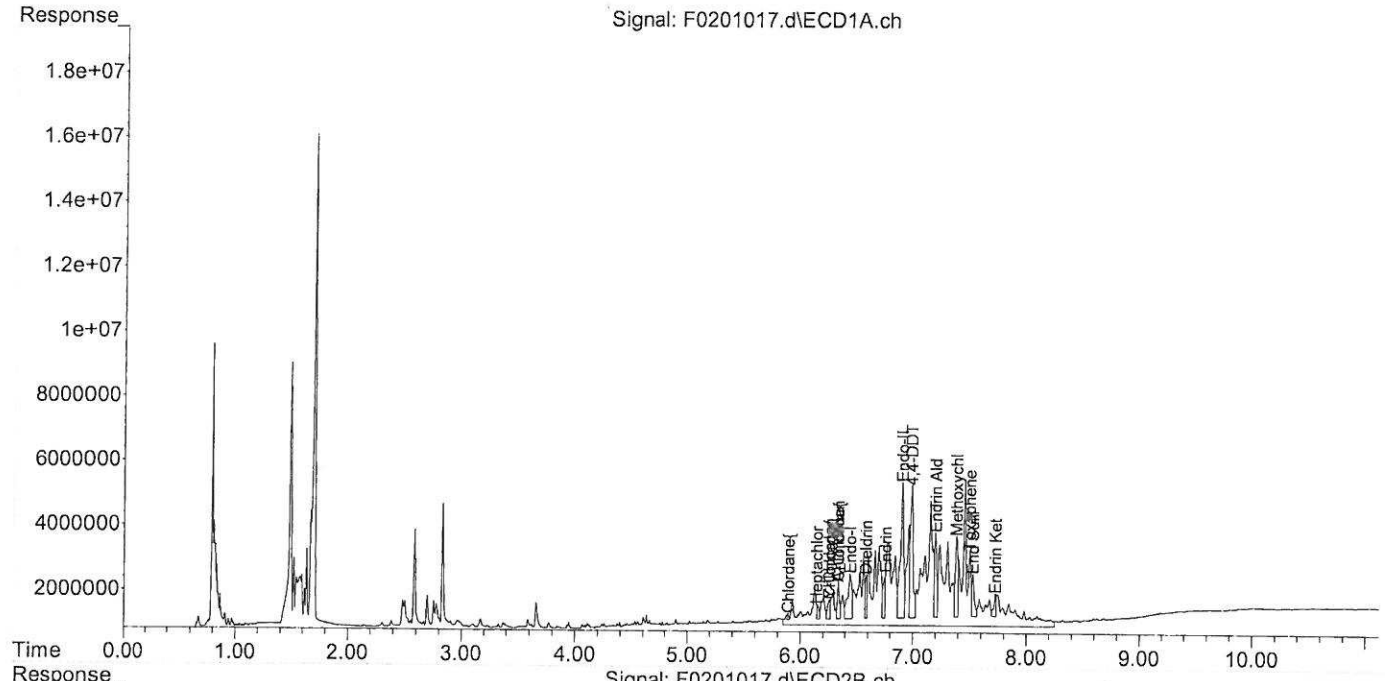
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

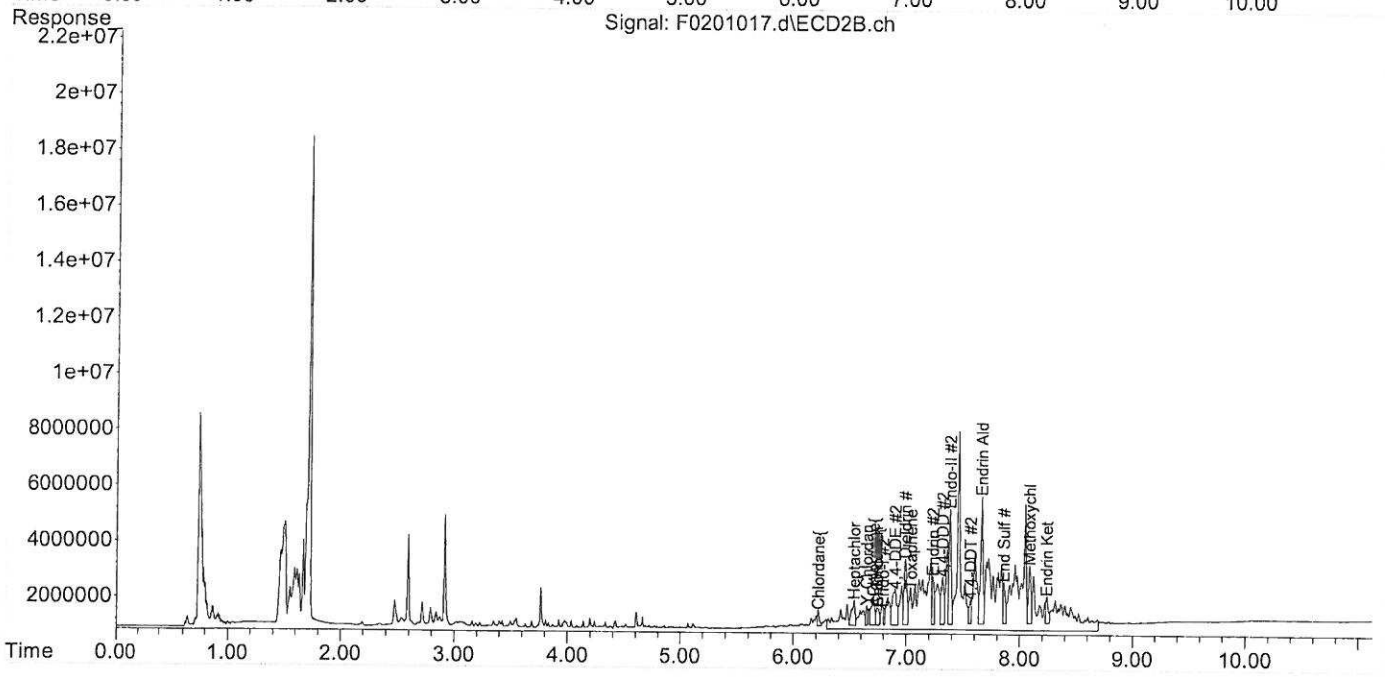
Quantitation Report (QT Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:55 pm
Operator : JMB
Sample : S001759-ICV1 Inst : ECD 6
Misc : TOX ICV 250
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 15:40:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



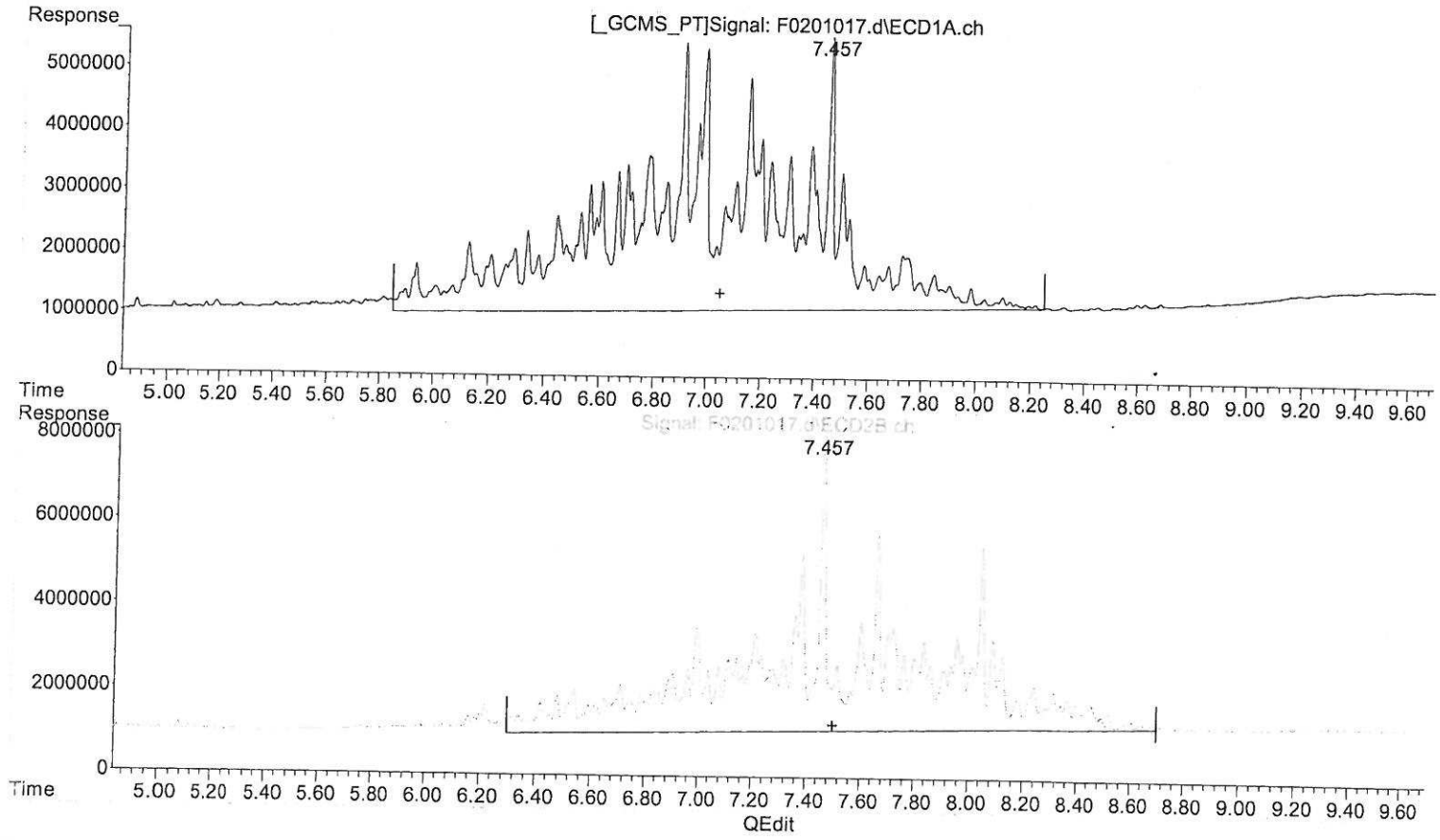


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:55 pm
Operator : JMB
Sample : ICV STD TOX Inst : ECD 6
Misc : mix[h]
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 15:33:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(30) Toxaphene (H)

7.050min 195.891 ug/L

response 1448297281

(30) Toxaphene #2 (H)

7.500min 191.926 ug/L

response 1502979058

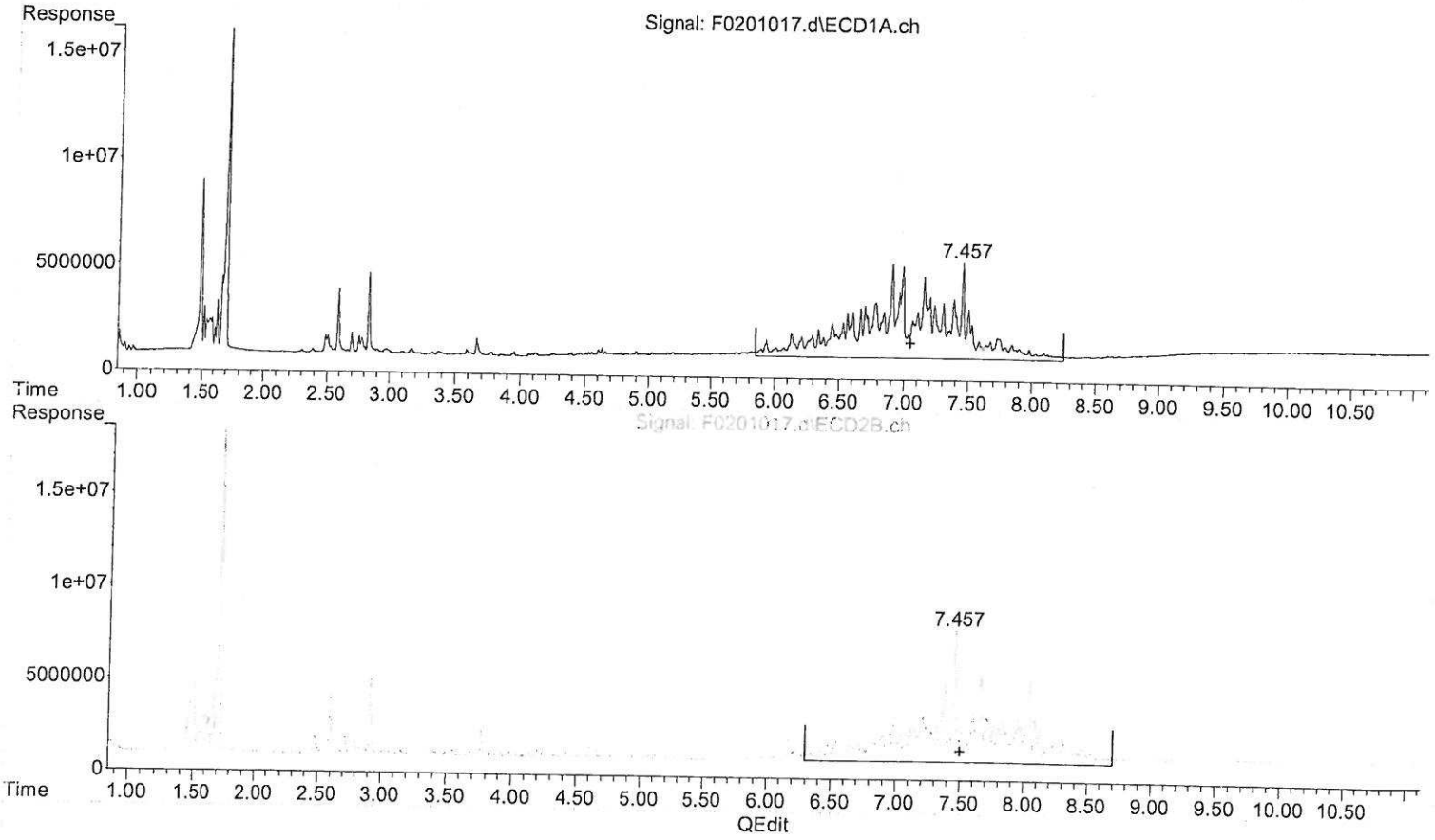
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:55 pm
Operator : JMB
Sample : ICV STD TOX
Inst : ECD 6
Misc : mix[h]
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 15:37:47 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :



(30) Toxaphene (H)

7.500min 208.744 ug/L m

response 1543327031

(30) Toxaphene #2 (H)

7.050min 215.688 ug/L m

response 1689058453

(+) = Expected Retention Time

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201023.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV1	Injection Time:	16:37

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	500	563	7393595	8331400		12.7	15
Toxaphene [2C]	A	500	554	7831106	8684200		10.9	15
Decachlorobiphenyl	A	500	454	8670293	7868800		-9.2	
Decachlorobiphenyl [2C]	A	500	447	8147007	7288200		-10.5	
Tetrachloro-m-xylene	A	500	482	9589208	9236600		-3.7	
Tetrachloro-m-xylene [2C]	A	500	435	1.048983E+07	9117400		-13.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201023.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 4:37 pm
Operator : JMB
Sample : S001743-CCV1 Inst : ECD 6
Misc : TOX 500
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:01:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.895	5.072	4618.3E6	4558.7E6	481.630	434.612
	Spiked Amount	200.000	Range 60 - 300	Recovery =		240.82%	217.31%
24) S	Decachlor...	8.453	8.974	3934.4E6	3644.1E6	453.792	447.314
	Spiked Amount	200.000	Range 60 - 300	Recovery =		226.90%	223.66%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
	Average Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	4165.7E6	4342.1E6	563.442	554.480

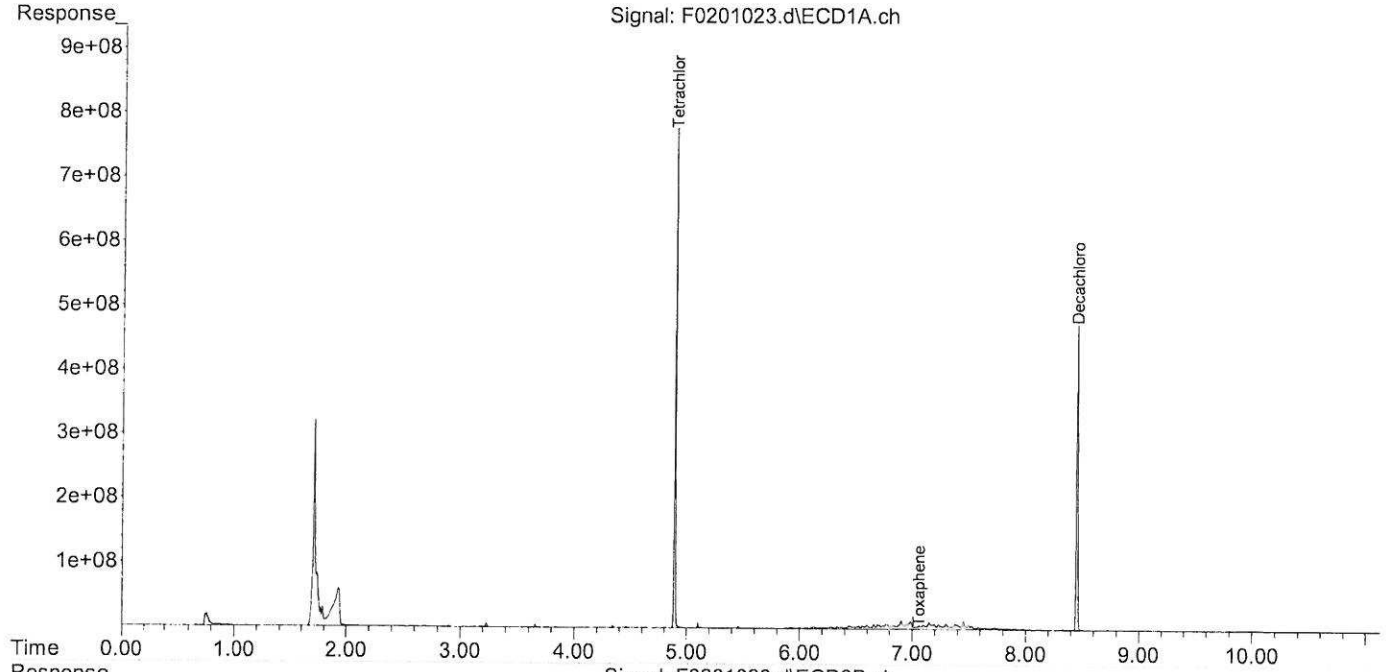
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

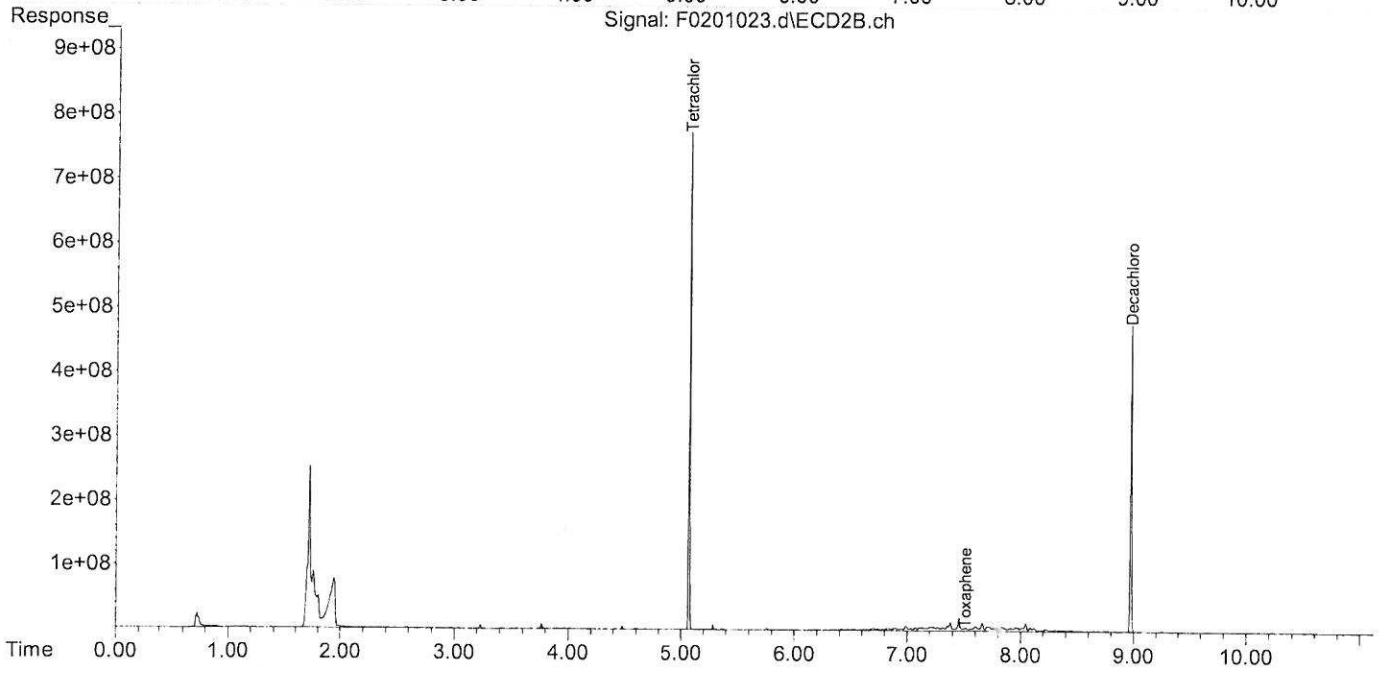
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201023.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 4:37 pm
Operator : JMB
Sample : S001743-CCV1 Inst : ECD 6
Misc : TOX 500
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:01:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201024.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV2	Injection Time:	16:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane	A	200	200					15
Chlordane [2C]	A	200	219					15
Decachlorobiphenyl	A	200	196	8670293	8488000		-2.1	
Decachlorobiphenyl [2C]	A	200	180	8147007	7344500		-9.9	
Tetrachloro-m-xylene	A	200	210	9589208	1.005E+07		4.8	
Tetrachloro-m-xylene [2C]	A	200	204	1.048983E+07	1.0701E+07		2.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201024.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 4:54 pm
Operator : JMB
Sample : S001743-CCV2 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:05:15 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.893	5.071	2010.0E6	2140.2E6	209.615	204.035
	Spiked Amount	200.000	Range 60 - 300	Recovery =		104.81%	102.02%
24) S	Decachlor...	8.452	8.973	1697.6E6	1468.9E6	195.798	180.314
	Spiked Amount	200.000	Range 60 - 300	Recovery =		97.90%	90.16%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	5.585	5.827	84916843	89008226	195.441	212.351
26) L8	Chlordane{2}	5.631	5.920	120.4E6	130.9E6	201.757	222.951
27) L8	Chlordane{3}	5.893	6.234	87120792	91310977	192.046	212.438
28) L8	Chlordane{4}	6.263	6.726	296.9E6	249.7E6	201.995	223.286
29) L8	Chlordane{5}	6.344	6.763	466.6E6	246.3E6	207.927	223.294
	Sum Chlordane			1055.8E6	807.2E6	999.166	1094.320
Average	Chlordane					199.833	218.864
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

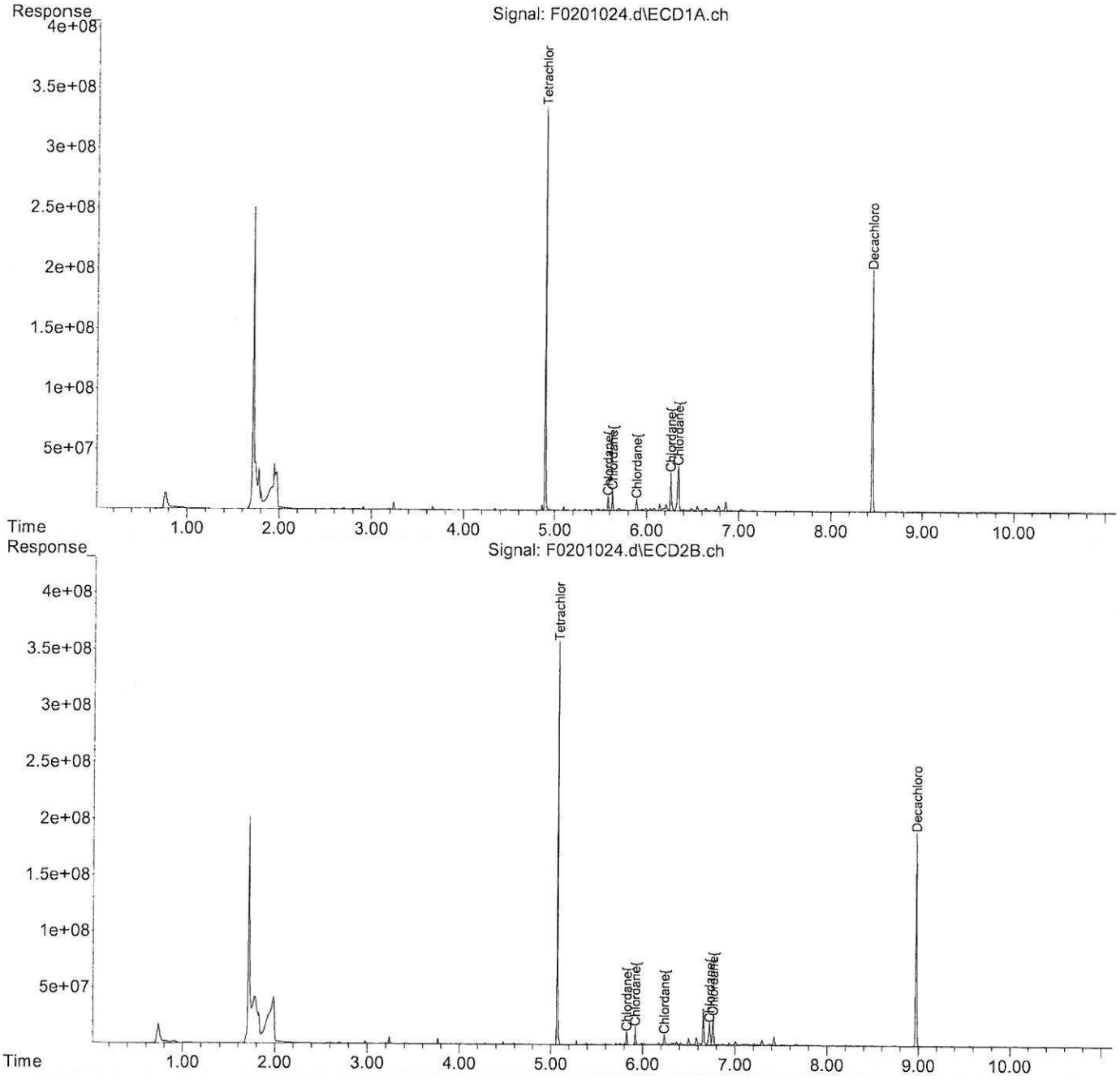
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201024.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 4:54 pm
Operator : JMB
Sample : S001743-CCV2 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:05:15 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201025.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV3	Injection Time:	17:11

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
alpha-Chlordane	A	100	101	1.086089E+07	1.0967E+07		1.0	15
alpha-Chlordane [2C]	A	100	101	1.129676E+07	1.1423E+07		1.1	15
gamma-Chlordane	A	100	102	1.106332E+07	1.1231E+07		1.5	15
gamma-Chlordane [2C]	A	100	102	1.166252E+07	1.1858E+07		1.7	15
Alachlor	L	100	101	1395048	1242000		0.5	15
Alachlor [2C]	L	100	102	1617417	1458000		2.0	15
Aldrin	A	100	103	1.162216E+07	1.1969E+07		3.0	15
Aldrin [2C]	A	100	103	1.188221E+07	1.22E+07		2.7	15
alpha-BHC	A	100	103	1.368418E+07	1.4126E+07		3.2	15
alpha-BHC [2C]	A	100	98.2	1.291196E+07	1.2685E+07		-1.8	15
beta-BHC	A	100	99.5	5169765	5144000		-0.5	15
beta-BHC [2C]	A	100	96.7	5474764	5296000		-3.3	15
delta-BHC	A	100	104	1.288149E+07	1.3414E+07		4.1	15
delta-BHC [2C]	A	100	102	1.340495E+07	1.3684E+07		2.1	15
gamma-BHC (Lindane)	A	100	105	1.322341E+07	1.3856E+07		4.8	15
gamma-BHC (Lindane) [2C]	A	100	101	1.3289E+07	1.3405E+07		0.9	15
4,4'-DDD	A	100	104	8590658	8950000		4.2	15
4,4'-DDD [2C]	A	100	105	8871809	9289000		4.7	15
4,4'-DDE	A	100	104	1.018584E+07	1.0552E+07		3.6	15
4,4'-DDE [2C]	A	100	104	1.084747E+07	1.1327E+07		4.4	15
4,4'-DDT	A	100	110	7782837	8540000		9.7	15
4,4'-DDT [2C]	A	100	108	8868579	9613000		8.4	15
Dieldrin	A	100	102	1.089257E+07	1.1151E+07		2.4	15
Dieldrin [2C]	A	100	103	1.119329E+07	1.1554E+07		3.2	15
Endosulfan I	A	100	100	1.020892E+07	1.0223E+07		0.1	15

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201025.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV3	Injection Time:	17:11

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endosulfan I [2C]	A	100	99.5	1.024441E+07	1.0191E+07		-0.5	15
Endosulfan II	A	100	100	9425058	9421000		-0.04	15
Endosulfan II [2C]	A	100	101	9714701	9771000		0.6	15
Endosulfan Sulfate	A	100	99.5	8535782	8493000		-0.5	15
Endosulfan Sulfate [2C]	A	100	100	8887014	8903000		0.2	15
Endrin	A	100	101	1.002349E+07	1.0158E+07		1.3	15
Endrin [2C]	A	100	103	1.009993E+07	1.0355E+07		2.5	15
Endrin Aldehyde	A	100	90.3	8664572	7823000		-9.7	15
Endrin Aldehyde [2C]	A	100	98.9	8237591	8151000		-1.1	15
Endrin Ketone	A	100	96.5	1.085328E+07	1.0477E+07		-3.5	15
Endrin Ketone [2C]	A	100	98.2	1.097385E+07	1.0779E+07		-1.8	15
Heptachlor	A	100	101	1.223172E+07	1.241E+07		1.5	15
Heptachlor [2C]	A	100	101	1.239239E+07	1.253E+07		1.1	15
Heptachlor Epoxide	A	100	98.7	1.073191E+07	1.059E+07		-1.3	15
Heptachlor Epoxide [2C]	A	100	98.7	1.105778E+07	1.0918E+07		-1.3	15
Hexachlorobenzene	A	100	99.5	1.050206E+07	1.0454E+07		-0.5	15
Hexachlorobenzene [2C]	A	100	96.2	9119072	8776000		-3.8	15
Methoxychlor	A	100	98.4	3954861	3890000		-1.6	15
Methoxychlor [2C]	A	100	97.7	4397914	4295000		-2.3	15
Decachlorobiphenyl	A	100	95.1	8670293	8248000		-4.9	
Decachlorobiphenyl [2C]	A	100	96.8	8147007	7887000		-3.2	
Tetrachloro-m-xylene	A	100	101	9589208	9668000		0.8	
Tetrachloro-m-xylene [2C]	A	100	101	1.048983E+07	1.0568E+07		0.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 5:11 pm
Operator : JMB
Sample : S001743-CCV3 Inst : ECD 6
Misc : PEST 100
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:05:55 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.896	5.074	966.8E6	1056.8E6	100.826	100.755
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	50.41%#	50.38%#
24) S	Decachlor...	8.455	8.975	824.8E6	788.7E6	95.131	96.813
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	47.57%#	48.41%#
	Target Compounds						
2) T	Hexachlor...	5.103	5.346	1045.4E6	877.6E6	99.543	96.231
3) T	alpha-BHC	5.194	5.430	1412.6E6	1268.5E6	103.236	98.237
4) T	gamma-BHC	5.367	5.647	1385.6E6	1340.5E6	104.790	100.875
5) T	Beta-BHC	5.419	5.700	514.4E6	529.6E6	99.493	96.742
6) T	Delta-BHC	5.518	5.885	1341.4E6	1368.4E6	104.143	102.082
7) T	Heptachlor	5.635	5.925	1241.0E6	1253.0E6	101.457	101.107
8) T	Aldrin	5.810	6.136	1196.9E6	1220.0E6	102.987	102.669
9) T	Alachlor	5.909	6.072	124.2E6	145.8E6	100.548	102.017
10) T	Heptachlo...	6.185	6.529	1059.0E6	1091.8E6	98.686	98.729
11) T	Y-Chlordane	6.266	6.663	1123.1E6	1185.8E6	101.517	101.682
12) T	A-Chlordane	6.353	6.768	1096.7E6	1142.3E6	100.983	101.118
13) T	4,4-DDE	6.415	6.897	1055.2E6	1132.7E6	103.599	104.433
14) T	Endo-I	6.438	6.806	1022.3E6	1019.1E6	100.136	99.479
15) T	Dieldrin	6.599	7.007	1115.1E6	1155.4E6	102.365	103.227
16) T	Endrin	6.755	7.231	1015.8E6	1035.5E6	101.337	102.521
17) T	4,4-DDD	6.822	7.331	895.0E6	928.9E6	104.183	104.702
18) T	Endo-II	6.912	7.393	942.1E6	977.1E6	99.956	100.575
19) T	4,4-DDT	7.020	7.571	854.0E6	961.3E6	109.726	108.398
20) T	Endrin Al...	7.213	7.655	782.3E6	815.1E6	90.291	98.941
21) T	Methoxychlor	7.392	8.106	389.0E6	429.5E6	98.370	97.661
22) T	End Sulf	7.534	7.872	849.3E6	890.3E6	99.499	100.188
23) T	Endrin Ke...	7.739	8.248	1047.7E6	1077.9E6	96.535	98.219
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

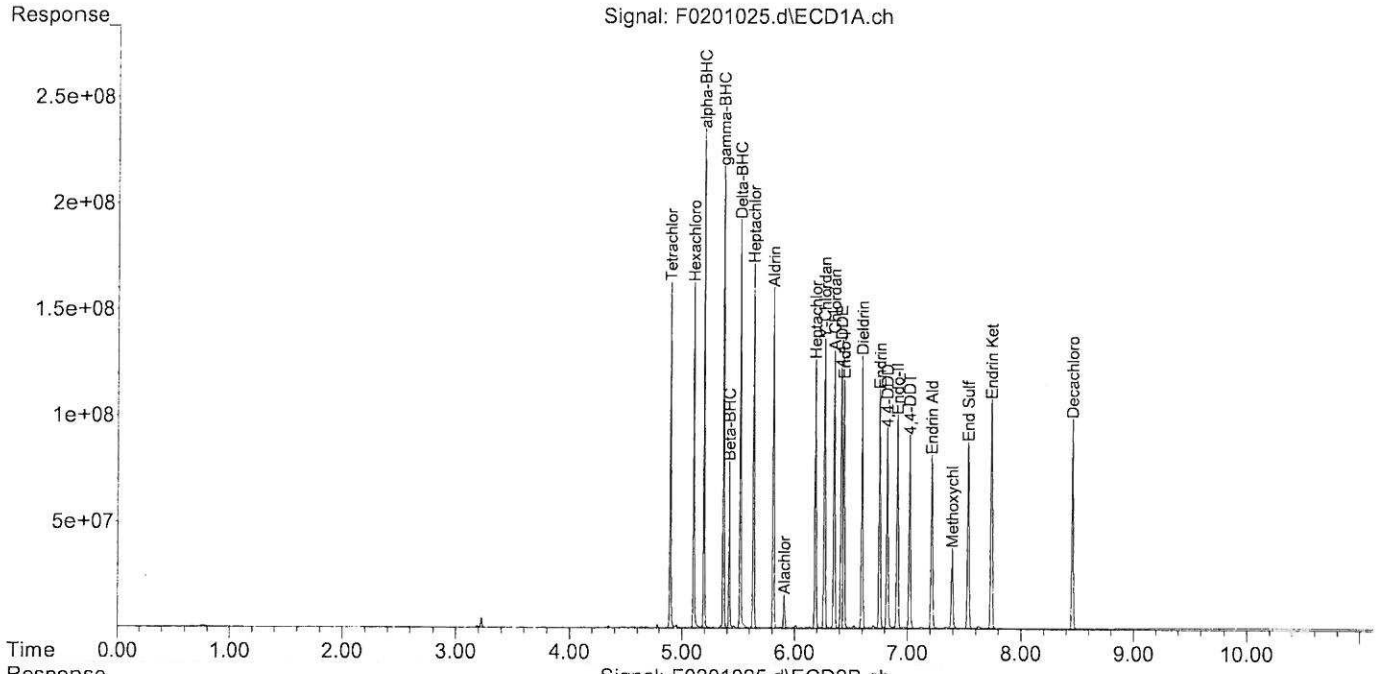
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

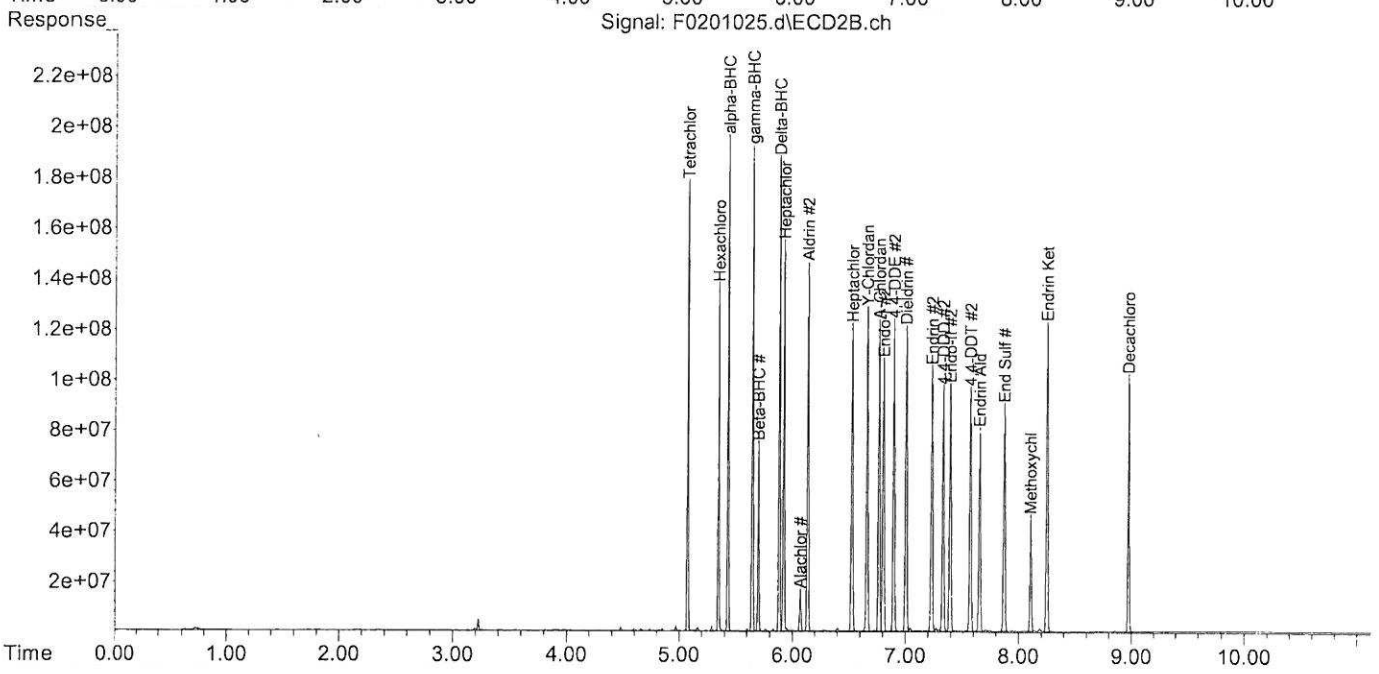
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 5:11 pm
Operator : JMB
Sample : S001743-CCV3 Inst : ECD 6
Misc : PEST 100
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:05:55 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201032.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV4	Injection Time:	19:09

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
alpha-Chlordane	A	100	104	1.086089E+07	1.1284E+07		3.9	15
alpha-Chlordane [2C]	A	100	103	1.129676E+07	1.1643E+07		3.1	15
gamma-Chlordane	A	100	104	1.106332E+07	1.152E+07		4.1	15
gamma-Chlordane [2C]	A	100	104	1.166252E+07	1.2105E+07		3.8	15
Alachlor	L	100	103	1395048	1272000		3.1	15
Alachlor [2C]	L	100	105	1617417	1496000		4.8	15
Aldrin	A	100	106	1.162216E+07	1.2279E+07		5.7	15
Aldrin [2C]	A	100	105	1.188221E+07	1.245E+07		4.8	15
alpha-BHC	A	100	103	1.368418E+07	1.4104E+07		3.1	15
alpha-BHC [2C]	A	100	99.8	1.291196E+07	1.2888E+07		-0.2	15
beta-BHC	A	100	102	5169765	5277000		2.1	15
beta-BHC [2C]	A	100	98.5	5474764	5391000		-1.5	15
delta-BHC	A	100	106	1.288149E+07	1.369E+07		6.3	15
delta-BHC [2C]	A	100	104	1.340495E+07	1.3974E+07		4.2	15
gamma-BHC (Lindane)	A	100	108	1.322341E+07	1.4285E+07		8.0	15
gamma-BHC (Lindane) [2C]	A	100	103	1.3289E+07	1.3663E+07		2.8	15
4,4'-DDD	A	100	107	8590658	9176000		6.8	15
4,4'-DDD [2C]	A	100	106	8871809	9397000		5.9	15
4,4'-DDE	A	100	107	1.018584E+07	1.0901E+07		7.0	15
4,4'-DDE [2C]	A	100	107	1.084747E+07	1.1562E+07		6.6	15
4,4'-DDT	A	100	112	7782837	8721000		12.1	15
4,4'-DDT [2C]	A	100	111	8868579	9804000		10.5	15
Dieldrin	A	100	104	1.089257E+07	1.1376E+07		4.4	15
Dieldrin [2C]	A	100	104	1.119329E+07	1.1679E+07		4.3	15
Endosulfan I	A	100	102	1.020892E+07	1.0392E+07		1.8	15

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201032.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV4	Injection Time:	19:09

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endosulfan I [2C]	A	100	101	1.024441E+07	1.0321E+07		0.7	15
Endosulfan II	A	100	101	9425058	9559000		1.4	15
Endosulfan II [2C]	A	100	102	9714701	9869000		1.6	15
Endosulfan Sulfate	A	100	102	8535782	8688000		1.8	15
Endosulfan Sulfate [2C]	A	100	102	8887014	9039000		1.7	15
Endrin	A	100	103	1.002349E+07	1.0363E+07		3.4	15
Endrin [2C]	A	100	104	1.009993E+07	1.047E+07		3.7	15
Endrin Aldehyde	A	100	91.6	8664572	7939000		-8.4	15
Endrin Aldehyde [2C]	A	100	99.4	8237591	8185000		-0.6	15
Endrin Ketone	A	100	99.2	1.085328E+07	1.0761E+07		-0.9	15
Endrin Ketone [2C]	A	100	99.6	1.097385E+07	1.093E+07		-0.4	15
Heptachlor	A	100	104	1.223172E+07	1.2702E+07		3.8	15
Heptachlor [2C]	A	100	103	1.239239E+07	1.2716E+07		2.6	15
Heptachlor Epoxide	A	100	101	1.073191E+07	1.0796E+07		0.6	15
Heptachlor Epoxide [2C]	A	100	99.9	1.105778E+07	1.1053E+07		-0.04	15
Hexachlorobenzene	A	100	104	1.050206E+07	1.0881E+07		3.6	15
Hexachlorobenzene [2C]	A	100	98.0	9119072	8940000		-2.0	15
Methoxychlor	A	100	99.6	3954861	3941000		-0.4	15
Methoxychlor [2C]	A	100	99.2	4397914	4361000		-0.8	15
Decachlorobiphenyl	A	100	99.5	8670293	8626000		-0.5	
Decachlorobiphenyl [2C]	A	100	100	8147007	8166000		0.2	
Tetrachloro-m-xylene	A	100	105	9589208	1.0053E+07		4.8	
Tetrachloro-m-xylene [2C]	A	100	101	1.048983E+07	1.056E+07		0.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201032.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 7:09 pm
Operator : JMB
Sample : S001743-CCV4 Inst : ECD 6
Misc : PEST 100
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:11:31 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.893	5.071	1005.3E6	1056.0E6	104.844	100.678
	Spiked Amount	200.000	Range 60 - 300	Recovery =		52.42%#	50.34%#
24) S	Decachlor...	8.451	8.973	862.6E6	816.6E6	99.488	100.241
	Spiked Amount	200.000	Range 60 - 300	Recovery =		49.74%#	50.12%#
	Target Compounds						
2) T	Hexachlor...	5.100	5.343	1088.1E6	894.0E6	103.608	98.029
3) T	alpha-BHC	5.191	5.427	1410.4E6	1288.8E6	103.072	99.815
4) T	gamma-BHC	5.364	5.643	1428.5E6	1366.3E6	108.035	102.814
5) T	Beta-BHC	5.416	5.696	527.7E6	539.1E6	102.075	98.474
6) T	Delta-BHC	5.514	5.881	1369.0E6	1397.4E6	106.283	104.248
7) T	Heptachlor	5.631	5.921	1270.2E6	1271.6E6	103.846	102.611
8) T	Aldrin	5.807	6.132	1227.9E6	1245.0E6	105.654	104.779
9) T	Alachlor	5.905	6.069	127.2E6	149.6E6	103.064	104.768
10) T	Heptachlo...	6.182	6.524	1079.6E6	1105.3E6	100.602	99.949
11) T	Y-Chlordane	6.262	6.659	1152.0E6	1210.5E6	104.128	103.798
12) T	A-Chlordane	6.348	6.763	1128.4E6	1164.3E6	103.900	103.067
13) T	4,4-DDE	6.412	6.893	1090.1E6	1156.2E6	107.018	106.600
14) T	Endo-I	6.434	6.802	1039.2E6	1032.1E6	101.797	100.751
15) T	Dieldrin	6.595	7.002	1137.6E6	1167.9E6	104.427	104.342
16) T	Endrin	6.751	7.227	1036.3E6	1047.0E6	103.390	103.659
17) T	4,4-DDD	6.818	7.326	917.6E6	939.7E6	106.806	105.924
18) T	Endo-II	6.908	7.388	955.9E6	986.9E6	101.420	101.583
19) T	4,4-DDT	7.016	7.567	872.1E6	980.4E6	112.062	110.549
20) T	Endrin Al...	7.209	7.650	793.9E6	818.5E6	91.624	99.356
21) T	Methoxychlor	7.387	8.102	394.1E6	436.1E6	99.648	99.168
22) T	End Sulf	7.530	7.867	868.8E6	903.9E6	101.786	101.711
23) T	Endrin Ke...	7.734	8.244	1076.1E6	1093.0E6	99.155	99.595
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

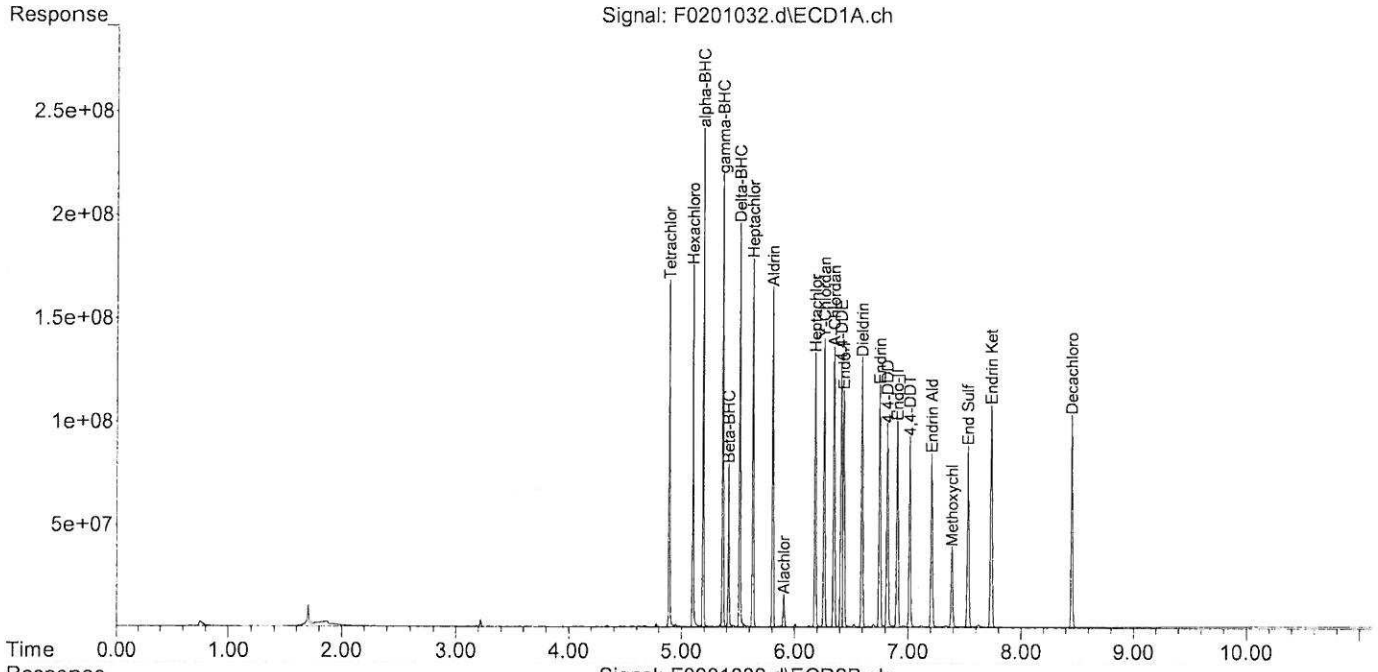
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

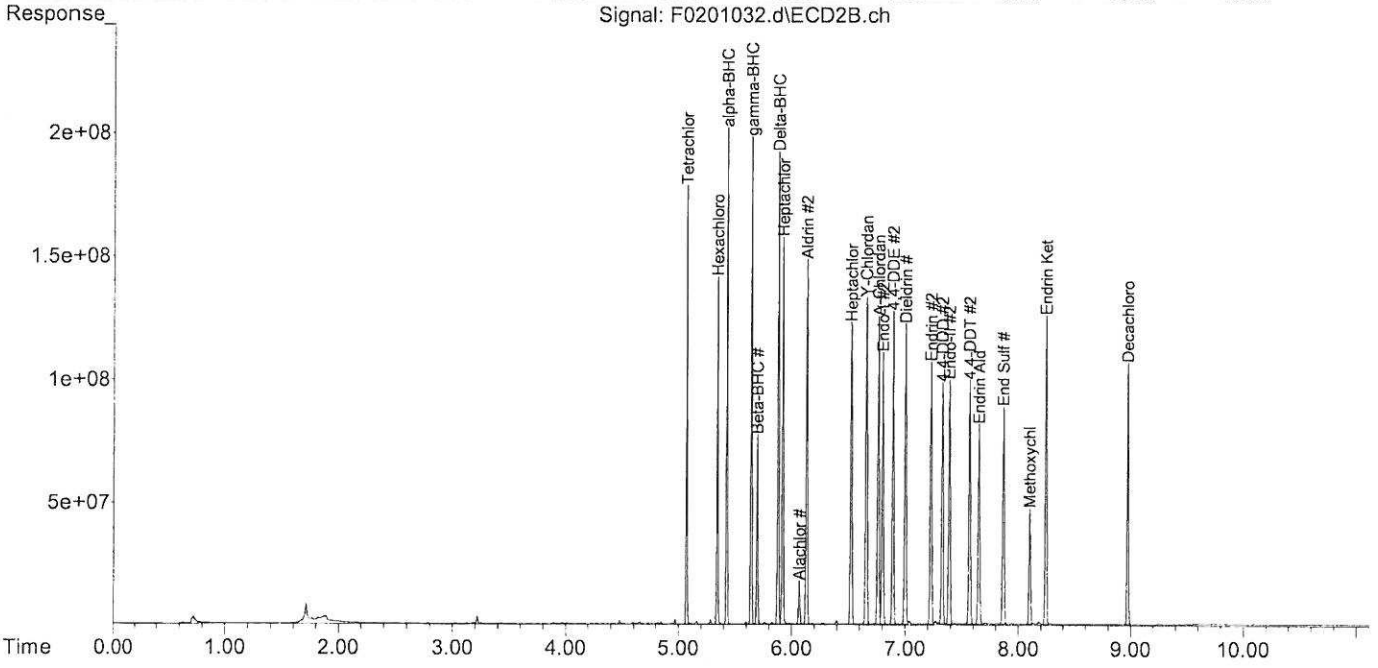
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201032.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 7:09 pm
Operator : JMB
Sample : S001743-CCV4 Inst : ECD 6
Misc : PEST 100
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:11:31 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201041.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV5	Injection Time:	21:39

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	250	280	7393595	8289600		12.1	15
Toxaphene [2C]	A	250	259	7831106	8103600		3.5	15
Decachlorobiphenyl	A	250	229	8670293	7938800		-8.4	
Decachlorobiphenyl [2C]	A	250	207	8147007	6746800		-17.2	
Tetrachloro-m-xylene	A	250	245	9589208	9397600		-2.0	
Tetrachloro-m-xylene [2C]	A	250	233	1.048983E+07	9756400		-7.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201041.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 9:39 pm
Operator : JMB
Sample : S001743-CCV5 Inst : ECD 6
Misc : TOX 250
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:19:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.891	5.070	2349.4E6	2439.1E6	245.016	232.539
	Spiked Amount	200.000	Range 60 - 300	Recovery =		122.51%	116.27%
24) S	Decachlor...	8.451	8.971	1984.7E6	1686.7E6	228.911	207.041
	Spiked Amount	200.000	Range 60 - 300	Recovery =		114.46%	103.52%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
	Average Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	2072.4E6	2025.9E6	280.306	258.708

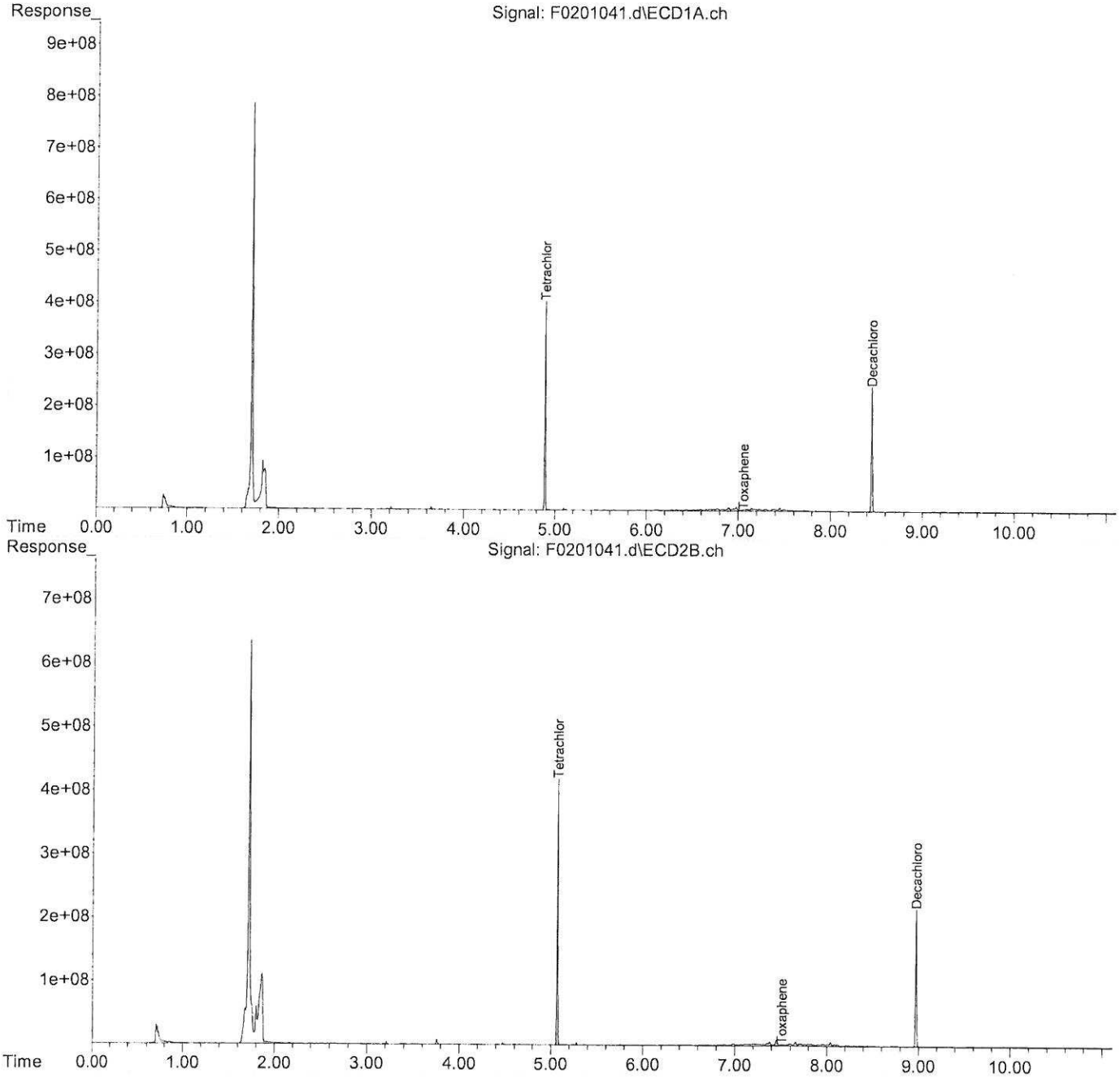
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201041.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 9:39 pm
Operator : JMB
Sample : S001743-CCV5 Inst : ECD 6
Misc : TOX 250
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:19:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201042.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV6	Injection Time:	21:56

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane	A	100	101					15
Chlordane [2C]	A	100	109					15
Decachlorobiphenyl	A	100	103	8670293	8943000		3.1	
Decachlorobiphenyl [2C]	A	100	93.0	8147007	7573000		-7.0	
Tetrachloro-m-xylene	A	100	110	9589208	1.0507E+07		9.6	
Tetrachloro-m-xylene [2C]	A	100	109	1.048983E+07	1.1407E+07		8.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201042.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 9:56 pm
Operator : JMB
Sample : S001743-CCV6 Inst : ECD 6
Misc : CHLOR 100
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:20:21 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.069	1050.7E6	1140.7E6	109.579	108.755
	Spiked Amount	200.000	Range 60 - 300		Recovery =	54.79%#	54.38%#
24) S	Decachlor...	8.449	8.971	894.3E6	757.3E6	103.145	92.965
	Spiked Amount	200.000	Range 60 - 300		Recovery =	51.57%#	46.48%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	5.582	5.825	42513120	44633408	97.846	106.484
26) L8	Chlordane{2}	5.628	5.918	59522422	64550664	99.754	109.953
27) L8	Chlordane{3}	5.890	6.232	44813884	45567551	98.786	106.014
28) L8	Chlordane{4}	6.259	6.724	151.4E6	123.4E6	103.052	110.319
29) L8	Chlordane{5}	6.341	6.760	236.7E6	122.2E6	105.472	110.780
	Sum Chlordane			535.0E6	400.3E6	504.910	543.550
Average	Chlordane					100.982	108.710
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

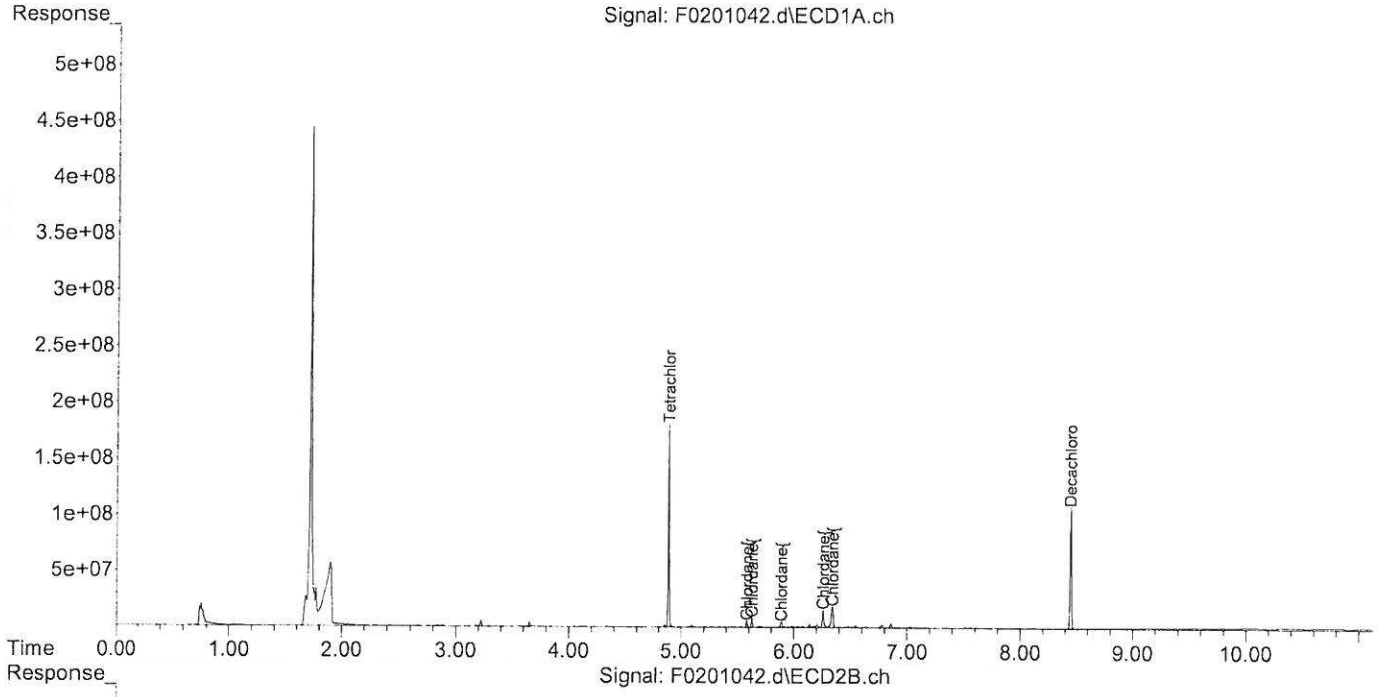
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

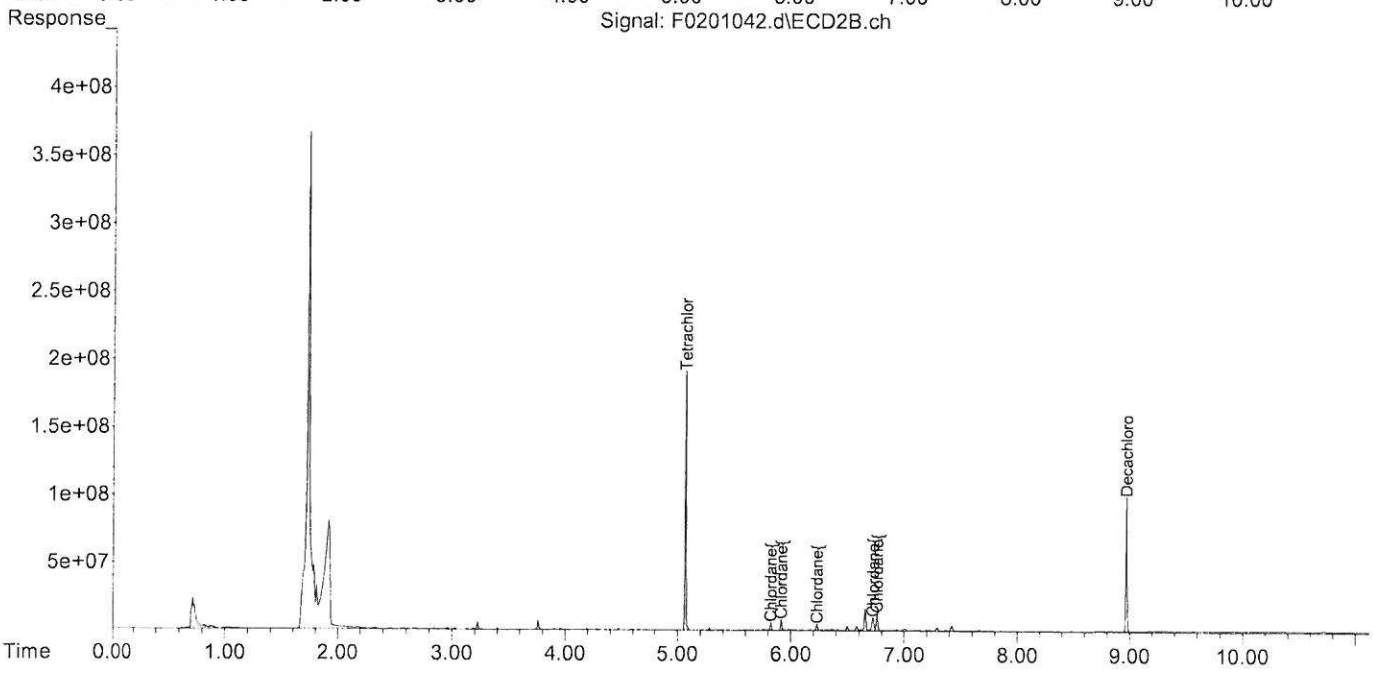
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201042.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 9:56 pm
Operator : JMB
Sample : S001743-CCV6 Inst : ECD 6
Misc : CHLOR 100
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:20:21 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201043.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV7	Injection Time:	22:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
alpha-Chlordane	A	100	103	1.086089E+07	1.1189E+07		3.0	15
alpha-Chlordane [2C]	A	100	103	1.129676E+07	1.1617E+07		2.8	15
gamma-Chlordane	A	100	103	1.106332E+07	1.144E+07		3.4	15
gamma-Chlordane [2C]	A	100	104	1.166252E+07	1.208E+07		3.6	15
Alachlor	L	100	103	1395048	1271000		3.0	15
Alachlor [2C]	L	100	103	1617417	1475000		3.2	15
Aldrin	A	100	104	1.162216E+07	1.2036E+07		3.6	15
Aldrin [2C]	A	100	104	1.188221E+07	1.2317E+07		3.7	15
alpha-BHC	A	100	107	1.368418E+07	1.4637E+07		7.0	15
alpha-BHC [2C]	A	100	102	1.291196E+07	1.3109E+07		1.5	15
beta-BHC	A	100	102	5169765	5249000		1.5	15
beta-BHC [2C]	A	100	98.7	5474764	5402000		-1.3	15
delta-BHC	A	100	106	1.288149E+07	1.3695E+07		6.3	15
delta-BHC [2C]	A	100	104	1.340495E+07	1.4003E+07		4.5	15
gamma-BHC (Lindane)	A	100	107	1.322341E+07	1.4205E+07		7.4	15
gamma-BHC (Lindane) [2C]	A	100	104	1.3289E+07	1.3764E+07		3.6	15
4,4'-DDD	A	100	105	8590658	9036000		5.2	15
4,4'-DDD [2C]	A	100	107	8871809	9475000		6.8	15
4,4'-DDE	A	100	106	1.018584E+07	1.0753E+07		5.6	15
4,4'-DDE [2C]	A	100	106	1.084747E+07	1.15E+07		6.0	15
4,4'-DDT	A	100	115	7782837	8947000		15.0	15
4,4'-DDT [2C]	A	100	110	8868579	9770000		10.2	15
Dieldrin	A	100	104	1.089257E+07	1.1292E+07		3.7	15
Dieldrin [2C]	A	100	105	1.119329E+07	1.1732E+07		4.8	15
Endosulfan I	A	100	101	1.020892E+07	1.0285E+07		0.7	15

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201043.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV7	Injection Time:	22:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endosulfan I [2C]	A	100	101	1.024441E+07	1.0342E+07		1.0	15
Endosulfan II	A	100	102	9425058	9571000		1.5	15
Endosulfan II [2C]	A	100	103	9714701	9961000		2.5	15
Endosulfan Sulfate	A	100	101	8535782	8641000		1.2	15
Endosulfan Sulfate [2C]	A	100	102	8887014	9074000		2.1	15
Endrin	A	100	104	1.002349E+07	1.0453E+07		4.3	15
Endrin [2C]	A	100	106	1.009993E+07	1.0695E+07		5.9	15
Endrin Aldehyde	A	100	90.9	8664572	7875000		-9.1	15
Endrin Aldehyde [2C]	A	100	100	8237591	8245000		0.09	15
Endrin Ketone	A	100	97.4	1.085328E+07	1.0568E+07		-2.6	15
Endrin Ketone [2C]	A	100	99.6	1.097385E+07	1.093E+07		-0.4	15
Heptachlor	A	100	103	1.223172E+07	1.2555E+07		2.6	15
Heptachlor [2C]	A	100	102	1.239239E+07	1.2678E+07		2.3	15
Heptachlor Epoxide	A	100	100	1.073191E+07	1.075E+07		0.2	15
Heptachlor Epoxide [2C]	A	100	100	1.105778E+07	1.1086E+07		0.3	15
Hexachlorobenzene	A	100	101	1.050206E+07	1.0649E+07		1.4	15
Hexachlorobenzene [2C]	A	100	96.8	9119072	8831000		-3.2	15
Methoxychlor	A	100	105	3954861	4158000		5.1	15
Methoxychlor [2C]	A	100	101	4397914	4436000		0.9	15
Decachlorobiphenyl	A	100	97.7	8670293	8468000		-2.3	
Decachlorobiphenyl [2C]	A	100	98.2	8147007	7998000		-1.8	
Tetrachloro-m-xylene	A	100	103	9589208	9850000		2.7	
Tetrachloro-m-xylene [2C]	A	100	97.5	1.048983E+07	1.023E+07		-2.5	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:13 pm
Operator : JMB
Sample : S001743-CCV7 Inst : ECD 6
Misc : PEST 100
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:20:33 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.068	985.0E6	1023.0E6	102.721	97.530
	Spiked Amount	200.000	Range 60 - 300	Recovery =		51.36%#	48.77%#
24) S	Decachlor...	8.448	8.970	846.8E6	799.8E6	97.667	98.173
	Spiked Amount	200.000	Range 60 - 300	Recovery =		48.83%#	49.09%#
	Target Compounds						
2) T	Hexachlor...	5.096	5.340	1064.9E6	883.1E6	101.398	96.838
3) T	alpha-BHC	5.188	5.424	1463.7E6	1310.9E6	106.968	101.528
4) T	gamma-BHC	5.360	5.639	1420.5E6	1376.4E6	107.425	103.571
5) T	Beta-BHC	5.412	5.692	524.9E6	540.2E6	101.537	98.675
6) T	Delta-BHC	5.511	5.877	1369.5E6	1400.3E6	106.318	104.457
7) T	Heptachlor	5.628	5.917	1255.5E6	1267.8E6	102.642	102.307
8) T	Aldrin	5.803	6.128	1203.6E6	1231.7E6	103.563	103.657
9) T	Alachlor	5.902	6.064	127.1E6	147.5E6	102.998	103.247
10) T	Heptachlo...	6.178	6.520	1075.0E6	1108.6E6	100.177	100.249
11) T	Y-Chlordane	6.258	6.654	1144.0E6	1208.0E6	103.402	103.583
12) T	A-Chlordane	6.344	6.759	1118.9E6	1161.7E6	103.027	102.833
13) T	4,4-DDE	6.408	6.888	1075.3E6	1150.0E6	105.572	106.029
14) T	Endo-I	6.430	6.798	1028.5E6	1034.2E6	100.748	100.953
15) T	Dieldrin	6.591	6.997	1129.2E6	1173.2E6	103.657	104.815
16) T	Endrin	6.746	7.223	1045.3E6	1069.5E6	104.280	105.892
17) T	4,4-DDD	6.814	7.322	903.6E6	947.5E6	105.184	106.799
18) T	Endo-II	6.903	7.384	957.1E6	996.1E6	101.543	102.529
19) T	4,4-DDT	7.010	7.563	894.7E6	977.0E6	114.958m	110.162
20) T	Endrin Al...	7.205	7.645	787.5E6	824.5E6	90.889	100.086
21) T	Methoxychlor	7.382	8.099	415.8E6	443.6E6	105.145	100.866
22) T	End Sulf	7.524	7.863	864.1E6	907.4E6	101.241	102.107
23) T	Endrin Ke...	7.730	8.240	1056.8E6	1093.0E6	97.371	99.599
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

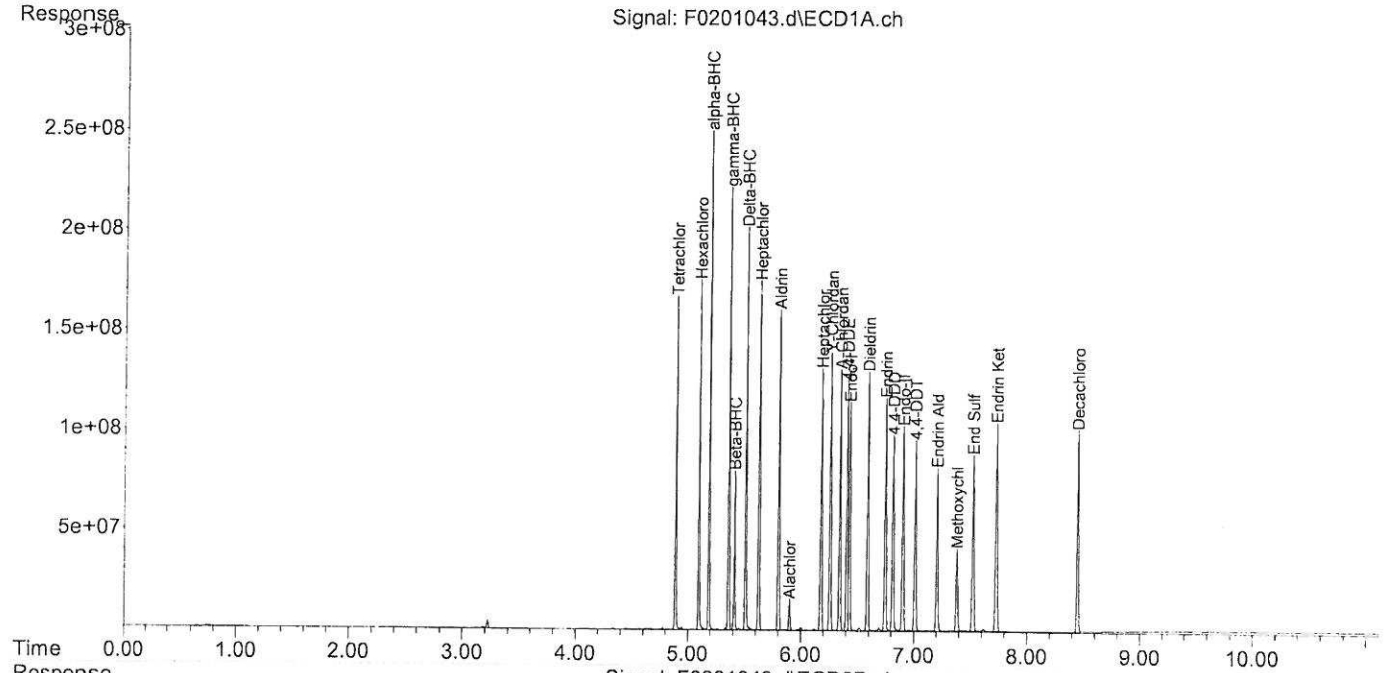
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

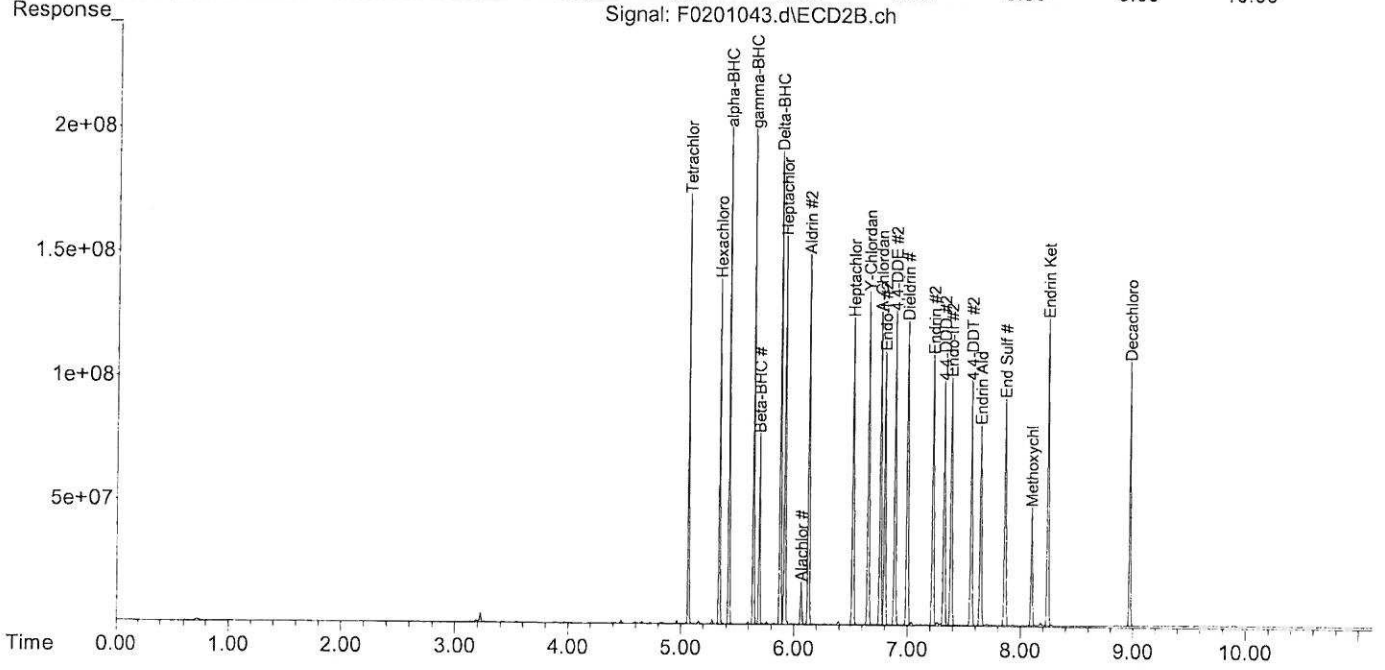
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:13 pm
Operator : JMB
Sample : S001743-CCV7 Inst : ECD 6
Misc : PEST 100
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:20:33 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



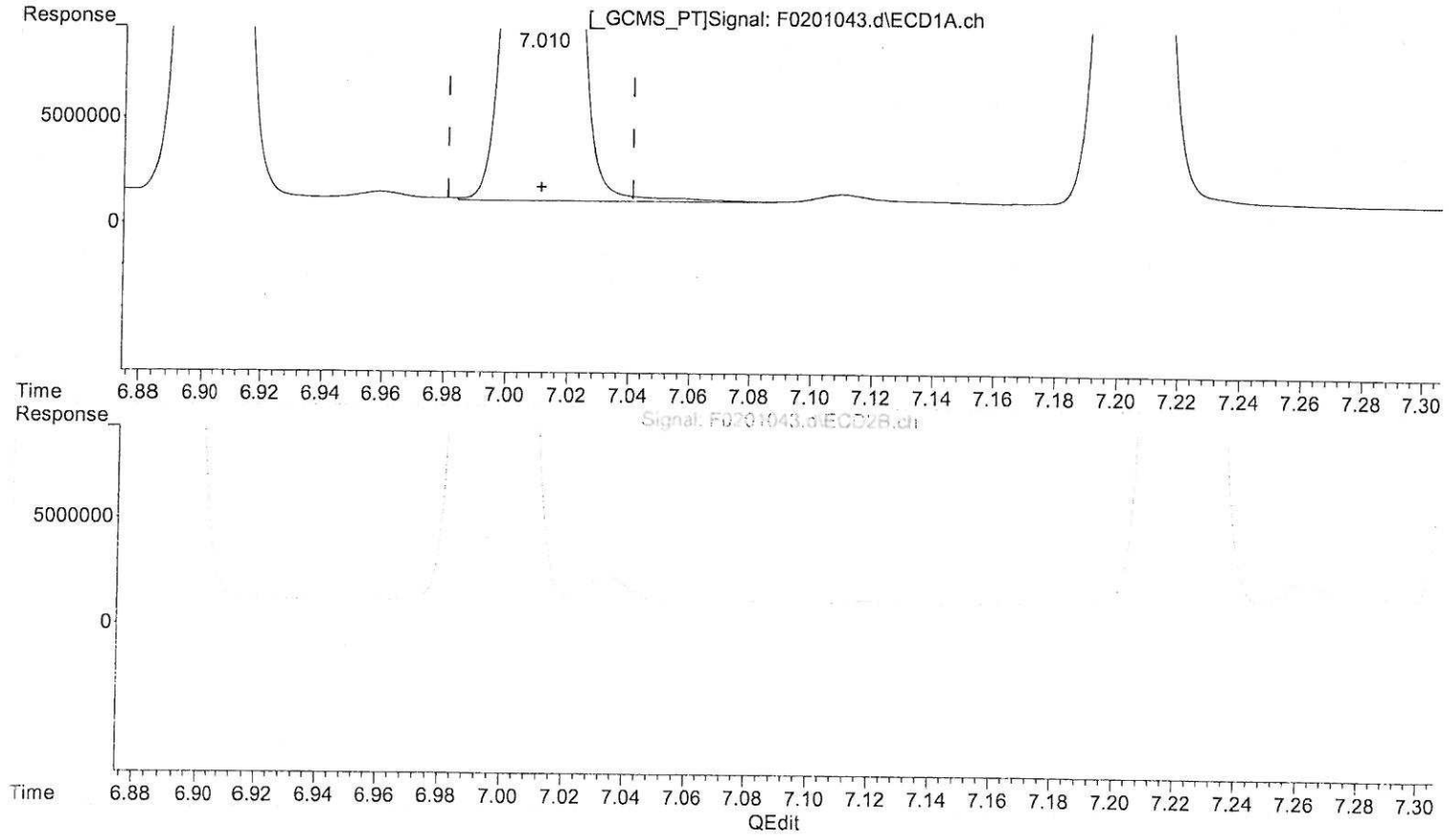


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:13 pm
Operator : JMB
Sample : PEST 100 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 09:04:39 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(19) 4,4-DDT (T)

7.011min 116.078 ug/L

response 903394898

(19) 4,4-DDT #2 (T)

7.563min 110.162 ug/L

response 976990877

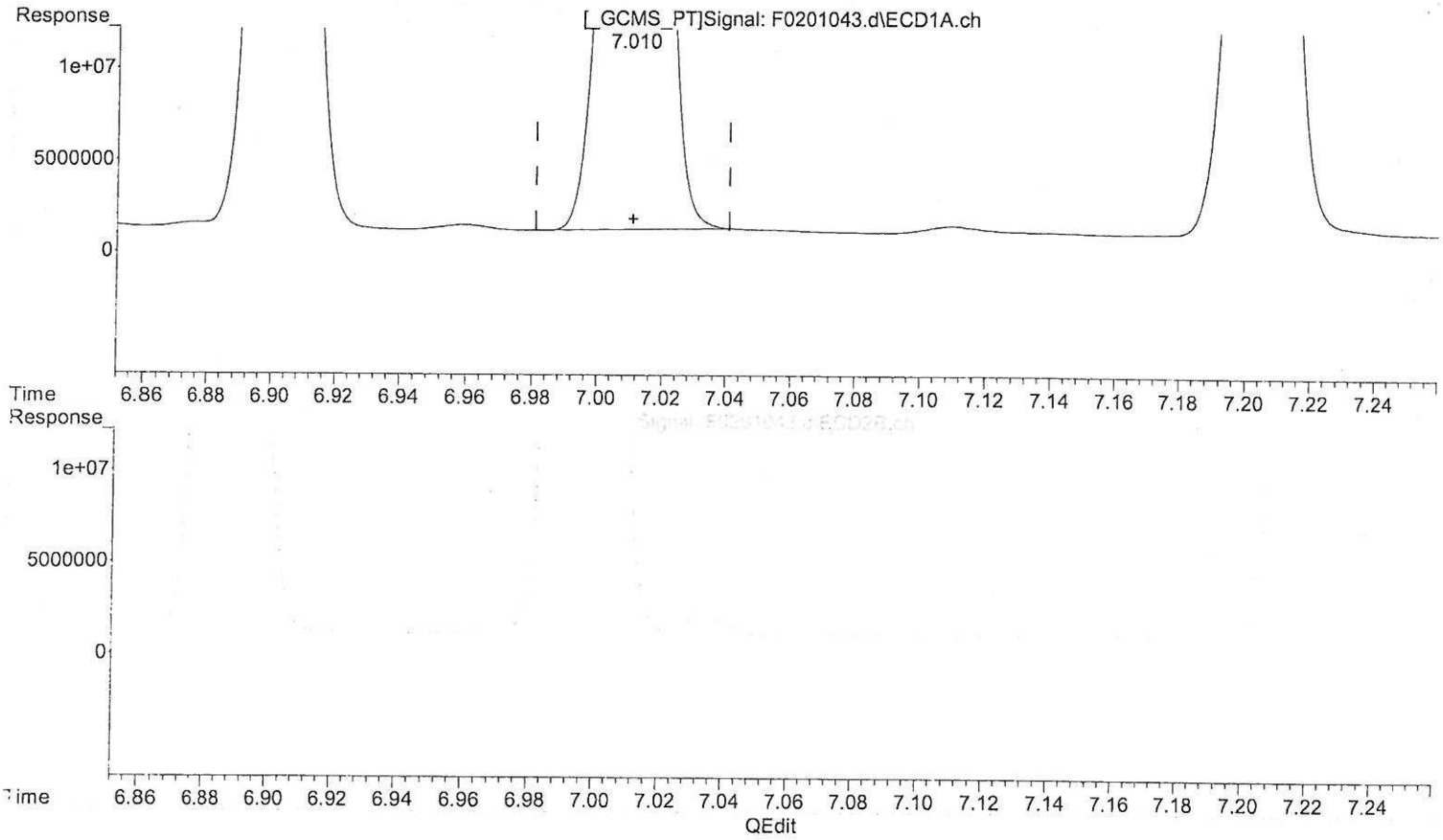
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:13 pm
Operator : JMB
Sample : PEST 100 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 09:04:39 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(19) 4,4-DDT (T)

7.010min 114.958 ug/L m

response 894674490

(19) 4,4-DDT #2 (T)

7.563min 110.162 ug/L

response 976990877

(+) = Expected Retention Time

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201051.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/02/12
Lab Sample ID:	S001743-CCV8	Injection Time:	00:26

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	500	521	7393595	7704200		4.2	15
Toxaphene [2C]	A	500	471	7831106	7376400		-5.8	15
Decachlorobiphenyl	A	500	426	8670293	7391400		-14.8	
Decachlorobiphenyl [2C]	A	500	432	8147007	7045400		-13.5	
Tetrachloro-m-xylene	A	500	496	9589208	9503600		-0.9	
Tetrachloro-m-xylene [2C]	A	500	454	1.048983E+07	9529800		-9.2	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201051.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:26 am
Operator : JMB
Sample : S001743-CCV8 Inst : ECD 6
Misc : TOX 500
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:24:16 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.889	5.068	4751.8E6	4764.9E6	495.553	454.273
	Spiked Amount	200.000	Range 60 - 300	Recovery =		247.78%	227.14%
24) S	Decachlor...	8.449	8.970	3695.7E6	3522.7E6	426.260	432.408
	Spiked Amount	200.000	Range 60 - 300	Recovery =		213.13%	216.20%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
	Average Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	3852.1E6	3688.2E6	521.014	470.979

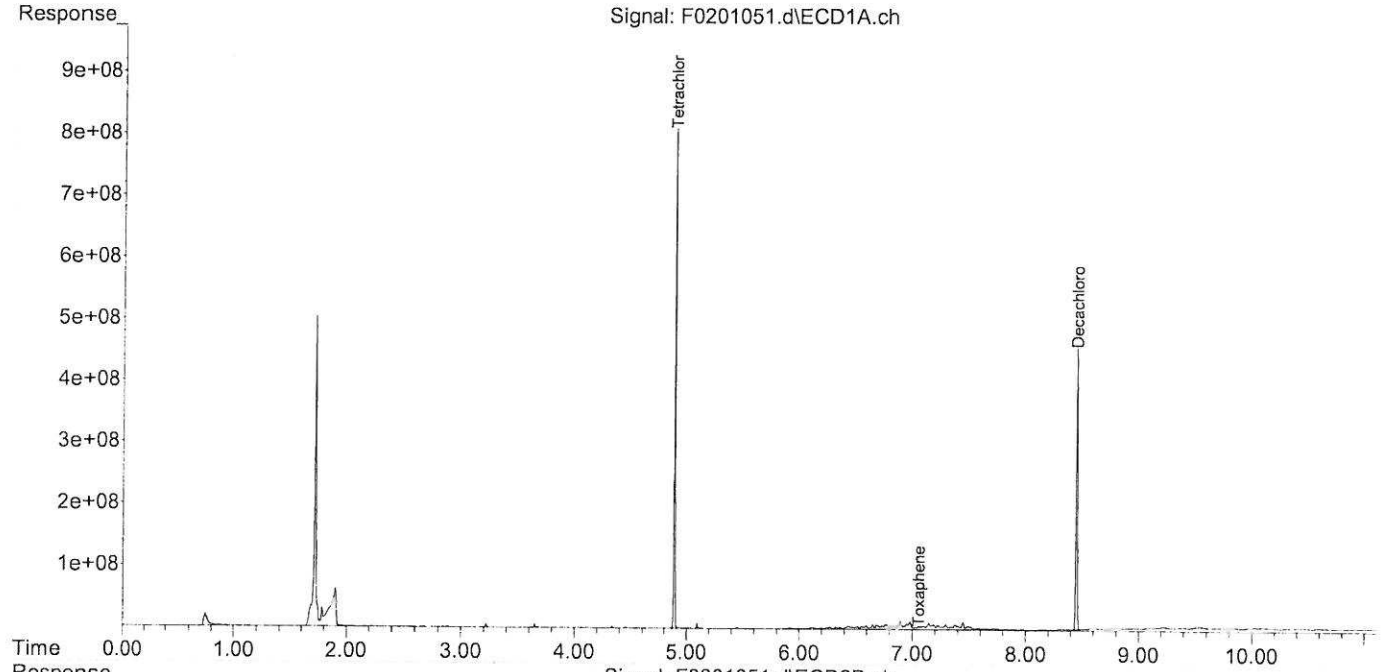
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

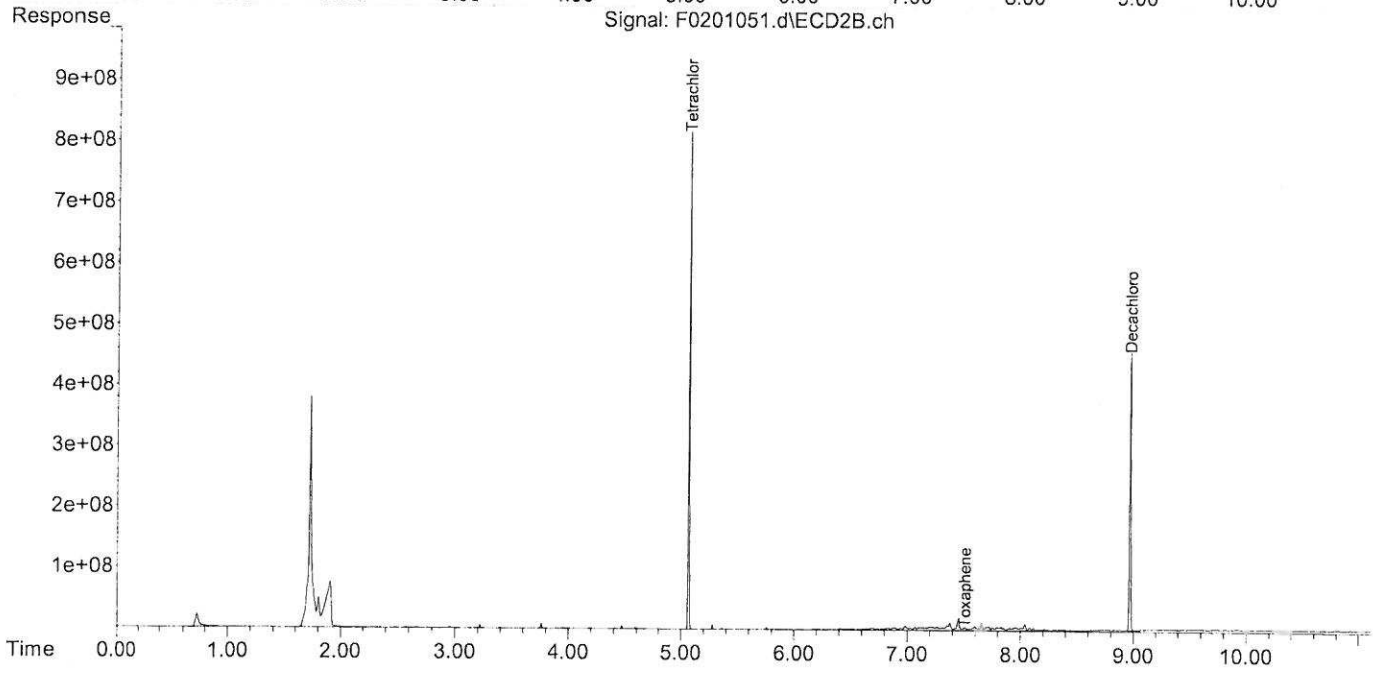
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201051.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:26 am
Operator : JMB
Sample : S001743-CCV8 Inst : ECD 6
Misc : TOX 500
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:24:16 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201052.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/02/12
Lab Sample ID:	S001743-CCV9	Injection Time:	00:42

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane	A	200	211					15
Chlordane [2C]	A	200	259					15
Decachlorobiphenyl	A	200	194	8670293	8431000		-2.8	
Decachlorobiphenyl [2C]	A	200	190	8147007	7747000		-4.9	
Tetrachloro-m-xylene	A	200	219	9589208	1.048E+07		9.3	
Tetrachloro-m-xylene [2C]	A	200	212	1.048983E+07	1.1118E+07		6.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201052.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:42 am
Operator : JMB
Sample : S001743-CCV9 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:24:49 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.889	5.068	2096.0E6	2223.6E6	218.586	211.995
	Spiked Amount	200.000	Range 60 - 300	Recovery =		109.29%	106.00%
24) S	Decachlor...	8.448	8.970	1686.2E6	1549.4E6	194.489	190.186
	Spiked Amount	200.000	Range 60 - 300	Recovery =		97.24%	95.09%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	5.580	5.824	90270916	103.9E6	207.763	247.789
26) L8	Chlordane{2}	5.627	5.917	118.8E6	164.0E6	199.164	279.351 #
27) L8	Chlordane{3}	5.888	6.231	84091576	123.7E6	185.368	287.767 #
28) L8	Chlordane{4}	6.258	6.723	310.9E6	271.5E6	211.537	242.764
29) L8	Chlordane{5}	6.339	6.759	567.1E6	261.8E6	252.729	237.369
	Sum Chlordane			1171.2E6	924.9E6	1056.562	1295.040
	Average Chlordane					211.312	259.008
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

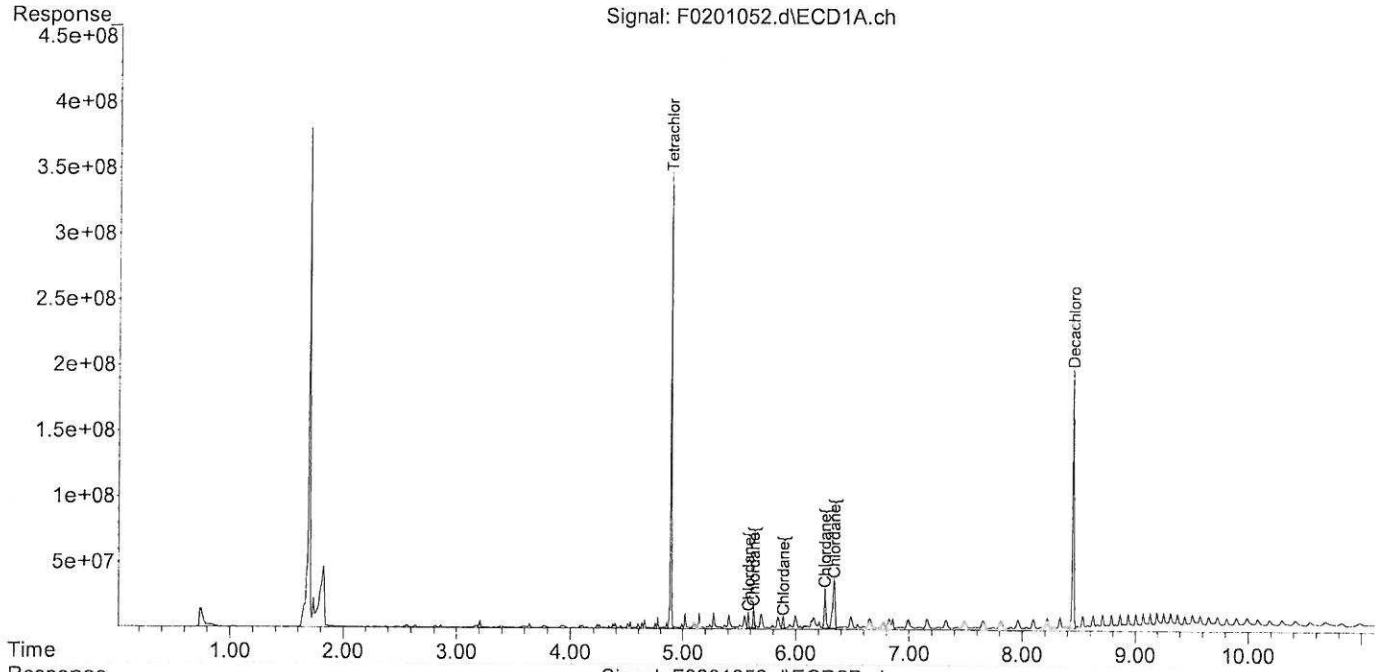
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

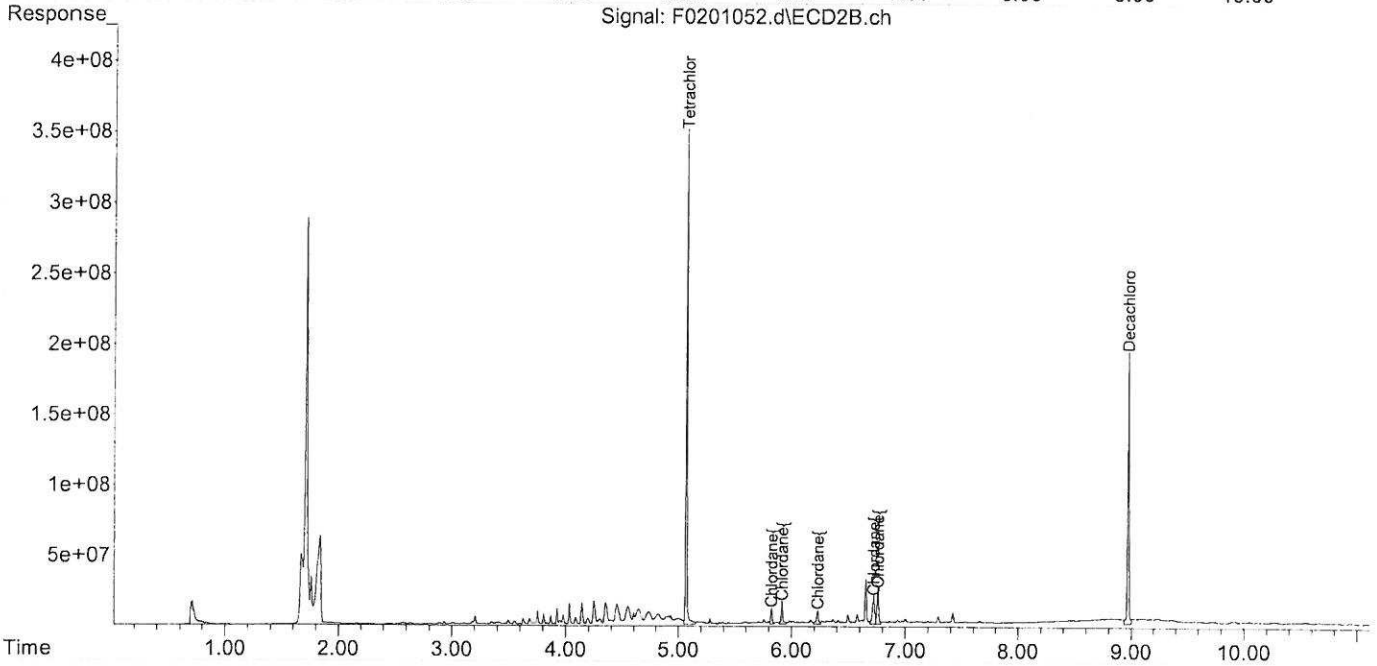
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201052.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:42 am
Operator : JMB
Sample : S001743-CCV9 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:24:49 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201053.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/02/12
Lab Sample ID:	S001743-CCVA	Injection Time:	00:59

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
alpha-Chlordane	A	100	103	1.086089E+07	1.1238E+07		3.5	15	
alpha-Chlordane [2C]	A	100	105	1.129676E+07	1.1839E+07		4.8	15	
gamma-Chlordane	A	100	104	1.106332E+07	1.1508E+07		4.0	15	
gamma-Chlordane [2C]	A	100	105	1.166252E+07	1.225E+07		5.0	15	
Alachlor	L	100	102	1395048	1258000		1.9	15	
Alachlor [2C]	L	100	103	1617417	1469000		2.8	15	
Aldrin	A	100	104	1.162216E+07	1.2076E+07		3.9	15	
Aldrin [2C]	A	100	104	1.188221E+07	1.2393E+07		4.3	15	
alpha-BHC	A	100	107	1.368418E+07	1.4698E+07		7.4	15	
alpha-BHC [2C]	A	100	102	1.291196E+07	1.3226E+07		2.4	15	
beta-BHC	A	100	103	5169765	5343000		3.4	15	
beta-BHC [2C]	A	100	99.5	5474764	5446000		-0.5	15	
delta-BHC	A	100	109	1.288149E+07	1.4083E+07		9.3	15	
delta-BHC [2C]	A	100	106	1.340495E+07	1.4249E+07		6.3	15	
gamma-BHC (Lindane)	A	100	109	1.322341E+07	1.438E+07		8.7	15	
gamma-BHC (Lindane) [2C]	A	100	104	1.3289E+07	1.386E+07		4.3	15	
4,4'-DDD	A	100	111	8590658	9518000		10.8	15	
4,4'-DDD [2C]	A	100	113	8871809	1.0016E+07		12.9	15	
4,4'-DDE	A	100	109	1.018584E+07	1.106E+07		8.6	15	
4,4'-DDE [2C]	A	100	109	1.084747E+07	1.1861E+07		9.3	15	
4,4'-DDT	A	100	125	7782837	9755000		25.3	15	*
4,4'-DDT [2C]	A	100	114	8868579	1.0138E+07		14.3	15	
Dieldrin	A	100	104	1.089257E+07	1.135E+07		4.2	15	
Dieldrin [2C]	A	100	107	1.119329E+07	1.1974E+07		7.0	15	
Endosulfan I	A	100	99.9	1.020892E+07	1.0196E+07		-0.1	15	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201053.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/02/12
Lab Sample ID:	S001743-CCVA	Injection Time:	00:59

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endosulfan I [2C]	A	100	103	1.024441E+07	1.0551E+07		3.0	15	
Endosulfan II	A	100	103	9425058	9682000		2.7	15	
Endosulfan II [2C]	A	100	105	9714701	1.018E+07		4.8	15	
Endosulfan Sulfate	A	100	103	8535782	8799000		3.1	15	
Endosulfan Sulfate [2C]	A	100	103	8887014	9117000		2.6	15	
Endrin	A	100	108	1.002349E+07	1.0807E+07		7.8	15	
Endrin [2C]	A	100	111	1.009993E+07	1.1164E+07		10.5	15	
Endrin Aldehyde	A	100	92.2	8664572	7992000		-7.8	15	
Endrin Aldehyde [2C]	A	100	100	8237591	8269000		0.4	15	
Endrin Ketone	A	100	98.8	1.085328E+07	1.0725E+07		-1.2	15	
Endrin Ketone [2C]	A	100	98.4	1.097385E+07	1.0795E+07		-1.6	15	
Heptachlor	A	100	105	1.223172E+07	1.2796E+07		4.6	15	
Heptachlor [2C]	A	100	103	1.239239E+07	1.2794E+07		3.2	15	
Heptachlor Epoxide	A	100	100	1.073191E+07	1.0785E+07		0.5	15	
Heptachlor Epoxide [2C]	A	100	102	1.105778E+07	1.1241E+07		1.7	15	
Hexachlorobenzene	A	100	102	1.050206E+07	1.0706E+07		1.9	15	
Hexachlorobenzene [2C]	A	100	97.1	9119072	8857000		-2.9	15	
Methoxychlor	A	100	116	3954861	4594000		16.2	15	*
Methoxychlor [2C]	A	100	104	4397914	4570000		3.9	15	
Decachlorobiphenyl	A	100	90.7	8670293	7865000		-9.3		
Decachlorobiphenyl [2C]	A	100	96.8	8147007	7884000		-3.2		
Tetrachloro-m-xylene	A	100	103	9589208	9918000		3.4		
Tetrachloro-m-xylene [2C]	A	100	99.0	1.048983E+07	1.0379E+07		-1.1		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201053.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:59 am
Operator : JMB
Sample : S001743-CCVA Inst : ECD 6
Misc : PEST 100
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:26:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.889	5.067	991.8E6	1037.9E6	103.431	98.955
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 51.72%#	49.48%#
24) S	Decachlor...	8.448	8.970	786.5E6	788.4E6	90.710	96.776
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 45.35%#	48.39%#
	Target Compounds						
2) T	Hexachlor...	5.096	5.339	1070.6E6	885.7E6	101.937	97.118
3) T	alpha-BHC	5.187	5.423	1469.8E6	1322.6E6	107.418	102.434
4) T	gamma-BHC	5.360	5.638	1438.0E6	1386.0E6	108.754	104.294
5) T	Beta-BHC	5.412	5.692	534.3E6	544.6E6	103.338	99.475
6) T	Delta-BHC	5.510	5.877	1408.3E6	1424.9E6	109.330	106.300
7) T	Heptachlor	5.627	5.917	1279.6E6	1279.4E6	104.613	103.238
8) T	Aldrin	5.802	6.128	1207.6E6	1239.3E6	103.907	104.298
9) T	Alachlor	5.901	6.064	125.8E6	146.9E6	101.874	102.810
10) T	Heptachlo...	6.177	6.520	1078.5E6	1124.1E6	100.500	101.648
11) T	Y-Chlordane	6.258	6.654	1150.8E6	1225.0E6	104.021	105.047
12) T	A-Chlordane	6.344	6.759	1123.8E6	1183.9E6	103.475	104.802
13) T	4,4-DDE	6.407	6.889	1106.0E6	1186.1E6	108.588	109.360
14) T	Endo-I	6.429	6.798	1019.6E6	1055.1E6	99.870	103.000
15) T	Dieldrin	6.590	6.997	1135.0E6	1197.4E6	104.193	106.974
16) T	Endrin	6.746	7.223	1080.7E6	1116.4E6	107.811	110.532
17) T	4,4-DDD	6.813	7.322	951.8E6	1001.6E6	110.789	112.894
18) T	Endo-II	6.902	7.385	968.2E6	1018.0E6	102.728	104.787
19) T	4,4-DDT	7.011	7.563	975.5E6	1013.8E6	125.348	114.308
20) T	Endrin Al...	7.204	7.645	799.2E6	826.9E6	92.235	100.384
21) T	Methoxychlor	7.382	8.098	459.4E6	457.0E6	116.167	103.925
22) T	End Sulf	7.524	7.863	879.9E6	911.7E6	103.085	102.589
23) T	Endrin Ke...	7.729	8.240	1072.5E6	1079.5E6	98.822	98.364
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

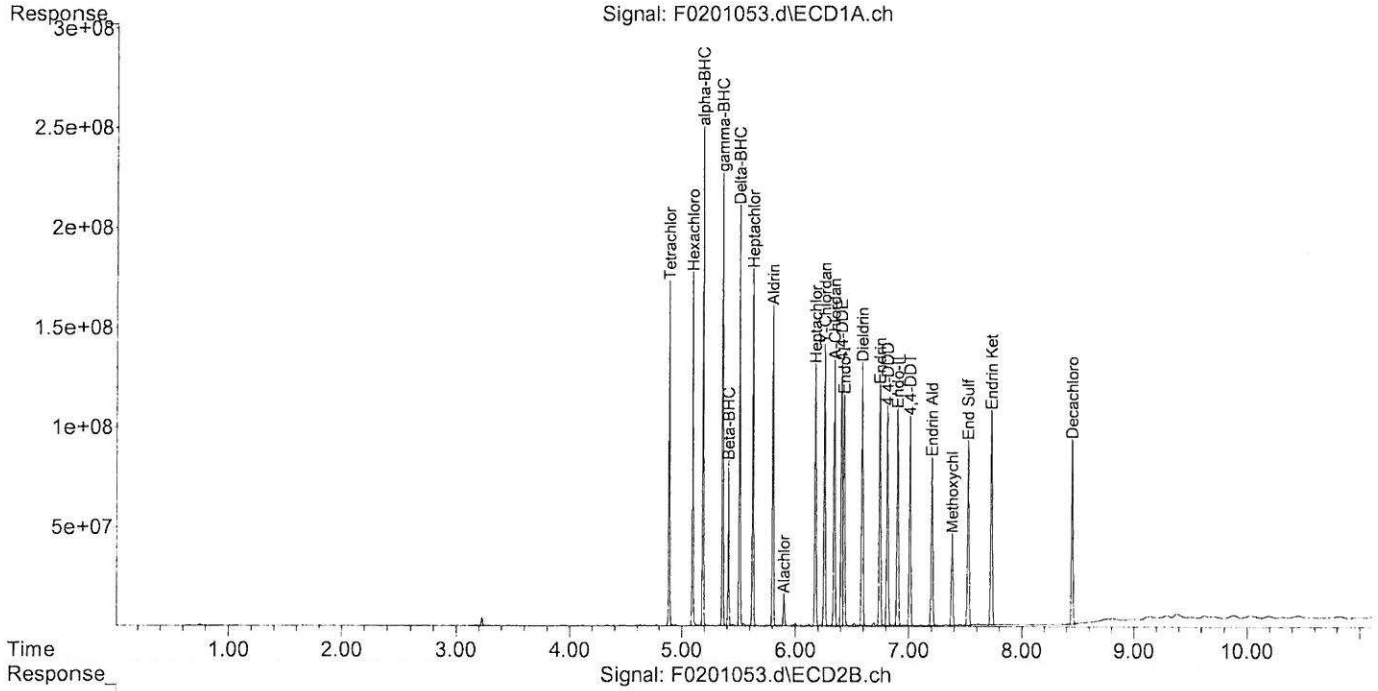
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

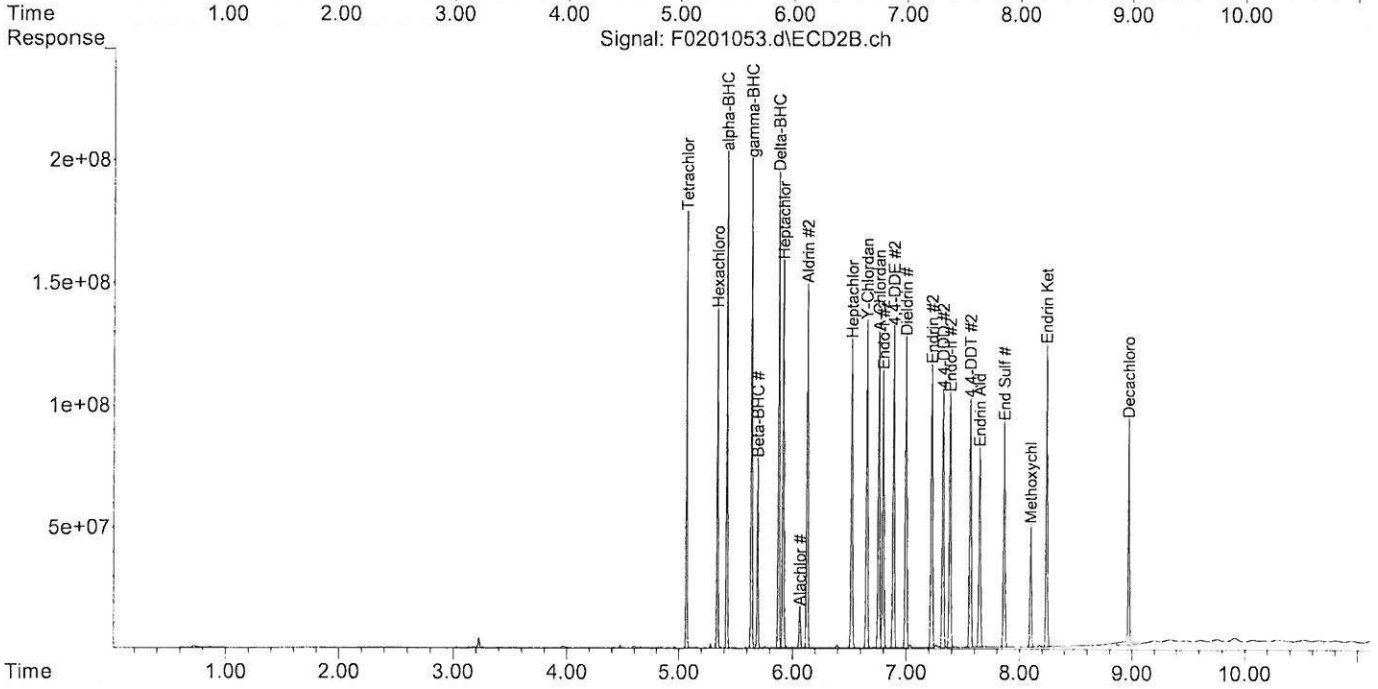
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201053.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:59 am
Operator : JMB
Sample : S001743-CCVA Inst : ECD 6
Misc : PEST 100
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:26:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BLK1	File ID:	F0201028.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:02
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor		0.0011	0.020	
309-00-2	Aldrin		0.00050	0.0050	
319-84-6	alpha-BHC		0.00060	0.0050	
319-85-7	beta-BHC		0.00090	0.0050	
319-86-8	delta-BHC		0.00070	0.0050	
58-89-9	gamma-BHC (Lindane)		0.00080	0.0020	
57-74-9	Chlordane		0.0028	0.020	
72-54-8	4,4'-DDD		0.00010	0.0040	
72-55-9	4,4'-DDE		0.00010	0.0040	
50-29-3	4,4'-DDT		0.00010	0.0040	
60-57-1	Dieldrin		0.00010	0.0040	
959-98-8	Endosulfan I		0.00080	0.0050	
33213-65-9	Endosulfan II		0.0010	0.0080	
1031-07-8	Endosulfan Sulfate		0.0013	0.0080	
72-20-8	Endrin		0.00020	0.0080	
7421-93-4	Endrin Aldehyde		0.0011	0.0080	
53494-70-5	Endrin Ketone		0.0012	0.0080	
76-44-8	Heptachlor		0.00050	0.0050	
1024-57-3	Heptachlor Epoxide		0.00060	0.0050	
118-74-1	Hexachlorobenzene		0.0014	0.0050	
72-43-5	Methoxychlor		0.00030	0.050	
8001-35-2	Toxaphene		0.0088	0.10	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:02 pm
Operator : JMB
Sample : B045472-BLK1@SEP Inst : ECD 6
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:09:54 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.896	5.074	1795.0E6	1858.1E6	187.194	177.142
	Spiked Amount	200.000	Range 60 - 300	Recovery =		93.60%	88.57%
24) S	Decachlor...	8.454	8.975	1582.3E6	1517.6E6	182.497	186.291
	Spiked Amount	200.000	Range 60 - 300	Recovery =		91.25%	93.15%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

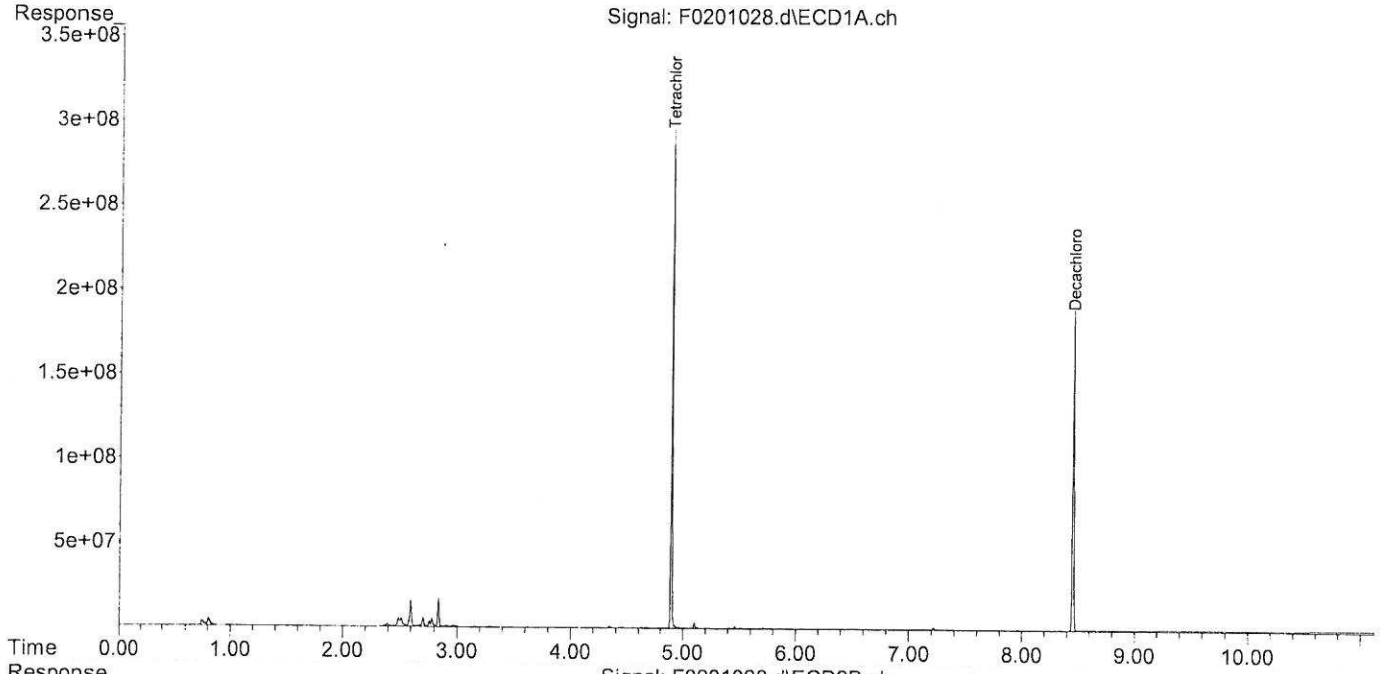
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

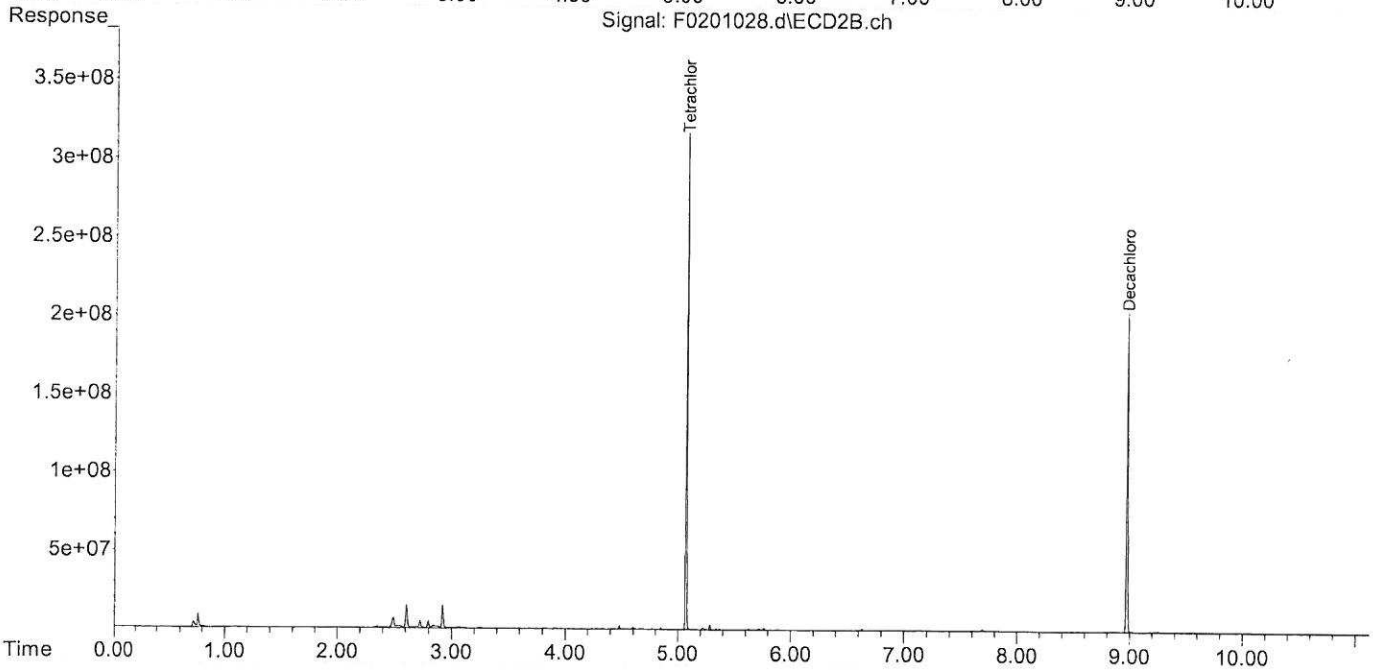
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:02 pm
Operator : JMB
Sample : B045472-BLK1@SEP Inst : ECD 6
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:09:54 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BLK1	File ID:	F0201028.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:02
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor [2C]		0.0011	0.020	
309-00-2	Aldrin [2C]		0.00050	0.0050	
319-84-6	alpha-BHC [2C]		0.00060	0.0050	
319-85-7	beta-BHC [2C]		0.00090	0.0050	
319-86-8	delta-BHC [2C]		0.00070	0.0050	
58-89-9	gamma-BHC (Lindane) [2C]		0.00080	0.0020	
57-74-9	Chlordane [2C]		0.0028	0.020	
72-54-8	4,4'-DDD [2C]		0.00010	0.0040	
72-55-9	4,4'-DDE [2C]		0.00010	0.0040	
50-29-3	4,4'-DDT [2C]		0.00010	0.0040	
60-57-1	Dieldrin [2C]		0.00010	0.0040	
959-98-8	Endosulfan I [2C]		0.00080	0.0050	
33213-65-9	Endosulfan II [2C]		0.0010	0.0080	
1031-07-8	Endosulfan Sulfate [2C]		0.0013	0.0080	
72-20-8	Endrin [2C]		0.00020	0.0080	
7421-93-4	Endrin Aldehyde [2C]		0.0011	0.0080	
53494-70-5	Endrin Ketone [2C]		0.0012	0.0080	
76-44-8	Heptachlor [2C]		0.00050	0.0050	
1024-57-3	Heptachlor Epoxide [2C]		0.00060	0.0050	
118-74-1	Hexachlorobenzene [2C]		0.0014	0.0050	
72-43-5	Methoxychlor [2C]		0.00030	0.050	
8001-35-2	Toxaphene [2C]		0.0088	0.10	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:02 pm
Operator : JMB
Sample : B045472-BLK1@SEP Inst : ECD 6
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:09:54 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.896	5.074	1795.0E6	1858.1E6	187.194	177.142
	Spiked Amount	200.000	Range 60 - 300	Recovery =		93.60%	88.57%
24) S	Decachlor...	8.454	8.975	1582.3E6	1517.6E6	182.497	186.291
	Spiked Amount	200.000	Range 60 - 300	Recovery =		91.25%	93.15%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

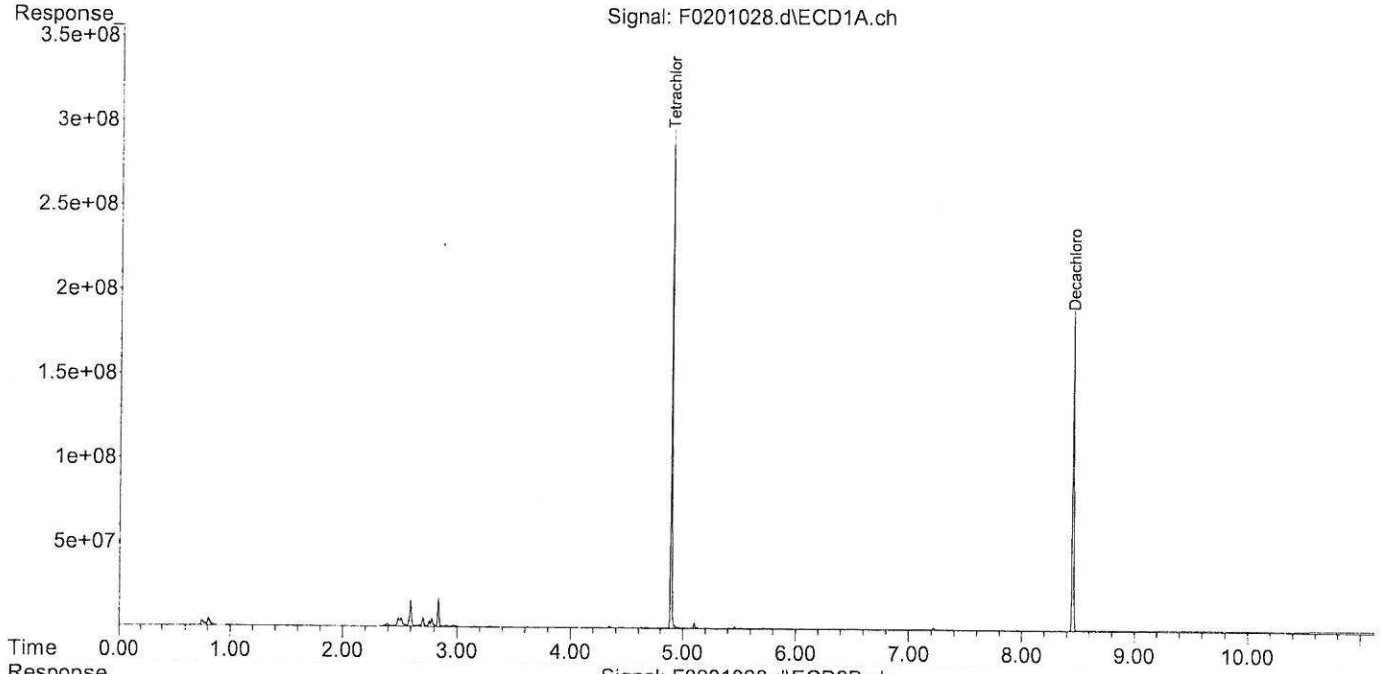
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

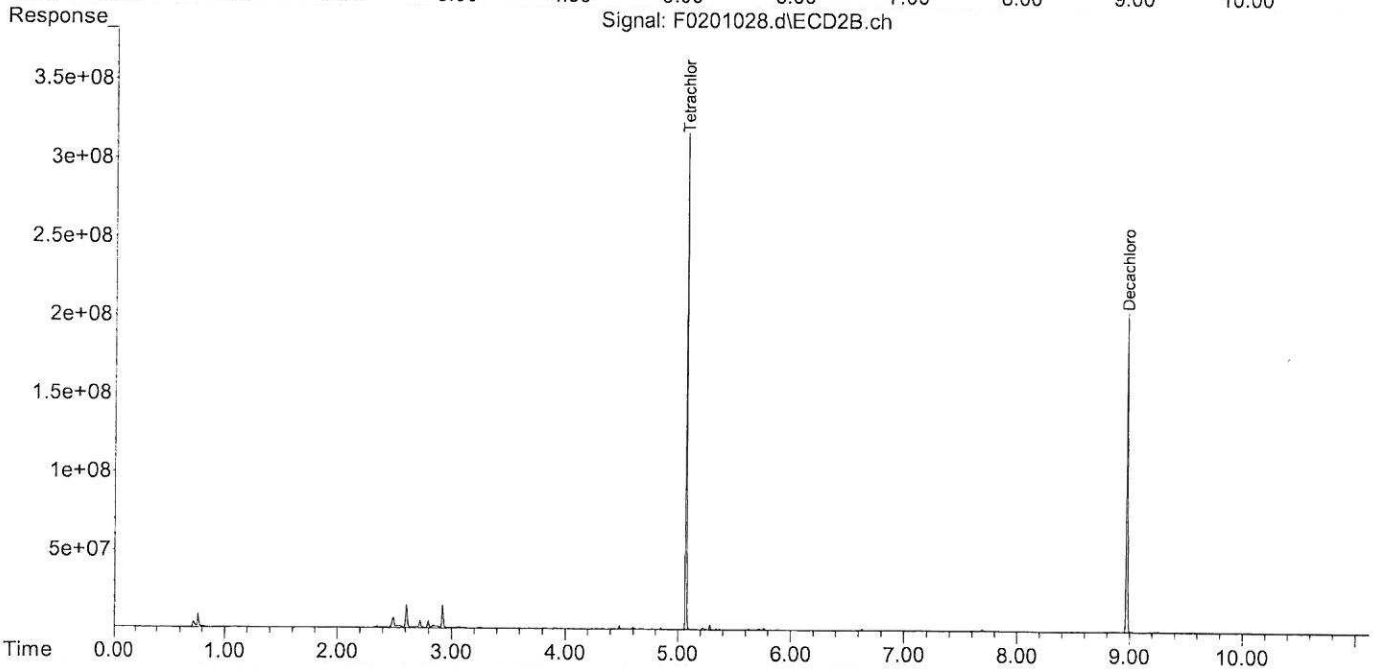
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:02 pm
Operator : JMB
Sample : B045472-BLK1@SEP Inst : ECD 6
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:09:54 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BS1	File ID:	F0201029.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:19
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor	0.018	0.0011	0.020	
309-00-2	Aldrin	0.020	0.00050	0.0050	
319-84-6	alpha-BHC	0.019	0.00060	0.0050	
319-85-7	beta-BHC	0.020	0.00090	0.0050	
319-86-8	delta-BHC	0.019	0.00070	0.0050	
58-89-9	gamma-BHC (Lindane)	0.019	0.00080	0.0020	
72-54-8	4,4'-DDD	0.020	0.00010	0.0040	
72-55-9	4,4'-DDE	0.020	0.00010	0.0040	
50-29-3	4,4'-DDT	0.021	0.00010	0.0040	
60-57-1	Dieldrin	0.021	0.00010	0.0040	
959-98-8	Endosulfan I	0.020	0.00080	0.0050	
33213-65-9	Endosulfan II	0.020	0.0010	0.0080	
1031-07-8	Endosulfan Sulfate	0.020	0.0013	0.0080	
72-20-8	Endrin	0.020	0.00020	0.0080	
7421-93-4	Endrin Aldehyde	0.015	0.0011	0.0080	
53494-70-5	Endrin Ketone	0.019	0.0012	0.0080	
76-44-8	Heptachlor	0.020	0.00050	0.0050	
1024-57-3	Heptachlor Epoxide	0.020	0.00060	0.0050	
118-74-1	Hexachlorobenzene	0.020	0.0014	0.0050	
72-43-5	Methoxychlor	0.021	0.00030	0.050	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201029.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:19 pm
Operator : JMB
Sample : B045472-BS1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.893	5.071	1711.1E6	1745.4E6	178.445	166.398
	Spiked Amount	200.000	Range 60 - 300	Recovery =		89.22%	83.20%
24)	S Decachlor...	8.452	8.973	1514.5E6	1449.9E6	174.681	177.979
	Spiked Amount	200.000	Range 60 - 300	Recovery =		87.34%	88.99%
	Target Compounds						
2)	T Hexachlor...	5.100	5.343	206.7E6	168.5E6	19.677	18.480
3)	T alpha-BHC	5.191	5.427	257.8E6	239.7E6	18.837	18.561
4)	T gamma-BHC	5.364	5.642	247.7E6	250.3E6	18.731	18.834
5)	T Beta-BHC	5.416	5.696	103.8E6	104.1E6	20.085	19.010
6)	T Delta-BHC	5.514	5.881	241.6E6	242.2E6	18.759	18.071
7)	T Heptachlor	5.631	5.921	242.8E6	248.2E6	19.853	20.030
8)	T Aldrin	5.807	6.133	234.7E6	240.0E6	20.198	20.195
9)	T Alachlor	5.906	6.069	26200853	31162979	18.406	18.818
10)	T Heptachlo...	6.182	6.524	213.3E6	221.5E6	19.879	20.028
11)	T Y-Chlordane	6.263	6.659	213.2E6	225.1E6	19.272	19.304
12)	T A-Chlordane	6.349	6.764	212.1E6	220.7E6	19.529	19.532
13)	T 4,4-DDE	6.412	6.893	202.3E6	218.1E6	19.857	20.109
14)	T Endo-I	6.435	6.802	204.6E6	205.4E6	20.045	20.048
15)	T Dieldrin	6.595	7.002	223.7E6	231.4E6	20.531	20.673
16)	T Endrin	6.751	7.227	203.8E6	207.3E6	20.331	20.527
17)	T 4,4-DDD	6.819	7.327	168.7E6	175.4E6	19.641	19.769
18)	T Endo-II	6.908	7.389	186.9E6	192.6E6	19.834	19.823
19)	T 4,4-DDT	7.016	7.567	164.2E6	182.1E6	21.100	20.535
20)	T Endrin Al...	7.210	7.650	130.0E6	127.8E6	15.002	15.512
21)	T Methoxychlor	7.388	8.103	83606157	90138551	21.141	20.496
22)	T End Sulf	7.529	7.867	169.2E6	177.2E6	19.818	19.939
23)	T Endrin Ke...	7.735	8.245	208.9E6	210.9E6	19.248	19.215
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

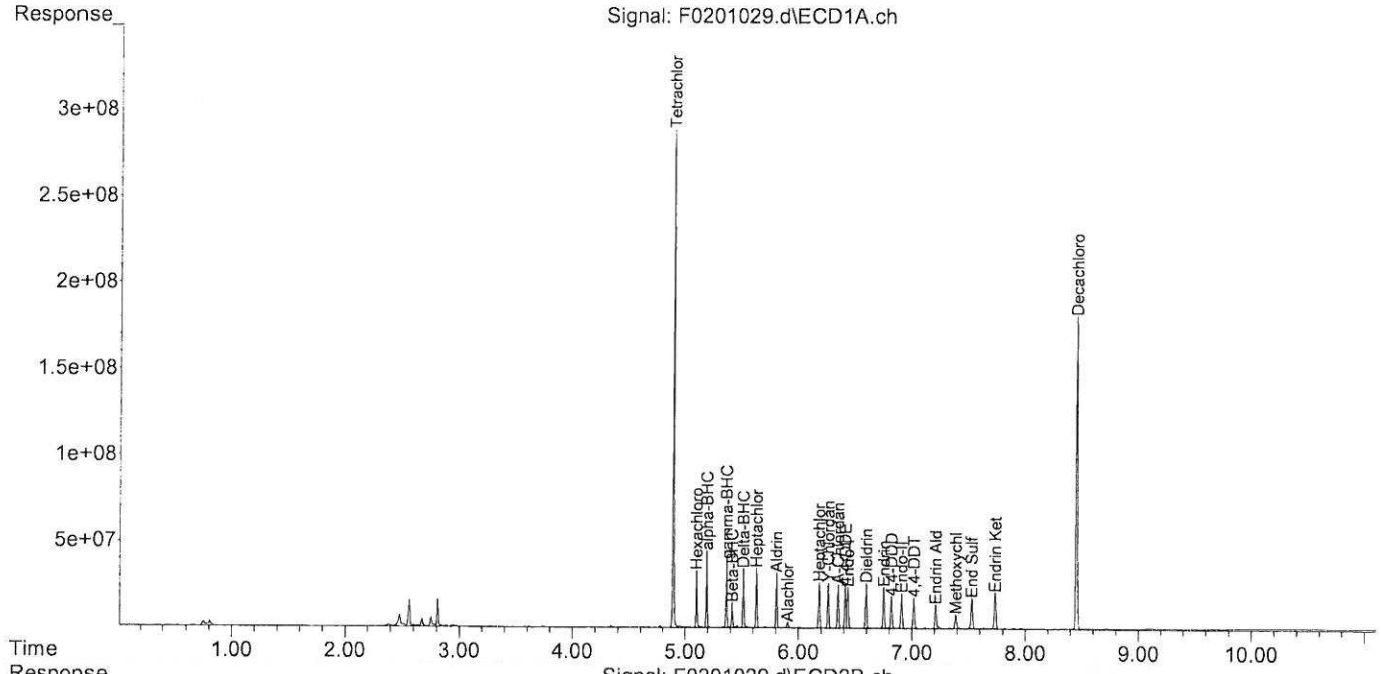
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

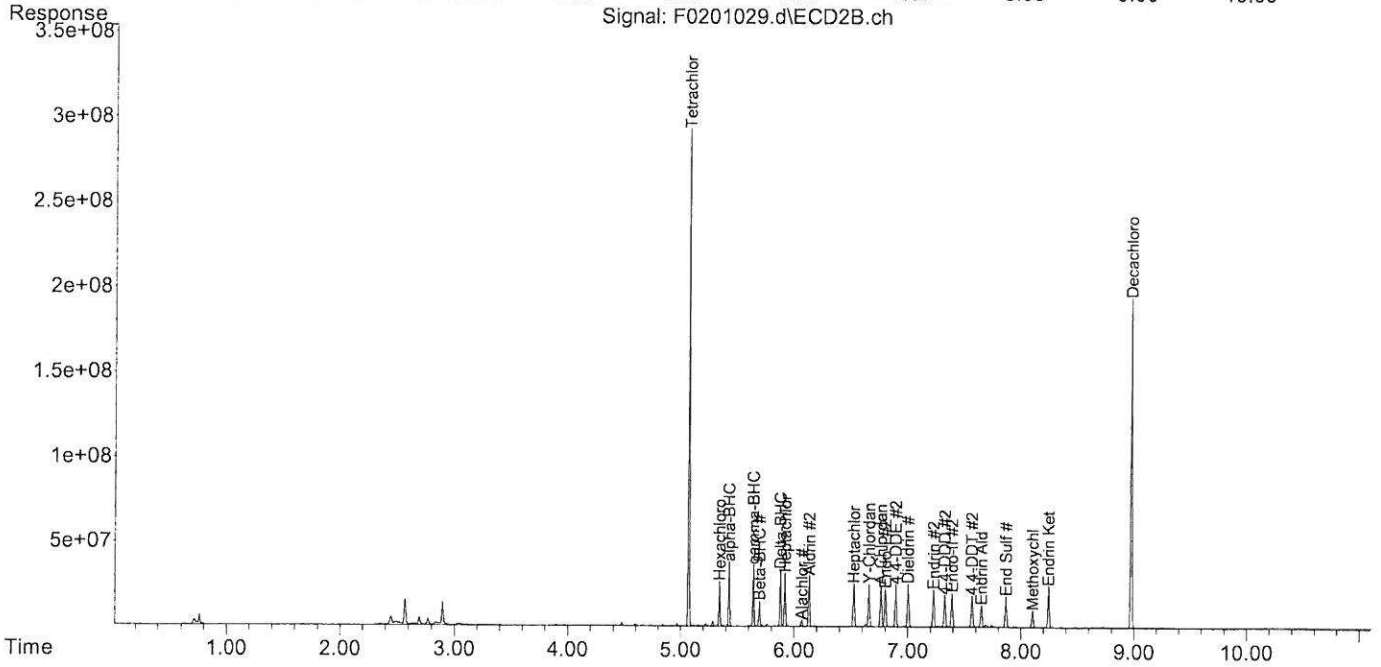
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201029.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:19 pm
Operator : JMB
Sample : B045472-BS1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BS1	File ID:	F0201029.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:19
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor [2C]	0.019	0.0011	0.020	
309-00-2	Aldrin [2C]	0.020	0.00050	0.0050	
319-84-6	alpha-BHC [2C]	0.019	0.00060	0.0050	
319-85-7	beta-BHC [2C]	0.019	0.00090	0.0050	
319-86-8	delta-BHC [2C]	0.018	0.00070	0.0050	
58-89-9	gamma-BHC (Lindane) [2C]	0.019	0.00080	0.0020	
72-54-8	4,4'-DDD [2C]	0.020	0.00010	0.0040	
72-55-9	4,4'-DDE [2C]	0.020	0.00010	0.0040	
50-29-3	4,4'-DDT [2C]	0.021	0.00010	0.0040	
60-57-1	Dieldrin [2C]	0.021	0.00010	0.0040	
959-98-8	Endosulfan I [2C]	0.020	0.00080	0.0050	
33213-65-9	Endosulfan II [2C]	0.020	0.0010	0.0080	
1031-07-8	Endosulfan Sulfate [2C]	0.020	0.0013	0.0080	
72-20-8	Endrin [2C]	0.021	0.00020	0.0080	
7421-93-4	Endrin Aldehyde [2C]	0.016	0.0011	0.0080	
53494-70-5	Endrin Ketone [2C]	0.019	0.0012	0.0080	
76-44-8	Heptachlor [2C]	0.020	0.00050	0.0050	
1024-57-3	Heptachlor Epoxide [2C]	0.020	0.00060	0.0050	
118-74-1	Hexachlorobenzene [2C]	0.018	0.0014	0.0050	
72-43-5	Methoxychlor [2C]	0.020	0.00030	0.050	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201029.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:19 pm
Operator : JMB
Sample : B045472-BS1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.893	5.071	1711.1E6	1745.4E6	178.445	166.398
	Spiked Amount	200.000	Range 60 - 300	Recovery =		89.22%	83.20%
24)	S Decachlor...	8.452	8.973	1514.5E6	1449.9E6	174.681	177.979
	Spiked Amount	200.000	Range 60 - 300	Recovery =		87.34%	88.99%
	Target Compounds						
2)	T Hexachlor...	5.100	5.343	206.7E6	168.5E6	19.677	18.480
3)	T alpha-BHC	5.191	5.427	257.8E6	239.7E6	18.837	18.561
4)	T gamma-BHC	5.364	5.642	247.7E6	250.3E6	18.731	18.834
5)	T Beta-BHC	5.416	5.696	103.8E6	104.1E6	20.085	19.010
6)	T Delta-BHC	5.514	5.881	241.6E6	242.2E6	18.759	18.071
7)	T Heptachlor	5.631	5.921	242.8E6	248.2E6	19.853	20.030
8)	T Aldrin	5.807	6.133	234.7E6	240.0E6	20.198	20.195
9)	T Alachlor	5.906	6.069	26200853	31162979	18.406	18.818
10)	T Heptachlo...	6.182	6.524	213.3E6	221.5E6	19.879	20.028
11)	T Y-Chlordane	6.263	6.659	213.2E6	225.1E6	19.272	19.304
12)	T A-Chlordane	6.349	6.764	212.1E6	220.7E6	19.529	19.532
13)	T 4,4-DDE	6.412	6.893	202.3E6	218.1E6	19.857	20.109
14)	T Endo-I	6.435	6.802	204.6E6	205.4E6	20.045	20.048
15)	T Dieldrin	6.595	7.002	223.7E6	231.4E6	20.531	20.673
16)	T Endrin	6.751	7.227	203.8E6	207.3E6	20.331	20.527
17)	T 4,4-DDD	6.819	7.327	168.7E6	175.4E6	19.641	19.769
18)	T Endo-II	6.908	7.389	186.9E6	192.6E6	19.834	19.823
19)	T 4,4-DDT	7.016	7.567	164.2E6	182.1E6	21.100	20.535
20)	T Endrin Al...	7.210	7.650	130.0E6	127.8E6	15.002	15.512
21)	T Methoxychlor	7.388	8.103	83606157	90138551	21.141	20.496
22)	T End Sulf	7.529	7.867	169.2E6	177.2E6	19.818	19.939
23)	T Endrin Ke...	7.735	8.245	208.9E6	210.9E6	19.248	19.215
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

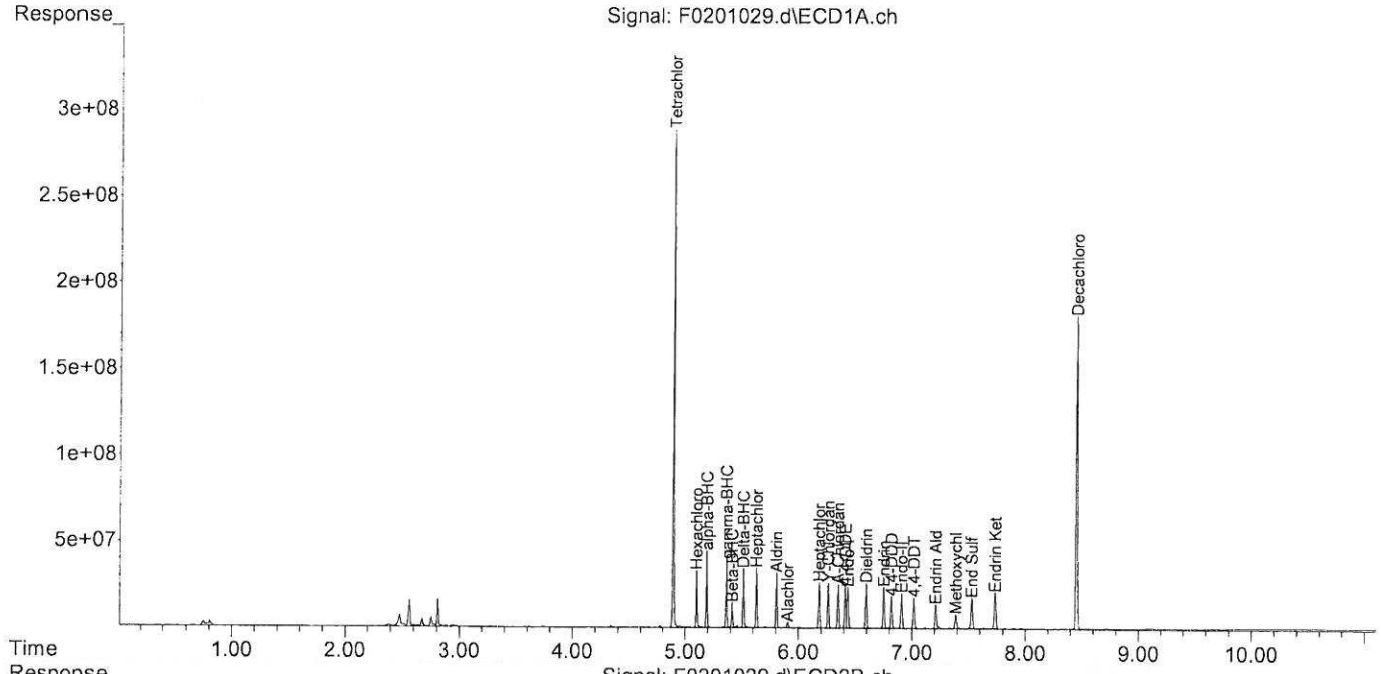
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

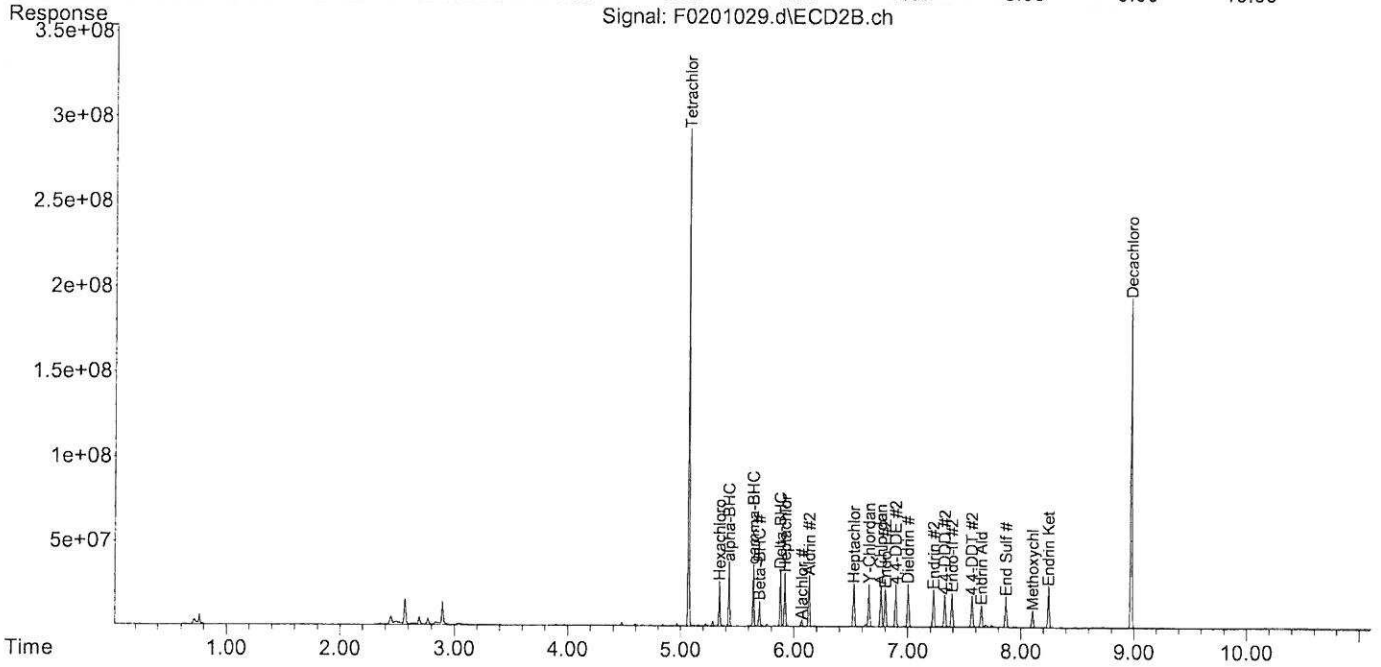
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201029.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:19 pm
Operator : JMB
Sample : B045472-BS1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BSD1	File ID:	F0201030.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:36
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor	0.016	0.0011	0.020	
309-00-2	Aldrin	0.018	0.00050	0.0050	
319-84-6	alpha-BHC	0.017	0.00060	0.0050	
319-85-7	beta-BHC	0.018	0.00090	0.0050	
319-86-8	delta-BHC	0.017	0.00070	0.0050	
58-89-9	gamma-BHC (Lindane)	0.017	0.00080	0.0020	
72-54-8	4,4'-DDD	0.018	0.00010	0.0040	
72-55-9	4,4'-DDE	0.018	0.00010	0.0040	
50-29-3	4,4'-DDT	0.019	0.00010	0.0040	
60-57-1	Dieldrin	0.019	0.00010	0.0040	
959-98-8	Endosulfan I	0.018	0.00080	0.0050	
33213-65-9	Endosulfan II	0.018	0.0010	0.0080	
1031-07-8	Endosulfan Sulfate	0.018	0.0013	0.0080	
72-20-8	Endrin	0.018	0.00020	0.0080	
7421-93-4	Endrin Aldehyde	0.014	0.0011	0.0080	
53494-70-5	Endrin Ketone	0.017	0.0012	0.0080	
76-44-8	Heptachlor	0.018	0.00050	0.0050	
1024-57-3	Heptachlor Epoxide	0.018	0.00060	0.0050	
118-74-1	Hexachlorobenzene	0.018	0.0014	0.0050	
72-43-5	Methoxychlor	0.019	0.00030	0.050	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:36 pm
Operator : JMB
Sample : B045472-BSD1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.893	5.070	1584.1E6	1678.4E6	165.207	160.012
	Spiked Amount	200.000	Range 60 - 300	Recovery =		82.60%	80.01%
24) S	Decachlor...	8.451	8.972	1397.6E6	1334.4E6	161.201	163.798
	Spiked Amount	200.000	Range 60 - 300	Recovery =		80.60%	81.90%
	Target Compounds						
2) T	Hexachlor...	5.099	5.342	184.5E6	151.1E6	17.565	16.566
3) T	alpha-BHC	5.190	5.426	236.4E6	218.6E6	17.279	16.933
4) T	gamma-BHC	5.363	5.642	224.4E6	223.4E6	16.969	16.808
5) T	Beta-BHC	5.415	5.695	90671844	94668117	17.538	17.293
6) T	Delta-BHC	5.514	5.880	217.8E6	222.9E6	16.911	16.625
7) T	Heptachlor	5.631	5.920	220.0E6	225.1E6	17.986	18.167
8) T	Aldrin	5.806	6.132	212.0E6	216.6E6	18.238	18.232
9) T	Alachlor	5.905	6.067	23803584	28350827	16.397	16.777
10) T	Heptachlo...	6.181	6.523	193.7E6	199.8E6	18.045	18.064
11) T	Y-Chlordane	6.262	6.658	192.2E6	203.3E6	17.373	17.431
12) T	A-Chlordane	6.348	6.763	191.0E6	198.3E6	17.584	17.556
13) T	4,4-DDE	6.412	6.892	181.9E6	195.7E6	17.858	18.041
14) T	Endo-I	6.434	6.801	183.5E6	185.3E6	17.970	18.088
15) T	Dieldrin	6.595	7.001	201.6E6	207.6E6	18.507	18.551
16) T	Endrin	6.751	7.227	183.6E6	186.3E6	18.318	18.444
17) T	4,4-DDD	6.818	7.326	151.7E6	156.9E6	17.658	17.690
18) T	Endo-II	6.907	7.388	167.5E6	173.5E6	17.775	17.854
19) T	4,4-DDT	7.016	7.566	145.2E6	163.3E6	18.661	18.410
20) T	Endrin Al...	7.209	7.650	118.4E6	116.5E6	13.667	14.144
21) T	Methoxychlor	7.387	8.101	75085778	81980534	18.986	18.641
22) T	End Sulf	7.529	7.867	152.6E6	159.6E6	17.880	17.964
23) T	Endrin Ke...	7.735	8.243	185.5E6	189.5E6	17.096	17.266
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

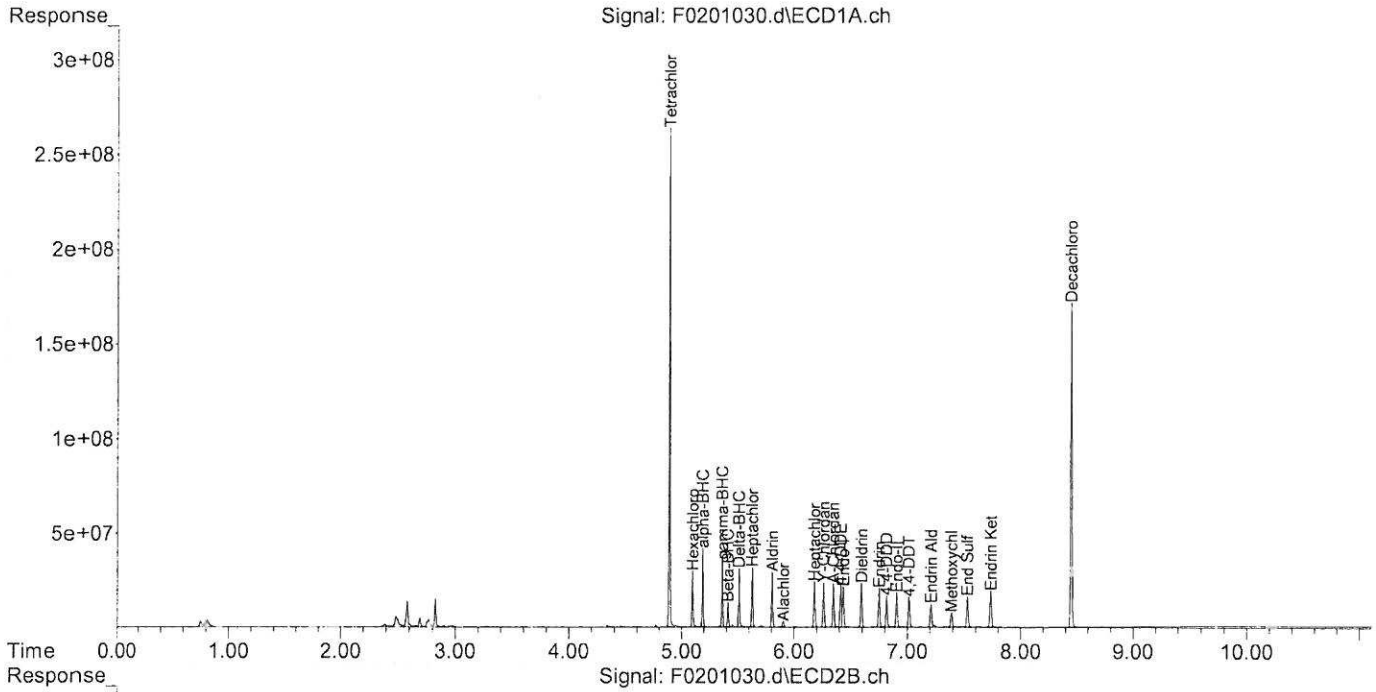
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

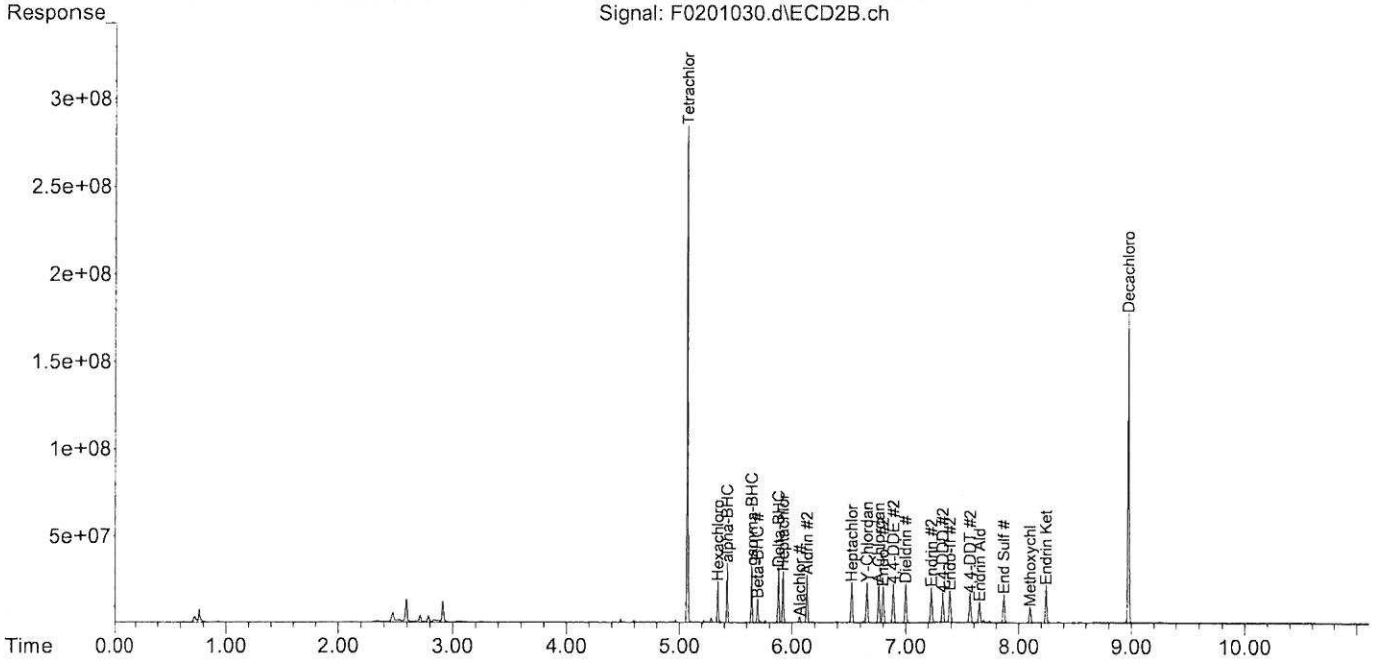
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:36 pm
Operator : JMB
Sample : B045472-BSD1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BSD1	File ID:	F0201030.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:36
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor [2C]	0.017	0.0011	0.020	
309-00-2	Aldrin [2C]	0.018	0.00050	0.0050	
319-84-6	alpha-BHC [2C]	0.017	0.00060	0.0050	
319-85-7	beta-BHC [2C]	0.017	0.00090	0.0050	
319-86-8	delta-BHC [2C]	0.017	0.00070	0.0050	
58-89-9	gamma-BHC (Lindane) [2C]	0.017	0.00080	0.0020	
72-54-8	4,4'-DDD [2C]	0.018	0.00010	0.0040	
72-55-9	4,4'-DDE [2C]	0.018	0.00010	0.0040	
50-29-3	4,4'-DDT [2C]	0.018	0.00010	0.0040	
60-57-1	Dieldrin [2C]	0.019	0.00010	0.0040	
959-98-8	Endosulfan I [2C]	0.018	0.00080	0.0050	
33213-65-9	Endosulfan II [2C]	0.018	0.0010	0.0080	
1031-07-8	Endosulfan Sulfate [2C]	0.018	0.0013	0.0080	
72-20-8	Endrin [2C]	0.018	0.00020	0.0080	
7421-93-4	Endrin Aldehyde [2C]	0.014	0.0011	0.0080	
53494-70-5	Endrin Ketone [2C]	0.017	0.0012	0.0080	
76-44-8	Heptachlor [2C]	0.018	0.00050	0.0050	
1024-57-3	Heptachlor Epoxide [2C]	0.018	0.00060	0.0050	
118-74-1	Hexachlorobenzene [2C]	0.017	0.0014	0.0050	
72-43-5	Methoxychlor [2C]	0.019	0.00030	0.050	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:36 pm
Operator : JMB
Sample : B045472-BSD1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.893	5.070	1584.1E6	1678.4E6	165.207	160.012
	Spiked Amount	200.000	Range 60 - 300	Recovery =		82.60%	80.01%
24) S	Decachlor...	8.451	8.972	1397.6E6	1334.4E6	161.201	163.798
	Spiked Amount	200.000	Range 60 - 300	Recovery =		80.60%	81.90%
	Target Compounds						
2) T	Hexachlor...	5.099	5.342	184.5E6	151.1E6	17.565	16.566
3) T	alpha-BHC	5.190	5.426	236.4E6	218.6E6	17.279	16.933
4) T	gamma-BHC	5.363	5.642	224.4E6	223.4E6	16.969	16.808
5) T	Beta-BHC	5.415	5.695	90671844	94668117	17.538	17.293
6) T	Delta-BHC	5.514	5.880	217.8E6	222.9E6	16.911	16.625
7) T	Heptachlor	5.631	5.920	220.0E6	225.1E6	17.986	18.167
8) T	Aldrin	5.806	6.132	212.0E6	216.6E6	18.238	18.232
9) T	Alachlor	5.905	6.067	23803584	28350827	16.397	16.777
10) T	Heptachlo...	6.181	6.523	193.7E6	199.8E6	18.045	18.064
11) T	Y-Chlordane	6.262	6.658	192.2E6	203.3E6	17.373	17.431
12) T	A-Chlordane	6.348	6.763	191.0E6	198.3E6	17.584	17.556
13) T	4,4-DDE	6.412	6.892	181.9E6	195.7E6	17.858	18.041
14) T	Endo-I	6.434	6.801	183.5E6	185.3E6	17.970	18.088
15) T	Dieldrin	6.595	7.001	201.6E6	207.6E6	18.507	18.551
16) T	Endrin	6.751	7.227	183.6E6	186.3E6	18.318	18.444
17) T	4,4-DDD	6.818	7.326	151.7E6	156.9E6	17.658	17.690
18) T	Endo-II	6.907	7.388	167.5E6	173.5E6	17.775	17.854
19) T	4,4-DDT	7.016	7.566	145.2E6	163.3E6	18.661	18.410
20) T	Endrin Al...	7.209	7.650	118.4E6	116.5E6	13.667	14.144
21) T	Methoxychlor	7.387	8.101	75085778	81980534	18.986	18.641
22) T	End Sulf	7.529	7.867	152.6E6	159.6E6	17.880	17.964
23) T	Endrin Ke...	7.735	8.243	185.5E6	189.5E6	17.096	17.266
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

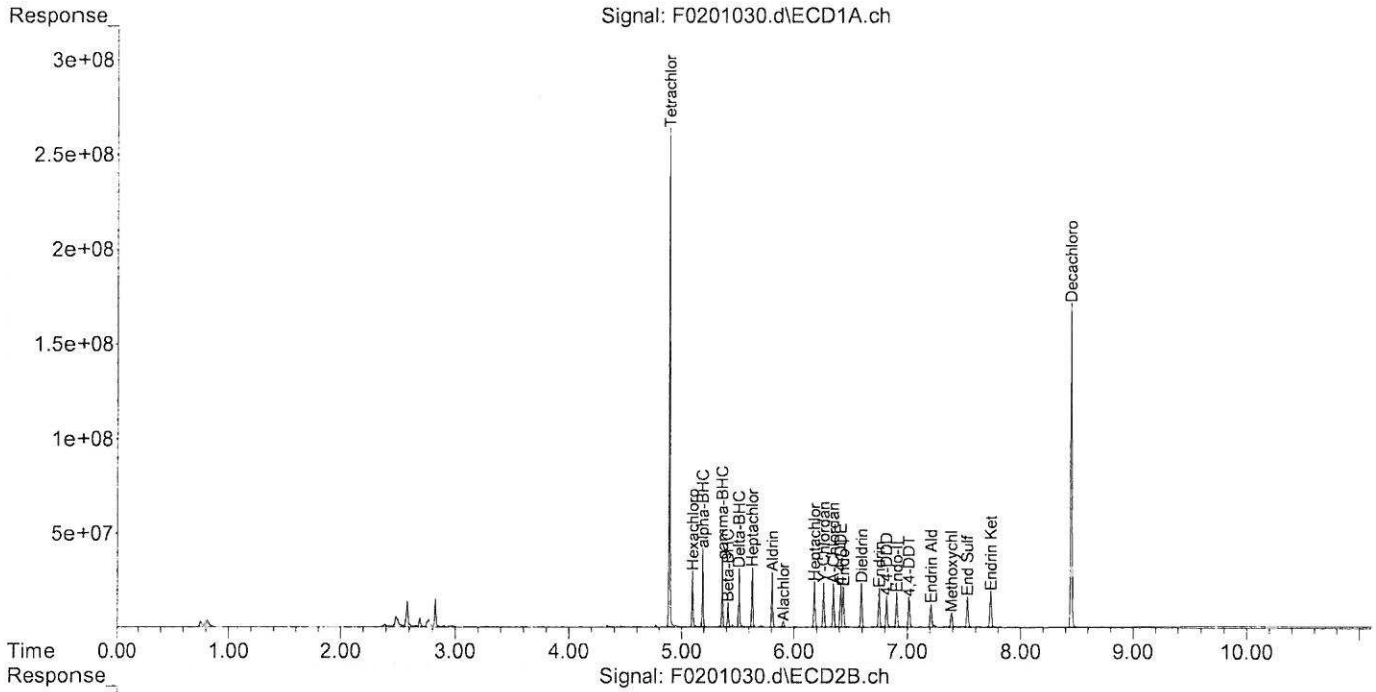
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

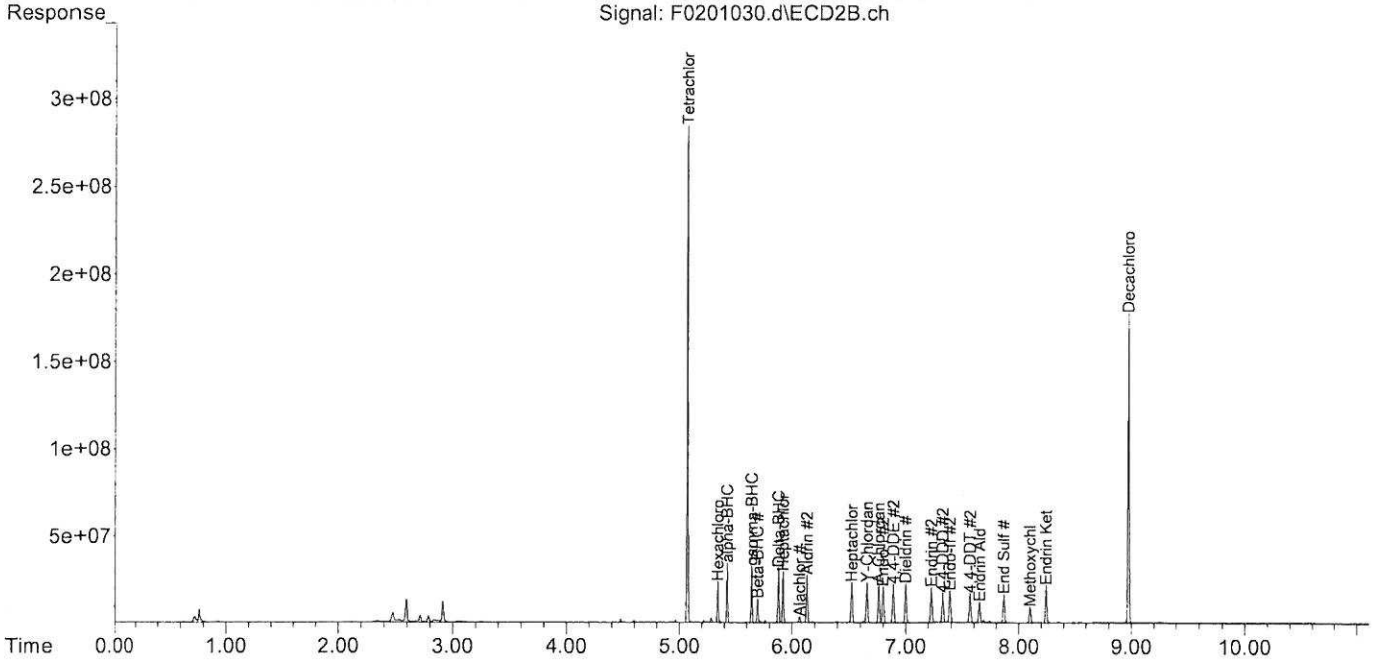
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:36 pm
Operator : JMB
Sample : B045472-BSD1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-MS1	File ID:	F0201037.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 20:33
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor	0.018	0.0012	0.022	
309-00-2	Aldrin	0.020	0.00054	0.0054	
319-84-6	alpha-BHC	0.021	0.00065	0.0054	
319-85-7	beta-BHC	0.020	0.00097	0.0054	
319-86-8	delta-BHC	0.020	0.00076	0.0054	
58-89-9	gamma-BHC (Lindane)	0.019	0.00087	0.0022	
72-54-8	4,4'-DDD	0.020	0.00011	0.0043	
72-55-9	4,4'-DDE	0.020	0.00011	0.0043	
50-29-3	4,4'-DDT	0.023	0.00011	0.0043	
60-57-1	Dieldrin	0.020	0.00011	0.0043	
959-98-8	Endosulfan I	0.019	0.00087	0.0054	
33213-65-9	Endosulfan II	0.020	0.0011	0.0087	
1031-07-8	Endosulfan Sulfate	0.019	0.0014	0.0087	
72-20-8	Endrin	0.021	0.00022	0.0087	
7421-93-4	Endrin Aldehyde	0.015	0.0012	0.0087	
53494-70-5	Endrin Ketone	0.019	0.0013	0.0087	
76-44-8	Heptachlor	0.020	0.00054	0.0054	
1024-57-3	Heptachlor Epoxide	0.020	0.00065	0.0054	
118-74-1	Hexachlorobenzene	0.020	0.0015	0.0054	
72-43-5	Methoxychlor	0.024	0.00032	0.054	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201037.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:33 pm
Operator : JMB
Sample : B045472-MS1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:17:57 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.069	1659.3E6	1777.8E6	173.044	169.493
	Spiked Amount	200.000	Range 60 - 300	Recovery =		86.52%	84.75%
24) S	Decachlor...	8.449	8.971	1379.7E6	1376.2E6	159.131	168.925
	Spiked Amount	200.000	Range 60 - 300	Recovery =		79.57%	84.46%
	Target Compounds						
2) T	Hexachlor...	5.097	5.340	190.9E6	155.3E6	18.180	17.031
3) T	alpha-BHC	5.188	5.424	260.8E6	229.5E6	19.057	17.770
4) T	gamma-BHC	5.361	5.640	234.2E6	232.6E6	17.711	17.505
5) T	Beta-BHC	5.413	5.694	94377840	97566808	18.255	17.822
6) T	Delta-BHC	5.511	5.878	233.2E6	234.4E6	18.101	17.488
7) T	Heptachlor	5.628	5.918	226.7E6	230.7E6	18.530	18.617
8) T	Aldrin	5.803	6.130	214.1E6	221.8E6	18.426	18.664
9) T	Alachlor	5.902	6.066	23999885	27774824	16.561	16.359
10) T	Heptachlo...	6.179	6.522	195.9E6	201.8E6	18.254	18.246
11) T	Y-Chlordane	6.259	6.655	194.0E6	205.8E6	17.531	17.649
12) T	A-Chlordane	6.346	6.761	189.6E6	200.6E6	17.455	17.759
13) T	4,4-DDE	6.408	6.890	188.9E6	201.9E6	18.548	18.612
14) T	Endo-I	6.431	6.799	183.4E6	189.9E6	17.967	18.535
15) T	Dieldrin	6.592	6.999	203.9E6	214.2E6	18.713	19.141
16) T	Endrin	6.748	7.224	191.8E6	199.2E6	19.139	19.726
17) T	4,4-DDD	6.815	7.323	159.1E6	165.1E6	18.518	18.607
18) T	Endo-II	6.904	7.385	170.0E6	177.3E6	18.036	18.254
19) T	4,4-DDT	7.013	7.563	167.1E6	176.1E6	21.469	19.854
20) T	Endrin Al...	7.206	7.646	117.2E6	109.8E6	13.532	13.333
21) T	Methoxychlor	7.384	8.100	87134991	88934516	22.033	20.222
22) T	End Sulf	7.526	7.864	153.3E6	160.8E6	17.965	18.094
23) T	Endrin Ke...	7.730	8.241	188.3E6	191.4E6	17.346	17.443
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

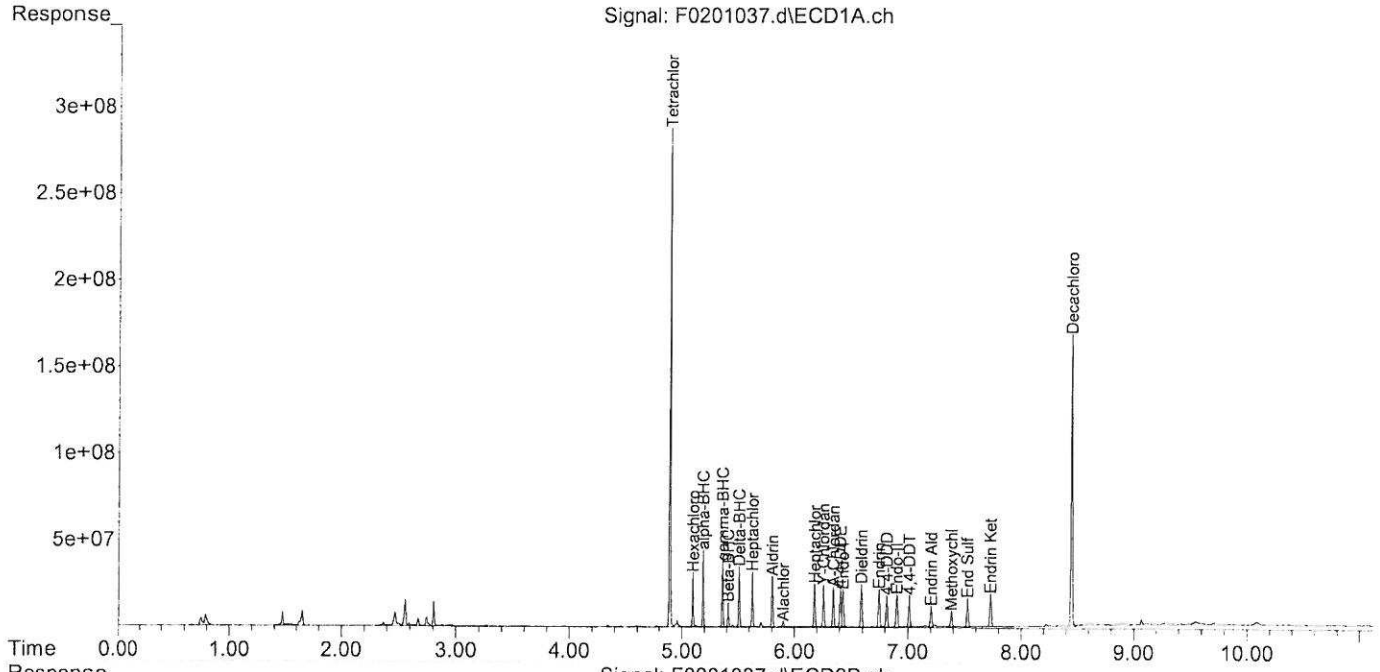
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

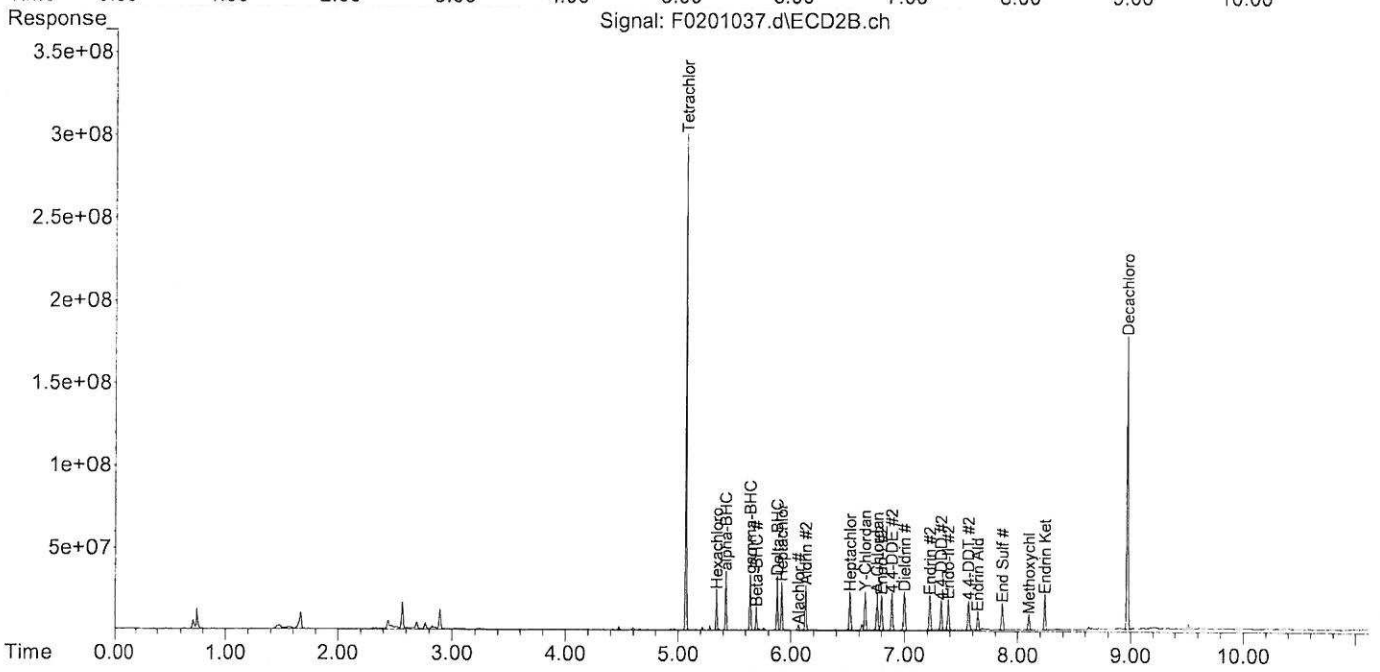
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201037.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:33 pm
Operator : JMB
Sample : B045472-MS1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:17:57 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-MS1	File ID:	F0201037.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 20:33
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor [2C]	0.018	0.0012	0.022	
309-00-2	Aldrin [2C]	0.020	0.00054	0.0054	
319-84-6	alpha-BHC [2C]	0.019	0.00065	0.0054	
319-85-7	beta-BHC [2C]	0.019	0.00097	0.0054	
319-86-8	delta-BHC [2C]	0.019	0.00076	0.0054	
58-89-9	gamma-BHC (Lindane) [2C]	0.019	0.00087	0.0022	
72-54-8	4,4'-DDD [2C]	0.020	0.00011	0.0043	
72-55-9	4,4'-DDE [2C]	0.020	0.00011	0.0043	
50-29-3	4,4'-DDT [2C]	0.021	0.00011	0.0043	
60-57-1	Dieldrin [2C]	0.021	0.00011	0.0043	
959-98-8	Endosulfan I [2C]	0.020	0.00087	0.0054	
33213-65-9	Endosulfan II [2C]	0.020	0.0011	0.0087	
1031-07-8	Endosulfan Sulfate [2C]	0.020	0.0014	0.0087	
72-20-8	Endrin [2C]	0.021	0.00022	0.0087	
7421-93-4	Endrin Aldehyde [2C]	0.014	0.0012	0.0087	
53494-70-5	Endrin Ketone [2C]	0.019	0.0013	0.0087	
76-44-8	Heptachlor [2C]	0.020	0.00054	0.0054	
1024-57-3	Heptachlor Epoxide [2C]	0.020	0.00065	0.0054	
118-74-1	Hexachlorobenzene [2C]	0.018	0.0015	0.0054	
72-43-5	Methoxychlor [2C]	0.022	0.00032	0.054	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201037.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:33 pm
Operator : JMB
Sample : B045472-MS1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:17:57 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.069	1659.3E6	1777.8E6	173.044	169.493
	Spiked Amount	200.000	Range 60 - 300	Recovery =		86.52%	84.75%
24) S	Decachlor...	8.449	8.971	1379.7E6	1376.2E6	159.131	168.925
	Spiked Amount	200.000	Range 60 - 300	Recovery =		79.57%	84.46%
	Target Compounds						
2) T	Hexachlor...	5.097	5.340	190.9E6	155.3E6	18.180	17.031
3) T	alpha-BHC	5.188	5.424	260.8E6	229.5E6	19.057	17.770
4) T	gamma-BHC	5.361	5.640	234.2E6	232.6E6	17.711	17.505
5) T	Beta-BHC	5.413	5.694	94377840	97566808	18.255	17.822
6) T	Delta-BHC	5.511	5.878	233.2E6	234.4E6	18.101	17.488
7) T	Heptachlor	5.628	5.918	226.7E6	230.7E6	18.530	18.617
8) T	Aldrin	5.803	6.130	214.1E6	221.8E6	18.426	18.664
9) T	Alachlor	5.902	6.066	23999885	27774824	16.561	16.359
10) T	Heptachlo...	6.179	6.522	195.9E6	201.8E6	18.254	18.246
11) T	Y-Chlordane	6.259	6.655	194.0E6	205.8E6	17.531	17.649
12) T	A-Chlordane	6.346	6.761	189.6E6	200.6E6	17.455	17.759
13) T	4,4-DDE	6.408	6.890	188.9E6	201.9E6	18.548	18.612
14) T	Endo-I	6.431	6.799	183.4E6	189.9E6	17.967	18.535
15) T	Dieldrin	6.592	6.999	203.9E6	214.2E6	18.713	19.141
16) T	Endrin	6.748	7.224	191.8E6	199.2E6	19.139	19.726
17) T	4,4-DDD	6.815	7.323	159.1E6	165.1E6	18.518	18.607
18) T	Endo-II	6.904	7.385	170.0E6	177.3E6	18.036	18.254
19) T	4,4-DDT	7.013	7.563	167.1E6	176.1E6	21.469	19.854
20) T	Endrin Al...	7.206	7.646	117.2E6	109.8E6	13.532	13.333
21) T	Methoxychlor	7.384	8.100	87134991	88934516	22.033	20.222
22) T	End Sulf	7.526	7.864	153.3E6	160.8E6	17.965	18.094
23) T	Endrin Ke...	7.730	8.241	188.3E6	191.4E6	17.346	17.443
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

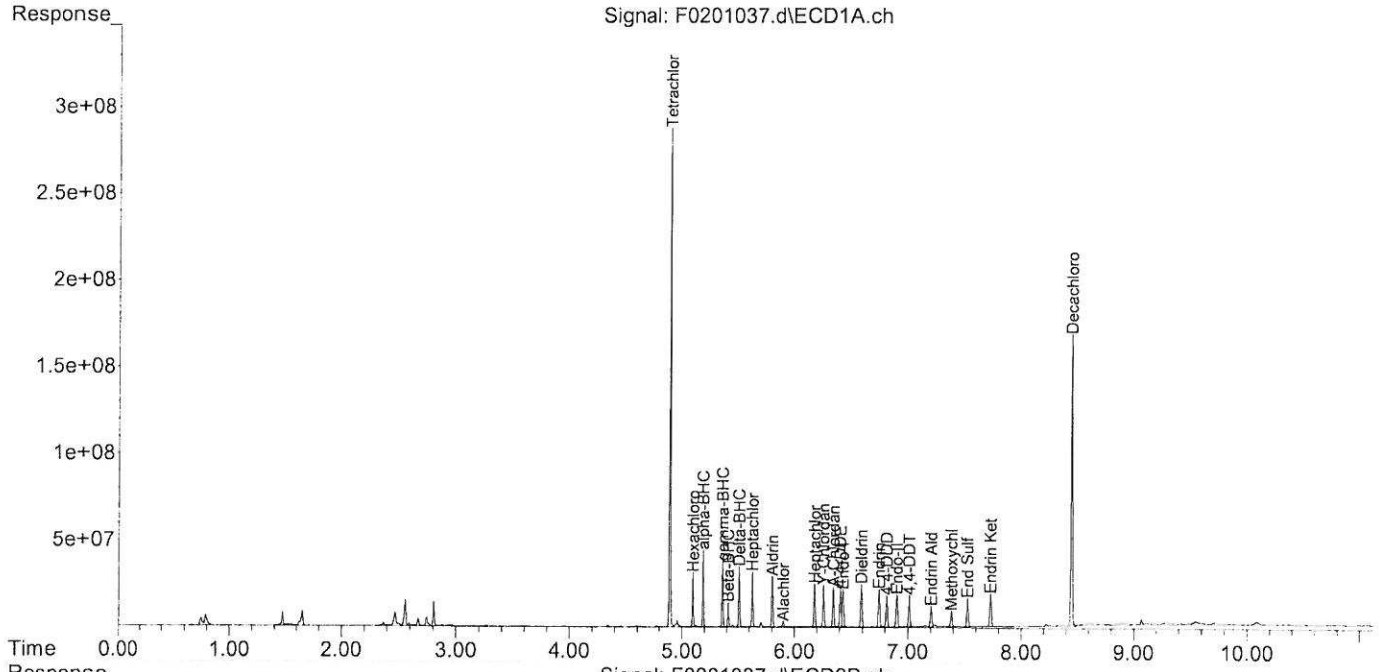
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

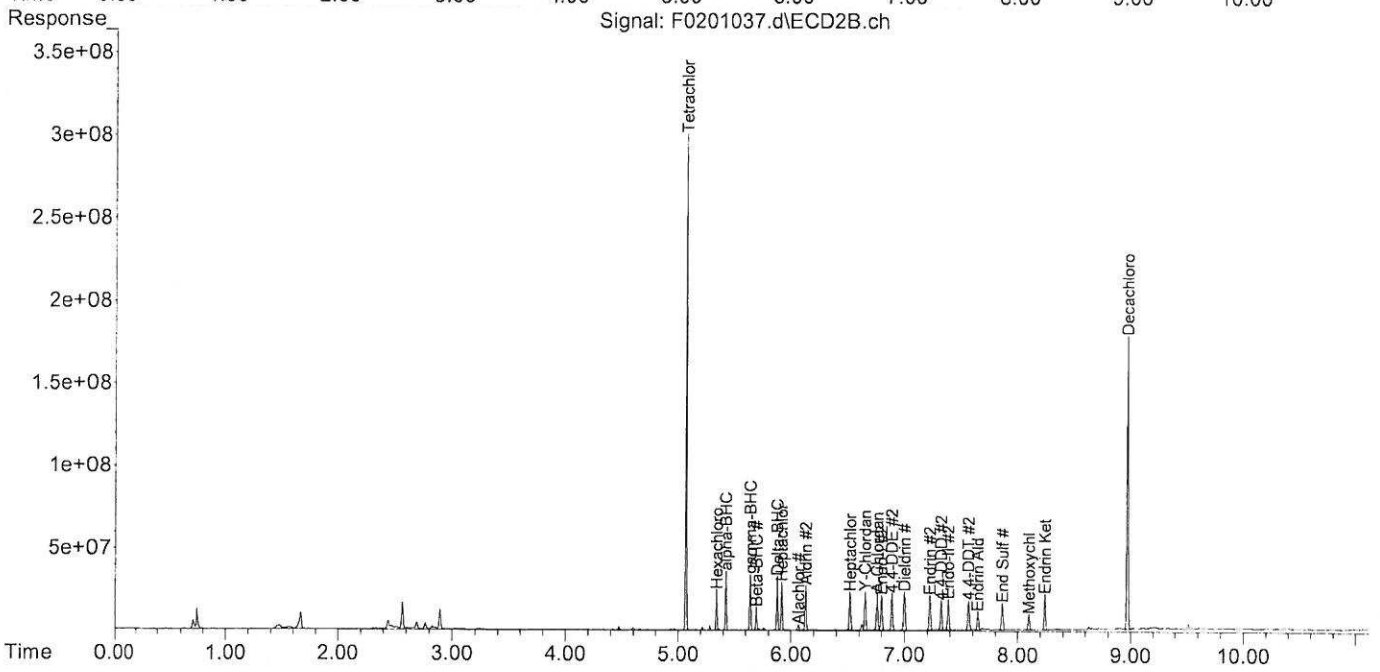
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201037.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:33 pm
Operator : JMB
Sample : B045472-MS1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:17:57 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-MSD1	File ID:	F0201038.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 20:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor	0.014	0.0012	0.022	
309-00-2	Aldrin	0.015	0.00054	0.0054	
319-84-6	alpha-BHC	0.016	0.00065	0.0054	
319-85-7	beta-BHC	0.015	0.00097	0.0054	
319-86-8	delta-BHC	0.015	0.00076	0.0054	
58-89-9	gamma-BHC (Lindane)	0.015	0.00087	0.0022	
72-54-8	4,4'-DDD	0.015	0.00011	0.0043	
72-55-9	4,4'-DDE	0.015	0.00011	0.0043	
50-29-3	4,4'-DDT	0.018	0.00011	0.0043	
60-57-1	Dieldrin	0.016	0.00011	0.0043	
959-98-8	Endosulfan I	0.015	0.00087	0.0054	
33213-65-9	Endosulfan II	0.015	0.0011	0.0087	
1031-07-8	Endosulfan Sulfate	0.015	0.0014	0.0087	
72-20-8	Endrin	0.016	0.00022	0.0087	
7421-93-4	Endrin Aldehyde	0.012	0.0012	0.0087	
53494-70-5	Endrin Ketone	0.015	0.0013	0.0087	
76-44-8	Heptachlor	0.016	0.00054	0.0054	
1024-57-3	Heptachlor Epoxide	0.015	0.00065	0.0054	
118-74-1	Hexachlorobenzene	0.016	0.0015	0.0054	
72-43-5	Methoxychlor	0.019	0.00032	0.054	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:49 pm
Operator : JMB
Sample : B045472-MSD1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:18:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.068	1278.6E6	1370.9E6	133.345	130.696
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	66.67%	65.35%
24) S	Decachlor...	8.448	8.971	1082.2E6	1049.6E6	124.821	128.836
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	62.41%	64.42%
	Target Compounds						
2) T	Hexachlor...	5.097	5.340	152.8E6	125.1E6	14.549	13.713
3) T	alpha-BHC	5.188	5.424	202.0E6	177.7E6	14.762	13.763
4) T	gamma-BHC	5.360	5.640	181.1E6	181.9E6	13.695	13.688
5) T	Beta-BHC	5.412	5.693	74052409	77157633	14.324	14.094
6) T	Delta-BHC	5.510	5.877	175.6E6	180.6E6	13.632	13.471
7) T	Heptachlor	5.628	5.917	175.8E6	178.9E6	14.372	14.437
8) T	Aldrin	5.803	6.128	166.0E6	171.9E6	14.284	14.469
9) T	Alachlor	5.902	6.065	19432741	22399843	12.733	12.458
10) T	Heptachlo...	6.178	6.521	153.1E6	158.2E6	14.267	14.306
11) T	Y-Chlordane	6.259	6.655	152.7E6	158.0E6	13.805	13.545
12) T	A-Chlordane	6.345	6.760	148.0E6	156.3E6	13.625	13.836
13) T	4,4-DDE	6.408	6.890	145.9E6	155.9E6	14.323	14.376
14) T	Endo-I	6.430	6.799	143.0E6	147.8E6	14.004	14.426
15) T	Dieldrin	6.590	6.999	158.4E6	165.2E6	14.544	14.761
16) T	Endrin	6.747	7.224	151.0E6	156.7E6	15.060	15.515
17) T	4,4-DDD	6.814	7.323	122.4E6	129.2E6	14.242	14.558
18) T	Endo-II	6.903	7.386	132.5E6	138.1E6	14.058	14.211
19) T	4,4-DDT	7.012	7.563	128.5E6	136.1E6	16.512	15.346
20) T	Endrin Al...	7.205	7.647	92203778	85095074	10.642	10.330
21) T	Methoxychlor	7.383	8.099	67910567	70112542	17.172	15.942
22) T	End Sulf	7.525	7.864	119.1E6	126.8E6	13.953	14.269
23) T	Endrin Ke...	7.730	8.241	147.8E6	148.7E6	13.620	13.554
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

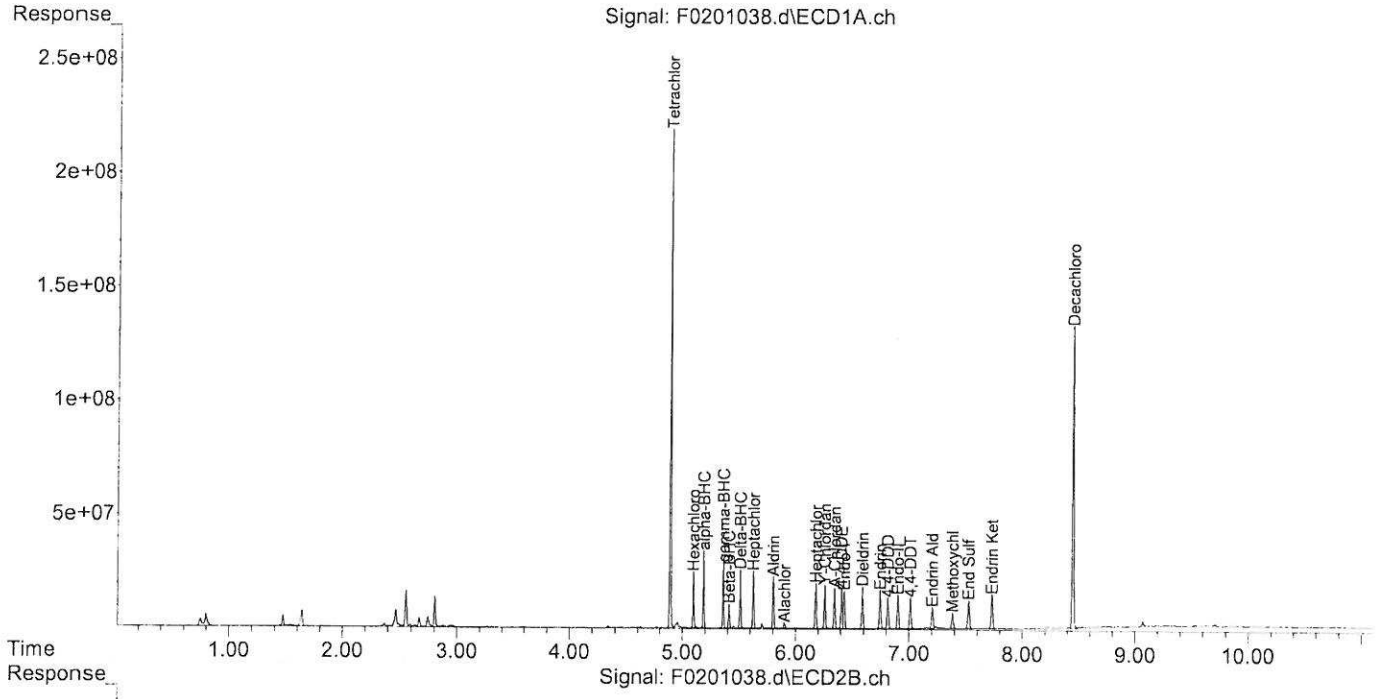
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

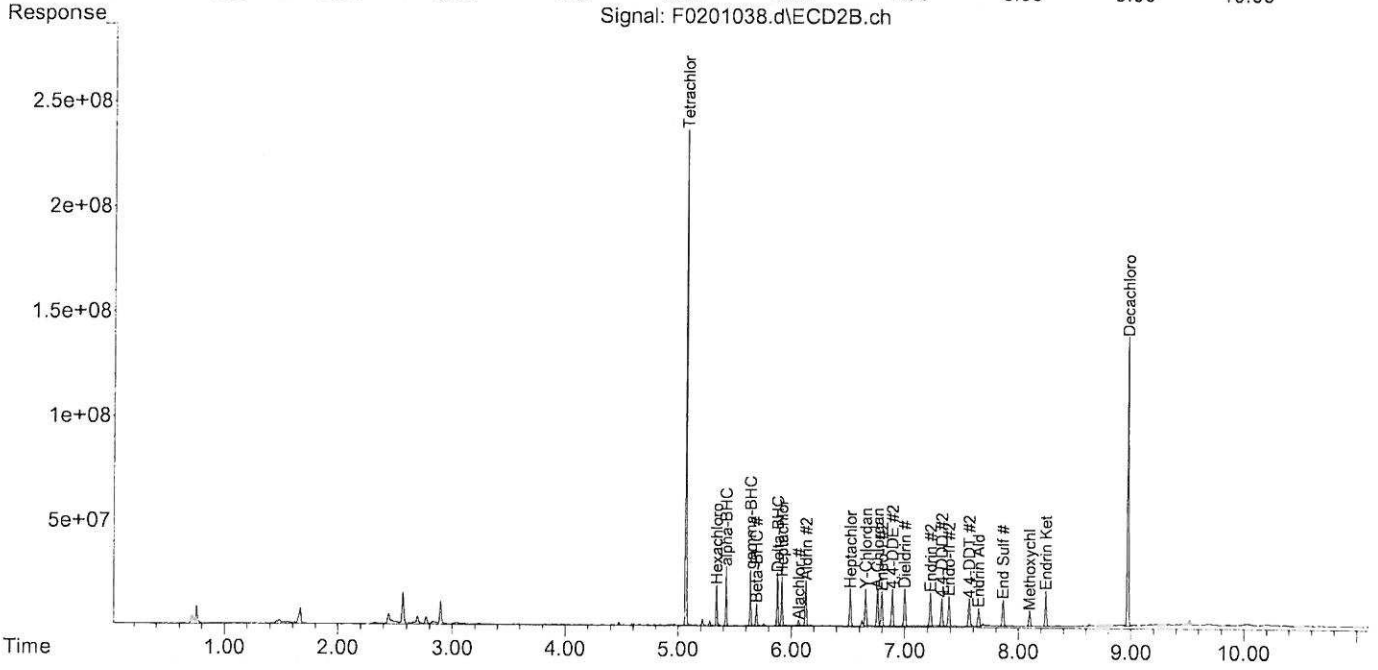
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:49 pm
Operator : JMB
Sample : B045472-MSD1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:18:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-MSD1	File ID:	F0201038.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 20:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor [2C]	0.013	0.0012	0.022	
309-00-2	Aldrin [2C]	0.016	0.00054	0.0054	
319-84-6	alpha-BHC [2C]	0.015	0.00065	0.0054	
319-85-7	beta-BHC [2C]	0.015	0.00097	0.0054	
319-86-8	delta-BHC [2C]	0.015	0.00076	0.0054	
58-89-9	gamma-BHC (Lindane) [2C]	0.015	0.00087	0.0022	
72-54-8	4,4'-DDD [2C]	0.016	0.00011	0.0043	
72-55-9	4,4'-DDE [2C]	0.016	0.00011	0.0043	
50-29-3	4,4'-DDT [2C]	0.017	0.00011	0.0043	
60-57-1	Dieldrin [2C]	0.016	0.00011	0.0043	
959-98-8	Endosulfan I [2C]	0.016	0.00087	0.0054	
33213-65-9	Endosulfan II [2C]	0.015	0.0011	0.0087	
1031-07-8	Endosulfan Sulfate [2C]	0.015	0.0014	0.0087	
72-20-8	Endrin [2C]	0.017	0.00022	0.0087	
7421-93-4	Endrin Aldehyde [2C]	0.011	0.0012	0.0087	
53494-70-5	Endrin Ketone [2C]	0.015	0.0013	0.0087	
76-44-8	Heptachlor [2C]	0.016	0.00054	0.0054	
1024-57-3	Heptachlor Epoxide [2C]	0.015	0.00065	0.0054	
118-74-1	Hexachlorobenzene [2C]	0.015	0.0015	0.0054	
72-43-5	Methoxychlor [2C]	0.017	0.00032	0.054	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:49 pm
Operator : JMB
Sample : B045472-MSD1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:18:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.068	1278.6E6	1370.9E6	133.345	130.696
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	66.67%	65.35%
24) S	Decachlor...	8.448	8.971	1082.2E6	1049.6E6	124.821	128.836
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	62.41%	64.42%
	Target Compounds						
2) T	Hexachlor...	5.097	5.340	152.8E6	125.1E6	14.549	13.713
3) T	alpha-BHC	5.188	5.424	202.0E6	177.7E6	14.762	13.763
4) T	gamma-BHC	5.360	5.640	181.1E6	181.9E6	13.695	13.688
5) T	Beta-BHC	5.412	5.693	74052409	77157633	14.324	14.094
6) T	Delta-BHC	5.510	5.877	175.6E6	180.6E6	13.632	13.471
7) T	Heptachlor	5.628	5.917	175.8E6	178.9E6	14.372	14.437
8) T	Aldrin	5.803	6.128	166.0E6	171.9E6	14.284	14.469
9) T	Alachlor	5.902	6.065	19432741	22399843	12.733	12.458
10) T	Heptachlo...	6.178	6.521	153.1E6	158.2E6	14.267	14.306
11) T	Y-Chlordane	6.259	6.655	152.7E6	158.0E6	13.805	13.545
12) T	A-Chlordane	6.345	6.760	148.0E6	156.3E6	13.625	13.836
13) T	4,4-DDE	6.408	6.890	145.9E6	155.9E6	14.323	14.376
14) T	Endo-I	6.430	6.799	143.0E6	147.8E6	14.004	14.426
15) T	Dieldrin	6.590	6.999	158.4E6	165.2E6	14.544	14.761
16) T	Endrin	6.747	7.224	151.0E6	156.7E6	15.060	15.515
17) T	4,4-DDD	6.814	7.323	122.4E6	129.2E6	14.242	14.558
18) T	Endo-II	6.903	7.386	132.5E6	138.1E6	14.058	14.211
19) T	4,4-DDT	7.012	7.563	128.5E6	136.1E6	16.512	15.346
20) T	Endrin Al...	7.205	7.647	92203778	85095074	10.642	10.330
21) T	Methoxychlor	7.383	8.099	67910567	70112542	17.172	15.942
22) T	End Sulf	7.525	7.864	119.1E6	126.8E6	13.953	14.269
23) T	Endrin Ke...	7.730	8.241	147.8E6	148.7E6	13.620	13.554
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

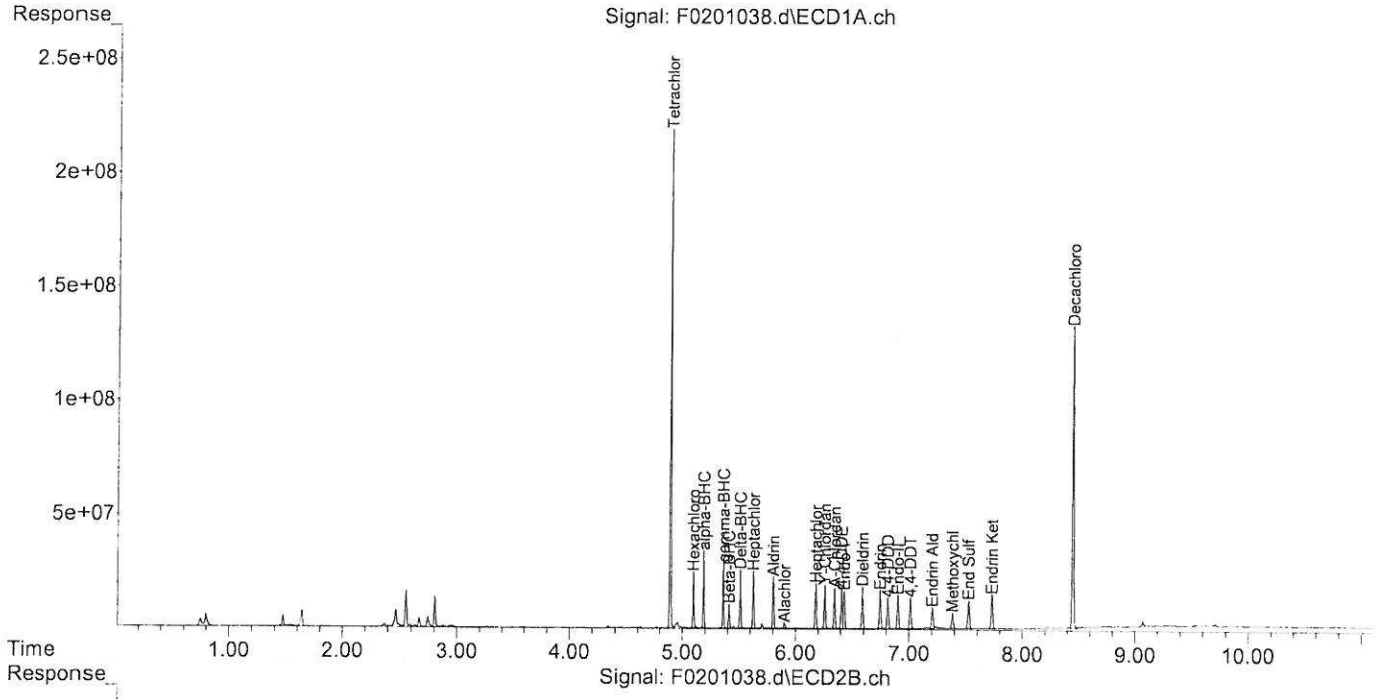
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

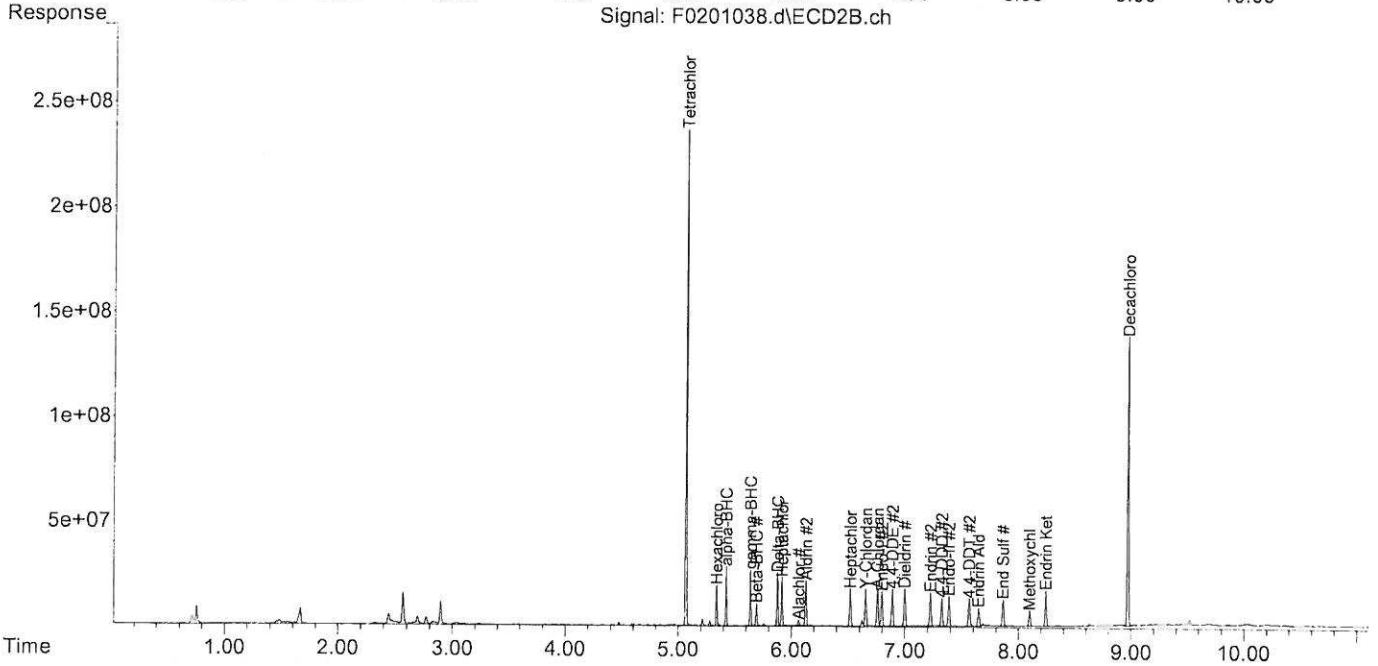
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:49 pm
Operator : JMB
Sample : B045472-MSD1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:18:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





PREPARATION BENCH SHEET

B045472

Con-Test Analytical Laboratory

Printed: 2/9/2012 2:03:43PM

Matrix: Soil **Prepared using: SV-GC - SW-846 3546** **Surrogate used: 1201249**

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12A0882-01	8081	01/31/12 02:02	10.3	10				1000	Ecology & Environment	
12A0882-02	8081	01/31/12 02:02	10.2	10				1000	Ecology & Environment	
12A0882-03	8081	01/31/12 02:02	10.1	10				1000	Ecology & Environment	
12A0882-04	8081	01/31/12 02:02	10.3	10				1000	Ecology & Environment	MS/MSD
B045472-BLK1	QC	01/31/12 12:02	10	10				1000		
B045472-BS1	QC	01/31/12 12:02	10	10	1111258		100	1000		
B045472-BSD1	QC	01/31/12 12:02	10	10	1111258		100	1000		
B045472-MS1	QC	01/31/12 12:02	10.1	10	1111258	12A0882-04	100	1000		
B045472-MSD1	QC	01/31/12 12:02	10.1	10	1111258	12A0882-04	100	1000		

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

AROCLOR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SAMPLE DATA

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	B0131059.d
Sampled:	01/27/12 10:00	Prepared:	01/31/12 02:05	Analyzed:	02/01/12 13:48
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	5
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.021	0.10	R-05
11104-28-2	Aroclor-1221		0.041	0.10	
11141-16-5	Aroclor-1232		0.046	0.10	
53469-21-9	Aroclor-1242		0.036	0.10	
12672-29-6	Aroclor-1248		0.041	0.10	
11097-69-1	Aroclor-1254		0.036	0.10	
11096-82-5	Aroclor-1260		0.036	0.10	R-05
37324-23-5	Aroclor-1262		0.041	0.10	
11100-14-4	Aroclor-1268		0.036	0.10	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131059.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:48 pm
Operator : JMB
Sample : 12A0882-01@5X Inst : ECD 2A
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	528.9E6	547.2E6	32.283	32.175
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.14%#	16.09%#
2) S Decachlor...	6.619	6.660	377.7E6	322.4E6	26.509	24.891
Spiked Amount	200.000	Range 60 - 300		Recovery =	13.25%#	12.45%#
Target Compounds						
3) L1 1016{1}	0.000	2.687	0	1351793	N.D.	3.408 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	3.620f	3.513	2273253	2127389	7.900	6.170
7) L1 1016{5}	3.811	0.000	2668865	0	9.750	N.D. #
Sum 1016			4942118	3479182	17.651	9.578
Average 1016					8.825	4.789
8) L7 1260{1}	4.683	4.664	5887075	9745739	6.972	9.007 #
9) L7 1260{2}	4.904	5.114	11112225	21626382	9.212	12.404 #
10) L7 1260{3}	5.219	5.188	1809810	3386344	2.242	2.999 #
11) L7 1260{4}	5.418	5.421	1936433	2247914	2.441	2.060
12) L7 1260{5}	5.670	5.630	4183085	6938701	2.334	2.813
Sum 1260			24928628	43945081	23.201	29.283
Average 1260					4.640	5.857

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

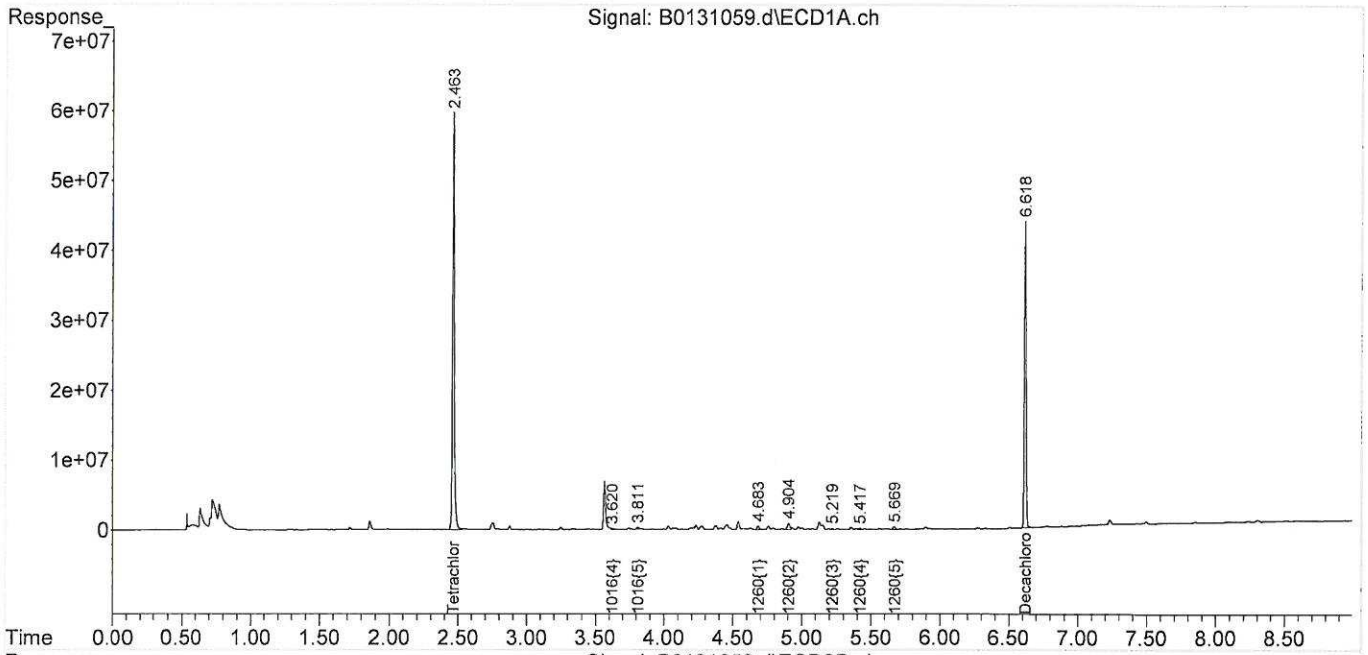
CHECKED BY:
MARISSA CAGAN
FEB 0 2 2012

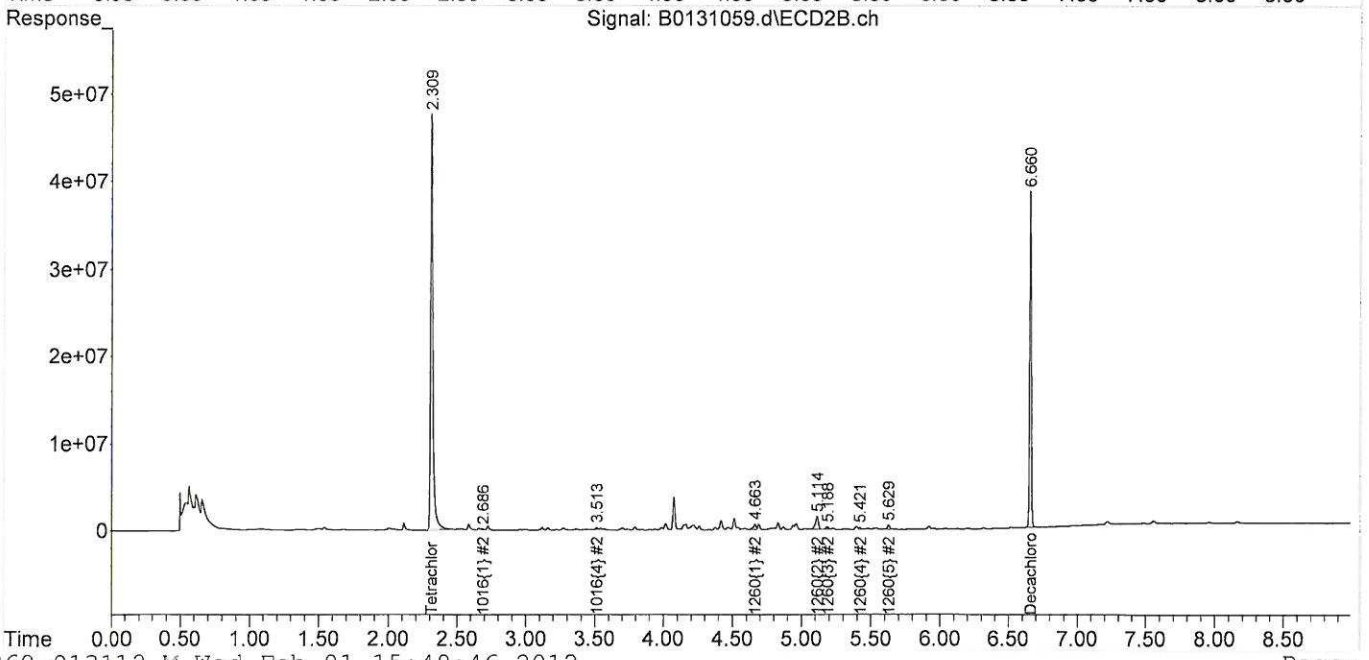
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131059.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:48 pm
Operator : JMB
Sample : 12A0882-01@5X Inst : ECD 2A
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131059.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:48 pm
Operator : JMB
Sample : 12A0882-01@5X Inst : ECD 2A
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: 1254-Front.E
Integration File signal 2: 1254-Back.E
Quant Time: Feb 01 16:32:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1254-013112.M
Quant Title : 1254 01/11/12 01/06/12
QLast Update : Thu Jan 12 08:36:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	528.8E6	547.2E6	32.278	32.175
Spiked Amount 200.000	Range 60 - 300		Recovery =		16.14%#	16.09%#
2) S Decachlor...	6.619	6.660	377.6E6	322.4E6	26.508	24.891
Spiked Amount 200.000	Range 60 - 300		Recovery =		13.25%#	12.45%#
Target Compounds						
3) L6 1254{1}	4.033	4.018	4721533	8885924	9.068	11.103
4) L6 1254{2}	4.233	4.161	6374338	12306230	11.472	19.670 #
5) L6 1254{3}	4.539	4.512	12330098	14915007	12.777	13.765
6) L6 1254{4}	4.904	4.832	11070727	9017688	15.164	15.031
7) L6 1254{5}	5.127	5.114	12609023	21626382	12.299	17.380 #
Sum 1254			47105718	66751231	60.779	76.949
Average 1254					12.156	15.390

BDV

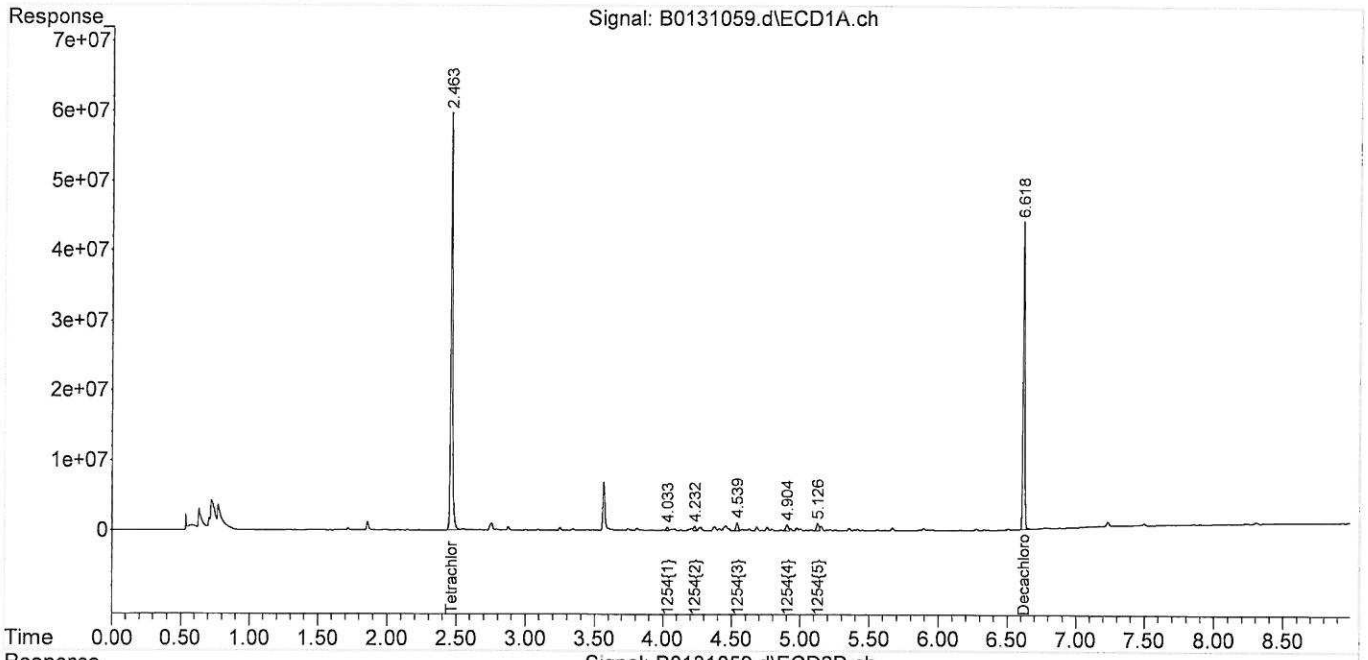
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

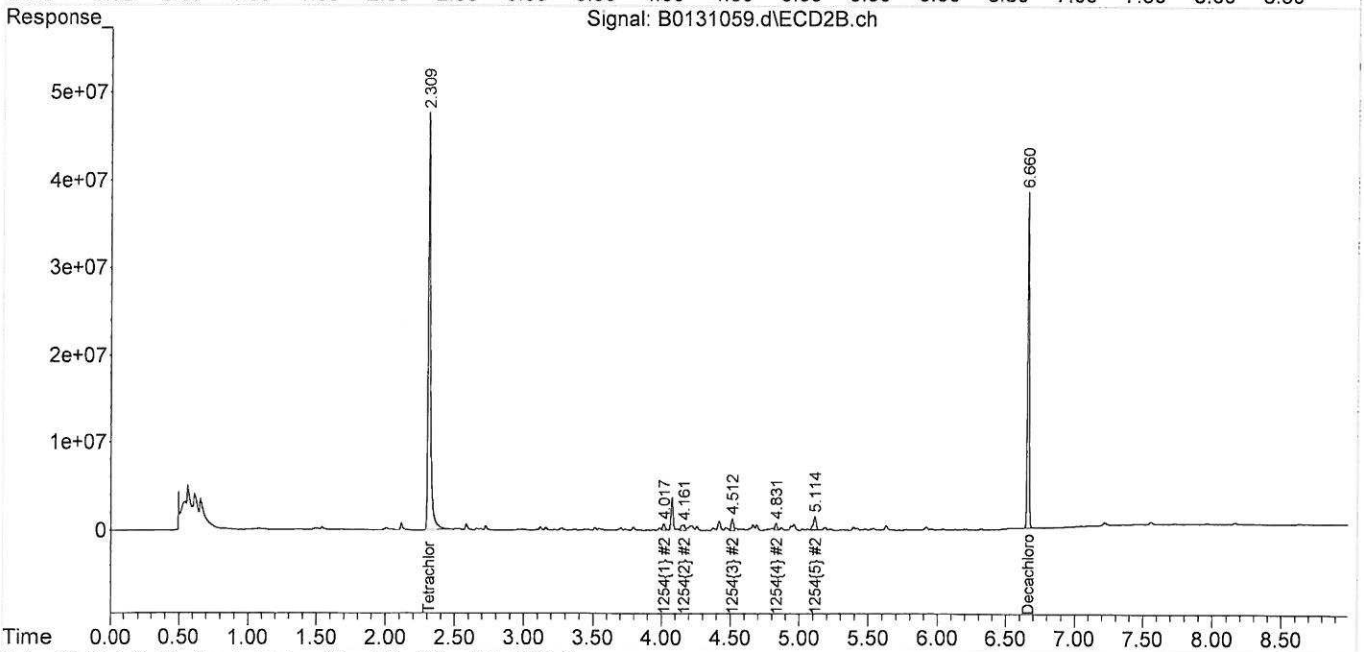
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131059.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:48 pm
Operator : JMB
Sample : 12A0882-01@5X Inst : ECD 2A
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: 1254-Front.E
Integration File signal 2: 1254-Back.E
Quant Time: Feb 01 16:32:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1254-013112.M
Quant Title : 1254 01/11/12 01/06/12
QLast Update : Thu Jan 12 08:36:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	B0131060.d
Sampled:	01/27/12 11:00	Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:01
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	5
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.021	0.11	R-05
11104-28-2	Aroclor-1221		0.042	0.11	
11141-16-5	Aroclor-1232		0.047	0.11	
53469-21-9	Aroclor-1242		0.037	0.11	
12672-29-6	Aroclor-1248		0.042	0.11	
11097-69-1	Aroclor-1254		0.037	0.11	
11096-82-5	Aroclor-1260		0.037	0.11	R-05
37324-23-5	Aroclor-1262		0.042	0.11	
11100-14-4	Aroclor-1268		0.037	0.11	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131060.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:01 pm
Operator : JMB
Sample : 12A0882-02@5X Inst : ECD 2A
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:49 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CHECKED BY: MARISSA CAGAN FEB 0 2 2012

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.464	2.310	531.4E6	554.9E6	32.436	32.630
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.22%#	16.32%#
2) S Decachlor...	6.619	6.660	361.8E6	313.4E6	25.394	24.196
Spiked Amount	200.000	Range 60 - 300		Recovery =	12.70%#	12.10%#
Target Compounds						
3) L1 1016{1}	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	0	N.D.	N.D.
Average 1016					0.000	0.000
8) L7 1260{1}	4.684	0.000	1263602	0	1.497	N.D. #
9) L7 1260{2}	4.905	5.115	2275173	6809970	1.886	3.906 #
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	5.670	5.631	1319859	1294637	0.736	0.525 #
Sum 1260			4858634	8104608	4.119	4.431
Average 1260					1.373	2.215

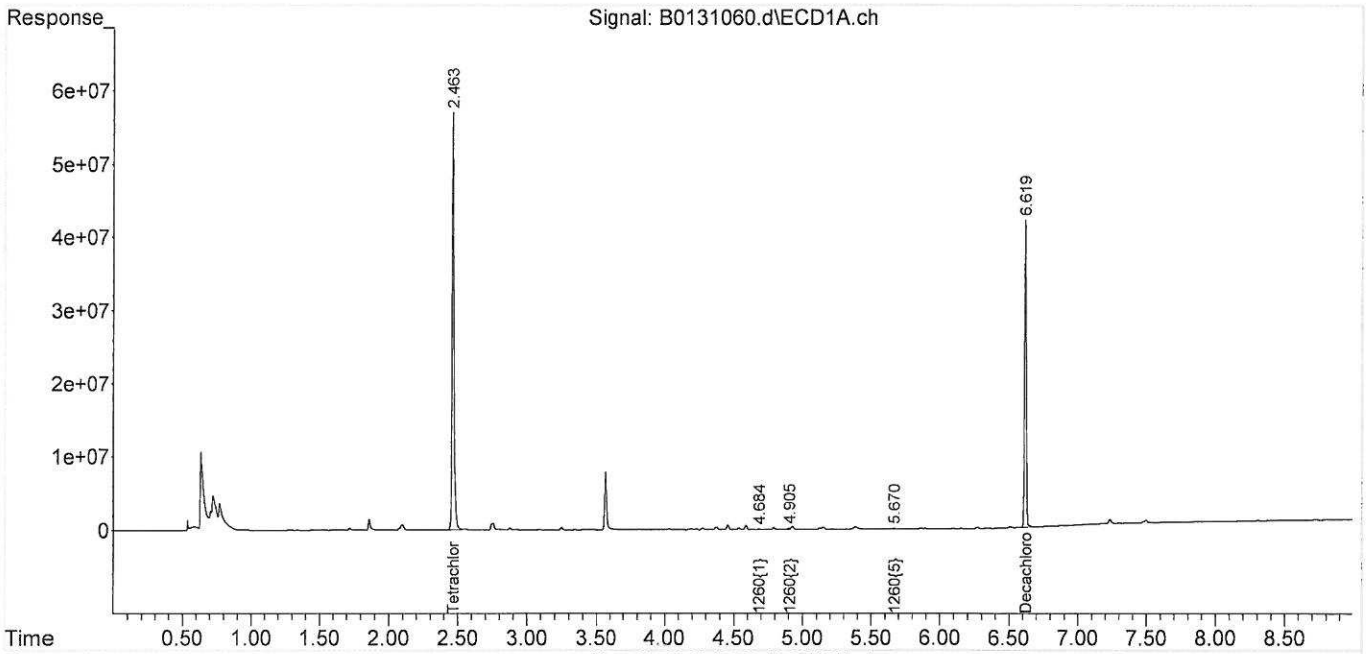
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

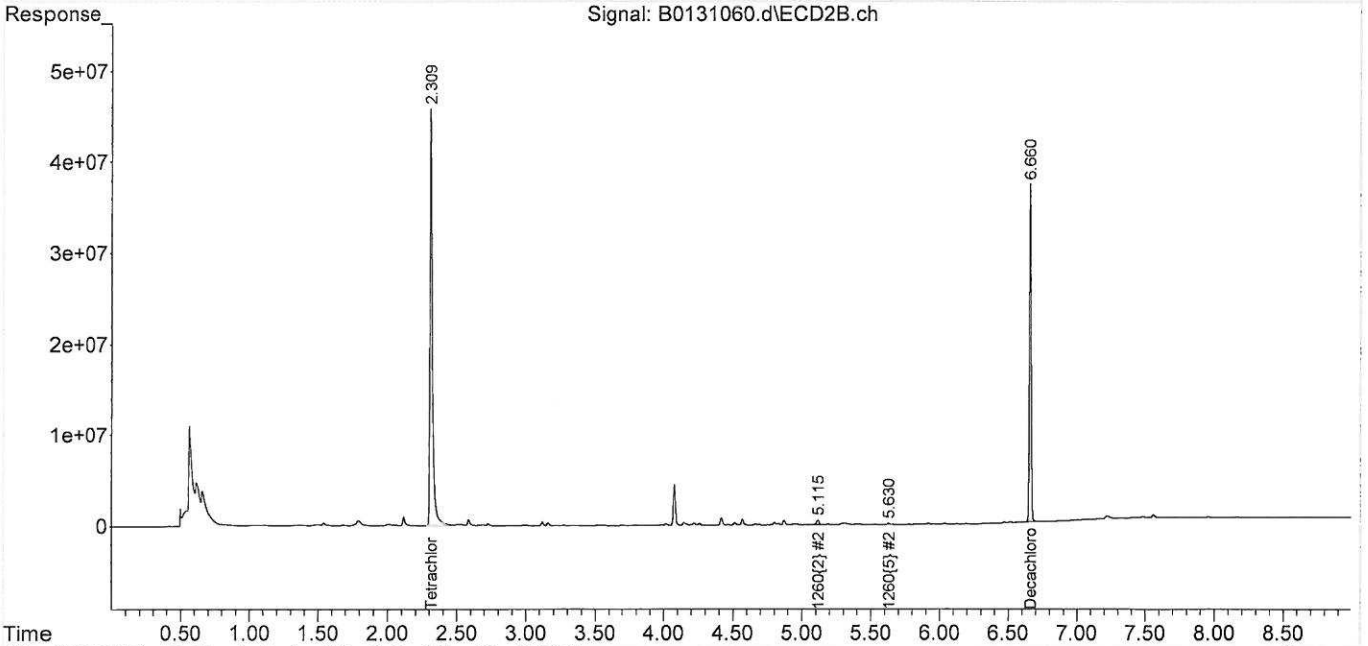
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131060.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:01 pm
Operator : JMB
Sample : 12A0882-02@5X Inst : ECD 2A
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:49 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	B0131061.d
Sampled:	01/27/12 11:00	Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:13
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	5
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.021	0.11	R-05
11104-28-2	Aroclor-1221		0.043	0.11	
11141-16-5	Aroclor-1232		0.048	0.11	
53469-21-9	Aroclor-1242		0.037	0.11	
12672-29-6	Aroclor-1248		0.043	0.11	
11097-69-1	Aroclor-1254		0.037	0.11	
11096-82-5	Aroclor-1260		0.037	0.11	R-05
37324-23-5	Aroclor-1262		0.043	0.11	
11100-14-4	Aroclor-1268		0.037	0.11	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131061.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:13 pm
Operator : JMB
Sample : 12A0882-03@5X Inst : ECD 2A
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:52 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	592.2E6	612.8E6	36.149	36.029
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.07%#	18.01%#
2) S Decachlor...	6.619	6.660	420.8E6	360.5E6	29.540	27.834
Spiked Amount	200.000	Range 60 - 300		Recovery =	14.77%#	13.92%#
Target Compounds						
3) L1 1016{1}	0.000	2.687	0	1200145	N.D.	3.026 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	1200145	N.D.	3.026
Average 1016					0.000	3.026
8) L7 1260{1}	4.684	4.665	1347207	1051805	1.596	0.972 #
9) L7 1260{2}	4.905	5.116	2367582	8464754	1.963	4.855 #
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	5.670	5.630	1582184	1472502	0.883	0.597 #
Sum 1260			5296974	10989062	4.441	6.424
Average 1260					1.480	2.141

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

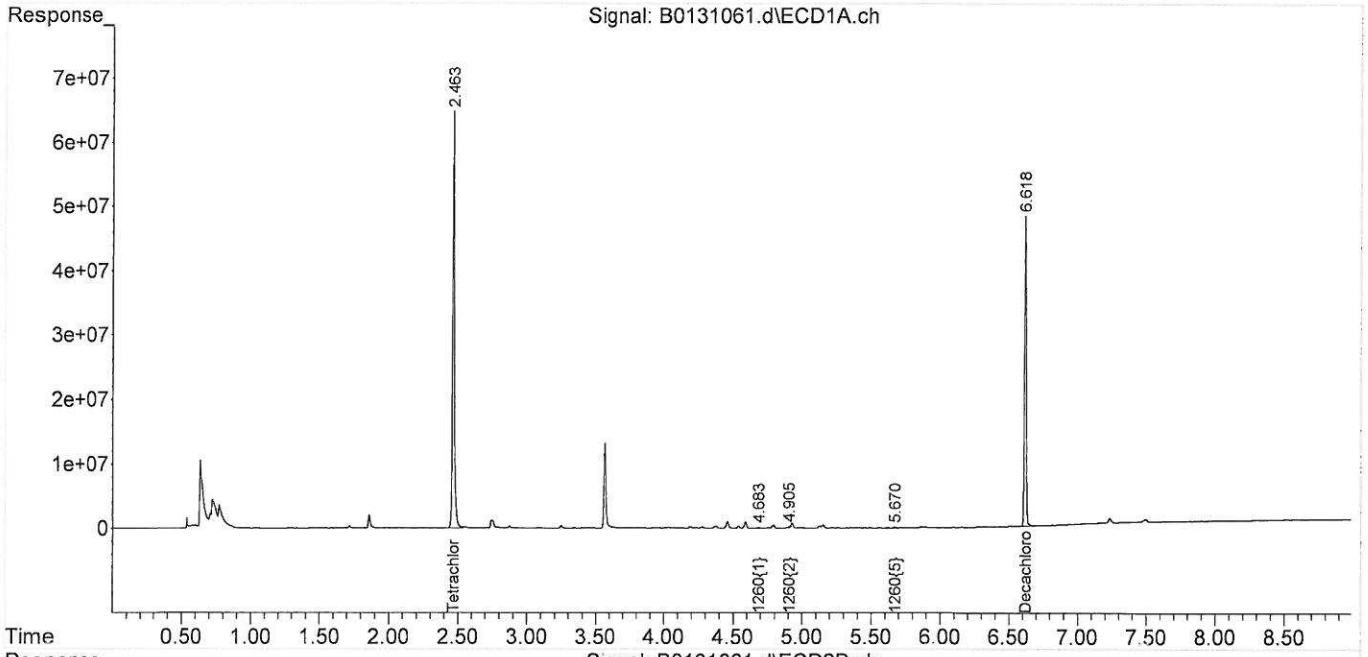
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

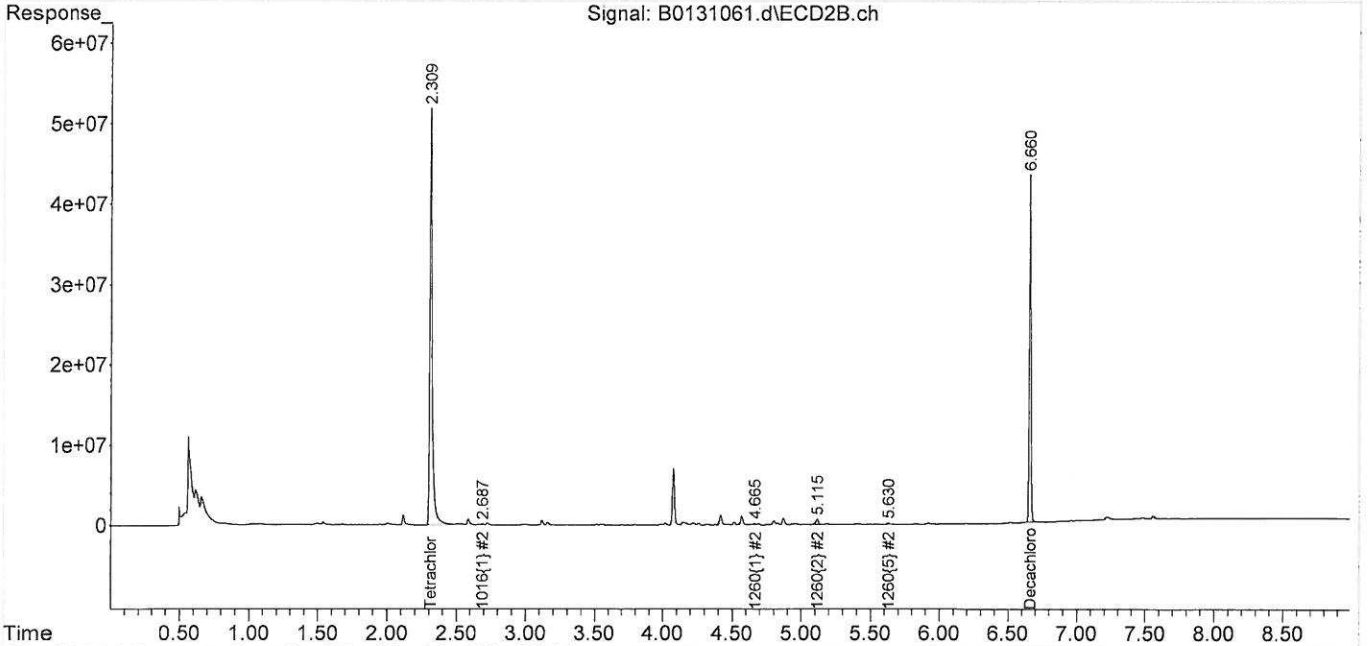
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131061.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:13 pm
Operator : JMB
Sample : 12A0882-03@5X Inst : ECD 2A
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:52 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	B0131062.d
Sampled:	01/27/12 12:00	Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:26
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	5
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.021	0.11	R-05
11104-28-2	Aroclor-1221		0.042	0.11	
11141-16-5	Aroclor-1232		0.048	0.11	
53469-21-9	Aroclor-1242		0.037	0.11	
12672-29-6	Aroclor-1248		0.042	0.11	
11097-69-1	Aroclor-1254		0.037	0.11	
11096-82-5	Aroclor-1260		0.037	0.11	R-05
37324-23-5	Aroclor-1262		0.042	0.11	
11100-14-4	Aroclor-1268		0.037	0.11	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131062.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:26 pm
Operator : JMB
Sample : 12A0882-04@5X Inst : ECD 2A
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:55 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CHECKED BY: MARISSA CAGAN FEB 02 2012

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	593.8E6	614.0E6	36.249	36.103
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.12%#	18.05%#
2) S Decachlor...	6.619	6.660	433.6E6	370.6E6	30.438	28.620
Spiked Amount	200.000	Range 60 - 300		Recovery =	15.22%#	14.31%#
Target Compounds						
3) L1 1016{1}	0.000	2.688	0	1157573	N.D.	2.918 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	1157573	N.D.	2.918
Average 1016					0.000	2.918
8) L7 1260{1}	0.000	0.000	0	0	N.D.	N.D.
9) L7 1260{2}	0.000	0.000	0	0	N.D.	N.D.
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

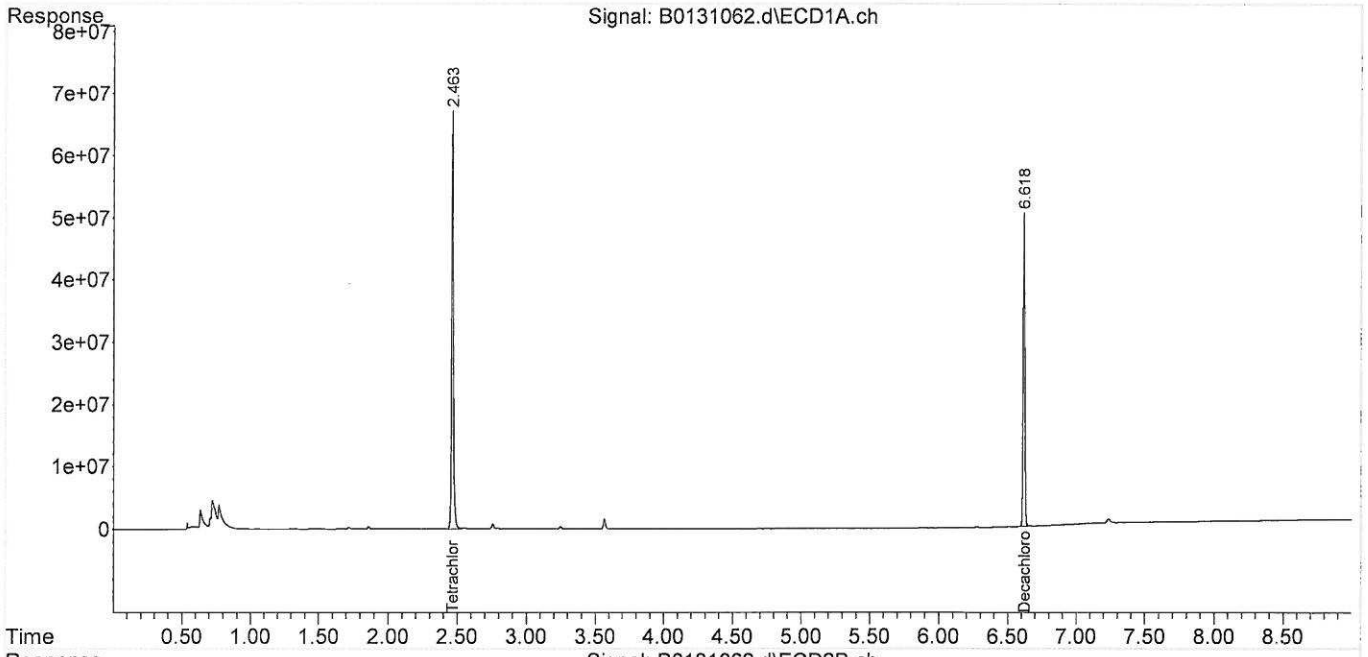
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

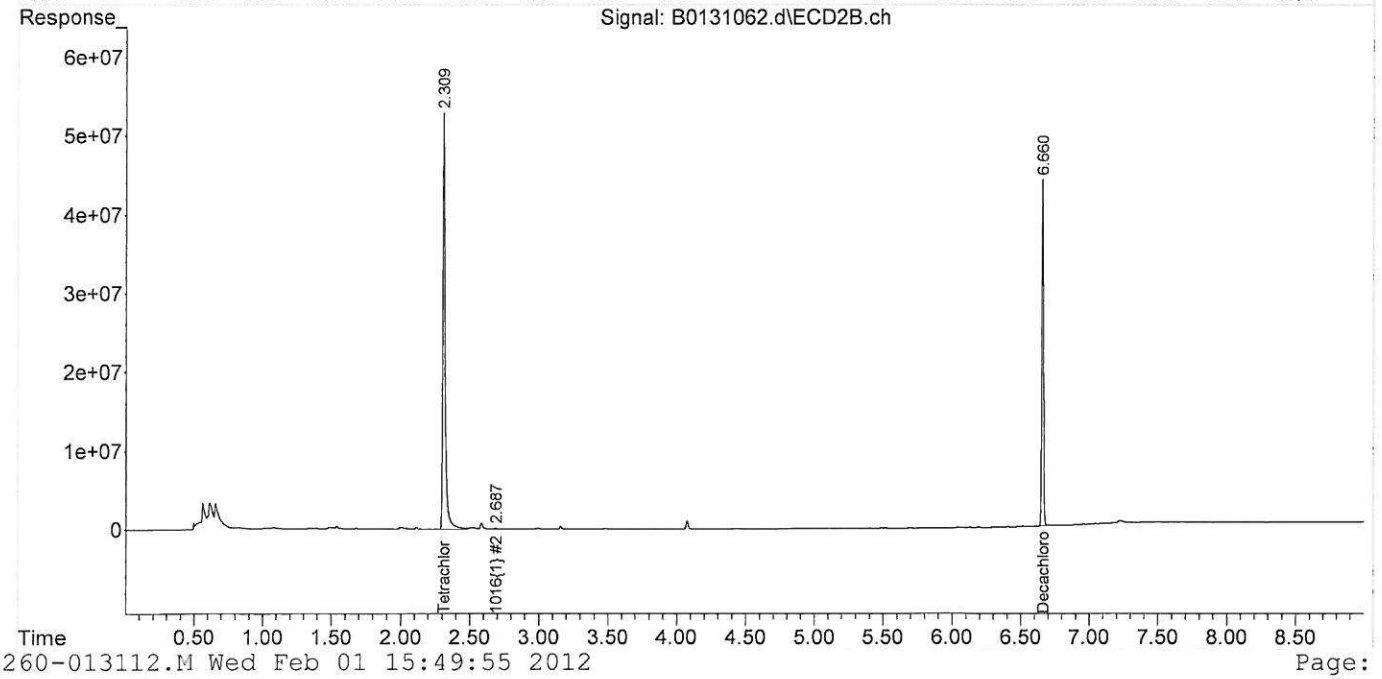
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131062.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:26 pm
Operator : JMB
Sample : 12A0882-04@5X Inst : ECD 2A
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:55 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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QC SUMMARY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Instrument:	ECD 2A

	DCB 1 (30% - 150%)	DCB 2 (30% - 150%)	TCX 1 (30% - 150%)	TCX 2 (30% - 150%)
12A0882-01	66.3	62.2	80.7	80.4
12A0882-02	63.5	60.5	81.1	81.6
12A0882-03	73.8	69.6	90.4	90.1
12A0882-04	76.1	71.6	90.6	90.3
B045275-BLK1	101	91.5	99.3	98.4
B045275-BS1	90.7	81.5	89.7	89.5
B045275-BSD1	123	109	124	119
B045275-MS1	80.5	75.5	91.5	89.6
B045275-MSD1	82.2	77.1	91.1	89.0

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8082A
Batch:	B045275	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045275-MS1
Initial/Final:	10 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	1		

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Aroclor-1016	0.219	ND	0.21	95.3	40 - 140
Aroclor-1260	0.219	ND	0.20	90.0	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.216	0.21	97.1	0.918	50	40 - 140
Aroclor-1260	0.216	0.21	94.9	4.36	50	40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8082A
Batch:	B045275	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045275-MS1
Initial/Final:	10 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	2		

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Aroclor-1016 [2C]	0.219	ND	0.20	93.3	40 - 140
Aroclor-1260 [2C]	0.219	ND	0.18	84.4	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016 [2C]	0.216	0.21	97.9	3.83	50	40 - 140
Aroclor-1260 [2C]	0.216	0.19	89.8	5.21	50	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045275	Laboratory ID:	B045275-BS1
Column:	1	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Aroclor-1016	0.200	0.19	93.0	40 - 140
Aroclor-1260	0.200	0.18	91.4	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.200	0.26	128	31.9	30	40 - 140
Aroclor-1260	0.200	0.25	126	31.7	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045275	Laboratory ID:	B045275-BS1
Column:	2	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Aroclor-1016 [2C]	0.200	0.19	93.9	40 - 140
Aroclor-1260 [2C]	0.200	0.17	86.7	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016 [2C]	0.200	0.26	130	32.2	30	40 - 140
Aroclor-1260 [2C]	0.200	0.23	117	29.6	30	40 - 140

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B045275-BLK1	Batch:	B045275

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B045275-MSD1	B0131064.d	14:52
Matrix Spike	B045275-MS1	B0131063.d	14:39
LCS Dup	B045275-BSD1	B0131047.d	11:15
LCS	B045275-BS1	B0131046.d	11:02
FPC-SB03	12A0882-04	B0131062.d	14:26
FPC-SB02/D	12A0882-03	B0131061.d	14:13
FPC-SB02	12A0882-02	B0131060.d	14:01
FPC-SB01	12A0882-01	B0131059.d	13:48

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CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8082A

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200005 Instrument: ECD 2A

Calibration Date: 1/6/2012 12:00:42AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Aroclor-1016 (1)			10	737344.9	20	636892.5	50	614642	100	575296.5	200	565000
Aroclor-1016 (2)			10	311059.6	20	285535.6	50	261664	100	247340.6	200	237047.4
Aroclor-1016 (3)			10	289614	20	339060.3	50	326366.2	100	315621.8	200	310503
Aroclor-1016 (4)			10	321488.4	20	318888.1	50	290153.4	100	273379.1	200	264492.7
Aroclor-1016 (5)			10	283918.4	20	280469.8	50	286877.4	100	274435.2	200	260325.4
Aroclor-1016 (1) [2C]			10	348925	20	362064.5	50	387108	100	453921.3	200	421055.9
Aroclor-1016 (2) [2C]			10	807385.2	20	818275	50	747777.2	100	702952.1	200	667000
Aroclor-1016 (3) [2C]			10	764414.4	20	823584	50	741426.6	100	682528.5	200	640500
Aroclor-1016 (4) [2C]			10	370198.5	20	383108.6	50	357510.2	100	333183.2	200	315908.4
Aroclor-1016 (5) [2C]			10	411766.3	20	422453.9	50	388729	100	358920.7	200	344292.9
Aroclor-1260 (1)			10	1047485	20	915858	50	846902.4	100	777585.1	200	743000
Aroclor-1260 (2)			10	1353049	20	1260425	50	1212558	100	1152000	200	1131000
Aroclor-1260 (3)			10	913263.1	20	859619	50	816854.8	100	765793.1	200	746500
Aroclor-1260 (4)			10	861420.5	20	815403.5	50	804058.8	100	764479.7	200	757000
Aroclor-1260 (5)			10	1887905	20	1934142	50	1739639	100	1715000	200	1732500
Aroclor-1260 (1) [2C]			10	1229717	20	1250663	50	1071435	100	1003000	200	974500
Aroclor-1260 (2) [2C]			10	2049608	20	1957603	50	1700272	100	1613000	200	1575000
Aroclor-1260 (3) [2C]			10	1288388	20	1248037	50	1126181	100	1061000	200	1030500
Aroclor-1260 (4) [2C]			10	1180564	20	1202373	50	1102257	100	1042000	200	1014500
Aroclor-1260 (5) [2C]			10	2490919	20	2576775	50	2498000	100	2450000	200	2432500
Decachlorobiphenyl	5	1.471079E+07	10	1.417E+07	20	1.3865E+07	50	1.3958E+07	100	1.4018E+07	200	1.4283E+07
Decachlorobiphenyl [2C]	5	1.354997E+07	10	1.328E+07	20	1.297E+07	50	1.2972E+07	100	1.2745E+07	200	1.258E+07
Tetrachloro-m-xylene	5	1.568575E+07	10	1.567E+07	20	1.6E+07	50	1.6502E+07	100	1.6803E+07	200	1.70545E+07
Tetrachloro-m-xylene [2C]	5	1.745693E+07	10	1.711E+07	20	1.7025E+07	50	1.7054E+07	100	1.7047E+07	200	1.68225E+07

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8082A

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200005 Instrument: ECD 2A

Calibration Date: 1/6/2012 12:00:42AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Aroclor-1016 (1)	250	552800										
Aroclor-1016 (2)	250	230681.9										
Aroclor-1016 (3)	250	306976.6										
Aroclor-1016 (4)	250	258053.5										
Aroclor-1016 (5)	250	256295.8										
Aroclor-1016 (1) [2C]	250	406800										
Aroclor-1016 (2) [2C]	250	651600										
Aroclor-1016 (3) [2C]	250	624800										
Aroclor-1016 (4) [2C]	250	308772.4										
Aroclor-1016 (5) [2C]	250	338084.6										
Aroclor-1260 (1)	250	735200										
Aroclor-1260 (2)	250	1128800										
Aroclor-1260 (3)	250	742000										
Aroclor-1260 (4)	250	756400										
Aroclor-1260 (5)	250	1744400										
Aroclor-1260 (1) [2C]	250	962800										
Aroclor-1260 (2) [2C]	250	1565600										
Aroclor-1260 (3) [2C]	250	1020800										
Aroclor-1260 (4) [2C]	250	1006800										
Aroclor-1260 (5) [2C]	250	2354400										
Decachlorobiphenyl	250	1.47188E+07										
Decachlorobiphenyl [2C]	250	1.25604E+07										
Tetrachloro-m-xylene	250	1.69596E+07										
Tetrachloro-m-xylene [2C]	250	1.65328E+07										

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200005	Instrument:	ECD 2A
		Calibration Date:	1/6/2012 12:00:42AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Aroclor-1016 (1)	613662.6	11.1			15	
Aroclor-1016 (2)	262221.5	11.8			15	
Aroclor-1016 (3)	314690.3	5.4			15	
Aroclor-1016 (4)	287742.5	9.5			15	
Aroclor-1016 (5)	273720.3	4.6			15	
Aroclor-1016 (1) [2C]	396645.8	9.8			15	
Aroclor-1016 (2) [2C]	732498.2	9.6			15	
Aroclor-1016 (3) [2C]	712875.6	10.8			15	
Aroclor-1016 (4) [2C]	344780.2	8.7			15	
Aroclor-1016 (5) [2C]	377374.6	9.4			15	
Aroclor-1260 (1)	844338.4	14.3			15	
Aroclor-1260 (2)	1206305	7.3			15	
Aroclor-1260 (3)	807338.3	8.5			15	
Aroclor-1260 (4)	793127.1	5.3			15	
Aroclor-1260 (5)	1792264	5.2			15	
Aroclor-1260 (1) [2C]	1082019	11.9			15	
Aroclor-1260 (2) [2C]	1743514	12.0			15	
Aroclor-1260 (3) [2C]	1129151	10.1			15	
Aroclor-1260 (4) [2C]	1091416	7.8			15	
Aroclor-1260 (5) [2C]	2467099	3.0			15	
Decachlorobiphenyl	1.424623E+07	2.4			15	
Decachlorobiphenyl [2C]	1.295105E+07	2.8			15	
Tetrachloro-m-xylene	1.638212E+07	3.6			15	
Tetrachloro-m-xylene [2C]	1.700689E+07	1.7			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001665	Instrument:	ECD 2A
Calibration:	1200005		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1201045	Aroclor 1260/1016 Standard=5 ppb	S001665-CAL1	B0106030.d	01/06/12 16:03
1201044	Aroclor 1260/1016 Standard=10 ppb	S001665-CAL2	B0106031.d	01/06/12 16:16
1201043	Aroclor 1260/1016 Standard=20 ppb	S001665-CAL3	B0106032.d	01/06/12 16:29
1201042	Aroclor 1260/1016 Standard=50 ppb	S001665-CAL4	B0106033.d	01/06/12 16:42
1201041	Aroclor 1260/1016 Standard=100 ppb	S001665-CAL5	B0106034.d	01/06/12 16:54
1201040	Aroclor 1260/1016 Standard=200 ppb	S001665-CAL6	B0106035.d	01/06/12 17:07
1201039	Aroclor 1260/1016 Standard=250 ppb	S001665-CAL7	B0106036.d	01/06/12 17:20

Response Factor Report ECD 2A

Method Path : C:\msdchem\1\METHODS\
Method File : 2-1260-010612C.M
Title : 1260/1016 01/06/12 01/06/12
Last Update : Fri Jan 06 17:34:47 2012
Response Via : Initial Calibration

Calibration Files
5 =B0106030.d 10 =B0106031.d 20 =B0106032.d
50 =B0106033.d 100 =B0106034.d 200 =B0106035.d

		Compound	5	10	20	50	100	200	Avg		%RSD
1)	S	Tetrachloro-m...	1.569	1.567	1.600	1.650	1.680	1.705	1.638	E7	3.62
2)	S	Decachlorobip...	1.471	1.417	1.386	1.396	1.402	1.428	1.425	E7	2.44
3)	L1	1016{1}		7.373	6.369	6.146	5.753	5.649	6.136	E5	11.15
4)	L1	1016{2}		3.111	2.855	2.617	2.473	2.370	2.622	E5	11.79
5)	L1	1016{3}		2.896	3.391	3.264	3.156	3.105	3.147	E5	5.39
6)	L1	1016{4}		3.215	3.189	2.902	2.734	2.645	2.877	E5	9.51
7)	L1	1016{5}		2.839	2.805	2.869	2.744	2.603	2.737	E5	4.64
8)	L7	1260{1}		1.047	0.916	0.847	0.778	0.743	0.844	E6	14.31
9)	L7	1260{2}		1.353	1.260	1.213	1.152	1.131	1.206	E6	7.33
10)	L7	1260{3}		9.133	8.596	8.169	7.658	7.465	8.073	E5	8.54
11)	L7	1260{4}		8.614	8.154	8.041	7.645	7.570	7.932	E5	5.27
12)	L7	1260{5}		1.888	1.934	1.740	1.715	1.732	1.792	E6	5.23

Signal #2 Calibration Files
5 =B0106030.d 10 =B0106032.d 20 =B0106034.d
50 =B0106036.d 100 =B0106035.d 200 =B0106033.d

		Compound	5	10	20	50	100	200	Avg		%RSD
1)	S	Tetrachloro-m...	1.746	1.711	1.702	1.705	1.705	1.682	1.701	E7	1.66
2)	S	Decachlorobip...	1.355	1.328	1.297	1.297	1.275	1.258	1.295	E7	2.82
3)	L1	1016{1}		3.489	3.621	3.871	4.539	4.211	3.966	E5	9.79
4)	L1	1016{2}		8.074	8.183	7.478	7.030	6.669	7.325	E5	9.64
5)	L1	1016{3}		7.644	8.236	7.414	6.825	6.405	7.129	E5	10.80
6)	L1	1016{4}		3.702	3.831	3.575	3.332	3.159	3.448	E5	8.74
7)	L1	1016{5}		4.118	4.225	3.887	3.589	3.443	3.774	E5	9.42
8)	L7	1260{1}		1.230	1.251	1.071	1.003	0.974	1.082	E6	11.87
9)	L7	1260{2}		2.050	1.958	1.700	1.613	1.575	1.743	E6	11.99
10)	L7	1260{3}		1.288	1.248	1.126	1.061	1.030	1.129	E6	10.14
11)	L7	1260{4}		1.181	1.202	1.102	1.042	1.014	1.091	E6	7.76
12)	L7	1260{5}		2.491	2.577	2.498	2.450	2.432	2.467	E6	3.02

(#) = Out of Range ### Number of calibration levels exceeded format ###

DATA ANALYSIS PARAMETERS

Method Name: C:\msdchem\1\METHODS\2-1260-010612C.M

Percent Report Settings

Sort By: Signal

Output Destination
    Screen: No
    Printer: Yes
    File: No

Integration Events: AutoIntegrate

Generate Report During Run Method: No

Signal Correlation Window: 0.020

Quantitative Report Settings

Report Type: Summary

Output Destination
    Screen: Yes
    Printer: No
    File: No

Generate Report During Run Method: Yes

1260/1016 01/06/12 01/06/12
Calibration Last Updated: Fri Jan 06 17:34:47 2012

Reference Window: 2.00 Minutes
Non-Reference Window: 1.00 Minutes
Correlation Window: 0.10 minutes
Default Multiplier: 1.00
Default Sample Concentration: 0.00

Compound Information

1) Tetrachloro-m-xylene ( )
Ret. Time 2.475 min., Extract & Integrate from 2.445 to 2.505 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	78428772
10		10.000	156726791
20		20.000	319987594
50		50.000	825064676
100		100.000	1680275258
200		200.000	3410898506
250		250.000	4239873377

Curve Fit: Avg. RF

2) Decachlorobiphenyl ( )
Ret. Time 6.650 min., Extract & Integrate from 6.620 to 6.680 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	73553942
10		10.000	141692627
20		20.000	277292185
50		50.000	697941337
100		100.000	1401805114
200		200.000	2856609398
250		250.000	3679668233

Curve Fit: Avg. RF

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3) 1016{1} ( )
Ret. Time 3.018 min., Extract & Integrate from 2.988 to 3.048 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	7373449
20		20.000	12737845
50		50.000	30732105
100		100.000	57529653
200		200.000	112978842
250		250.000	138191784

Curve Fit: Avg. RF

---

4) 1016{2} ( )
Ret. Time 3.177 min., Extract & Integrate from 3.147 to 3.207 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	3110596
20		20.000	5710712
50		50.000	13083201
100		100.000	24734055
200		200.000	47409491
250		250.000	57670484

Curve Fit: Avg. RF

---

5) 1016{3} ( )
Ret. Time 3.511 min., Extract & Integrate from 3.481 to 3.541 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	2896140
20		20.000	6781207
50		50.000	16318310
100		100.000	31562180
200		200.000	62100588
250		250.000	76744148

Curve Fit: Avg. RF

---

6) 1016{4} ( )
Ret. Time 3.621 min., Extract & Integrate from 3.591 to 3.651 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	3214884
20		20.000	6377762
50		50.000	14507669
100		100.000	27337912

200	200.000	52898535
250	250.000	64513378

Curve Fit: Avg. RF

7) 1016{5} ( )
Ret. Time 3.837 min., Extract & Integrate from 3.807 to 3.867 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	2839184
20		20.000	5609397
50		50.000	14343869
100		100.000	27443517
200		200.000	52065076
250		250.000	64073964

Curve Fit: Avg. RF

8) 1260{1} ( )
Ret. Time 4.719 min., Extract & Integrate from 4.689 to 4.749 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	10474854
20		20.000	18317162
50		50.000	42345117
100		100.000	77758509
200		200.000	148609821
250		250.000	183802657

Curve Fit: Avg. RF

9) 1260{2} ( )
Ret. Time 4.941 min., Extract & Integrate from 4.912 to 4.971 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	13530487
20		20.000	25208505
50		50.000	60627885
100		100.000	115210679
200		200.000	226155911
250		250.000	282240231

Curve Fit: Avg. RF

10) 1260{3} ( )
Ret. Time 5.258 min., Extract & Integrate from 5.228 to 5.288 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	9132631
20		20.000	17192376
50		50.000	40842744
100		100.000	76579310
200		200.000	149291166
250		250.000	185474778

Curve Fit: Avg. RF

11) 1260{4} ( )
Ret. Time 5.459 min., Extract & Integrate from 5.429 to 5.489 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	8614205
20		20.000	16308069
50		50.000	40202936
100		100.000	76447970
200		200.000	151400586
250		250.000	189136267

Curve Fit: Avg. RF

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12) 1260{5} ( )

Ret. Time 5.712 min., Extract & Integrate from 5.682 to 5.742 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	18879047
20		20.000	38682839
50		50.000	86981930
100		100.000	171472538
200		200.000	346480901
250		250.000	436088232

Curve Fit: Avg. RF

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13) Signal #2 ( )

Ret. Time 10.904 min., Extract & Integrate from 10.874 to 10.934 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	-1
10		10.000	-1
20		20.000	-1
50		50.000	-1
100		100.000	-1
200		200.000	-1
250		250.000	-1

Curve Fit: Avg. RF

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14) Tetrachloro-m-xylene #2 ( )

Ret. Time 2.329 min., Extract & Integrate from 2.299 to 2.359 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	87284648
10		10.000	171126202
20		20.000	340472666
50		50.000	852721943
100		100.000	1704735062
200		200.000	3364478067
250		250.000	4133186118

Curve Fit: Avg. RF

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15) Decachlorobiphenyl #2 ( )

Ret. Time 6.697 min., Extract & Integrate from 6.667 to 6.727 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	67749839
10		10.000	132779910
20		20.000	259352404
50		50.000	648609387
100		100.000	1274512386
200		200.000	2516033915
250		250.000	3140121786

Curve Fit: Avg. RF

16) 1016{1} #2 ( )
Ret. Time 2.692 min., Extract & Integrate from 2.662 to 2.722 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	3489250
20		20.000	7241290
50		50.000	19355404
100		100.000	45392132
200		200.000	84211173
250		250.000	101691187

Curve Fit: Avg. RF

17) 1016{2} #2 ( )
Ret. Time 2.977 min., Extract & Integrate from 2.947 to 3.007 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	8073852
20		20.000	16365498
50		50.000	37388866
100		100.000	70295208
200		200.000	133375938
250		250.000	162912228

Curve Fit: Avg. RF

18) 1016{3} #2 ( )
Ret. Time 3.404 min., Extract & Integrate from 3.374 to 3.433 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	7644144
20		20.000	16471682
50		50.000	37071332
100		100.000	68252849
200		200.000	128105060
250		250.000	156214220

Curve Fit: Avg. RF

19) 1016{4} #2 ( )
Ret. Time 3.548 min., Extract & Integrate from 3.518 to 3.578 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	3701985
20		20.000	7662172
50		50.000	17875514
100		100.000	33318323
200		200.000	63181674
250		250.000	77193104

Curve Fit: Avg. RF

20) 1016{5} #2 ( )
Ret. Time 3.579 min., Extract & Integrate from 3.549 to 3.609 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	4117663
20		20.000	8449079

50	50.000	19436452
100	100.000	35892074
200	200.000	68858583
250	250.000	84521151

Curve Fit: Avg. RF

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21) 1260{1} #2 ( )

Ret. Time 4.712 min., Extract & Integrate from 4.683 to 4.742 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	12297171
20		20.000	25013259
50		50.000	53571764
100		100.000	100289630
200		200.000	194888688
250		250.000	240670270

Curve Fit: Avg. RF

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22) 1260{2} #2 ( )

Ret. Time 5.164 min., Extract & Integrate from 5.134 to 5.194 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	20496085
20		20.000	39152065
50		50.000	85013578
100		100.000	161268720
200		200.000	315010993
250		250.000	391406785

Curve Fit: Avg. RF

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23) 1260{3} #2 ( )

Ret. Time 5.239 min., Extract & Integrate from 5.209 to 5.268 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	12883883
20		20.000	24960743
50		50.000	56309033
100		100.000	106144419
200		200.000	206084017
250		250.000	255161227

Curve Fit: Avg. RF

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24) 1260{4} #2 ( )

Ret. Time 5.475 min., Extract & Integrate from 5.445 to 5.505 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	11805636
20		20.000	24047461
50		50.000	55112833
100		100.000	104210331
200		200.000	202874772
250		250.000	251703389

Curve Fit: Avg. RF

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25) 1260{5} #2 ( )

Ret. Time 5.684 min., Extract & Integrate from 5.654 to 5.714 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	24909193
20		20.000	51535489
50		50.000	124889484
100		100.000	244974232
200		200.000	486486882
250		250.000	588584300

Curve Fit: Avg. RF

END OF DATA ANALYSIS PARAMETERS

Tue Jan 17 17:44:28 2012

Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:03 pm
Operator : JMB
Sample : S001665-CAL1 Inst : ECD 2A
Misc : 1260/1016 5
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:13 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.330	78428772	87284648	NoCal	NoCal
Spiked Amount	200.000	Range 60 - 300	Recovery =		0.00%#	0.00%#
2) S Decachlor...	6.650	6.697	73553942	67749839	NoCal	NoCal
Spiked Amount	200.000	Range 60 - 300	Recovery =		0.00%#	0.00%#
Target Compounds						
3) L1 1016{1}	3.018	2.694	3665712	1660049	NoCal	NoCal
4) L1 1016{2}	3.169	2.979	1603425	4282344	NoCal	NoCal
5) L1 1016{3}	3.510	3.406	1391269	4146402	NoCal	NoCal
6) L1 1016{4}	3.602f	3.548	1270380	1080510	NoCal	NoCal
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	0	N.D.	N.D.
Average 1016					0.000	0.000
8) L7 1260{1}	4.719	4.714	6186353	7681059	NoCal	NoCal
9) L7 1260{2}	4.941	5.167	7269063	9392587	NoCal	NoCal
10) L7 1260{3}	5.259	5.240	4746401	6432227	NoCal	NoCal
11) L7 1260{4}	5.458	5.476	4144470	6116016	NoCal	NoCal
12) L7 1260{5}	5.712	5.685	9985833	13199174	NoCal	NoCal
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

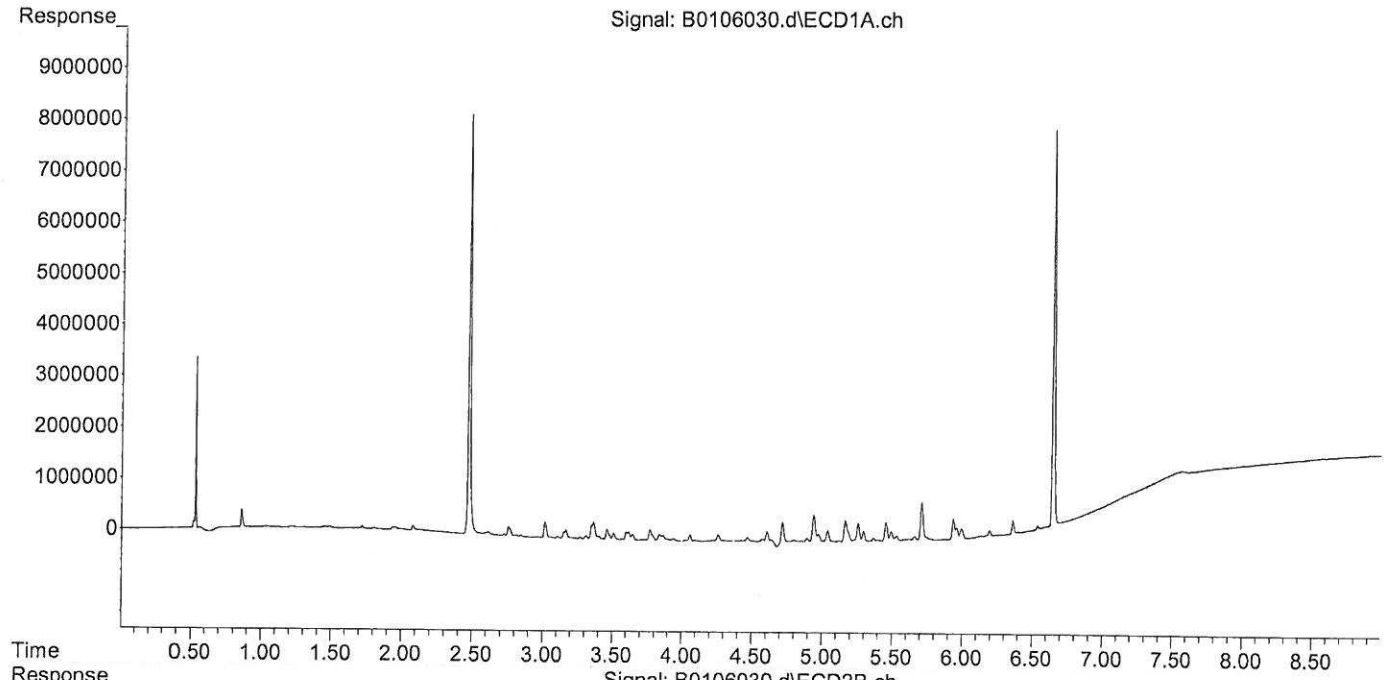
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

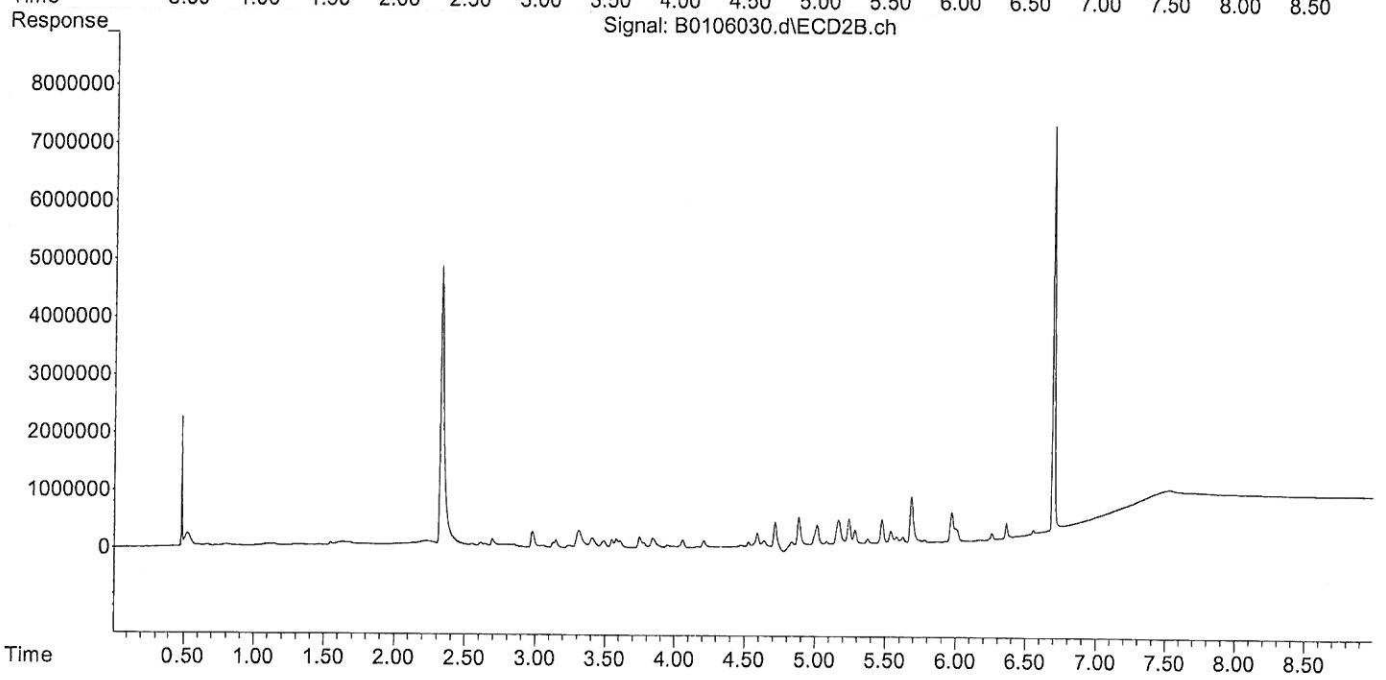
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:03 pm
Operator : JMB
Sample : S001665-CAL1 Inst : ECD 2A
Misc : 1260/1016 5
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:13 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\010612\
Data File : B0106031.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:16 pm
Operator : JMB
Sample : 1260/1016 10 Inst : ECD 2A
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:33:05 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:32:36 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.330	156.7E6	171.1E6	9.992	9.803
Spiked Amount 200.000	Range 60 - 300		Recovery =		5.00%#	4.90%#
2) S Decachlor...	6.650	6.697	141.7E6	132.8E6	9.632	9.799
Spiked Amount 200.000	Range 60 - 300		Recovery =		4.82%#	4.90%#
Target Compounds						
3) L1 1016{1}	3.018	2.694	7373449	3489250	NoCal	NoCal
4) L1 1016{2}	3.169	2.978	3110596	8073852	NoCal	NoCal
5) L1 1016{3}	3.510	3.405	2896140	7644144	NoCal	NoCal
6) L1 1016{4}	3.620	3.549	3214884	3701985	NoCal	NoCal
7) L1 1016{5}	3.837	3.580	2839184	4117663	NoCal	NoCal
Sum 1016			0	0	N.D.	N.D.
Average 1016					0.000	0.000
8) L7 1260{1}	4.719	4.714	10474854	12297171	NoCal	NoCal m
9) L7 1260{2}	4.942	5.166	13530487	20496085	NoCal	NoCal
10) L7 1260{3}	5.259	5.239	9132631	12883883	NoCal	NoCal
11) L7 1260{4}	5.458	5.476	8614205	11805636	NoCal	NoCal
12) L7 1260{5}	5.711	5.685	18879047	24909193	NoCal	NoCal
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

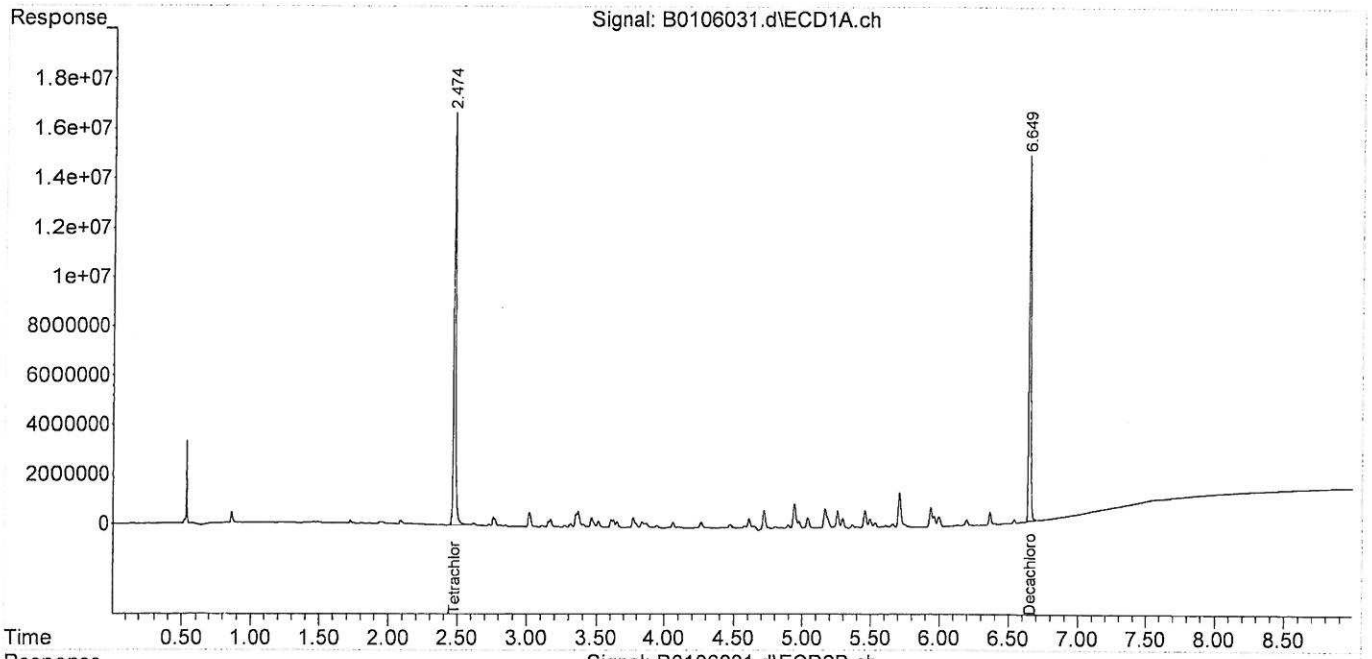
CHECKED BY: PETER GRYSZKIEWICZ JAN 06 2012

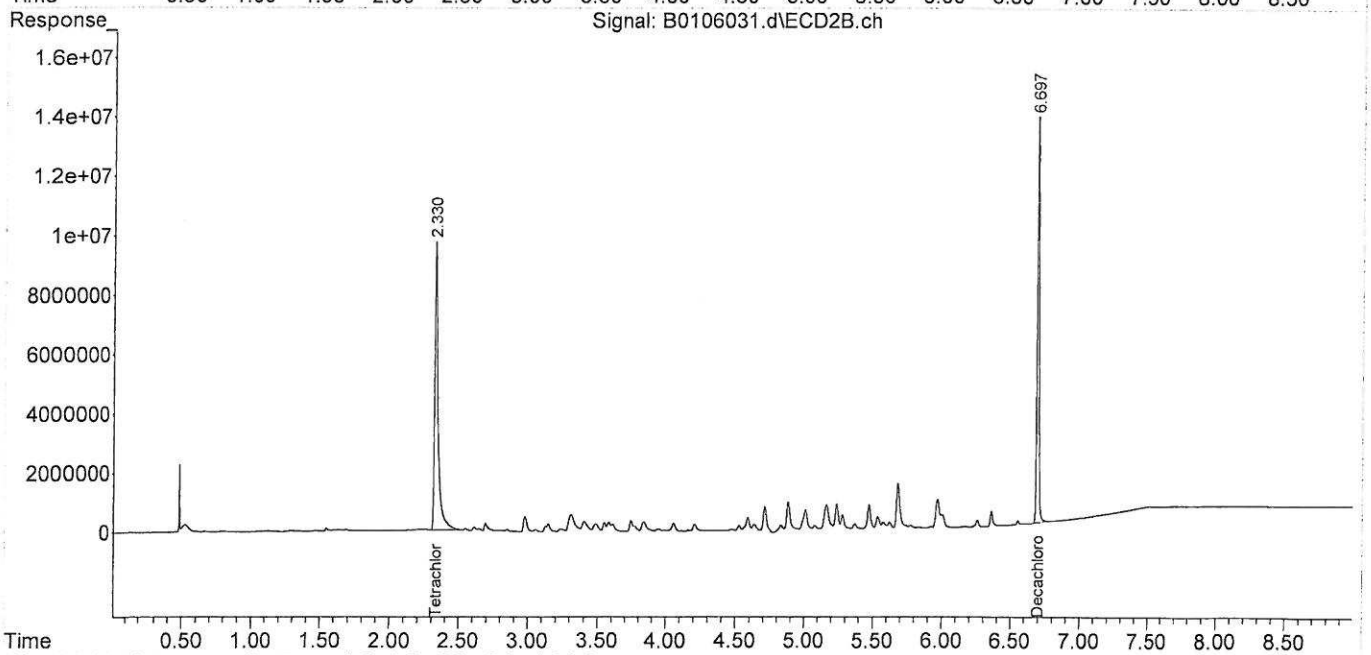
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\010612\
Data File : B0106031.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:16 pm
Operator : JMB
Sample : 1260/1016 10 Inst : ECD 2A
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:33:05 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:32:36 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



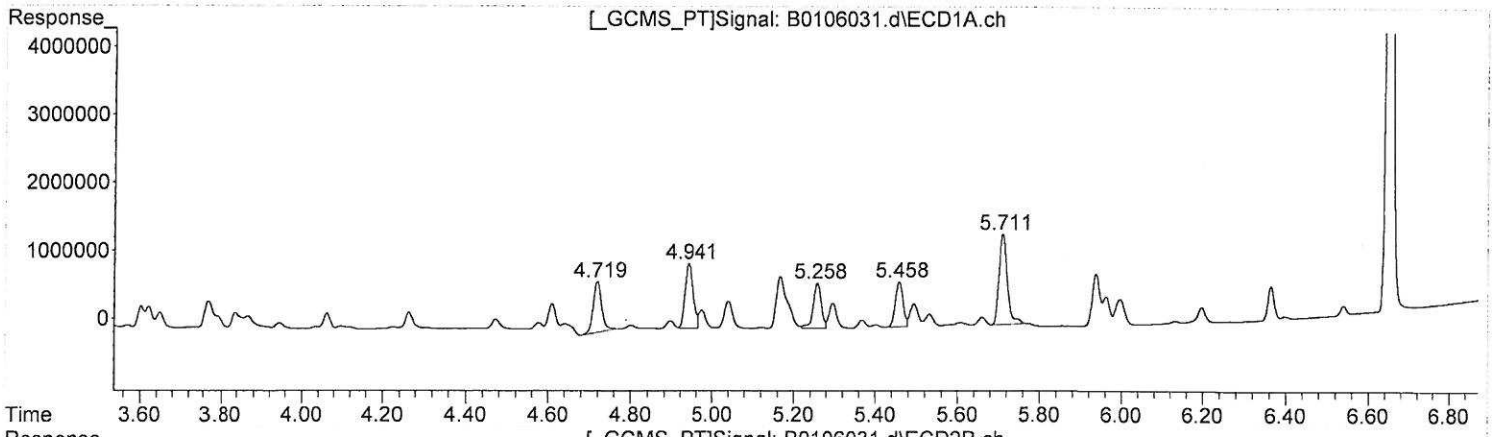


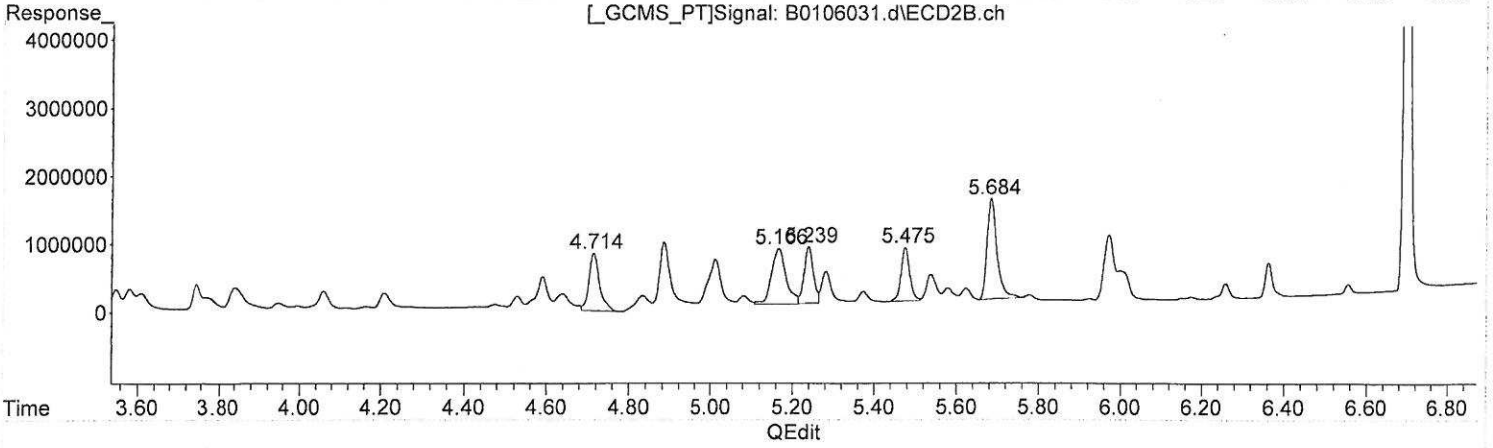
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\010612\
Data File : B0106031.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:16 pm
Operator : JMB
Sample : 1260/1016 10 Inst : ECD 2A
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:32:36 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:32:36 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





(8) 1260{1} (L7)

R.T.	Response	Conc
4.72	10474854	0.00
4.94	13530487	0.00
5.26	9132631	0.00
5.46	8614205	0.00
5.71	18879047	0.00

(8) 1260{1}#2 (L7)

R.T.	Response	Conc
4.71	14685101	0.00
5.17	20496085	0.00
5.24	12883883	0.00
5.48	11805636	0.00
5.68	24909193	0.00

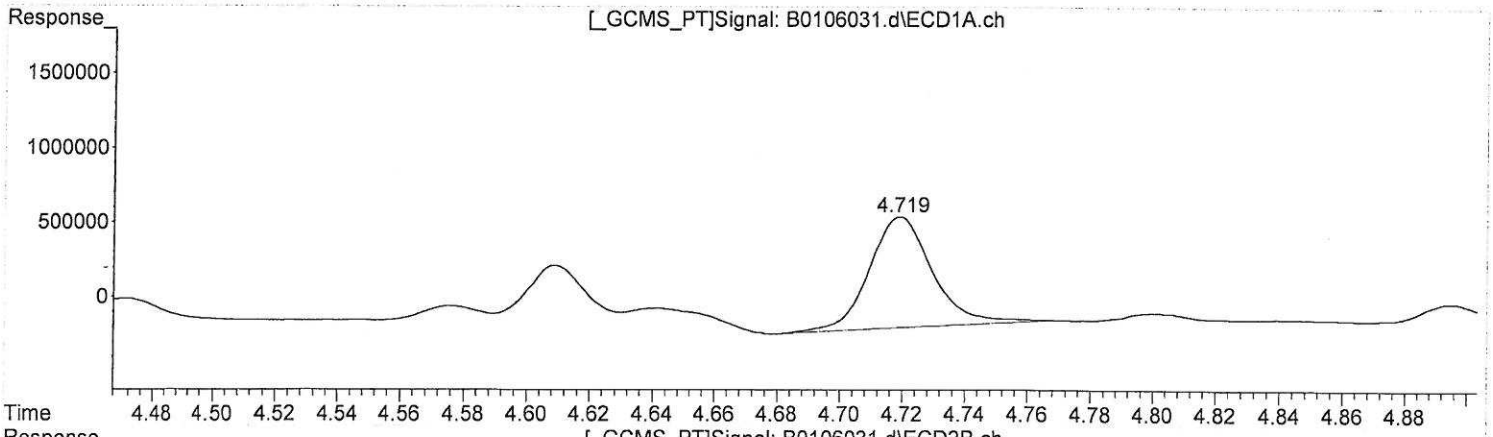
(+) = Expected Retention Time

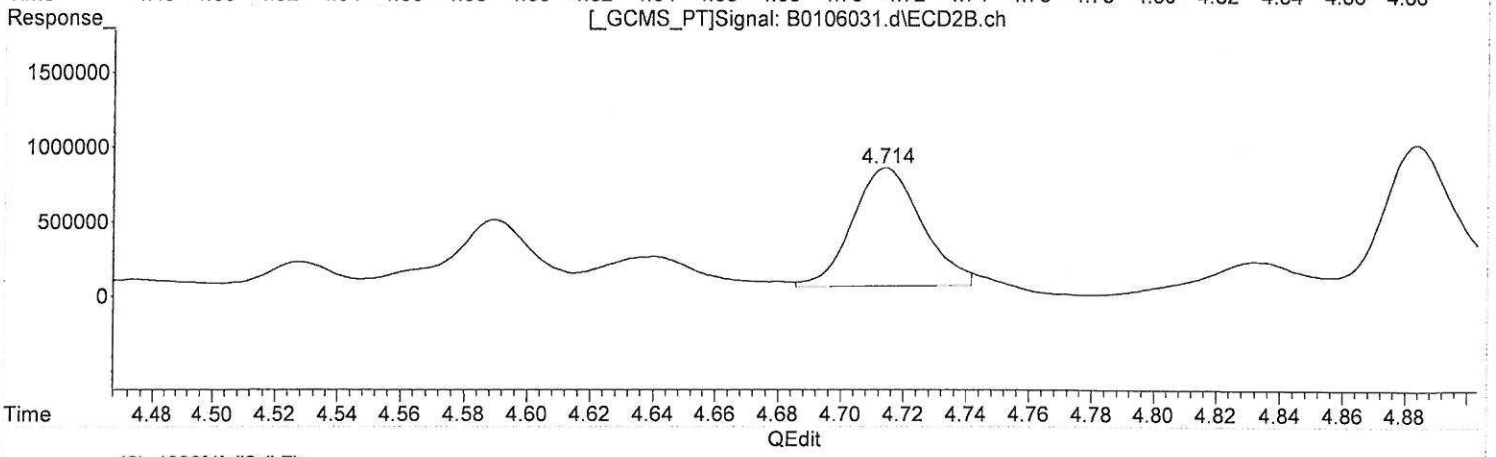
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\010612\
Data File : B0106031.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:16 pm
Operator : JMB
Sample : 1260/1016 10 Inst : ECD 2A
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:32:36 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:32:36 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





(8) 1260{1}#2 (L7)

R.T.	Response	Conc
4.72	10474854	0.00
4.94	13530487	0.00
5.26	9132631	0.00
5.46	8614205	0.00
5.71	18879047	0.00

(8) 1260{1}#2 (L7)

R.T.	Response	Conc
4.71	12297171	0.00
5.17	20496085	0.00
5.24	12883883	0.00
5.48	11805636	0.00
5.68	24909193	0.00

(+) = Expected Retention Time

Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106032.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:29 pm
Operator : JMB
Sample : S001665-CAL3 Inst : ECD 2A
Misc : 1260/1016 20
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.330	320.0E6	340.5E6	20.400	19.504
Spiked Amount 200.000	Range 60 - 300		Recovery =		10.20%#	9.75%#
2) S Decachlor...	6.651	6.697	277.3E6	259.4E6	18.850	19.140
Spiked Amount 200.000	Range 60 - 300		Recovery =		9.43%#	9.57%#
Target Compounds						
3) L1 1016{1}	3.018	2.693	12737845	7241290	NoCal	NoCal
4) L1 1016{2}	3.169	2.978	5710712	16365498	NoCal	NoCal
5) L1 1016{3}	3.510	3.404	6781207	16471682	NoCal	NoCal
6) L1 1016{4}	3.620	3.549	6377762	7662172	NoCal	NoCal
7) L1 1016{5}	3.837	3.580	5609397	8449079	NoCal	NoCal
Sum 1016			0	0	N.D.	N.D.
Average 1016					0.000	0.000
8) L7 1260{1}	4.720	4.714	18317162	25013259	NoCal	NoCal
9) L7 1260{2}	4.942	5.166	25208505	39152065	NoCal	NoCal
10) L7 1260{3}	5.259	5.240	17192376	24960743	NoCal	NoCal
11) L7 1260{4}	5.459	5.476	16308069	24047461	NoCal	NoCal
12) L7 1260{5}	5.712	5.685	38682839	51535489	NoCal	NoCal
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

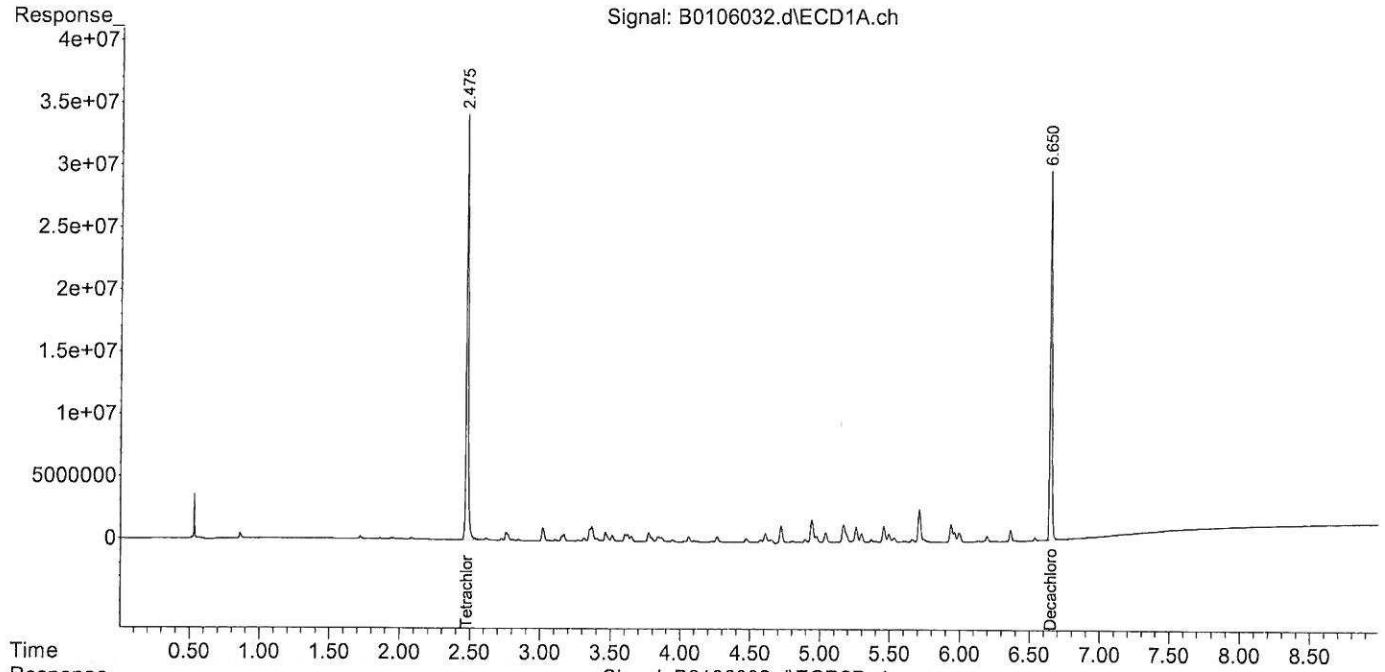
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

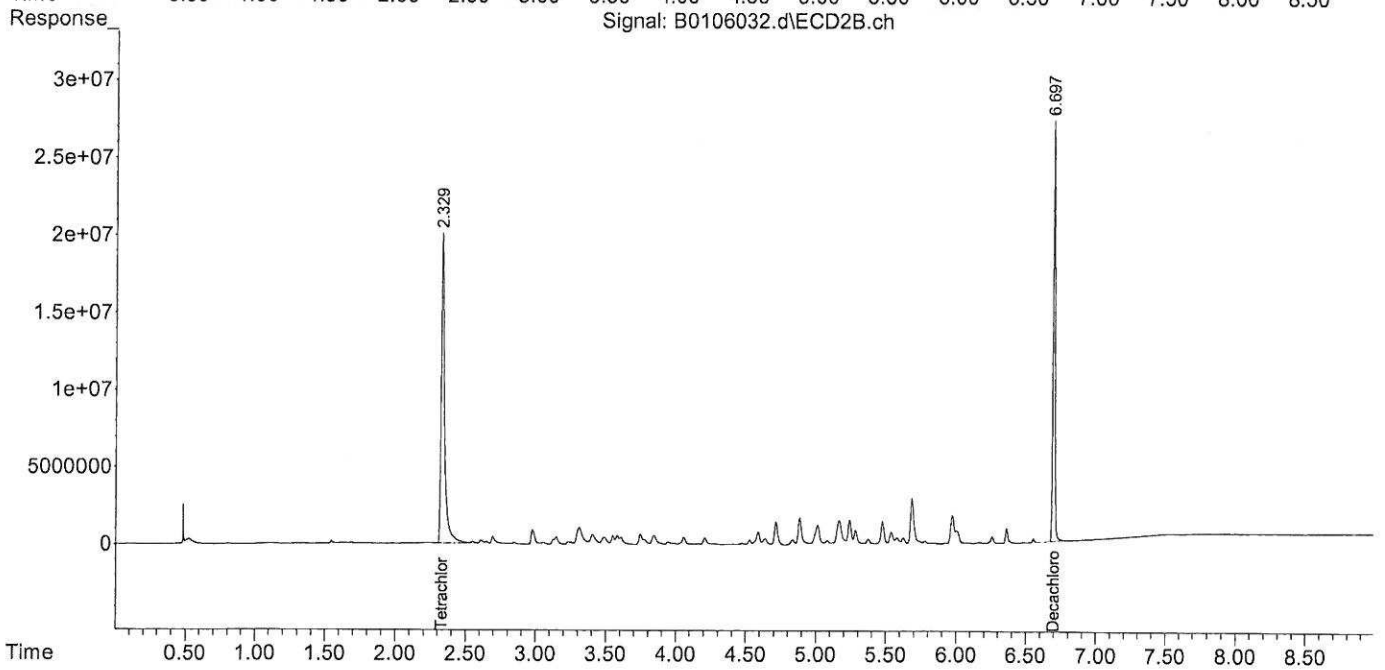
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106032.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:29 pm
Operator : JMB
Sample : S001665-CAL3 Inst : ECD 2A
Misc : 1260/1016 20
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106033.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:42 pm
Operator : JMB
Sample : S001665-CAL4 Inst : ECD 2A
Misc : 1260/1016 50
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.330	825.1E6	852.7E6	16.461	16.849
Spiked Amount 200.000	Range	60 - 300	Recovery =		8.23%#	8.42%#
2) S Decachlor...	6.651	6.697	697.9E6	648.6E6	16.255	16.964
Spiked Amount 200.000	Range	60 - 300	Recovery =		8.13%#	8.48%#
Target Compounds						
3) L1 1016{1}	3.018	2.694	30732105	19355404	15.282	13.190
4) L1 1016{2}	3.169	2.979	13083201	37388866	15.234	15.350
5) L1 1016{3}	3.510	3.404	16318310	37071332	14.794	15.666
6) L1 1016{4}	3.620	3.549	14507669	17875514	15.176	15.518
7) L1 1016{5}	3.837	3.580	14343869	19436452	15.361	15.492
Sum 1016			88985154	131.1E6	75.846	75.215
Average 1016					15.169	15.043
8) L7 1260{1}	4.719	4.714	42345117	53571764	15.565	15.008
9) L7 1260{2}	4.941	5.166	60627885	85013578	14.981	14.813
10) L7 1260{3}	5.258	5.240	40842744	56309033	15.196	15.048
11) L7 1260{4}	5.459	5.476	40202936	55112833	14.959	15.019
12) L7 1260{5}	5.711	5.685	86981930	124.9E6	14.127	14.676
Sum 1260			271.0E6	374.9E6	74.829	74.565
Average 1260					14.966	14.913

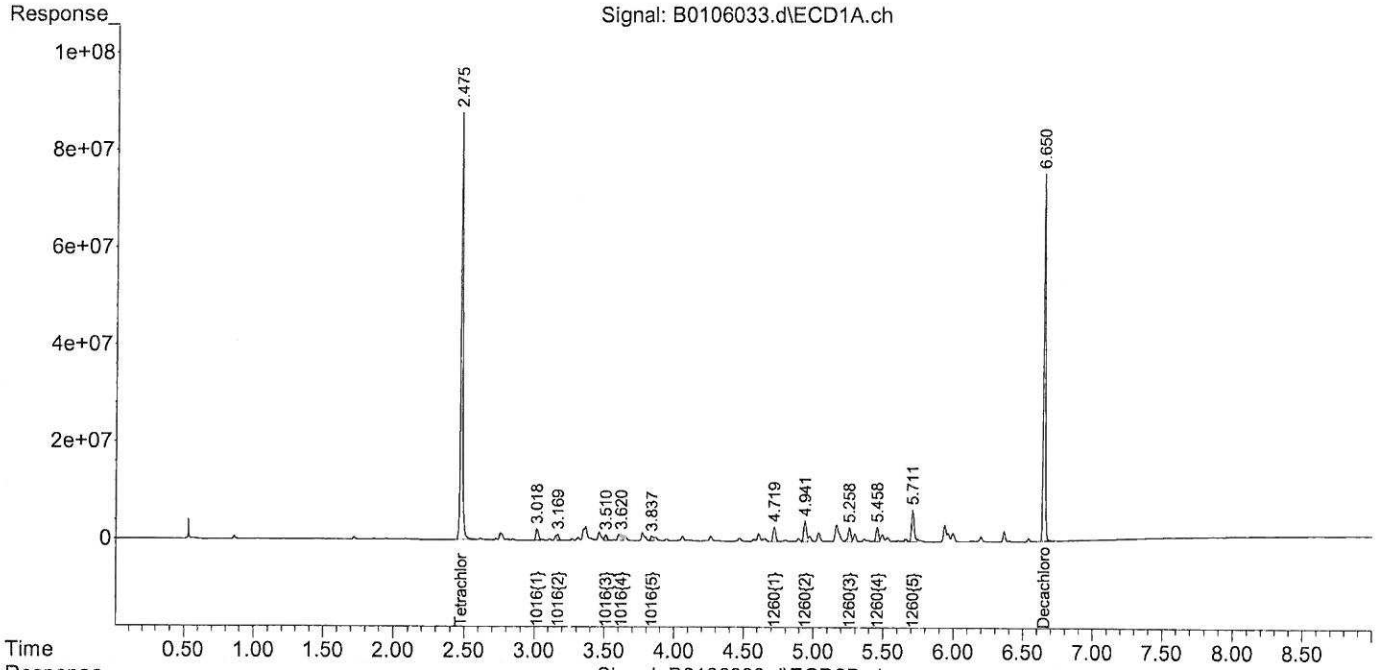
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

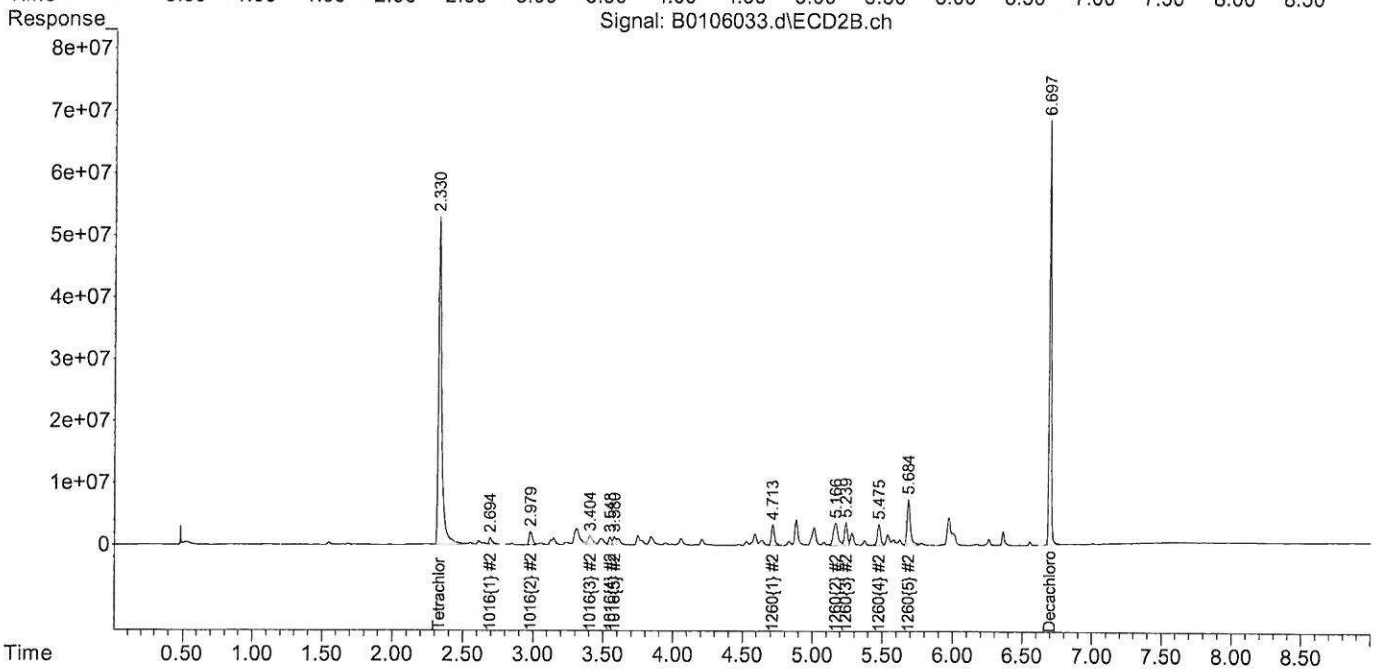
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106033.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:42 pm
Operator : JMB
Sample : S001665-CAL4 Inst : ECD 2A
Misc : 1260/1016 50
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106034.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:54 pm
Operator : JMB
Sample : S001665-CAL5 Inst : ECD 2A
Misc : 1260/1016 100
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	2.475	2.329	1680.3E6	1704.7E6	70.475	66.198	
	Spiked Amount 200.000	Range 60 - 300		Recovery =		35.24%#	33.10%#	
2)	S Decachlor...	6.650	6.697	1401.8E6	1274.5E6	66.061	64.556	
	Spiked Amount 200.000	Range 60 - 300		Recovery =		33.03%#	32.28%#	
	Target Compounds							
3)	L1 1016{1}	3.018	2.694	57529653	45392132	45.164	62.685	#
4)	L1 1016{2}	3.168	2.979	24734055	70295208	43.312	42.953	
5)	L1 1016{3}	3.509	3.403	31562180	68252849	46.544	41.436	
6)	L1 1016{4}	3.620	3.548	27337912	33318323	42.864	43.484	
7)	L1 1016{5}	3.836	3.579	27443517	35892074	48.924	42.480	
	Sum 1016			168.6E6	253.2E6	226.808	233.040	
Average	1016					45.362	46.608	
8)	L7 1260{1}	4.719	4.713	77758509	100.3E6	42.451	40.095	
9)	L7 1260{2}	4.941	5.166	115.2E6	161.3E6	45.703	41.190	
10)	L7 1260{3}	5.258	5.239	76579310	106.1E6	44.543	42.525	
11)	L7 1260{4}	5.458	5.475	76447970	104.2E6	46.877	43.335	
12)	L7 1260{5}	5.711	5.684	171.5E6	245.0E6	44.328	47.535	
	Sum 1260			517.5E6	716.9E6	223.902	214.680	
Average	1260					44.780	42.936	

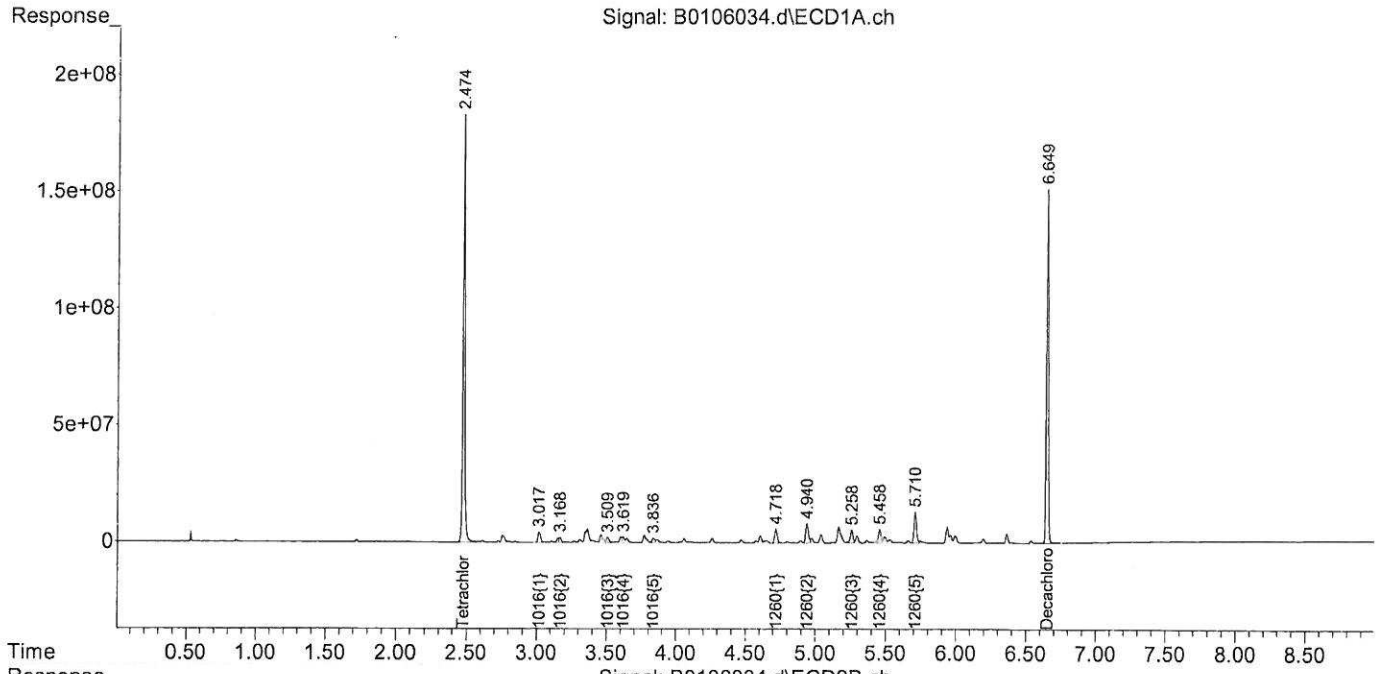
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

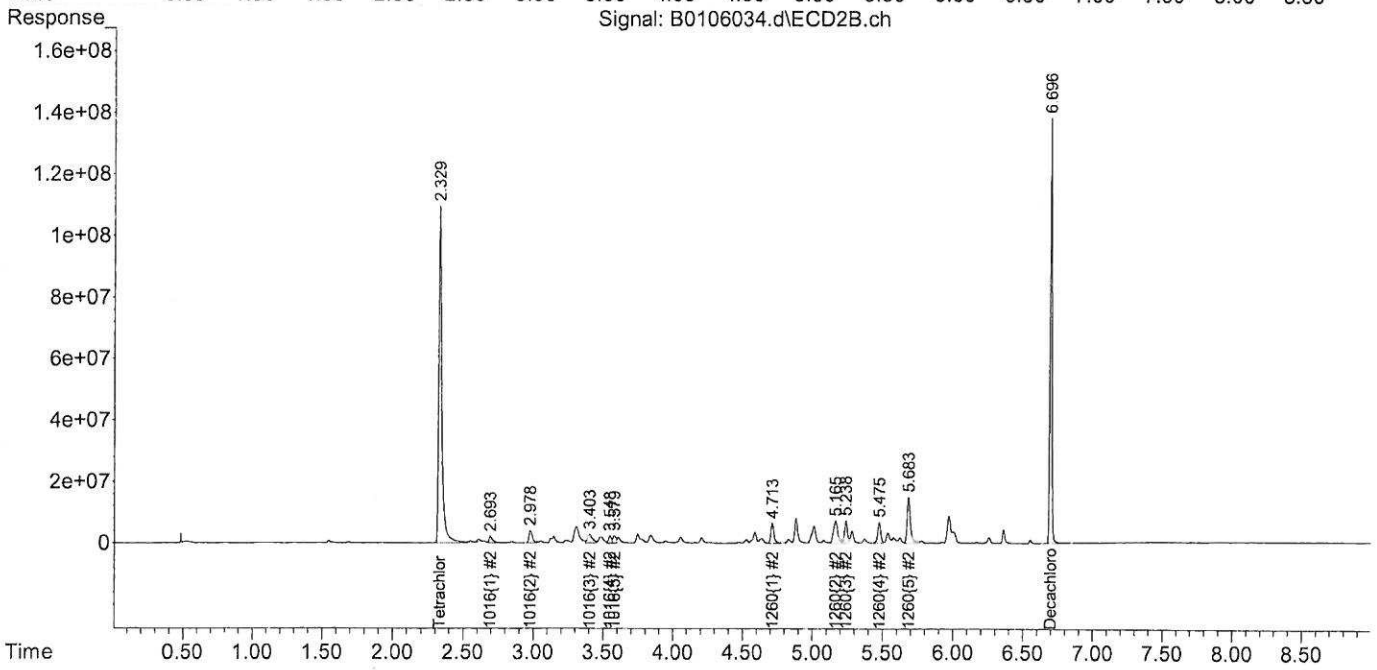
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106034.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:54 pm
Operator : JMB
Sample : S001665-CAL5 Inst : ECD 2A
Misc : 1260/1016 100
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106035.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:07 pm
Operator : JMB
Sample : S001665-CAL6 Inst : ECD 2A
Misc : 1260/1016 200
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.329	3410.9E6	3364.5E6	63.020	61.338
Spiked Amount 200.000	Range 60 - 300		Recovery =		31.51%#	30.67%#
2) S Decachlor...	6.651	6.697	2856.6E6	2516.0E6	61.392	60.622
Spiked Amount 200.000	Range 60 - 300		Recovery =		30.70%#	30.31%#
Target Compounds						
3) L1 1016{1}	3.018	2.693	113.0E6	84211173	49.021	50.250
4) L1 1016{2}	3.169	2.978	47409491	133.4E6	48.031	47.580
5) L1 1016{3}	3.510	3.403	62100588	128.1E6	49.142	46.959
6) L1 1016{4}	3.620	3.548	52898535	63181674	48.163	47.672
7) L1 1016{5}	3.837	3.579	52065076	68858583	48.589	47.709
Sum 1016			327.5E6	477.7E6	242.947	240.170
Average 1016					48.589	48.034
8) L7 1260{1}	4.719	4.713	148.6E6	194.9E6	47.450	47.421
9) L7 1260{2}	4.941	5.165	226.2E6	315.0E6	48.719	47.713
10) L7 1260{3}	5.258	5.238	149.3E6	206.1E6	48.378	47.902
11) L7 1260{4}	5.458	5.475	151.4E6	202.9E6	49.178	48.115
12) L7 1260{5}	5.710	5.683	346.5E6	486.5E6	49.114	50.026
Sum 1260			1021.9E6	1405.3E6	242.840	241.177
Average 1260					48.568	48.235

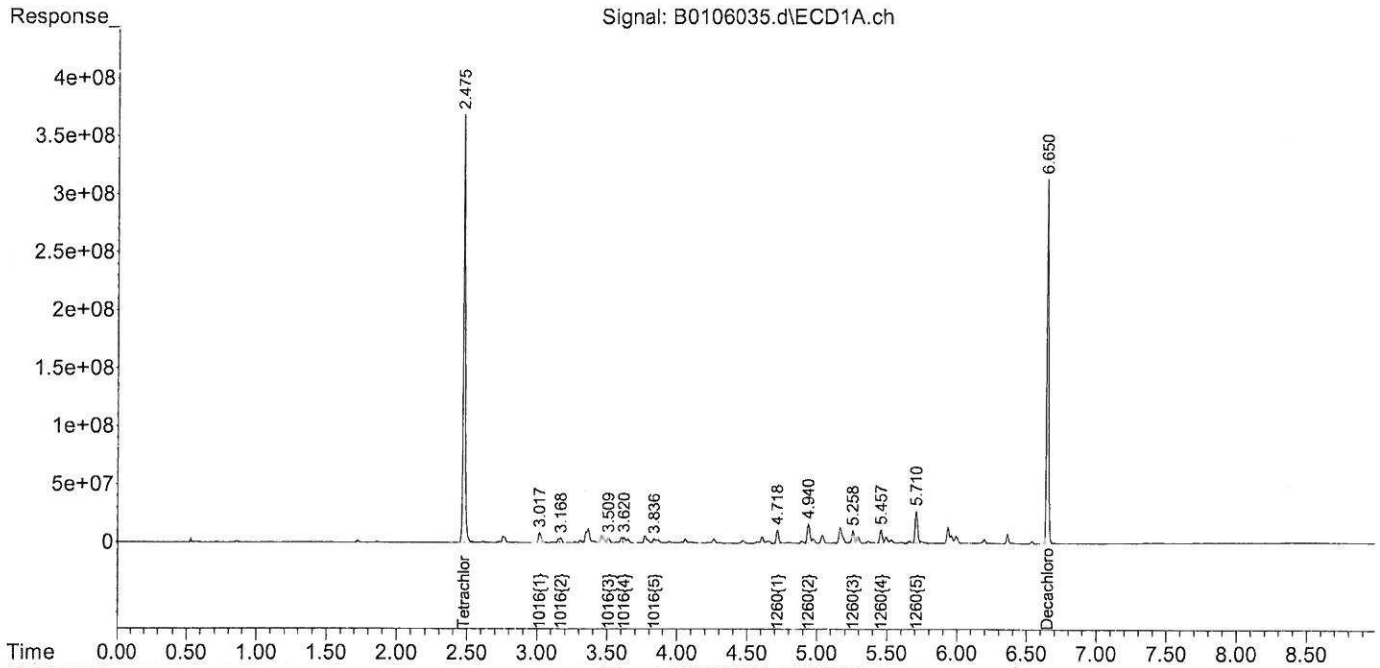
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

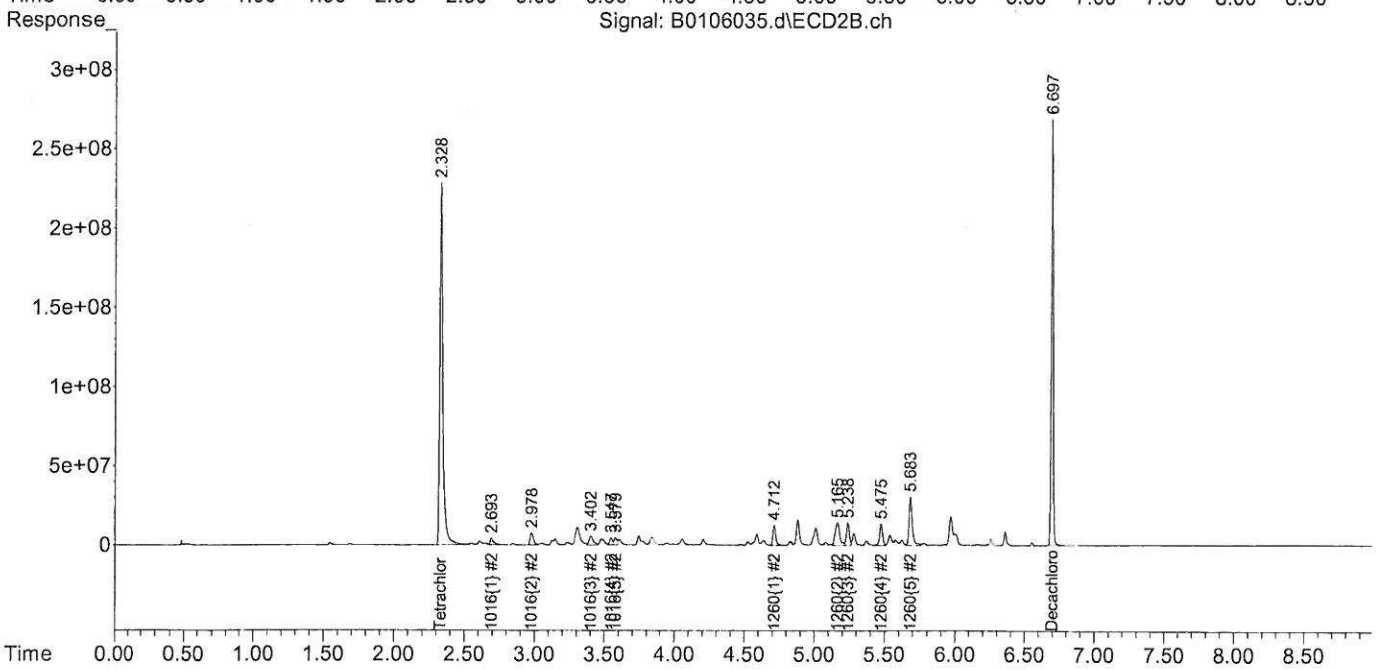
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106035.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:07 pm
Operator : JMB
Sample : S001665-CAL6 Inst : ECD 2A
Misc : 1260/1016 200
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106036.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:20 pm
Operator : JMB
Sample : S001665-CAL7 Inst : ECD 2A
Misc : 1260/1016 250
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.329	4239.9E6	4133.2E6	96.582	90.679
Spiked Amount	200.000	Range 60 - 300	Recovery =		48.29%#	45.34%#
2) S Decachlor...	6.651	6.697	3679.7E6	3140.1E6	98.098	91.273
Spiked Amount	200.000	Range 60 - 300	Recovery =		49.05%#	45.64%#
Target Compounds						
3) L1 1016{1}	3.017	2.693	138.2E6	101.7E6	66.594	67.936
4) L1 1016{2}	3.168	2.978	57670484	162.9E6	63.803	63.251
5) L1 1016{3}	3.510	3.402	76744148	156.2E6	68.029	61.747
6) L1 1016{4}	3.620	3.547	64513378	77193104	64.363	63.478
7) L1 1016{5}	3.837	3.579	64073964	84521151	66.291	64.043
Sum 1016			401.2E6	582.5E6	329.079	320.455
Average 1016					65.816	64.091
8) L7 1260{1}	4.719	4.713	183.8E6	240.7E6	64.271	64.044
9) L7 1260{2}	4.941	5.165	282.2E6	391.4E6	68.163	65.351
10) L7 1260{3}	5.258	5.239	185.5E6	255.2E6	66.859	65.398
11) L7 1260{4}	5.458	5.475	189.1E6	251.7E6	69.367	66.105
12) L7 1260{5}	5.711	5.683	436.1E6	588.6E6	70.100	67.645
Sum 1260			1276.7E6	1727.5E6	338.760	328.542
Average 1260					67.752	65.708

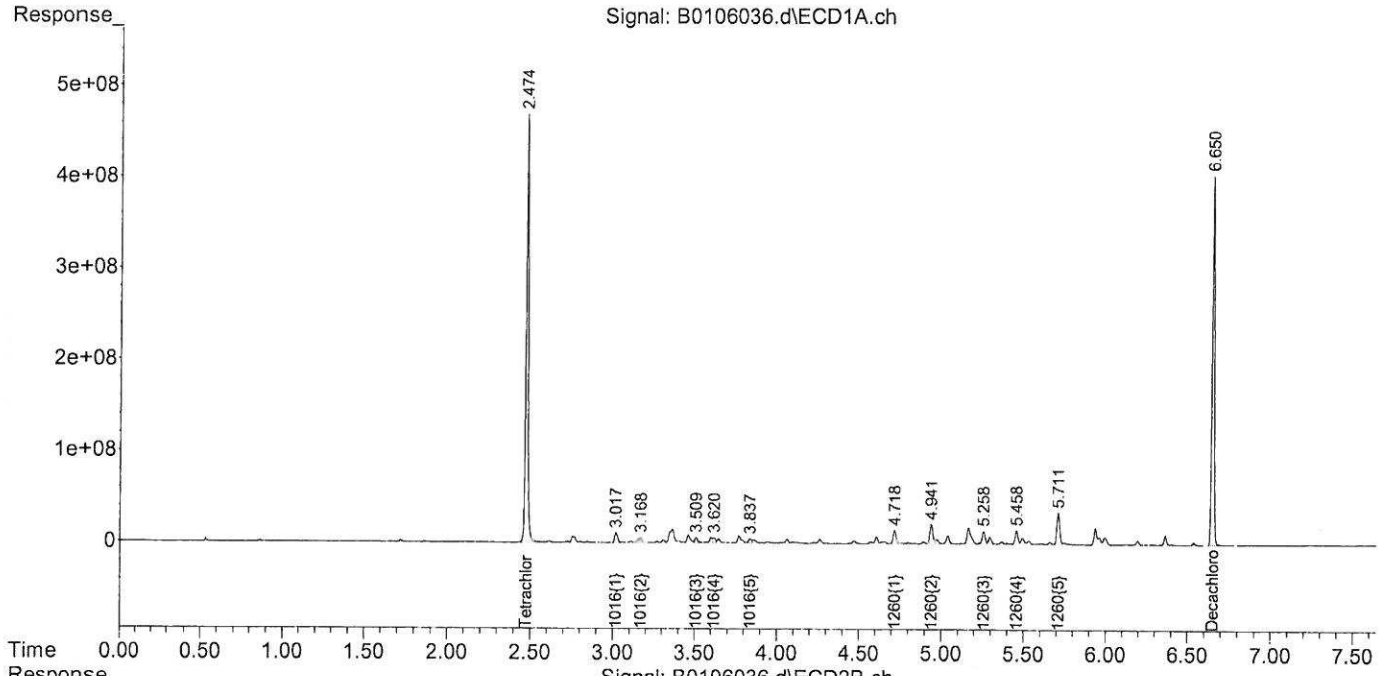
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

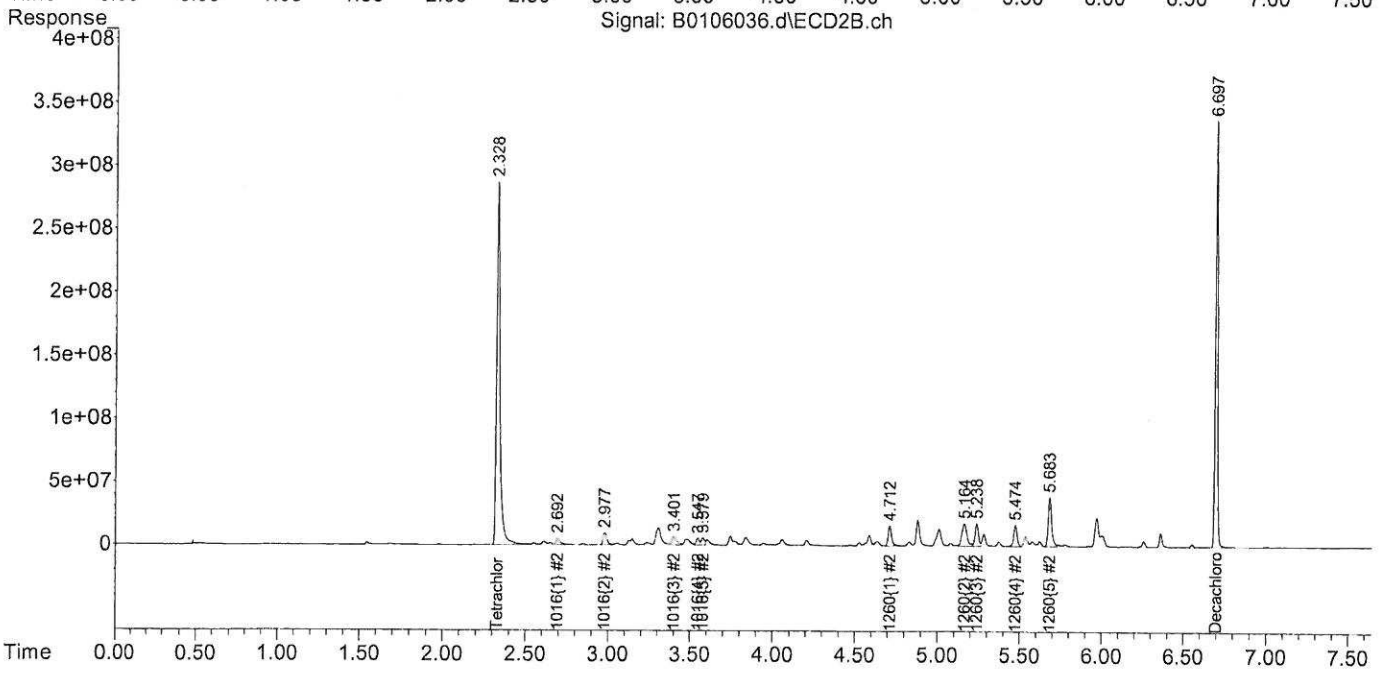
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106036.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:20 pm
Operator : JMB
Sample : S001665-CAL7 Inst : ECD 2A
Misc : 1260/1016 250
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:44 pm
Operator : JMB
Sample : S001665-ICV1 Inst : ECD 2A
Misc : ICV STD 60/16
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:51:31 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.476	2.329	1924.9E6	2019.0E6	117.497	118.713
Spiked Amount 200.000	Range 60 - 300		Recovery =		58.75%#	59.36%#
2) S Decachlor...	6.651	6.697	1614.6E6	1410.4E6	113.336	108.908
Spiked Amount 200.000	Range 60 - 300		Recovery =		56.67%#	54.45%#
Target Compounds						
3) L1 1016{1}	3.019	2.693	66012241	45480488	107.575	114.664
4) L1 1016{2}	3.169	2.980	29284842	79837285	111.680	108.995
5) L1 1016{3}	3.510	3.402	35149566	73592438	111.696	103.231
6) L1 1016{4}	3.620	3.548	30639787	36511802	106.483	105.899
7) L1 1016{5}	3.837	3.579	28458800	40106166	103.970	106.277
Sum 1016			189.5E6	275.5E6	541.404	539.066
Average 1016					108.281	107.813
8) L7 1260{1}	4.719	4.713	86339939	112.4E6	102.256	103.873
9) L7 1260{2}	4.941	5.165	129.4E6	180.6E6	107.293	103.590
10) L7 1260{3}	5.258	5.239	86278920	120.4E6	106.872	106.634
11) L7 1260{4}	5.458	5.475	85737535	116.7E6	108.097	106.950
12) L7 1260{5}	5.711	5.684	196.1E6	278.2E6	109.441	112.771
Sum 1260			583.9E6	808.3E6	533.959	533.819
Average 1260					106.792	106.764

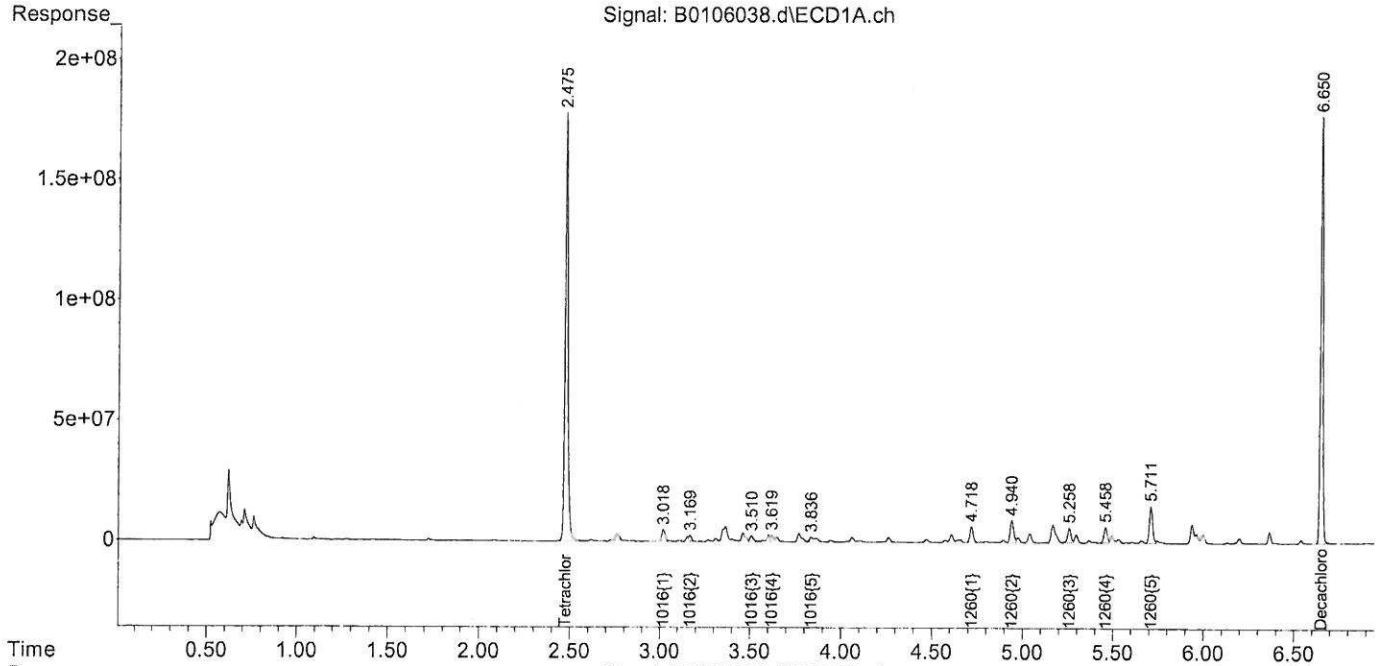
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

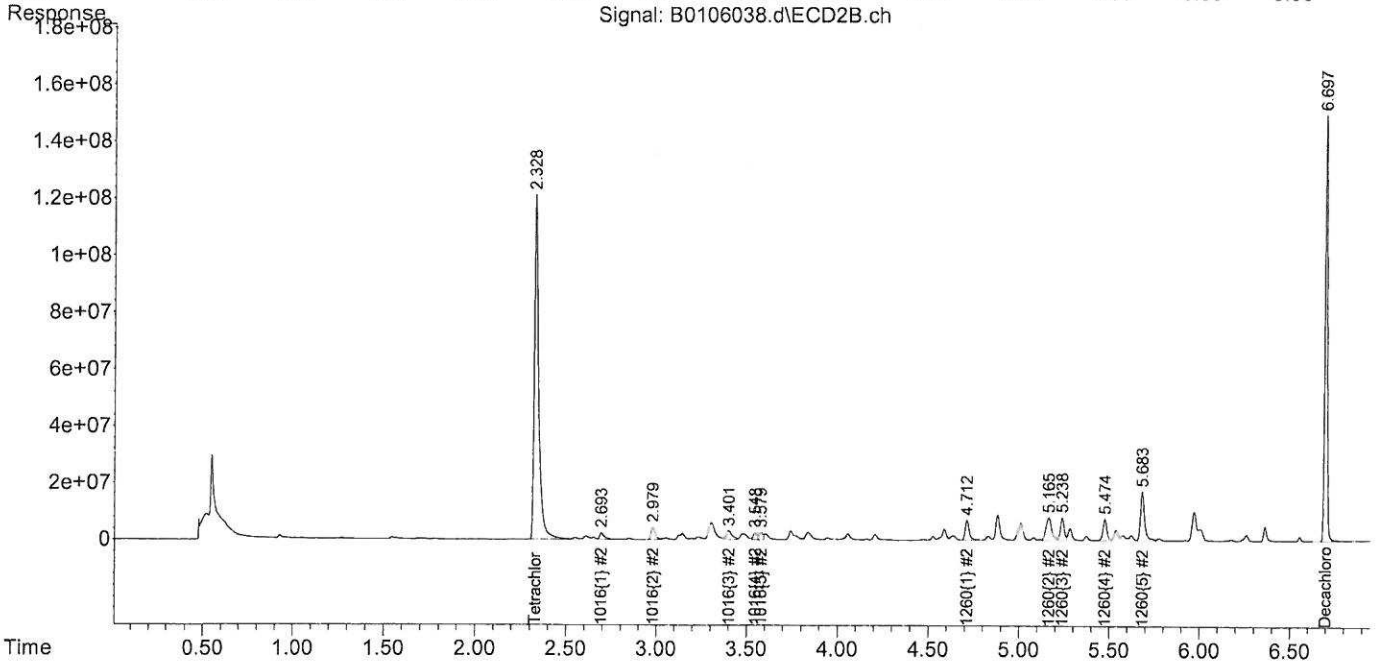
Quantitation Report ' (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:44 pm
Operator : JMB
Sample : S001665-ICV1 Inst : ECD 2A
Misc : ICV STD 60/16
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:51:31 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD 2A	Calibration:	1200005
Lab File ID:	B0131043.d	Calibration Date:	01/06/12 00:00
Sequence:	S001765	Injection Date:	02/01/12
Lab Sample ID:	S001765-CCV1	Injection Time:	08:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1016	A	100	99.1					15
Aroclor-1016 [2C]	A	100	93.7					15
Aroclor-1260	A	100	99.9					15
Aroclor-1260 [2C]	A	100	91.6					15
Decachlorobiphenyl	A	100	103	1.424623E+07	1.4714E+07		3.3	
Decachlorobiphenyl [2C]	A	100	89.8	1.295105E+07	1.163E+07		-10.2	
Tetrachloro-m-xylene	A	100	107	1.638212E+07	1.756E+07		7.2	
Tetrachloro-m-xylene [2C]	A	100	98.0	1.700689E+07	1.6674E+07		-2.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:48 am
Operator : JMB
Sample : S001765-CCV1 Inst : ECD 2A
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:48:59 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	1756.0E6	1667.4E6	107.192	98.040
Spiked Amount	200.000	Range 60 - 300	Recovery =		53.60%#	49.02%#
2) S Decachlor...	6.619	6.660	1471.4E6	1163.0E6	103.283	89.805
Spiked Amount	200.000	Range 60 - 300	Recovery =		51.64%#	44.90%#
Target Compounds						
3) L1 1016{1}	3.001	2.671	62848206	39471055	102.419	99.514
4) L1 1016{2}	3.151	2.952	25634767	66503433	97.760	90.791
5) L1 1016{3}	3.487	3.366	32821448	64507774	104.298	90.488
6) L1 1016{4}	3.597	3.513	27987576	32599125	97.266	94.550
7) L1 1016{5}	3.809	3.543	25599151	35078868	93.523	92.955
Sum 1016			174.9E6	238.2E6	495.265	468.298
Average 1016					99.053	93.660
8) L7 1260{1}	4.683	4.664	80873597	99492931	95.782	91.955
9) L7 1260{2}	4.903	5.112	122.2E6	156.4E6	101.317	89.726
10) L7 1260{3}	5.219	5.187	79510824	102.2E6	98.488	90.522
11) L7 1260{4}	5.417	5.422	81931164	101.3E6	103.298	92.785
12) L7 1260{5}	5.670	5.630	180.0E6	229.2E6	100.410	92.891
Sum 1260			544.5E6	688.6E6	499.296	457.880
Average 1260					99.859	91.576

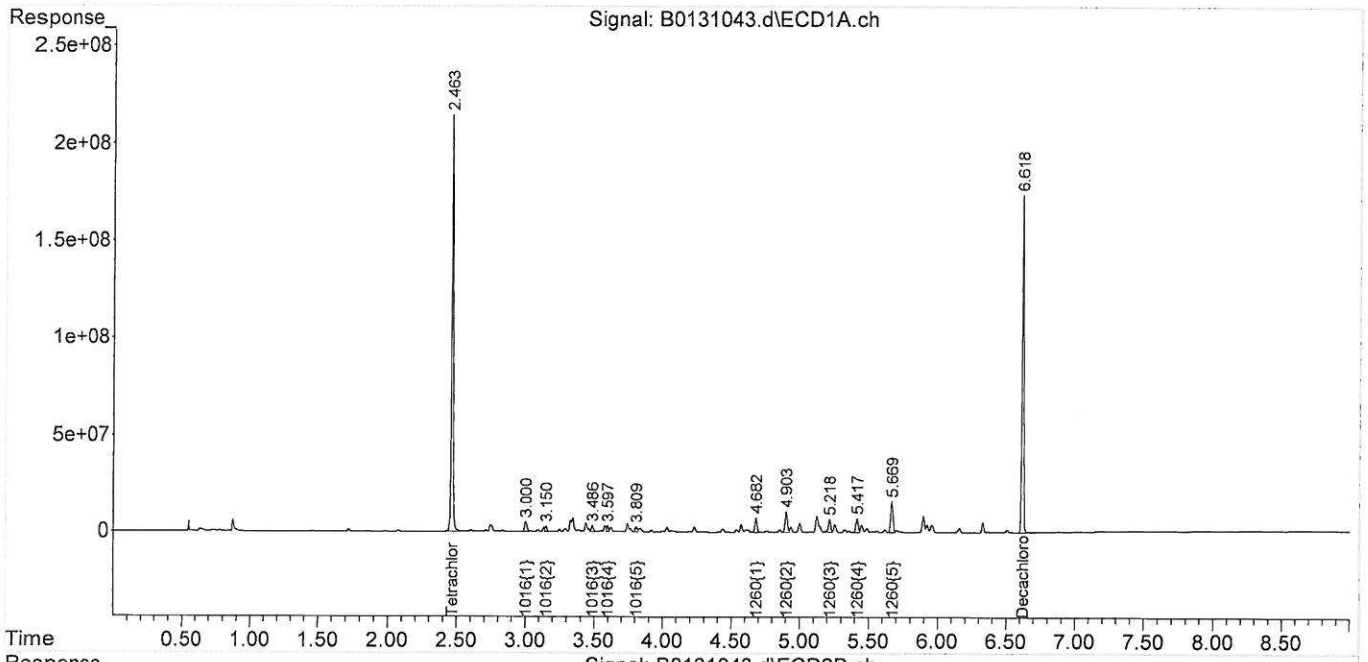
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

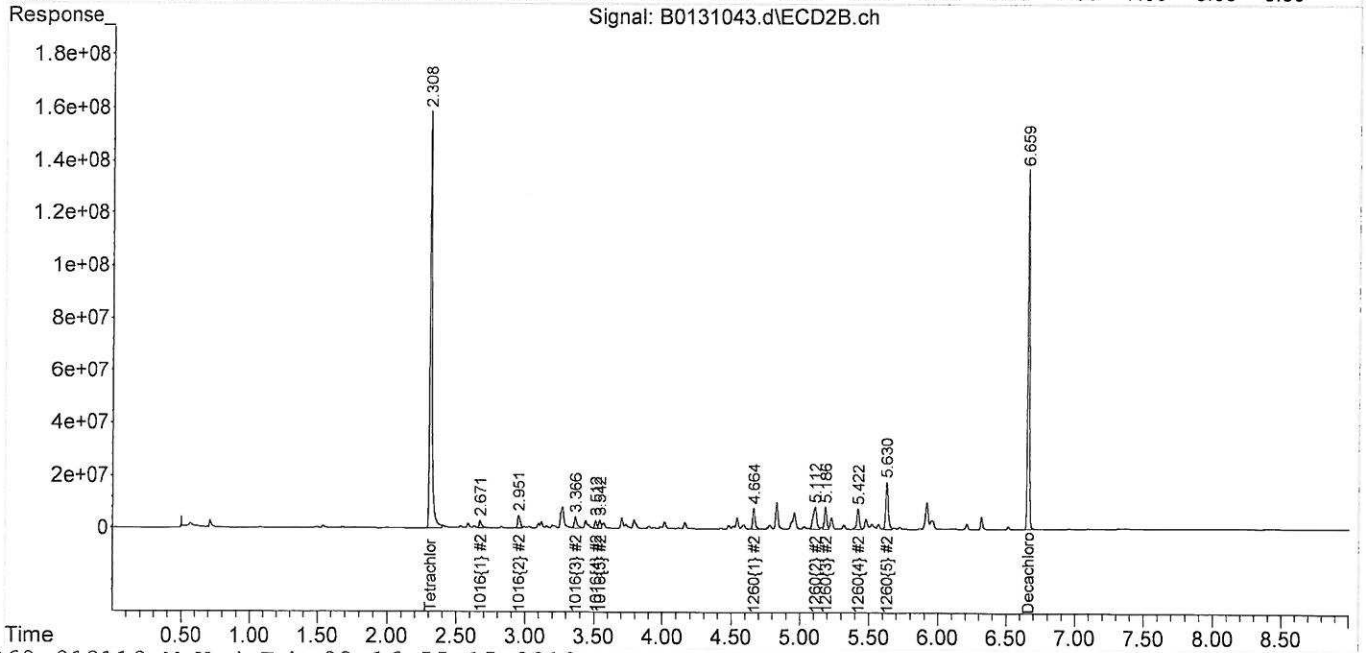
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:48 am
Operator : JMB
Sample : S001765-CCV1 Inst : ECD 2A
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:48:59 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD 2A	Calibration:	1200005
Lab File ID:	B0131055.d	Calibration Date:	01/06/12 00:00
Sequence:	S001765	Injection Date:	02/01/12
Lab Sample ID:	S001765-CCV2	Injection Time:	12:57

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1016	A	50.0	51.0					15
Aroclor-1016 [2C]	A	50.0	50.5					15
Aroclor-1260	A	50.0	49.1					15
Aroclor-1260 [2C]	A	50.0	46.4					15
Decachlorobiphenyl	A	50.0	45.3	1.424623E+07	1.2894E+07		-9.5	
Decachlorobiphenyl [2C]	A	50.0	42.1	1.295105E+07	1.0902E+07		-15.8	
Tetrachloro-m-xylene	A	50.0	52.5	1.638212E+07	1.7216E+07		5.1	
Tetrachloro-m-xylene [2C]	A	50.0	49.7	1.700689E+07	1.6894E+07		-0.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131055.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 12:57 pm
Operator : JMB
Sample : S001765-CCV2 Inst : ECD 2A
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:34 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.464	2.309	860.8E6	844.7E6	52.544	49.670
Spiked Amount	200.000	Range 60 - 300		Recovery =	26.27%#	24.84%#
2) S Decachlor...	6.618	6.660	644.7E6	545.1E6	45.253	42.093
Spiked Amount	200.000	Range 60 - 300		Recovery =	22.63%#	21.05%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	32304411	20430306	52.644	51.508
4) L1 1016{2}	3.151	2.952	12793383	36248449	48.788	49.487
5) L1 1016{3}	3.487	3.366	16461012	34351501	52.309	48.186
6) L1 1016{4}	3.597	3.513	14900472	18191708	51.784	52.763
7) L1 1016{5}	3.809	3.543	13559156	19083285	49.537	50.569
Sum 1016			90018434	128.3E6	255.062	252.513
Average 1016					51.012	50.503
8) L7 1260{1}	4.683	4.665	41491202	51226920	49.140	47.346
9) L7 1260{2}	4.903	5.112	61659898	78905339	51.114	45.257
10) L7 1260{3}	5.218	5.187	37596331	51332371	46.570	45.460
11) L7 1260{4}	5.417	5.422	40679332	52607728	51.288	48.201
12) L7 1260{5}	5.669	5.630	84603101	112.2E6	47.206	45.497
Sum 1260			266.0E6	346.3E6	245.319	231.761
Average 1260					49.064	46.352

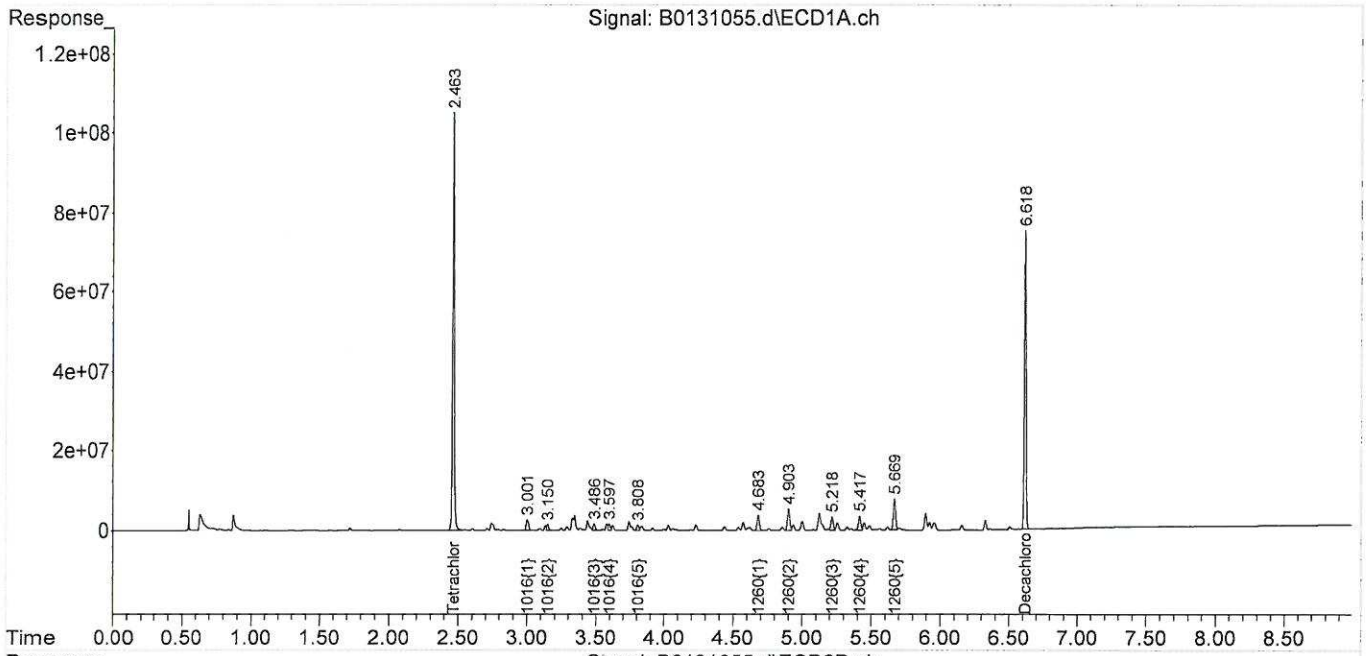
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

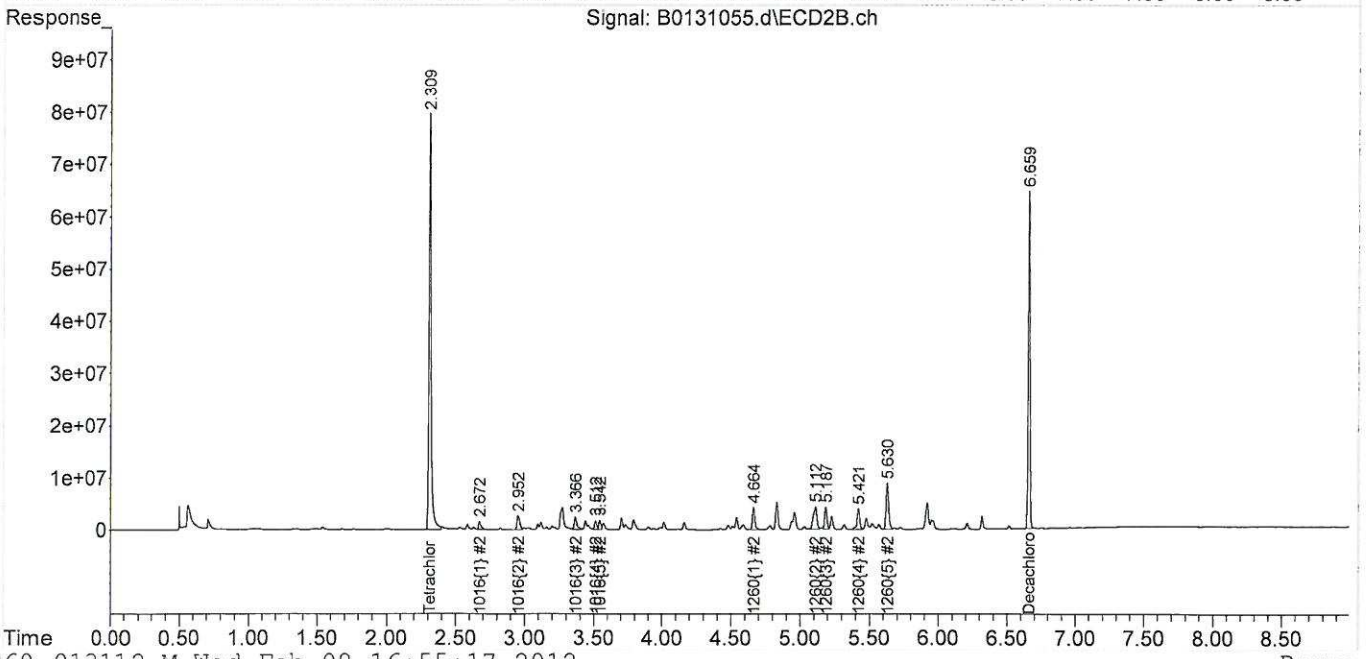
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131055.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 12:57 pm
Operator : JMB
Sample : S001765-CCV2 Inst : ECD 2A
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:34 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD 2A	Calibration:	1200005
Lab File ID:	B0131069.d	Calibration Date:	01/06/12 00:00
Sequence:	S001765	Injection Date:	02/01/12
Lab Sample ID:	S001765-CCV3	Injection Time:	15:56

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1016	A	100	96.2					15
Aroclor-1016 [2C]	A	100	94.3					15
Aroclor-1260	A	100	98.3					15
Aroclor-1260 [2C]	A	100	90.7					15
Decachlorobiphenyl	A	100	97.6	1.424623E+07	1.3903E+07		-2.4	
Decachlorobiphenyl [2C]	A	100	86.7	1.295105E+07	1.1231E+07		-13.3	
Tetrachloro-m-xylene	A	100	107	1.638212E+07	1.7519E+07		6.9	
Tetrachloro-m-xylene [2C]	A	100	98.3	1.700689E+07	1.6711E+07		-1.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131069.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 3:56 pm
Operator : JMB
Sample : S001765-CCV3 Inst : ECD 2A
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 16:28:23 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.464	2.310	1751.9E6	1671.1E6	106.941	98.258
Spiked Amount	200.000	Range 60 - 300		Recovery =	53.47%#	49.13%#
2) S Decachlor...	6.619	6.660	1390.3E6	1123.1E6	97.594	86.724
Spiked Amount	200.000	Range 60 - 300		Recovery =	48.80%#	43.36%#
Target Compounds						
3) L1 1016{1}	3.002	2.673	59775476	39619322	97.411	99.887
4) L1 1016{2}	3.151	2.953	24236084	67601686	92.426	92.291
5) L1 1016{3}	3.487	3.367	31793458	64212979	101.031	90.074
6) L1 1016{4}	3.597	3.514	27737026	32987142	96.395	95.676
7) L1 1016{5}	3.810	3.543	25703460	35277591	93.904	93.482
Sum 1016			169.2E6	239.7E6	481.168	471.410
Average 1016					96.234	94.282
8) L7 1260{1}	4.684	4.665	79691784	98336406	94.383	90.886
9) L7 1260{2}	4.904	5.113	120.8E6	155.2E6	100.152	89.005
10) L7 1260{3}	5.220	5.188	78031954	100.8E6	96.656	89.301
11) L7 1260{4}	5.418	5.423	80992458	100.8E6	102.115	92.325
12) L7 1260{5}	5.670	5.631	176.3E6	226.4E6	98.387	91.785
Sum 1260			535.9E6	681.6E6	491.693	453.303
Average 1260					98.339	90.661

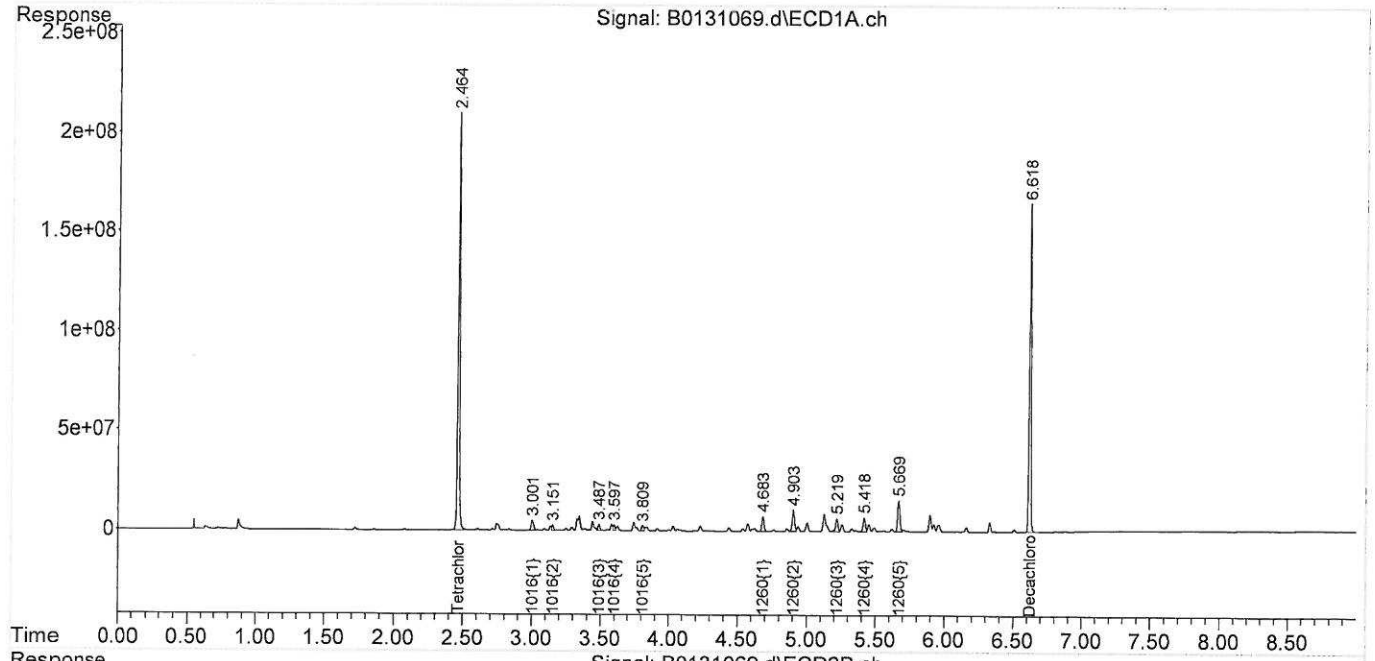
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

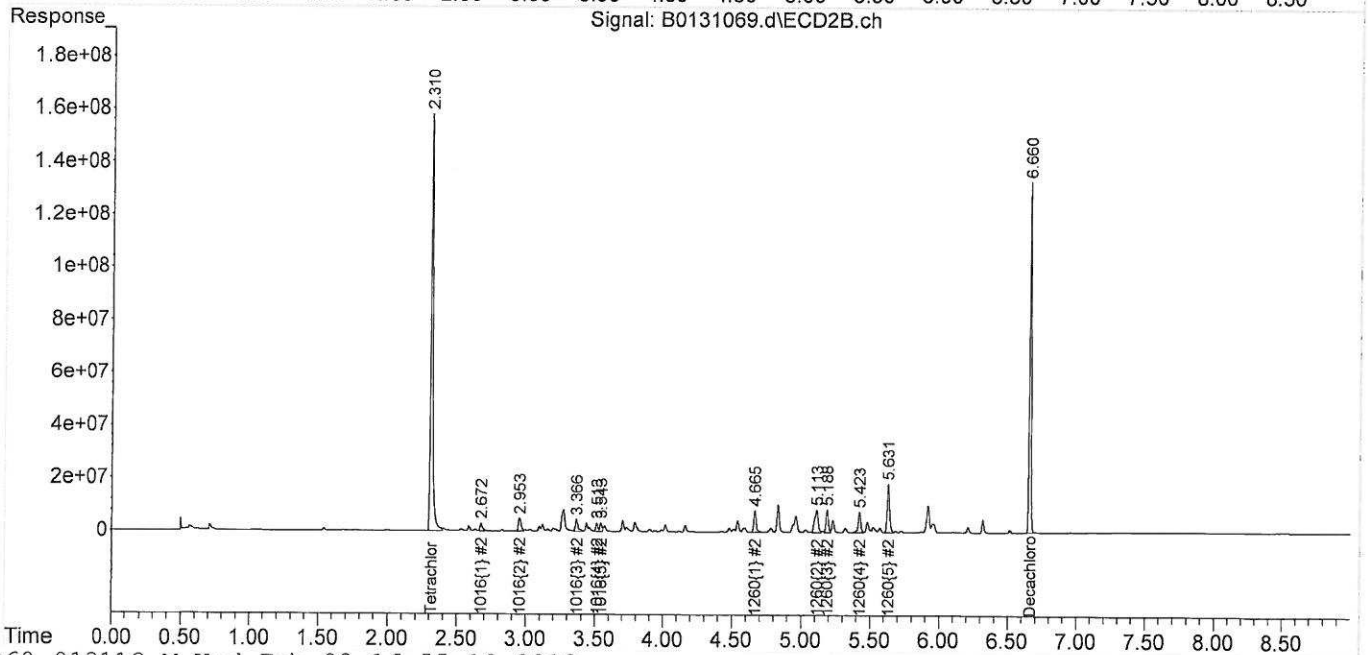
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131069.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 3:56 pm
Operator : JMB
Sample : S001765-CCV3 Inst : ECD 2A
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 16:28:23 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BLK1	File ID:	B0131045.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 10:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.020	0.10	R-05
11104-28-2	Aroclor-1221		0.040	0.10	
11141-16-5	Aroclor-1232		0.045	0.10	
53469-21-9	Aroclor-1242		0.035	0.10	
12672-29-6	Aroclor-1248		0.040	0.10	
11097-69-1	Aroclor-1254		0.035	0.10	
11096-82-5	Aroclor-1260		0.035	0.10	R-05
37324-23-5	Aroclor-1262		0.040	0.10	
11100-14-4	Aroclor-1268		0.035	0.10	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:49 am
Operator : JMB
Sample : B045275-BLK1@5X Inst : ECD 2A
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:04 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.462	2.308	651.0E6	669.4E6	39.736	39.362
Spiked Amount	200.000	Range 60 - 300		Recovery =	19.87%#	19.68%#
2) S Decachlor...	6.619	6.660	573.4E6	473.9E6	40.247	36.590
Spiked Amount	200.000	Range 60 - 300		Recovery =	20.12%#	18.30%#
Target Compounds						
3) L1 1016{1}	0.000	2.687	0	1740738	N.D.	4.389 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	1740738	N.D.	4.389
Average 1016					0.000	4.389
8) L7 1260{1}	0.000	0.000	0	0	N.D.	N.D.
9) L7 1260{2}	0.000	0.000	0	0	N.D.	N.D.
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

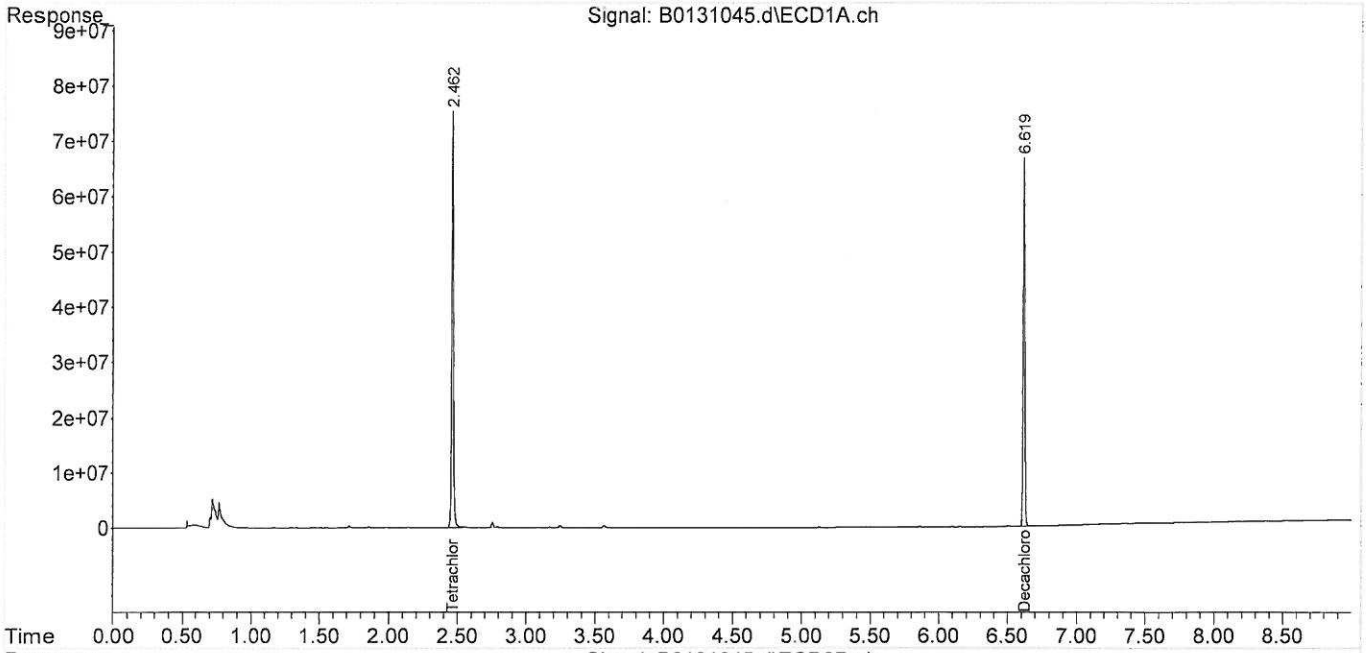
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

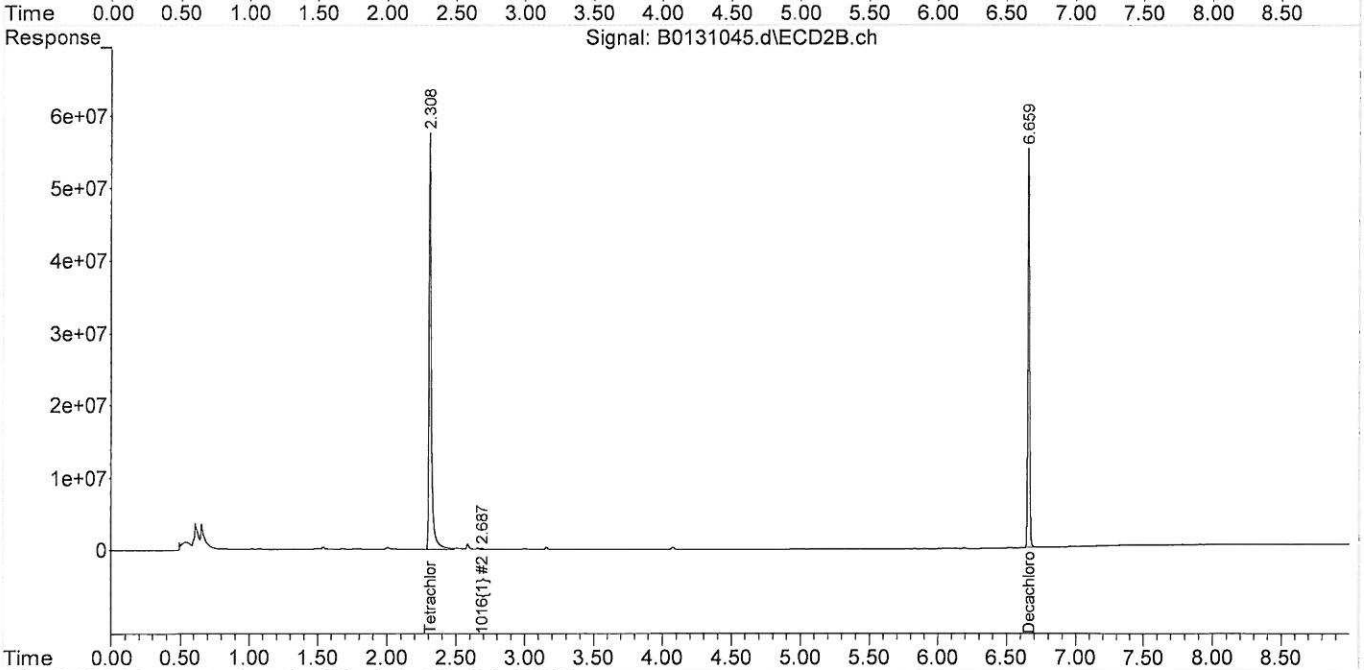
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:49 am
Operator : JMB
Sample : B045275-BLK1@5X Inst : ECD 2A
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:04 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BLK1	File ID:	B0131045.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 10:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]		0.020	0.10	R-05
11104-28-2	Aroclor-1221 [2C]		0.040	0.10	
11141-16-5	Aroclor-1232 [2C]		0.045	0.10	
53469-21-9	Aroclor-1242 [2C]		0.035	0.10	
12672-29-6	Aroclor-1248 [2C]		0.040	0.10	
11097-69-1	Aroclor-1254 [2C]		0.035	0.10	
11096-82-5	Aroclor-1260 [2C]		0.035	0.10	
37324-23-5	Aroclor-1262 [2C]		0.040	0.10	
11100-14-4	Aroclor-1268 [2C]		0.035	0.10	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:49 am
Operator : JMB
Sample : B045275-BLK1@5X Inst : ECD 2A
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:04 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.462	2.308	651.0E6	669.4E6	39.736	39.362
Spiked Amount	200.000	Range 60 - 300		Recovery =	19.87%#	19.68%#
2) S Decachlor...	6.619	6.660	573.4E6	473.9E6	40.247	36.590
Spiked Amount	200.000	Range 60 - 300		Recovery =	20.12%#	18.30%#
Target Compounds						
3) L1 1016{1}	0.000	2.687	0	1740738	N.D.	4.389 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	1740738	N.D.	4.389
Average 1016					0.000	4.389
8) L7 1260{1}	0.000	0.000	0	0	N.D.	N.D.
9) L7 1260{2}	0.000	0.000	0	0	N.D.	N.D.
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

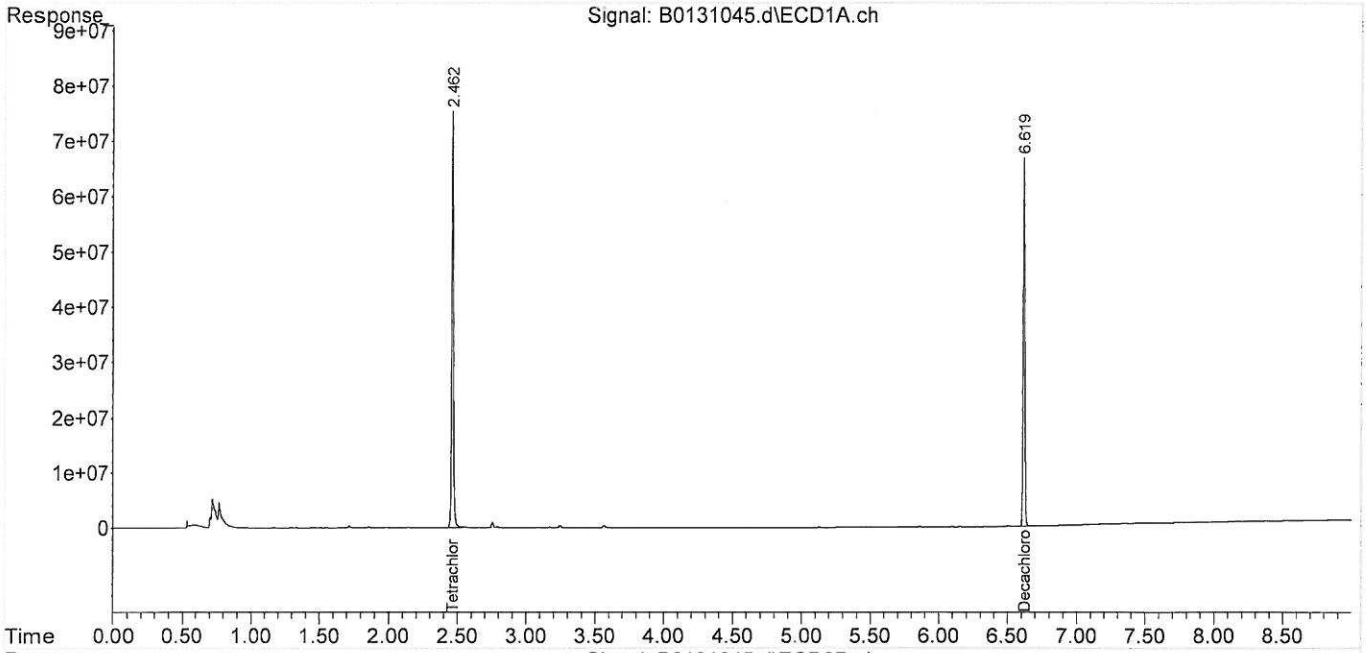
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

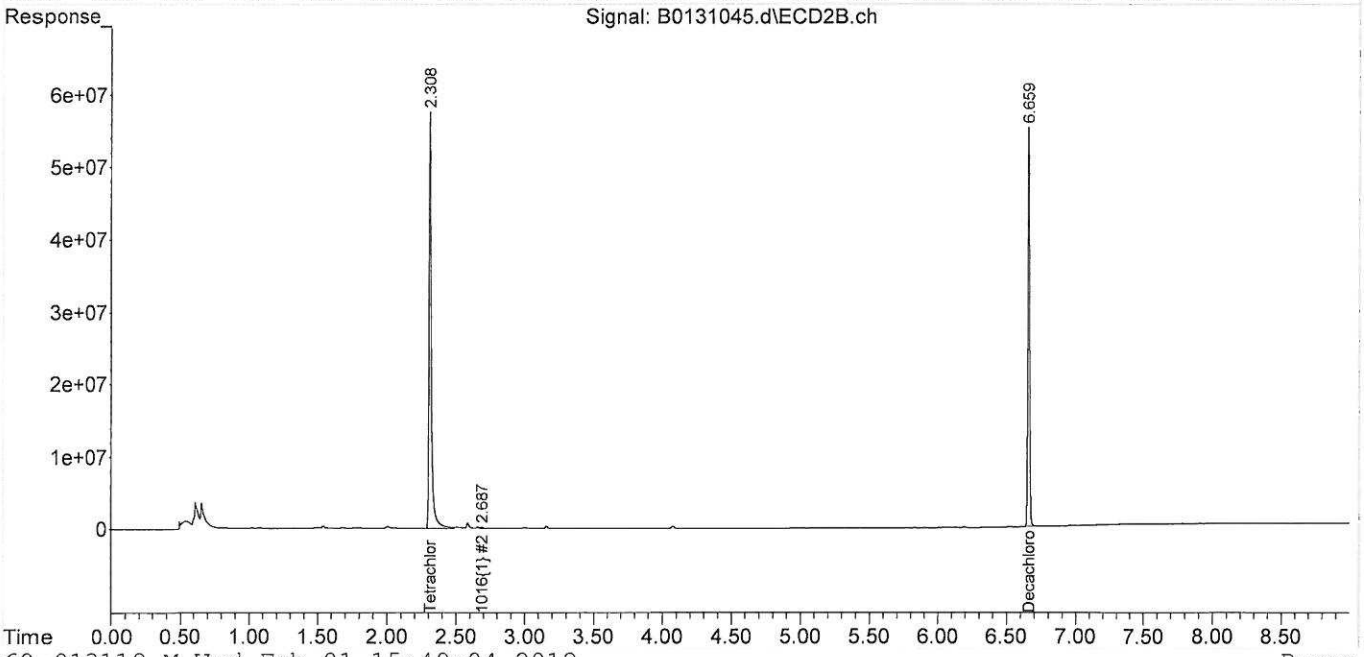
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:49 am
Operator : JMB
Sample : B045275-BLK1@5X Inst : ECD 2A
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:04 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BS1	File ID:	B0131046.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 11:02
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016	0.19	0.020	0.10	R-05
11096-82-5	Aroclor-1260	0.18	0.035	0.10	R-05

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:02 am
Operator : JMB
Sample : B045275-BS1@5X Inst : ECD 2A
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:07 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.462	2.308	588.1E6	609.1E6	35.899	35.813
Spiked Amount	200.000	Range 60 - 300		Recovery =	17.95%#	17.91%#
2) S Decachlor...	6.618	6.660	516.6E6	422.4E6	36.264	32.613
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.13%#	16.31%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	23063364	14796577	37.585	37.305
4) L1 1016{2}	3.151	2.952	9665888	26807588	36.862	36.598
5) L1 1016{3}	3.487	3.367	11964024	25748458	38.018	36.118
6) L1 1016{4}	3.597	3.513	11044889	13604335	38.385	39.458
7) L1 1016{5}	3.809	3.543	9638207	14449748	35.212	38.290
Sum 1016			65376372	95406706	186.061	187.770
Average 1016					37.212	37.554
8) L7 1260{1}	4.683	4.664	30428840	38648454	36.038	35.720
9) L7 1260{2}	4.903	5.113	45302611	58740390	37.555	33.692
10) L7 1260{3}	5.219	5.187	28481898	38881831	35.280	34.434
11) L7 1260{4}	5.417	5.422	30772477	38724221	38.798	35.481
12) L7 1260{5}	5.670	5.630	63012896	83927006	35.160	34.020
Sum 1260			198.0E6	258.9E6	182.830	173.346
Average 1260					36.566	34.669

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

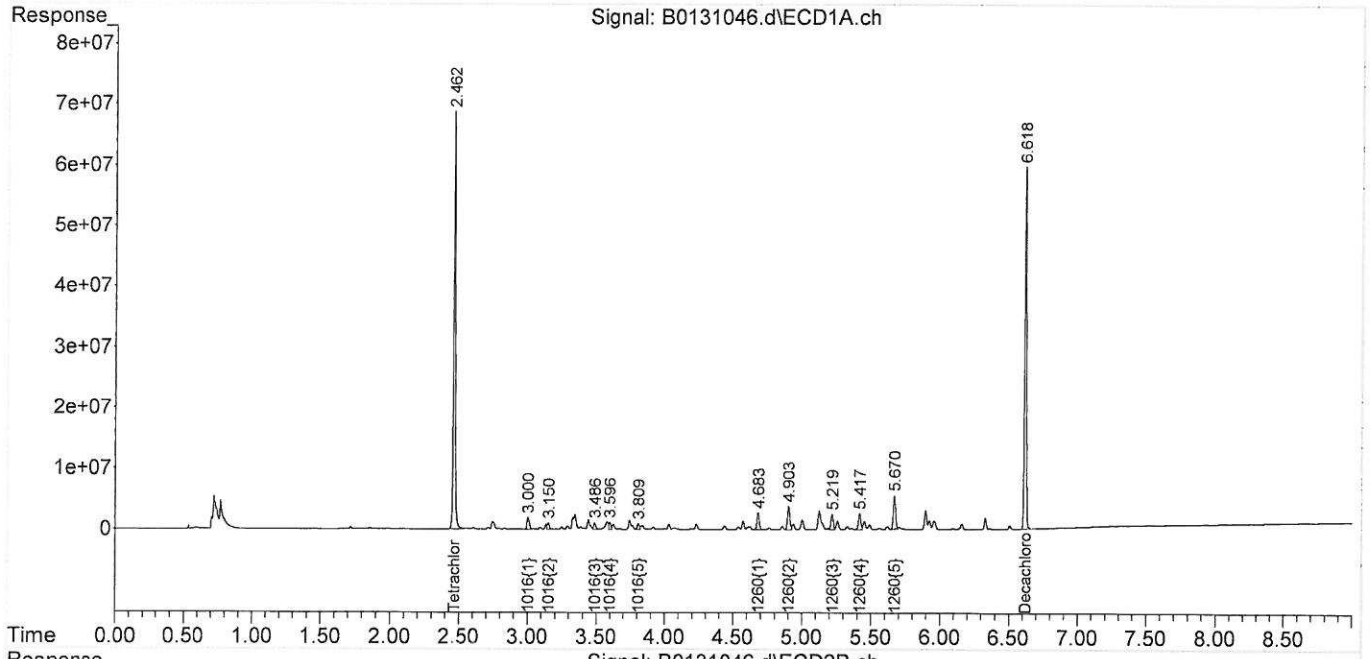
CHECKED BY: MARISSA CAGAN FEB 02 2012

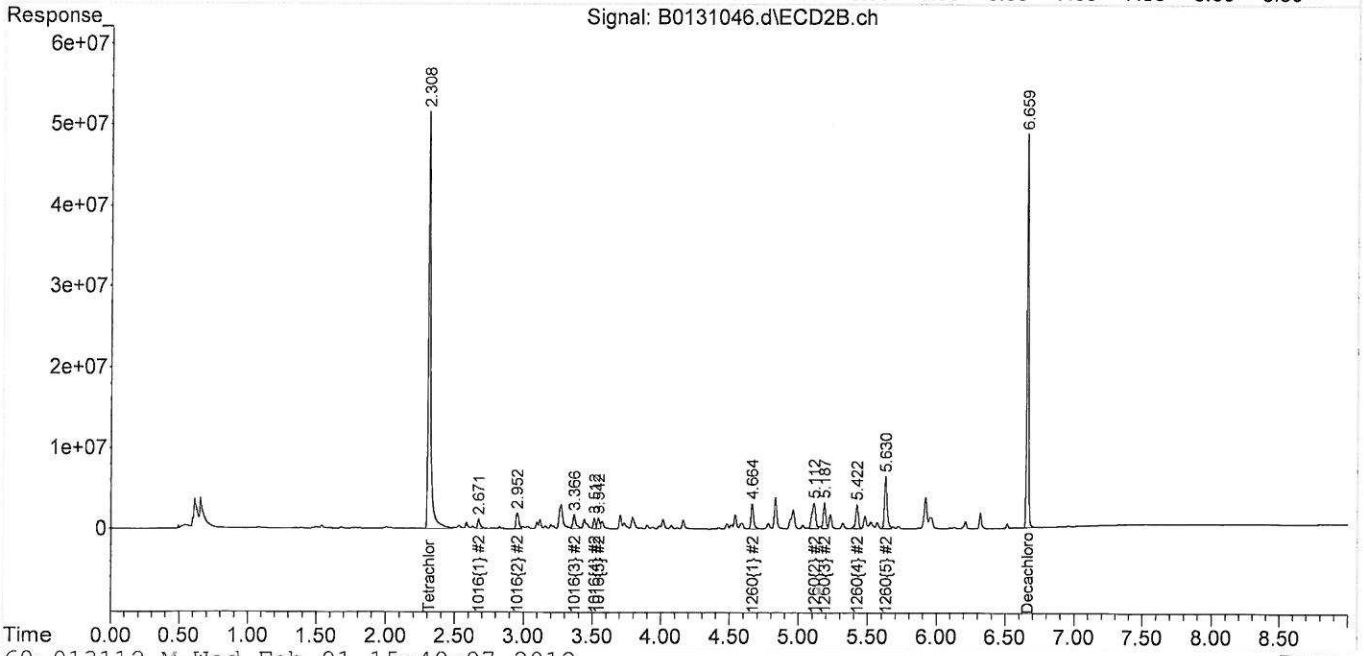
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:02 am
Operator : JMB
Sample : B045275-BS1@5X Inst : ECD 2A
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:07 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BS1	File ID:	B0131046.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 11:02
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]	0.19	0.020	0.10	R-05
11096-82-5	Aroclor-1260 [2C]	0.17	0.035	0.10	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:02 am
Operator : JMB
Sample : B045275-BS1@5X Inst : ECD 2A
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:07 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.462	2.308	588.1E6	609.1E6	35.899	35.813
Spiked Amount	200.000	Range 60 - 300	Recovery =		17.95%#	17.91%#
2) S Decachlor...	6.618	6.660	516.6E6	422.4E6	36.264	32.613
Spiked Amount	200.000	Range 60 - 300	Recovery =		18.13%#	16.31%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	23063364	14796577	37.585	37.305
4) L1 1016{2}	3.151	2.952	9665888	26807588	36.862	36.598
5) L1 1016{3}	3.487	3.367	11964024	25748458	38.018	36.118
6) L1 1016{4}	3.597	3.513	11044889	13604335	38.385	39.458
7) L1 1016{5}	3.809	3.543	9638207	14449748	35.212	38.290
Sum 1016			65376372	95406706	186.061	187.770
Average 1016					37.212	37.554
8) L7 1260{1}	4.683	4.664	30428840	38648454	36.038	35.720
9) L7 1260{2}	4.903	5.113	45302611	58740390	37.555	33.692
10) L7 1260{3}	5.219	5.187	28481898	38881831	35.280	34.434
11) L7 1260{4}	5.417	5.422	30772477	38724221	38.798	35.481
12) L7 1260{5}	5.670	5.630	63012896	83927006	35.160	34.020
Sum 1260			198.0E6	258.9E6	182.830	173.346
Average 1260					36.566	34.669

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

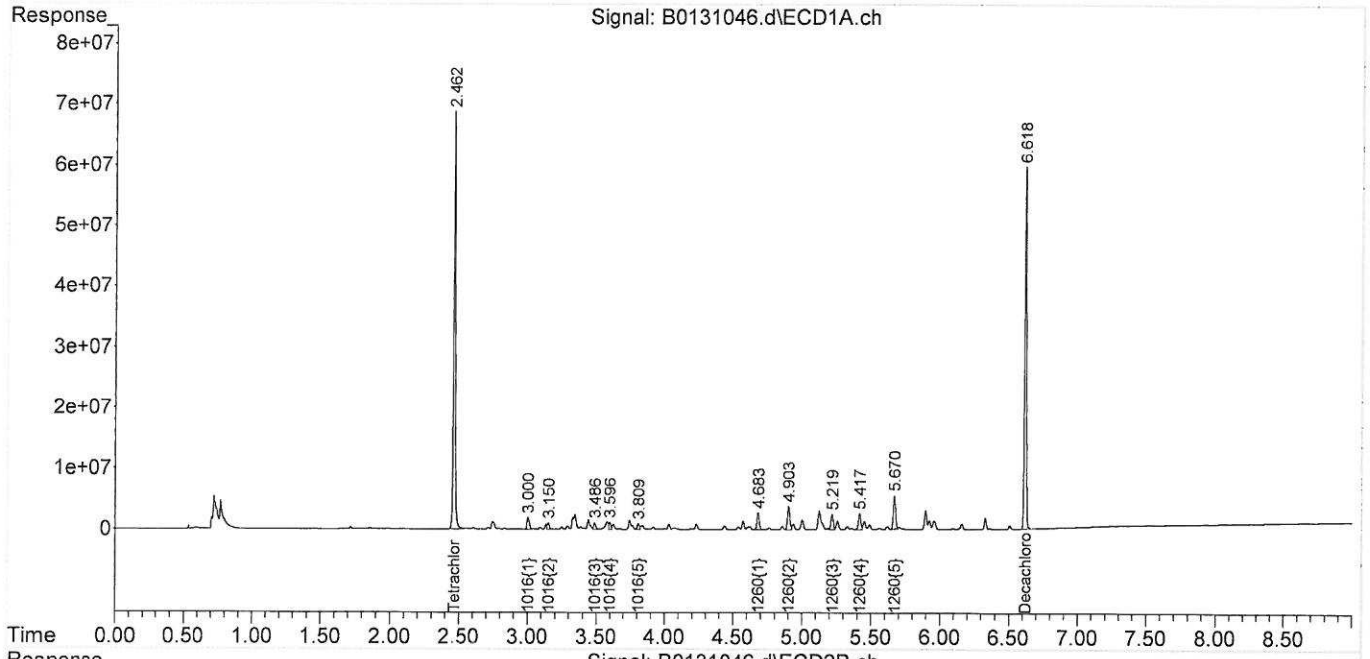
CHECKED BY: MARISSA CAGAN FEB 02 2012

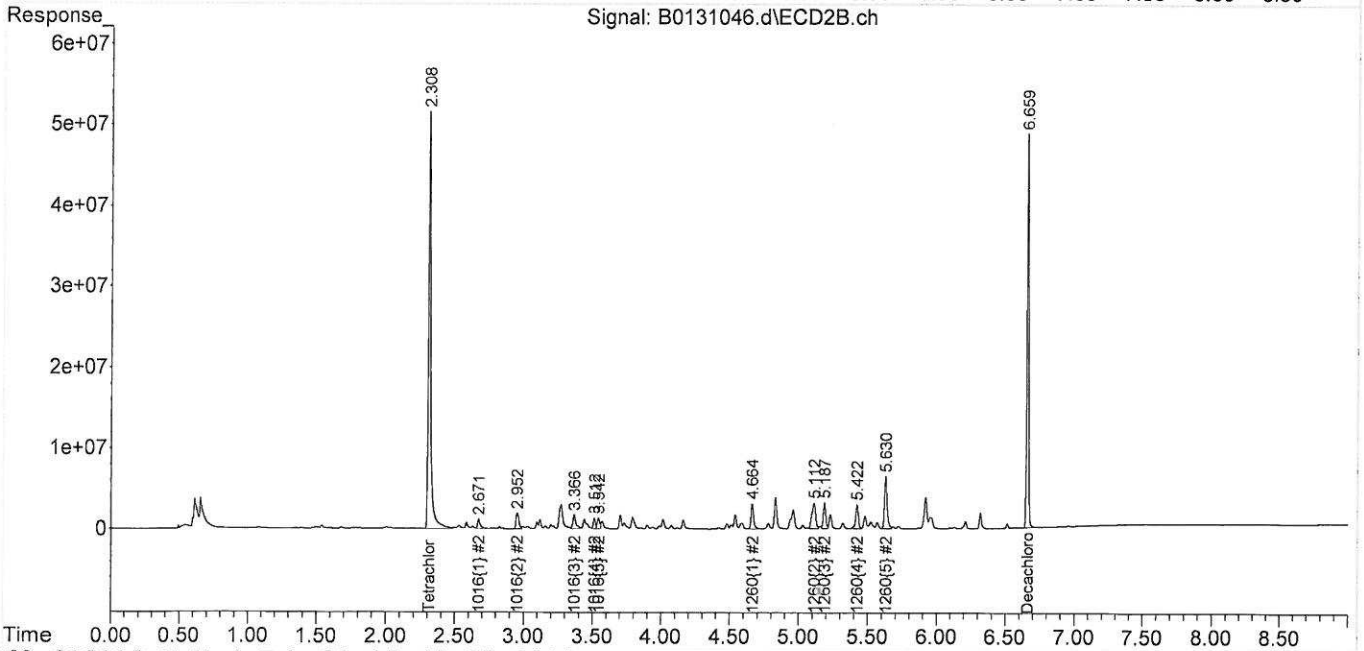
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:02 am
Operator : JMB
Sample : B045275-BS1@5X Inst : ECD 2A
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:07 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045275-BSD1	File ID:	B0131047.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 11:15
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016	0.26	0.020	0.10	R-05
11096-82-5	Aroclor-1260	0.25	0.035	0.10	R-05

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:15 am
Operator : JMB
Sample : B045275-BSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:10 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	810.7E6	810.9E6	49.487	47.679
Spiked Amount	200.000	Range 60 - 300	Recovery =		24.74%#	23.84%#
2) S Decachlor...	6.619	6.660	703.5E6	565.8E6	49.385	43.688
Spiked Amount	200.000	Range 60 - 300	Recovery =		24.69%#	21.84%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	31613911	23141662	51.519	58.344
4) L1 1016{2}	3.150	2.953	13101108	36353519	49.962	49.630
5) L1 1016{3}	3.487	3.367	16646986	35011914	52.900	49.113
6) L1 1016{4}	3.597	3.513	15226940	17965193	52.919	52.106
7) L1 1016{5}	3.809	3.543	13507789	19148860	49.349	50.742
Sum 1016			90096734	131.6E6	256.648	259.936
Average 1016					51.330	51.987
8) L7 1260{1}	4.683	4.665	41570056	51535015	49.233	47.631
9) L7 1260{2}	4.904	5.113	61922893	79545180	51.332	45.624
10) L7 1260{3}	5.219	5.188	40791513	52596397	50.527	46.579
11) L7 1260{4}	5.418	5.423	41440608	52044015	52.248	47.685
12) L7 1260{5}	5.670	5.631	86798598	113.7E6	48.431	46.093
Sum 1260			272.5E6	349.4E6	251.773	233.612
Average 1260					50.355	46.722

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

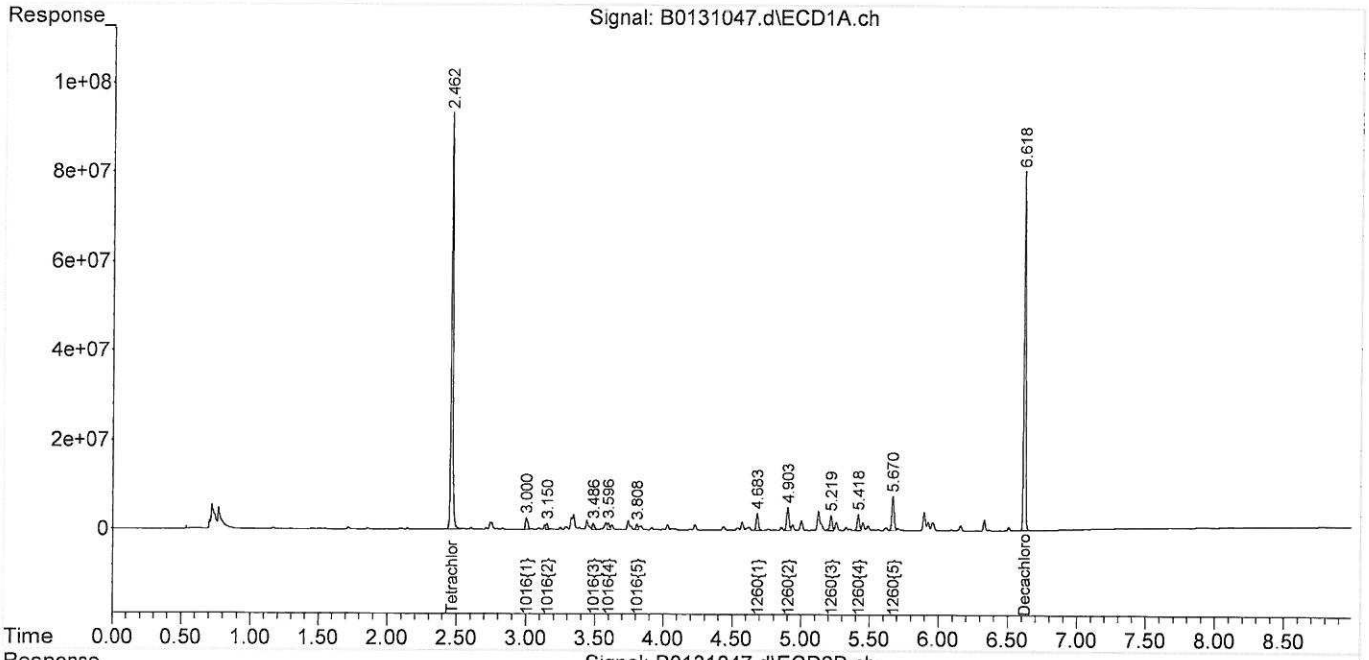
CHECKED BY: MARISSA CAGAN FEB 02 2012

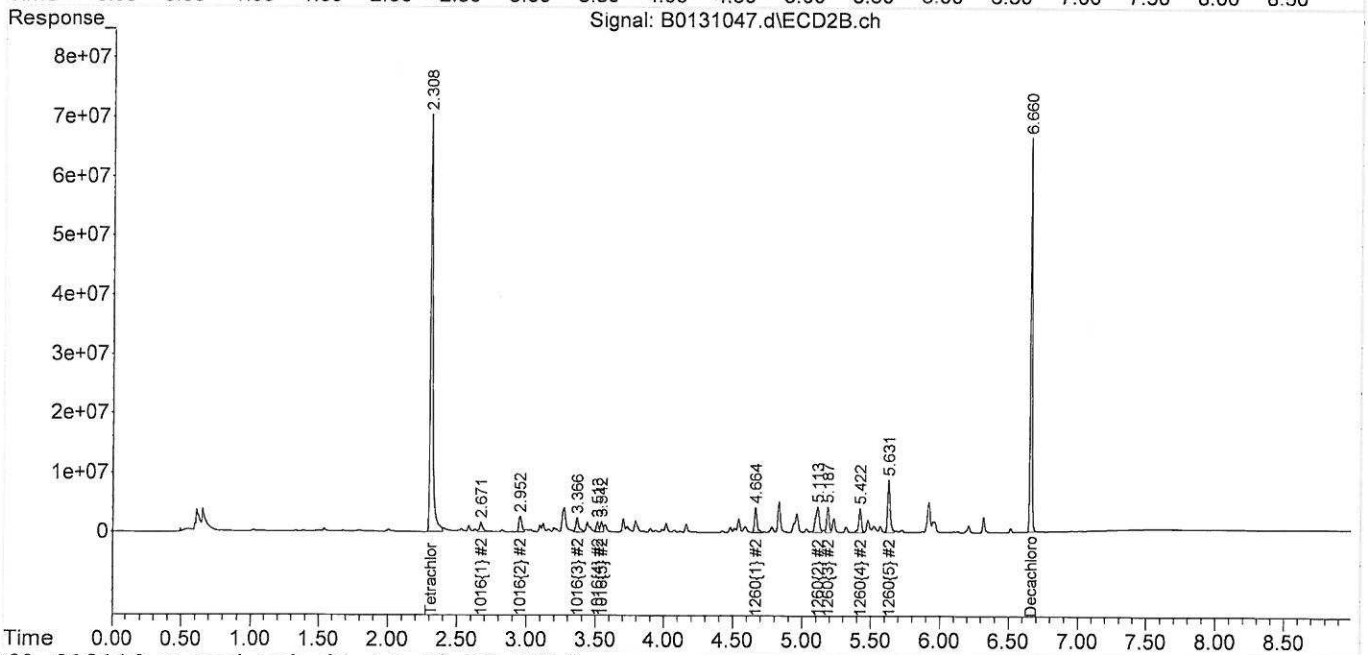
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:15 am
Operator : JMB
Sample : B045275-BSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:10 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BSD1	File ID:	B0131047.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 11:15
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]	0.26	0.020	0.10	R-05
11096-82-5	Aroclor-1260 [2C]	0.23	0.035	0.10	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:15 am
Operator : JMB
Sample : B045275-BSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:10 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	810.7E6	810.9E6	49.487	47.679
Spiked Amount	200.000	Range 60 - 300	Recovery =		24.74%#	23.84%#
2) S Decachlor...	6.619	6.660	703.5E6	565.8E6	49.385	43.688
Spiked Amount	200.000	Range 60 - 300	Recovery =		24.69%#	21.84%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	31613911	23141662	51.519	58.344
4) L1 1016{2}	3.150	2.953	13101108	36353519	49.962	49.630
5) L1 1016{3}	3.487	3.367	16646986	35011914	52.900	49.113
6) L1 1016{4}	3.597	3.513	15226940	17965193	52.919	52.106
7) L1 1016{5}	3.809	3.543	13507789	19148860	49.349	50.742
Sum 1016			90096734	131.6E6	256.648	259.936
Average 1016					51.330	51.987
8) L7 1260{1}	4.683	4.665	41570056	51535015	49.233	47.631
9) L7 1260{2}	4.904	5.113	61922893	79545180	51.332	45.624
10) L7 1260{3}	5.219	5.188	40791513	52596397	50.527	46.579
11) L7 1260{4}	5.418	5.423	41440608	52044015	52.248	47.685
12) L7 1260{5}	5.670	5.631	86798598	113.7E6	48.431	46.093
Sum 1260			272.5E6	349.4E6	251.773	233.612
Average 1260					50.355	46.722

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

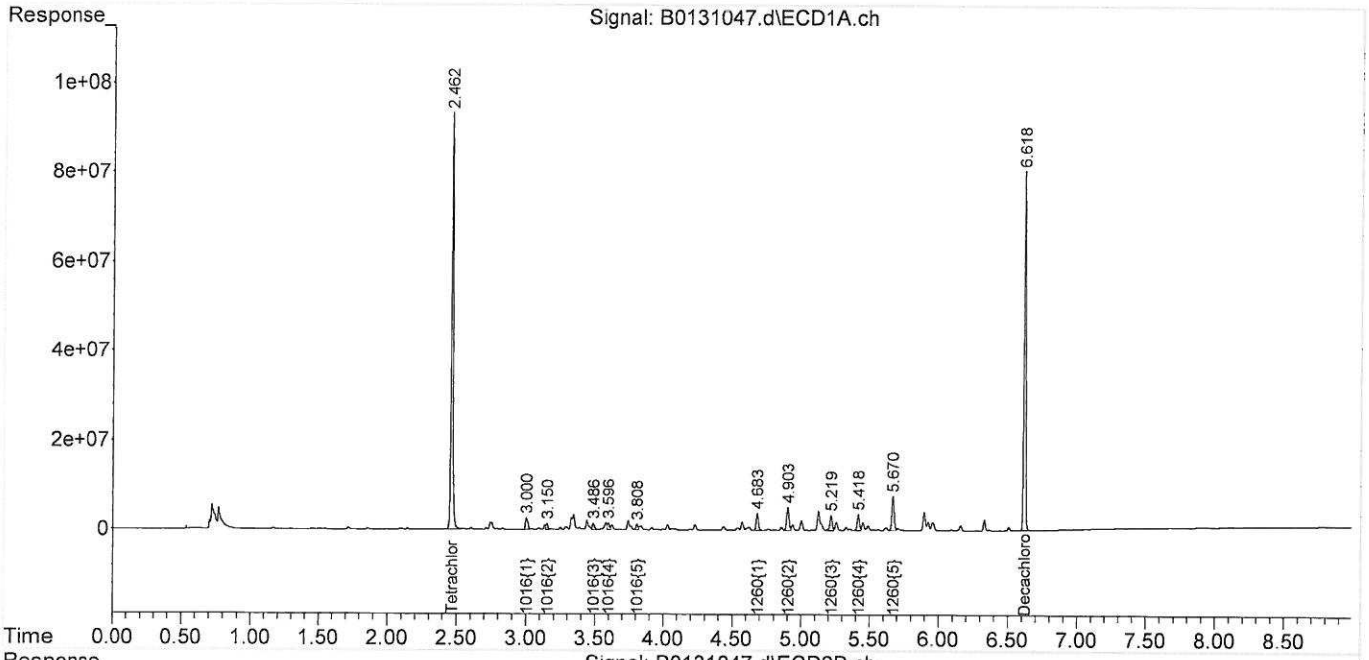
CHECKED BY: MARISSA CAGAN FEB 02 2012

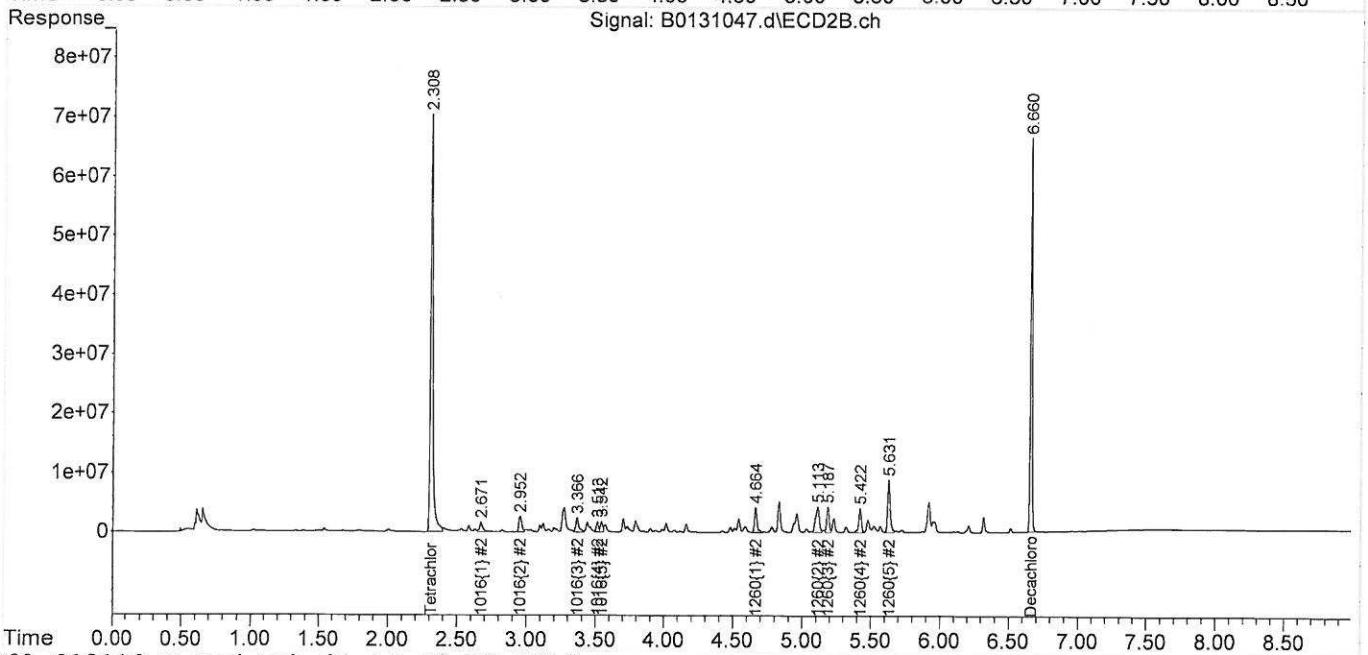
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:15 am
Operator : JMB
Sample : B045275-BSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:10 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-MS1	File ID:	B0131063.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:39
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016	0.21	0.022	0.11	R-05
11096-82-5	Aroclor-1260	0.20	0.038	0.11	R-05

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131063.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:39 pm
Operator : JMB
Sample : B045275-MS1@5X Inst : ECD 2A
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:58 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CHECKED BY: MARISSA CAGAN FEB 0 2 2012

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	599.6E6	609.7E6	36.598	35.852
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.30%#	17.93%#
2) S Decachlor...	6.618	6.660	458.4E6	391.2E6	32.180	30.206
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.09%#	15.10%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	23368553	14758168	38.082	37.208
4) L1 1016{2}	3.151	2.953	9783852	26977110	37.311	36.830
5) L1 1016{3}	3.487	3.367	12182438	25420720	38.712	35.659
6) L1 1016{4}	3.597	3.513	11441219	13501956	39.762	39.161
7) L1 1016{5}	3.809	3.543	10045161	14266392	36.699	37.804
Sum 1016			66821222	94924345	190.566	186.662
Average 1016					38.113	37.332
8) L7 1260{1}	4.683	4.665	29944942	37140834	35.465	34.327
9) L7 1260{2}	4.904	5.113	44881038	57789971	37.205	33.146
10) L7 1260{3}	5.220	5.187	28991798	37735792	35.911	33.419
11) L7 1260{4}	5.418	5.423	29684669	38066488	37.426	34.878
12) L7 1260{5}	5.670	5.631	60765297	81283868	33.906	32.948
Sum 1260			194.3E6	252.0E6	179.913	168.719
Average 1260					35.983	33.744

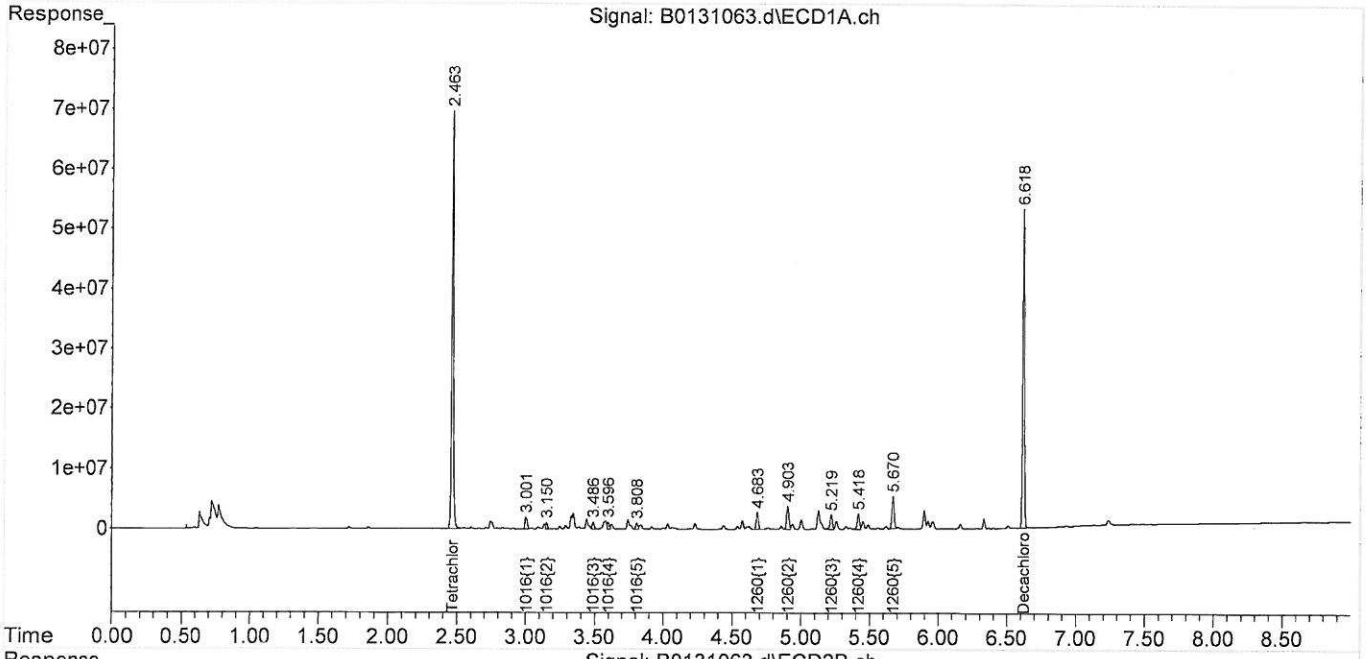
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

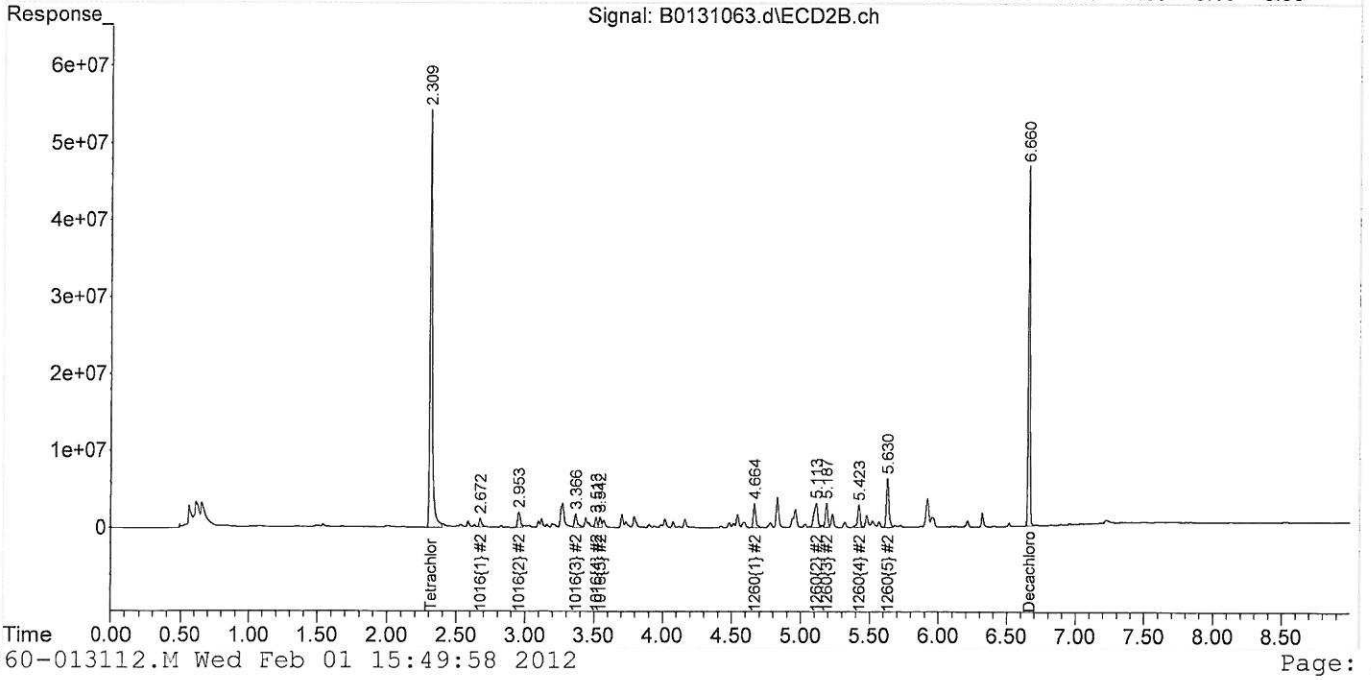
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131063.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:39 pm
Operator : JMB
Sample : B045275-MS1@5X Inst : ECD 2A
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:58 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045275-MS1	File ID:	B0131063.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:39
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]	0.20	0.022	0.11	R-05
11096-82-5	Aroclor-1260 [2C]	0.18	0.038	0.11	

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131063.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:39 pm
Operator : JMB
Sample : B045275-MS1@5X Inst : ECD 2A
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:58 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CHECKED BY: MARISSA CAGAN
FEB 0 2 2012

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	599.6E6	609.7E6	36.598	35.852
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.30%#	17.93%#
2) S Decachlor...	6.618	6.660	458.4E6	391.2E6	32.180	30.206
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.09%#	15.10%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	23368553	14758168	38.082	37.208
4) L1 1016{2}	3.151	2.953	9783852	26977110	37.311	36.830
5) L1 1016{3}	3.487	3.367	12182438	25420720	38.712	35.659
6) L1 1016{4}	3.597	3.513	11441219	13501956	39.762	39.161
7) L1 1016{5}	3.809	3.543	10045161	14266392	36.699	37.804
Sum 1016			66821222	94924345	190.566	186.662
Average 1016					38.113	37.332
8) L7 1260{1}	4.683	4.665	29944942	37140834	35.465	34.327
9) L7 1260{2}	4.904	5.113	44881038	57789971	37.205	33.146
10) L7 1260{3}	5.220	5.187	28991798	37735792	35.911	33.419
11) L7 1260{4}	5.418	5.423	29684669	38066488	37.426	34.878
12) L7 1260{5}	5.670	5.631	60765297	81283868	33.906	32.948
Sum 1260			194.3E6	252.0E6	179.913	168.719
Average 1260					35.983	33.744

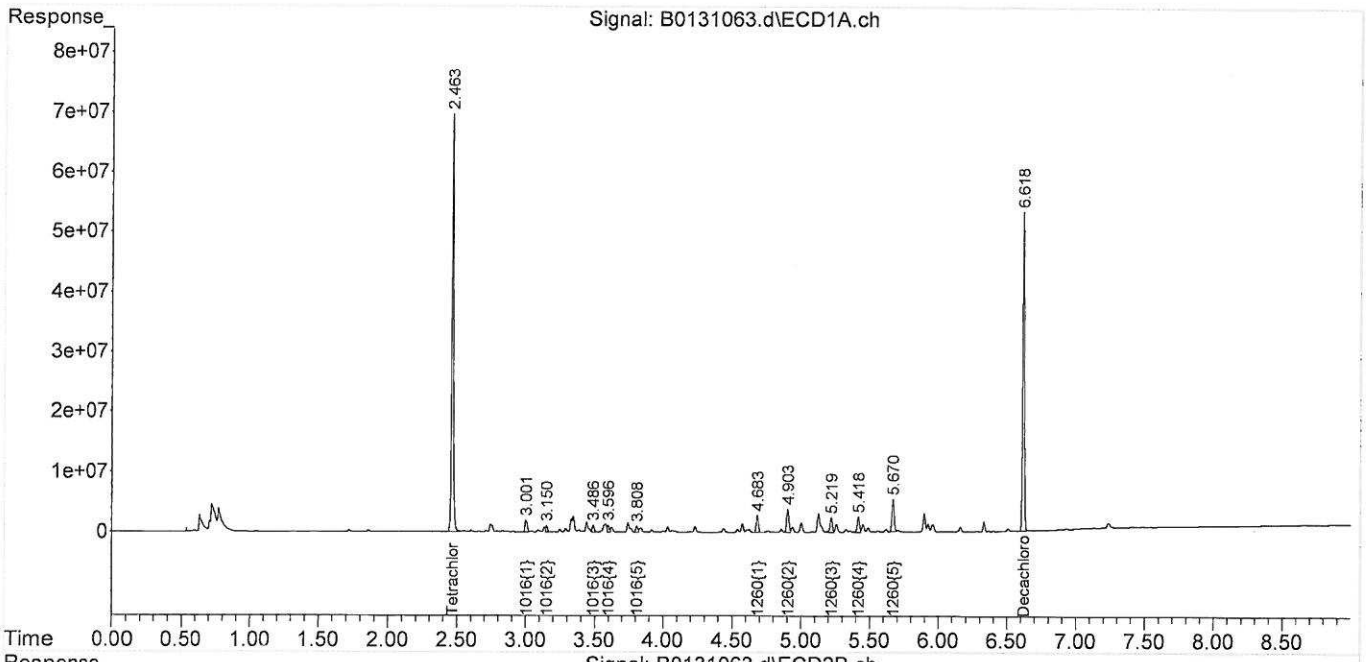
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

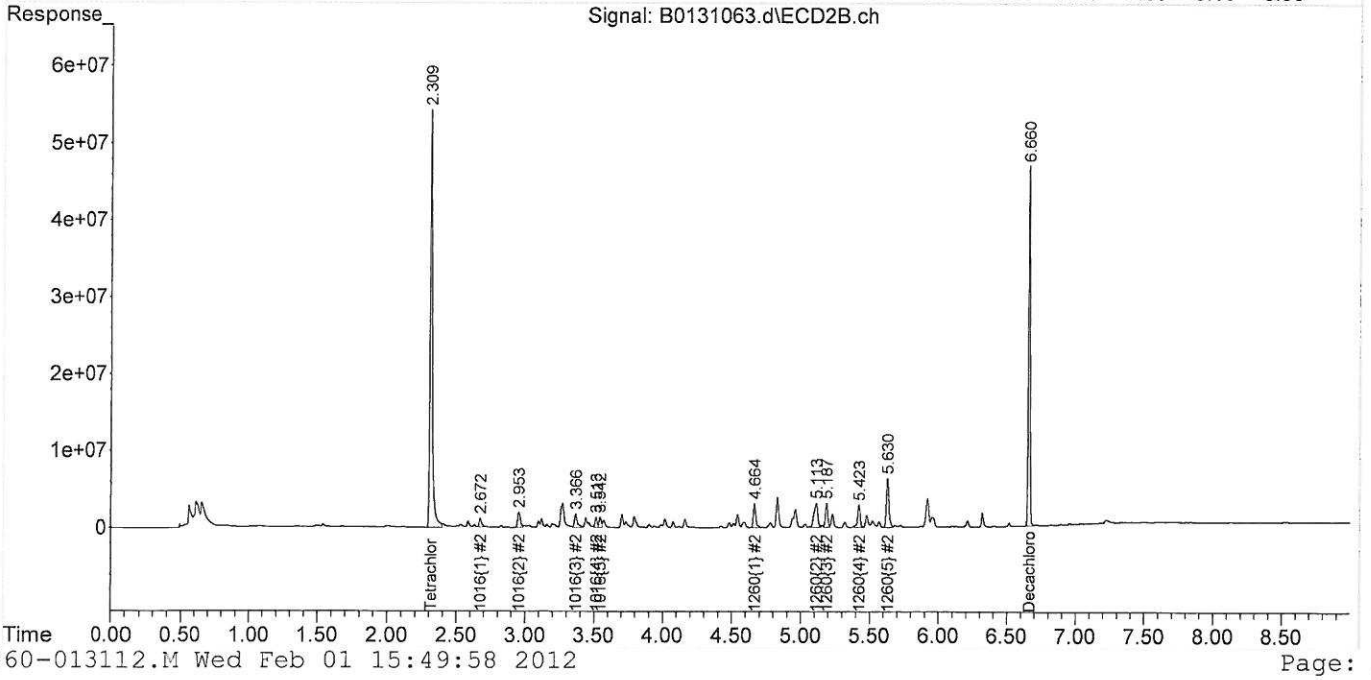
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131063.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:39 pm
Operator : JMB
Sample : B045275-MS1@5X Inst : ECD 2A
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:58 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045275-MSD1	File ID:	B0131064.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:52
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016	0.21	0.022	0.11	R-05
11096-82-5	Aroclor-1260	0.21	0.038	0.11	R-05

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131064.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:52 pm
Operator : JMB
Sample : B045275-MSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:50:01 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	597.2E6	605.5E6	36.455	35.602
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.23%#	17.80%#
2) S Decachlor...	6.618	6.660	468.7E6	399.5E6	32.898	30.847
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.45%#	15.42%#
Target Compounds						
3) L1 1016{1}	3.002	2.672	24467630	16045949	39.873	40.455
4) L1 1016{2}	3.151	2.953	8879823	28242858	33.864	38.558
5) L1 1016{3}	3.487	3.367	12611019	26378138	40.074	37.002
6) L1 1016{4}	3.597	3.513	12091397	13990967	42.022	40.579
7) L1 1016{5}	3.809	3.543	10514546	14828533	38.413	39.294
Sum 1016			68564415	99486446	194.246	195.887
Average 1016					38.849	39.177
8) L7 1260{1}	4.683	4.665	31927079	39695423	37.813	36.688
9) L7 1260{2}	4.903	5.112	47556982	61255592	39.423	35.134
10) L7 1260{3}	5.219	5.187	29205201	40102800	36.176	35.515
11) L7 1260{4}	5.418	5.422	31793088	40383241	40.084	37.001
12) L7 1260{5}	5.670	5.630	65095314	86777912	36.322	35.175
Sum 1260			205.6E6	268.2E6	189.818	179.513
Average 1260					37.964	35.903

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

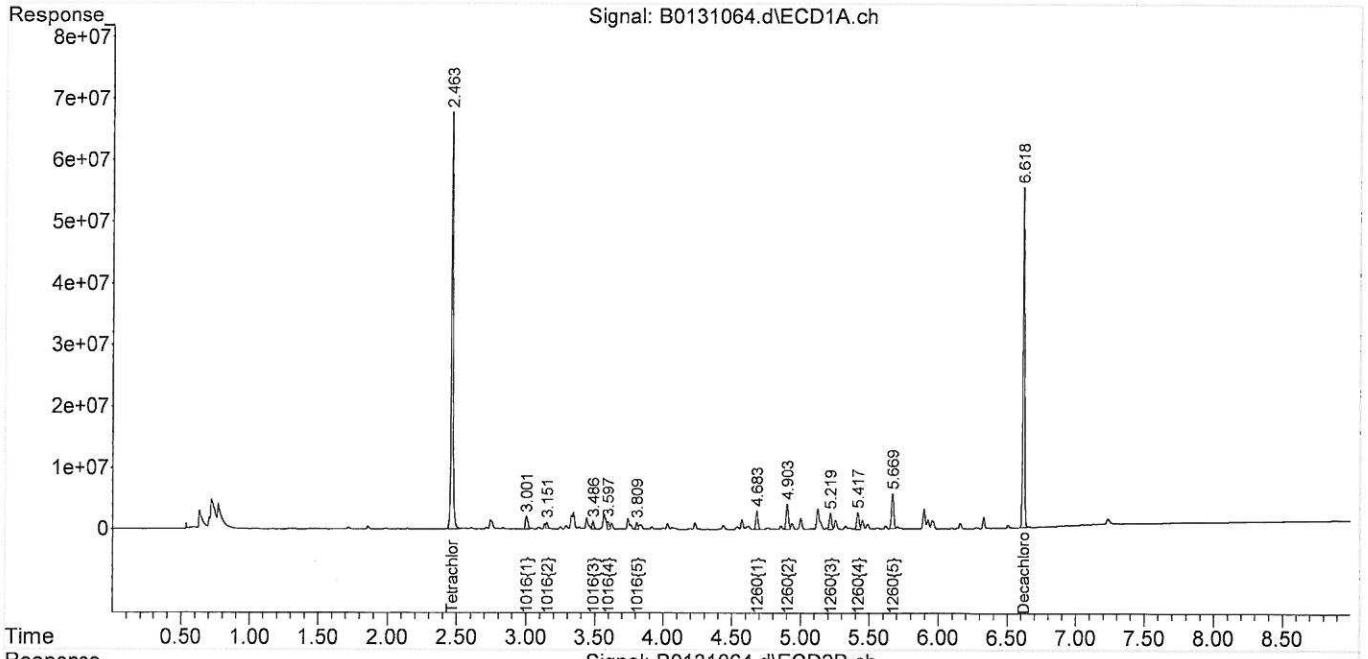
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

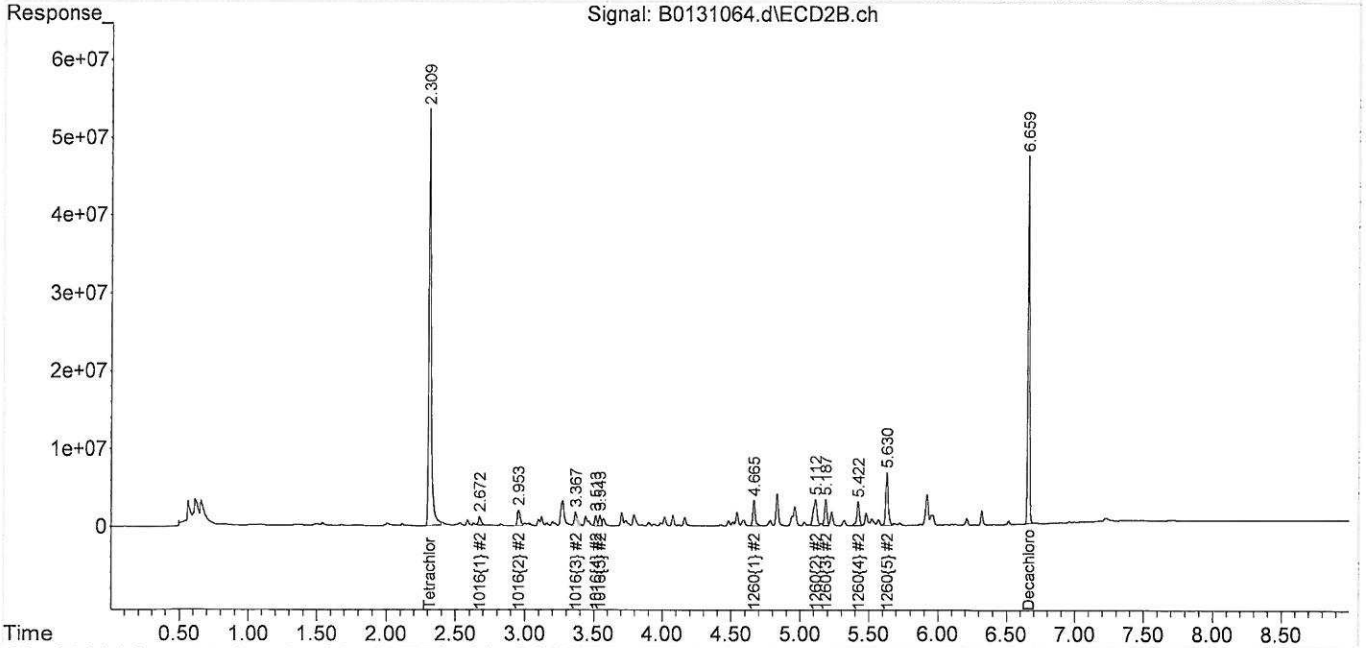
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131064.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:52 pm
Operator : JMB
Sample : B045275-MSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:50:01 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045275-MSD1	File ID:	B0131064.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:52
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]	0.21	0.022	0.11	R-05
11096-82-5	Aroclor-1260 [2C]	0.19	0.038	0.11	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131064.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:52 pm
Operator : JMB
Sample : B045275-MSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:50:01 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	597.2E6	605.5E6	36.455	35.602
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.23%#	17.80%#
2) S Decachlor...	6.618	6.660	468.7E6	399.5E6	32.898	30.847
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.45%#	15.42%#
Target Compounds						
3) L1 1016{1}	3.002	2.672	24467630	16045949	39.873	40.455
4) L1 1016{2}	3.151	2.953	8879823	28242858	33.864	38.558
5) L1 1016{3}	3.487	3.367	12611019	26378138	40.074	37.002
6) L1 1016{4}	3.597	3.513	12091397	13990967	42.022	40.579
7) L1 1016{5}	3.809	3.543	10514546	14828533	38.413	39.294
Sum 1016			68564415	99486446	194.246	195.887
Average 1016					38.849	39.177
8) L7 1260{1}	4.683	4.665	31927079	39695423	37.813	36.688
9) L7 1260{2}	4.903	5.112	47556982	61255592	39.423	35.134
10) L7 1260{3}	5.219	5.187	29205201	40102800	36.176	35.515
11) L7 1260{4}	5.418	5.422	31793088	40383241	40.084	37.001
12) L7 1260{5}	5.670	5.630	65095314	86777912	36.322	35.175
Sum 1260			205.6E6	268.2E6	189.818	179.513
Average 1260					37.964	35.903

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

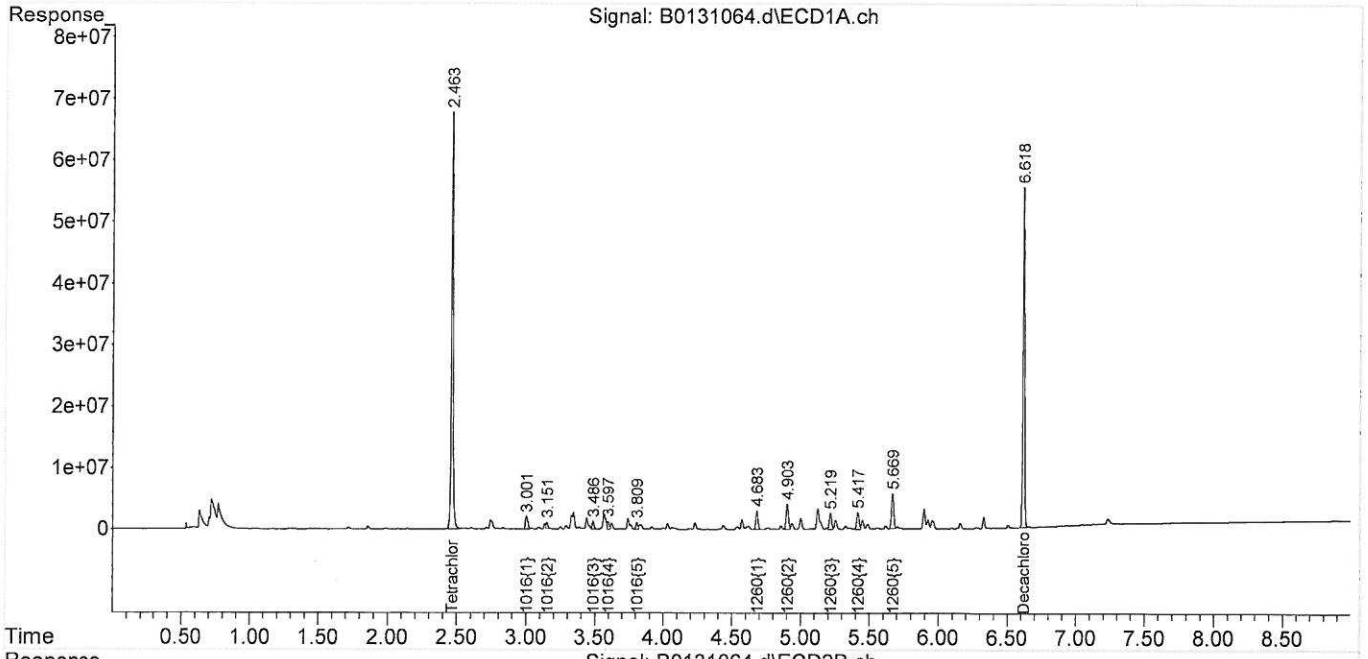
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

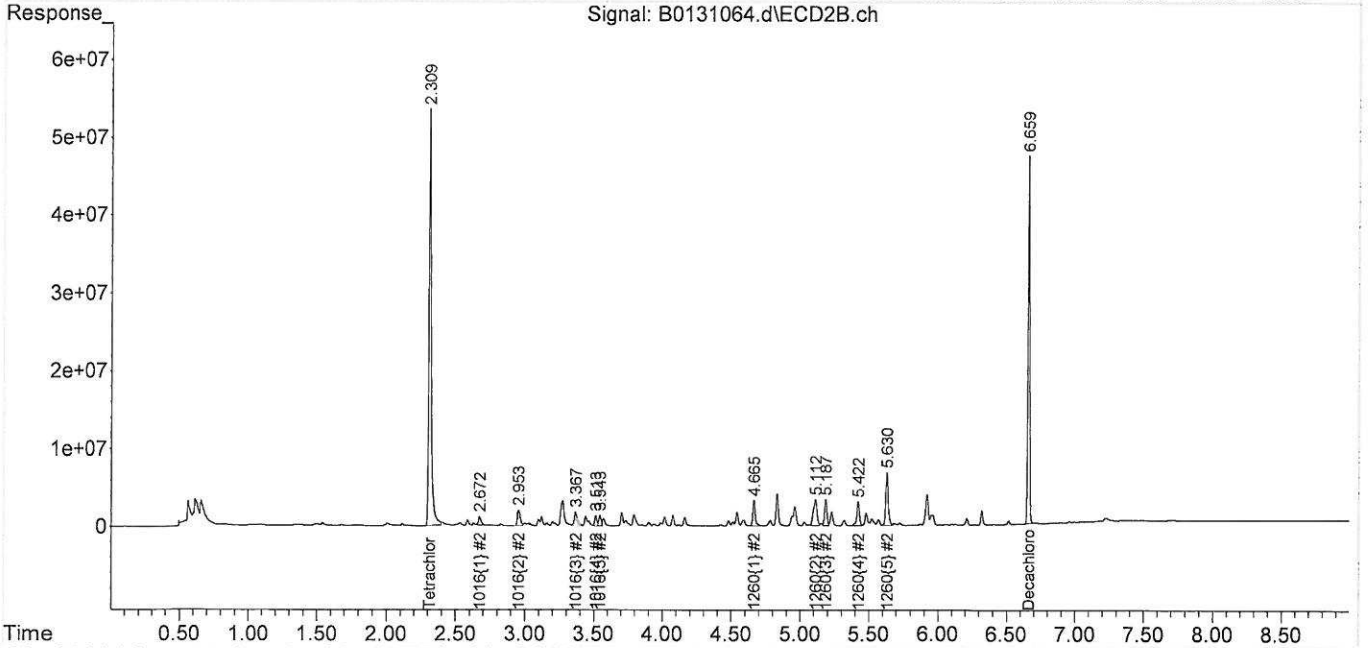
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131064.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:52 pm
Operator : JMB
Sample : B045275-MSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:50:01 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





PREPARATION BENCH SHEET

B045275

Con-Test Analytical Laboratory

Printed: 2/9/2012 2:16:31PM

Matrix: Soil **Prepared using: SV-GC - SW-846 3546** **Surrogate used: 1201249**

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12A0850-01	8082	01/31/12 02:05	10.2	10				1000		
12A0878-01	8082	01/31/12 02:05	10	10				1000		Clay, RCS-1 and Comm 97
12A0878-02	8082	01/31/12 02:05	10.1	10				1000		Wet clay & pebbles, RCS-1 and Comn
12A0880-01	8082	01/31/12 02:05	10.3	10				1000		clay
12A0880-02	8082	01/31/12 02:05	10	10				1000		clay
12A0880-03	8082	01/31/12 02:05	10.1	10				1000		Wet sand & pebbles
12A0880-04	8082	01/31/12 02:05	10.1	10				1000		Wet sand & pebbles
12A0880-05	8082	01/31/12 02:05	10.2	10				1000		Wet sand & pebbles
12A0880-06	8082	01/31/12 02:05	10.1	10				1000		Wet sand & pebbles
12A0882-01	8082	01/31/12 02:05	10.3	10				1000	Ecology & Environment	
12A0882-02	8082	01/31/12 02:05	10.2	10				1000	Ecology & Environment	
12A0882-03	8082	01/31/12 02:05	10.1	10				1000	Ecology & Environment	
12A0882-04	8082	01/31/12 02:05	10.3	10				1000	Ecology & Environment	MS/MSD
12A0896-01	8082	01/31/12 19:15	10.2	10				1000		
12A0911-05	8082	01/31/12 19:15	10.2	10				1000		
B045275-BLK1	QC	01/31/12 02:05	10	10				1000		Shared w/ B045274
B045275-BS1	QC	01/31/12 02:05	10	10	1201236		1000	1000		
B045275-BSD1	QC	01/31/12 02:05	10	10	1201236		1000	1000		
B045275-MS1	QC	01/31/12 02:05	10	10	1201236	12A0882-04	1000	1000		
B045275-MSD1	QC	01/31/12 02:05	10.1	10	1201236	12A0882-04	1000	1000		

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

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ICP

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB01

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01
Sampled:	01/27/12 10:00		
% Solids:	94.60		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7429-90-5	Aluminum	3700	1.4	2.5	1		B045655	02/06/12 13:18	SW-846 6010C
7440-36-0	Antimony		1.8	2.5	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-38-2	Arsenic		0.73	2.5	1	J	B045655	02/06/12 13:18	SW-846 6010C
7440-39-3	Barium	160	0.41	2.5	1		B045655	02/06/12 13:18	SW-846 6010C
7440-41-7	Beryllium		0.026	0.25	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-43-9	Cadmium		0.21	0.25	1	J	B045655	02/06/12 13:18	SW-846 6010C
7440-70-2	Calcium	8800	3.7	7.6	1		B045655	02/06/12 13:18	SW-846 6010C
7440-47-3	Chromium	6.0	0.43	0.51	1		B045655	02/06/12 13:18	SW-846 6010C
7440-48-4	Cobalt		0.27	2.5	1	J	B045655	02/06/12 13:18	SW-846 6010C
7440-50-8	Copper	9.4	0.43	0.51	1		B045655	02/06/12 13:18	SW-846 6010C
7439-89-6	Iron	5300	2.3	2.5	1		B045655	02/06/12 13:18	SW-846 6010C
7439-92-1	Lead	53	0.27	0.76	1		B045655	02/06/12 13:18	SW-846 6010C
7439-95-4	Magnesium	3100	5.0	7.6	1		B045655	02/06/12 13:18	SW-846 6010C
7439-96-5	Manganese	62	0.31	0.51	1		B045655	02/06/12 13:18	SW-846 6010C
7440-02-0	Nickel	3.5	0.11	0.51	1		B045655	02/06/12 13:18	SW-846 6010C
7440-09-7	Potassium	280	23	100	1		B045655	02/06/12 13:18	SW-846 6010C
7782-49-2	Selenium		0.62	5.1	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-22-4	Silver		0.19	0.51	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-23-5	Sodium	130	44	100	1		B045655	02/06/12 13:18	SW-846 6010C
7440-28-0	Thallium		1.1	2.5	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-62-2	Vanadium	12	0.15	1.0	1		B045655	02/06/12 13:18	SW-846 6010C
7440-66-6	Zinc	43	0.62	1.0	1		B045655	02/06/12 13:18	SW-846 6010C

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02
Sampled:	01/27/12 11:00		
% Solids:	92.90		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7429-90-5	Aluminum	4800	1.4	2.6	1		B045655	02/06/12 13:23	SW-846 6010C
7440-36-0	Antimony		1.9	2.6	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-38-2	Arsenic		0.76	2.6	1	J	B045655	02/06/12 13:23	SW-846 6010C
7440-39-3	Barium	140	0.42	2.6	1		B045655	02/06/12 13:23	SW-846 6010C
7440-41-7	Beryllium		0.027	0.26	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-43-9	Cadmium	0.27	0.22	0.26	1		B045655	02/06/12 13:23	SW-846 6010C
7440-70-2	Calcium	5900	3.9	7.9	1		B045655	02/06/12 13:23	SW-846 6010C
7440-47-3	Chromium	7.3	0.45	0.53	1		B045655	02/06/12 13:23	SW-846 6010C
7440-48-4	Cobalt		0.28	2.6	1	J	B045655	02/06/12 13:23	SW-846 6010C
7440-50-8	Copper	19	0.45	0.53	1		B045655	02/06/12 13:23	SW-846 6010C
7439-89-6	Iron	6500	2.4	2.6	1		B045655	02/06/12 13:23	SW-846 6010C
7439-92-1	Lead	56	0.29	0.79	1		B045655	02/06/12 13:23	SW-846 6010C
7439-95-4	Magnesium	1700	5.2	7.9	1		B045655	02/06/12 13:23	SW-846 6010C
7439-96-5	Manganese	59	0.32	0.53	1		B045655	02/06/12 13:23	SW-846 6010C
7440-02-0	Nickel	4.8	0.11	0.53	1		B045655	02/06/12 13:23	SW-846 6010C
7440-09-7	Potassium	310	24	110	1		B045655	02/06/12 13:23	SW-846 6010C
7782-49-2	Selenium		0.65	5.3	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-22-4	Silver		0.20	0.53	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-23-5	Sodium	150	46	110	1		B045655	02/06/12 13:23	SW-846 6010C
7440-28-0	Thallium		1.1	2.6	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-62-2	Vanadium	15	0.15	1.1	1		B045655	02/06/12 13:23	SW-846 6010C
7440-66-6	Zinc	70	0.64	1.1	1		B045655	02/06/12 13:23	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03
Sampled:	01/27/12 11:00		
% Solids:	92.80		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7429-90-5	Aluminum	5000	1.4	2.6	1		B045655	02/06/12 13:28	SW-846 6010C
7440-36-0	Antimony		1.9	2.6	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-38-2	Arsenic		0.75	2.6	1	J	B045655	02/06/12 13:28	SW-846 6010C
7440-39-3	Barium	90	0.42	2.6	1		B045655	02/06/12 13:28	SW-846 6010C
7440-41-7	Beryllium		0.026	0.26	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-43-9	Cadmium		0.22	0.26	1	J	B045655	02/06/12 13:28	SW-846 6010C
7440-70-2	Calcium	4300	3.8	7.8	1		B045655	02/06/12 13:28	SW-846 6010C
7440-47-3	Chromium	6.8	0.44	0.52	1		B045655	02/06/12 13:28	SW-846 6010C
7440-48-4	Cobalt		0.28	2.6	1	J	B045655	02/06/12 13:28	SW-846 6010C
7440-50-8	Copper	11	0.45	0.52	1		B045655	02/06/12 13:28	SW-846 6010C
7439-89-6	Iron	5800	2.3	2.6	1		B045655	02/06/12 13:28	SW-846 6010C
7439-92-1	Lead	45	0.28	0.78	1		B045655	02/06/12 13:28	SW-846 6010C
7439-95-4	Magnesium	1100	5.1	7.8	1		B045655	02/06/12 13:28	SW-846 6010C
7439-96-5	Manganese	50	0.32	0.52	1		B045655	02/06/12 13:28	SW-846 6010C
7440-02-0	Nickel	3.4	0.11	0.52	1		B045655	02/06/12 13:28	SW-846 6010C
7440-09-7	Potassium	270	23	100	1		B045655	02/06/12 13:28	SW-846 6010C
7782-49-2	Selenium		0.64	5.2	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-22-4	Silver		0.20	0.52	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-23-5	Sodium	110	45	100	1		B045655	02/06/12 13:28	SW-846 6010C
7440-28-0	Thallium		1.1	2.6	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-62-2	Vanadium	12	0.15	1.0	1		B045655	02/06/12 13:28	SW-846 6010C
7440-66-6	Zinc	66	0.63	1.0	1		B045655	02/06/12 13:28	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04
Sampled:	01/27/12 12:00		
% Solids:	91.50		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7429-90-5	Aluminum	7800	1.4	2.7	1		B045655	02/06/12 12:13	SW-846 6010C
7440-36-0	Antimony		1.9	2.7	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-38-2	Arsenic		0.77	2.7	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-39-3	Barium	13	0.43	2.7	1		B045655	02/06/12 12:13	SW-846 6010C
7440-41-7	Beryllium		0.027	0.27	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-43-9	Cadmium		0.22	0.27	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-70-2	Calcium	450	3.9	8.0	1		B045655	02/06/12 12:13	SW-846 6010C
7440-47-3	Chromium	6.0	0.45	0.53	1		B045655	02/06/12 12:13	SW-846 6010C
7440-48-4	Cobalt		0.28	2.7	1	J	B045655	02/06/12 12:13	SW-846 6010C
7440-50-8	Copper	2.1	0.46	0.53	1		B045655	02/06/12 12:13	SW-846 6010C
7439-89-6	Iron	6500	2.4	2.7	1		B045655	02/06/12 12:13	SW-846 6010C
7439-92-1	Lead	7.3	0.29	0.80	1		B045655	02/06/12 12:13	SW-846 6010C
7439-95-4	Magnesium	400	5.2	8.0	1		B045655	02/06/12 12:13	SW-846 6010C
7439-96-5	Manganese	17	0.32	0.53	1		B045655	02/06/12 12:13	SW-846 6010C
7440-02-0	Nickel	2.4	0.11	0.53	1		B045655	02/06/12 12:13	SW-846 6010C
7440-09-7	Potassium	280	24	110	1		B045655	02/06/12 12:13	SW-846 6010C
7782-49-2	Selenium		0.65	5.3	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-22-4	Silver		0.20	0.53	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-23-5	Sodium		46	110	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-28-0	Thallium		1.1	2.7	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-62-2	Vanadium	11	0.15	1.1	1		B045655	02/06/12 12:13	SW-846 6010C
7440-66-6	Zinc	13	0.65	1.1	1		B045655	02/06/12 12:13	SW-846 6010C

con-test® ANALYTICAL LABORATORY
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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001752

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001752-ICV1	Aluminum	1.00	1.05	105	mg/L	+/- 10.00%
	Antimony	1.00	1.01	101	mg/L	+/- 10.00%
	Arsenic	1.00	1.03	103	mg/L	+/- 10.00%
	Barium	1.00	1.02	102	mg/L	+/- 10.00%
	Beryllium	1.00	1.05	105	mg/L	+/- 10.00%
	Cadmium	1.00	1.05	105	mg/L	+/- 10.00%
	Calcium	1.00	1.06	106	mg/L	+/- 10.00%
	Chromium	1.00	1.02	102	mg/L	+/- 10.00%
	Cobalt	1.00	1.02	102	mg/L	+/- 10.00%
	Copper	1.00	0.998	99.8	mg/L	+/- 10.00%
	Iron	1.00	1.09	109	mg/L	+/- 10.00%
	Lead	1.00	0.999	99.9	mg/L	+/- 10.00%
	Magnesium	1.00	1.09	109	mg/L	+/- 10.00%
	Manganese	1.00	1.09	109	mg/L	+/- 10.00%
	Nickel	1.00	1.02	102	mg/L	+/- 10.00%
	Potassium	10.0	10.0	100	mg/L	+/- 10.00%
	Selenium	1.00	1.02	102	mg/L	+/- 10.00%
	Silver	1.00	1.03	103	mg/L	+/- 10.00%
	Sodium	1.00	1.08	108	mg/L	+/- 10.00%
	Thallium	1.00	0.995	99.5	mg/L	+/- 10.00%
	Vanadium	1.00	1.04	104	mg/L	+/- 10.00%
	Zinc	1.00	1.04	104	mg/L	+/- 10.00%
S001752-CCV1	Aluminum	5.00	5.12	102	mg/L	+/- 10.00%
	Antimony	5.00	5.30	106	mg/L	+/- 10.00%
	Arsenic	5.00	5.08	102	mg/L	+/- 10.00%
	Barium	5.00	5.12	102	mg/L	+/- 10.00%
	Beryllium	5.00	5.15	103	mg/L	+/- 10.00%
	Cadmium	5.00	5.15	103	mg/L	+/- 10.00%
	Chromium	5.00	5.06	101	mg/L	+/- 10.00%

con-test® ANALYTICAL LABORATORY
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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001752

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001752-CCV1	Cobalt	5.00	5.08	102	mg/L	+/- 10.00%
	Copper	5.00	5.03	101	mg/L	+/- 10.00%
	Iron	5.00	5.08	102	mg/L	+/- 10.00%
	Lead	5.00	4.94	98.8	mg/L	+/- 10.00%
	Manganese	5.00	5.10	102	mg/L	+/- 10.00%
	Nickel	5.00	5.01	100	mg/L	+/- 10.00%
	Selenium	5.00	5.00	100	mg/L	+/- 10.00%
	Thallium	5.00	5.04	101	mg/L	+/- 10.00%
	Vanadium	5.00	5.05	101	mg/L	+/- 10.00%
	Zinc	5.00	5.10	102	mg/L	+/- 10.00%
S001752-CCV2	Silver	2.00	2.04	102	mg/L	+/- 10.00%
S001752-CCV3	Calcium	5.00	5.16	103	mg/L	+/- 10.00%
	Magnesium	5.00	5.13	103	mg/L	+/- 10.00%
	Potassium	25.0	25.2	101	mg/L	+/- 10.00%
	Sodium	5.00	5.11	102	mg/L	+/- 10.00%
S001752-CCV4	Aluminum	5.00	5.11	102	mg/L	+/- 10.00%
	Antimony	5.00	5.15	103	mg/L	+/- 10.00%
	Arsenic	5.00	4.92	98.4	mg/L	+/- 10.00%
	Barium	5.00	5.08	102	mg/L	+/- 10.00%
	Beryllium	5.00	5.15	103	mg/L	+/- 10.00%
	Cadmium	5.00	5.14	103	mg/L	+/- 10.00%
	Chromium	5.00	4.95	98.9	mg/L	+/- 10.00%
	Cobalt	5.00	5.03	101	mg/L	+/- 10.00%
	Copper	5.00	5.00	99.9	mg/L	+/- 10.00%
	Iron	5.00	5.02	100	mg/L	+/- 10.00%
	Lead	5.00	4.73	94.6	mg/L	+/- 10.00%
	Manganese	5.00	5.02	100	mg/L	+/- 10.00%
	Nickel	5.00	4.83	96.6	mg/L	+/- 10.00%
	Selenium	5.00	4.89	97.8	mg/L	+/- 10.00%

con-test® ANALYTICAL LABORATORY
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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001752

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001752-CCV4	Thallium	5.00	5.02	100	mg/L	+/- 10.00%
	Vanadium	5.00	5.01	100	mg/L	+/- 10.00%
	Zinc	5.00	5.02	100	mg/L	+/- 10.00%
S001752-CCV5	Silver	2.00	2.06	103	mg/L	+/- 10.00%
S001752-CCV6	Calcium	5.00	4.93	98.7	mg/L	+/- 10.00%
	Magnesium	5.00	4.97	99.3	mg/L	+/- 10.00%
	Potassium	25.0	23.9	95.5	mg/L	+/- 10.00%
	Sodium	5.00	4.90	98.0	mg/L	+/- 10.00%
S001752-CCV7	Aluminum	5.00	5.28	106	mg/L	+/- 10.00%
	Antimony	5.00	5.31	106	mg/L	+/- 10.00%
	Arsenic	5.00	4.98	99.7	mg/L	+/- 10.00%
	Barium	5.00	5.13	103	mg/L	+/- 10.00%
	Beryllium	5.00	5.09	102	mg/L	+/- 10.00%
	Cadmium	5.00	5.21	104	mg/L	+/- 10.00%
	Chromium	5.00	4.92	98.4	mg/L	+/- 10.00%
	Cobalt	5.00	5.09	102	mg/L	+/- 10.00%
	Copper	5.00	5.04	101	mg/L	+/- 10.00%
	Iron	5.00	5.18	104	mg/L	+/- 10.00%
	Lead	5.00	4.66	93.2	mg/L	+/- 10.00%
	Manganese	5.00	5.02	100	mg/L	+/- 10.00%
	Nickel	5.00	4.80	96.0	mg/L	+/- 10.00%
	Selenium	5.00	4.96	99.2	mg/L	+/- 10.00%
	Thallium	5.00	5.16	103	mg/L	+/- 10.00%
	Vanadium	5.00	5.05	101	mg/L	+/- 10.00%
	Zinc	5.00	5.06	101	mg/L	+/- 10.00%
S001752-CCV8	Silver	2.00	2.04	102	mg/L	+/- 10.00%
S001752-CCV9	Calcium	5.00	5.01	100	mg/L	+/- 10.00%
	Magnesium	5.00	4.99	99.8	mg/L	+/- 10.00%
	Potassium	25.0	24.7	98.7	mg/L	+/- 10.00%

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001752

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001752-CCV9	Sodium	5.00	5.00	100	mg/L	+/- 10.00%

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	Found	Units	RL	C
S001752-ICB1	Aluminum	-0.00325	mg/L	0.050	U
	Antimony	-0.00624	mg/L	0.050	U
	Arsenic	-0.00150	mg/L	0.050	U
	Barium	-7.41E-5	mg/L	0.050	U
	Beryllium	-7.78E-5	mg/L	0.0050	U
	Cadmium	-2.71E-5	mg/L	0.0050	U
	Calcium	0.00227	mg/L	0.15	U
	Chromium	-1.89E-4	mg/L	0.010	U
	Cobalt	-1.48E-4	mg/L	0.050	U
	Copper	1.18E-4	mg/L	0.010	U
	Iron	0.00185	mg/L	0.050	U
	Lead	3.90E-4	mg/L	0.015	U
	Magnesium	-0.00122	mg/L	0.15	U
	Manganese	1.70E-4	mg/L	0.010	U
	Nickel	-4.66E-4	mg/L	0.010	U
	Potassium	0.0856	mg/L	2.0	U
	Selenium	1.55E-4	mg/L	0.10	U
	Silver	0.00133	mg/L	0.010	U
	Sodium	0.00201	mg/L	2.0	U
	Thallium	0.00136	mg/L	0.050	U
	Vanadium	-1.21E-4	mg/L	0.020	U
	Zinc	4.05E-5	mg/L	0.020	U
B045655-BLK1	Aluminum	1.3	mg/Kg wet	2.5	U
	Antimony	-0.67	mg/Kg wet	2.5	U
	Arsenic	-0.055	mg/Kg wet	2.5	U
	Barium	0.0081	mg/Kg wet	2.5	U
	Beryllium	0.018	mg/Kg wet	0.25	U
	Cadmium	0.014	mg/Kg wet	0.25	U
	Calcium	3.3	mg/Kg wet	7.5	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	Found	Units	RL	C
B045655-BLK1	Chromium	0.0077	mg/Kg wet	0.50	U
	Cobalt	-0.0036	mg/Kg wet	2.5	U
	Copper	0.070	mg/Kg wet	0.50	U
	Iron	1.8	mg/Kg wet	2.5	U
	Lead	0.063	mg/Kg wet	0.75	U
	Magnesium	0.29	mg/Kg wet	7.5	U
	Manganese	0.042	mg/Kg wet	0.50	U
	Nickel	0.0057	mg/Kg wet	0.50	U
	Potassium	4.9	mg/Kg wet	100	U
	Selenium	0.075	mg/Kg wet	5.0	U
	Silver	-0.15	mg/Kg wet	0.50	U
	Sodium	1.0	mg/Kg wet	100	U
	Thallium	0.20	mg/Kg wet	2.5	U
	Vanadium	-0.0019	mg/Kg wet	1.0	U
	Zinc	0.84	mg/Kg wet	1.0	J
S001752-CCB2	Aluminum	-0.00087	mg/L	0.050	U
	Antimony	-0.0079	mg/L	0.050	U
	Arsenic	-0.0018	mg/L	0.050	U
	Barium	-8.5E-5	mg/L	0.050	U
	Beryllium	-4.8E-5	mg/L	0.0050	U
	Cadmium	-1.3E-5	mg/L	0.0050	U
	Calcium	0.0079	mg/L	0.15	U
	Chromium	-0.00015	mg/L	0.010	U
	Cobalt	-0.00015	mg/L	0.050	U
	Copper	0.00016	mg/L	0.010	U
	Iron	0.00090	mg/L	0.050	U
	Lead	-8.4E-5	mg/L	0.015	U
	Magnesium	0.0036	mg/L	0.15	U
	Manganese	-1.2E-5	mg/L	0.010	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	Found	Units	RL	C
S001752-CCB2	Nickel	-0.00014	mg/L	0.010	U
	Potassium	0.018	mg/L	2.0	U
	Selenium	0.0010	mg/L	0.10	U
	Silver	-0.0030	mg/L	0.010	U
	Sodium	0.0015	mg/L	2.0	U
	Thallium	-0.00034	mg/L	0.050	U
	Vanadium	-0.00042	mg/L	0.020	U
	Zinc	0.0020	mg/L	0.020	U
S001752-CCB3	Aluminum	-0.0085	mg/L	0.050	U
	Antimony	-0.0059	mg/L	0.050	U
	Arsenic	-0.00076	mg/L	0.050	U
	Barium	-7.5E-5	mg/L	0.050	U
	Beryllium	5.0E-6	mg/L	0.0050	U
	Cadmium	7.0E-6	mg/L	0.0050	U
	Calcium	0.013	mg/L	0.15	U
	Chromium	4.1E-5	mg/L	0.010	U
	Cobalt	-0.00029	mg/L	0.050	U
	Copper	0.00020	mg/L	0.010	U
	Iron	0.0031	mg/L	0.050	U
	Lead	0.00089	mg/L	0.015	U
	Magnesium	0.0036	mg/L	0.15	U
	Manganese	1.7E-5	mg/L	0.010	U
	Nickel	3.0E-5	mg/L	0.010	U
	Potassium	0.053	mg/L	2.0	U
	Selenium	-0.00077	mg/L	0.10	U
	Silver	-0.0037	mg/L	0.010	U
	Sodium	0.0037	mg/L	2.0	U
	Thallium	0.0013	mg/L	0.050	U
	Vanadium	-0.00052	mg/L	0.020	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	Found	Units	RL	C
S001752-CCB3	Zinc	0.0023	mg/L	0.020	U

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001752-IFA1	Aluminum	2.50	250	272.58	109	mg/L
	Antimony	2.50		0.02		mg/L
	Arsenic	2.50		-0.01		mg/L
	Barium	2.50		0.02		mg/L
	Beryllium	0.25		0.00		mg/L
	Cadmium	0.25		0.00		mg/L
	Calcium	7.50	250	264.08	106	mg/L
	Chromium	0.50		0.00		mg/L
	Cobalt	2.50		0.00		mg/L
	Copper	0.50		0.00		mg/L
	Iron	2.50	100	105.37	105	mg/L
	Lead	0.75		-0.02		mg/L
	Magnesium	7.50	250	245.45	98.2	mg/L
	Manganese	0.50		0.01		mg/L
	Nickel	0.50		-0.01		mg/L
	Potassium	100.00		0.18		mg/L
	Selenium	5.00		0.02		mg/L
	Silver	0.50		0.00		mg/L
	Sodium	100.00		0.04		mg/L
	Thallium	2.50		-0.03		mg/L
	Vanadium	1.00		0.00		mg/L
	Zinc	1.00		0.01		mg/L
S001752-IFB1	Aluminum	2.50	250	273.95	110	mg/L
	Antimony	2.50		0.02		mg/L
	Arsenic	2.50		-0.01		mg/L
	Barium	2.50	0.500	0.56	112	mg/L
	Beryllium	0.25	0.500	0.58	116	mg/L
	Cadmium	0.25	1.00	1.16	116	mg/L
	Calcium	7.50	250	264.02	106	mg/L
	Chromium	0.50	0.500	0.54	108	mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001752-IFB1	Cobalt	2.50	0.500	0.52	103	mg/L
	Copper	0.50	0.500	0.57	114	mg/L
	Iron	2.50	100	104.12	104	mg/L
	Lead	0.75	1.00	0.97	97.0	mg/L
	Magnesium	7.50	250	244.56	97.8	mg/L
	Manganese	0.50	0.500	0.55	111	mg/L
	Nickel	0.50	1.00	0.99	99.3	mg/L
	Potassium	100.00		0.12		mg/L
	Selenium	5.00		0.02		mg/L
	Silver	0.50	1.00	1.15	115	mg/L
	Sodium	100.00		0.05		mg/L
	Thallium	2.50		-0.02		mg/L
	Vanadium	1.00	0.500	0.56	111	mg/L
	Zinc	1.00	1.00	1.05	105	mg/L
S001752-IFA2	Aluminum	2.50	250	266.36	107	mg/L
	Antimony	2.50		0.03		mg/L
	Arsenic	2.50		-0.01		mg/L
	Barium	2.50		0.02		mg/L
	Beryllium	0.25		0.00		mg/L
	Cadmium	0.25		0.00		mg/L
	Calcium	7.50	250	248.84	99.5	mg/L
	Chromium	0.50		0.00		mg/L
	Cobalt	2.50		0.00		mg/L
	Copper	0.50		0.00		mg/L
	Iron	2.50	100	96.32	96.3	mg/L
	Lead	0.75		-0.02		mg/L
	Magnesium	7.50	250	226.63	90.6	mg/L
	Manganese	0.50		0.01		mg/L
	Nickel	0.50		-0.01		mg/L
	Potassium	100.00		0.18		mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001752-IFA2	Selenium	5.00		0.03		mg/L
	Silver	0.50		0.00		mg/L
	Sodium	100.00		0.27		mg/L
	Thallium	2.50		-0.02		mg/L
	Vanadium	1.00		0.00		mg/L
	Zinc	1.00		0.01		mg/L
S001752-IFB2	Aluminum	2.50	250	264.01	106	mg/L
	Antimony	2.50		0.02		mg/L
	Arsenic	2.50		-0.01		mg/L
	Barium	2.50	0.500	0.54	109	mg/L
	Beryllium	0.25	0.500	0.54	108	mg/L
	Cadmium	0.25	1.00	1.13	113	mg/L
	Calcium	7.50	250	245.56	98.2	mg/L
	Chromium	0.50	0.500	0.51	102	mg/L
	Cobalt	2.50	0.500	0.50	99.5	mg/L
	Copper	0.50	0.500	0.55	110	mg/L
	Iron	2.50	100	93.35	93.4	mg/L
	Lead	0.75	1.00	0.89	89.2	mg/L
	Magnesium	7.50	250	223.26	89.3	mg/L
	Manganese	0.50	0.500	0.49	98.3	mg/L
	Nickel	0.50	1.00	0.93	93.1	mg/L
	Potassium	100.00		0.21		mg/L
	Selenium	5.00		0.04		mg/L
	Silver	0.50	1.00	1.10	110	mg/L
	Sodium	100.00		0.31		mg/L
	Thallium	2.50		-0.03		mg/L
	Vanadium	1.00	0.500	0.54	107	mg/L
	Zinc	1.00	1.00	1.01	101	mg/L

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 6010C
Batch:	B045655	Preparation:	SW-846 3050B
% Solids:	91.50	Laboratory ID:	B045655-MS1
Column:		Sample Lab ID:	12A0882-04

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
Aluminum	107	7820	9140	1240		75 - 125
Antimony	107	ND	65.4	61.4	N	75 - 125
Arsenic	107	ND	105	98.8		75 - 125
Barium	107	12.6	120	101		75 - 125
Beryllium	107	ND	115	108		75 - 125
Cadmium	107	ND	107	100		75 - 125
Calcium	107	452	587	127		75 - 125
Chromium	107	6.05	113	100		75 - 125
Cobalt	107	0.967	105	97.8		75 - 125
Copper	107	2.11	111	103		75 - 125
Iron	107	6540	6790	236		75 - 125
Lead	107	7.31	104	91.0		75 - 125
Magnesium	107	401	581	169		75 - 125
Manganese	107	17.4	128	104		75 - 125
Nickel	107	2.40	104	95.1		75 - 125
Potassium	1070	281	1390	104		75 - 125
Selenium	107	ND	102	95.5		75 - 125
Silver	107	ND	104	98.0		75 - 125
Sodium	107	ND	152	143	N	75 - 125
Thallium	107	ND	101	94.9		75 - 125
Vanadium	107	11.2	122	104		75 - 125
Zinc	107	12.6	119	99.8		75 - 125

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 6010C
Batch:	B045655	Preparation:	SW-846 3050B
% Solids:	91.50	Laboratory ID:	B045655-MSD1
Column:		Sample Lab ID:	12A0882-04

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
Aluminum	109	8840	943		3.28		35	75 - 125
Antimony	109	66.3	61.0	N	1.33	N	35	75 - 125
Arsenic	109	107	98.1		1.19		35	75 - 125
Barium	109	119	98.0		1.03		35	75 - 125
Beryllium	109	113	104		1.79		35	75 - 125
Cadmium	109	108	99.3		0.885		35	75 - 125
Calcium	109	579	117		1.43		35	75 - 125
Chromium	109	113	98.1		0.237		35	75 - 125
Cobalt	109	106	96.7		0.673		35	75 - 125
Copper	109	111	100		0.447		35	75 - 125
Iron	109	6860	296		1.03		35	75 - 125
Lead	109	105	89.7		0.412		35	75 - 125
Magnesium	109	584	169		0.534		35	75 - 125
Manganese	109	129	103		1.28		35	75 - 125
Nickel	109	104	93.3		0.0609		35	75 - 125
Potassium	1090	1400	103		0.555		35	75 - 125
Selenium	109	103	95.2		1.54		35	75 - 125
Silver	109	104	95.9		0.226		35	75 - 125
Sodium	109	153	141	N	0.833	N	35	75 - 125
Thallium	109	102	93.9		0.860		35	75 - 125
Vanadium	109	123	102		0.182		35	75 - 125
Zinc	109	120	98.5		0.517		35	75 - 125

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DUPLICATES

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045655-DUP1
Batch:	B045655	Initial/Final:	1.0212 g / 50 mL
Preparation:	SW-846 3050B	Analysis:	SW-846 6010C
% Solids:	91.50		

ANALYTE	SAMPLE CONCENTRATION (mg/Kg dry)	DUPLICATE CONCENTRATION (mg/Kg dry)	RPD %	Q	CONTROL LIMIT
Aluminum	7820	7060	10.1		35
Antimony	ND	2.7 U			35
Arsenic	ND	2.7 U			35
Barium	12.6	11.2	11.9		35
Beryllium	ND	0.27 U			35
Cadmium	ND	0.27 U			35
Calcium	452	466	3.05		35
Chromium	6.05	5.35	12.2		35
Cobalt	0.967	2.7 J			35
Copper	2.11	1.96	7.62		35
Iron	6540	6250	4.46		35
Lead	7.31	6.03	19.2		35
Magnesium	401	398	0.633		35
Manganese	17.4	17.6	0.965		35
Nickel	2.40	2.16	10.6		35
Potassium	281	236	17.3		35
Selenium	ND	5.4 U			35
Silver	ND	0.54 U			35
Sodium	ND	110 U			35
Thallium	ND	2.7 U			35
Vanadium	11.2	10.2	9.12		35
Zinc	12.6	11.5	9.20		35

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3050B
Batch:	B045655	Laboratory ID:	B045655-BS1
Column:		Initial/Final:	0.5005 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Aluminum	8390	7900	94.2	39 - 161
Antimony	106	92.1	86.9	30 - 219
Arsenic	109	111	102	83.2 - 117.4
Barium	206	208	101	83.1 - 116.9
Beryllium	88.2	95.7	109	83.7 - 116.2
Cadmium	80.2	84.5	105	80.7 - 119.1
Calcium	6700	6950	104	78.4 - 121.6
Chromium	117	119	102	80.6 - 119.9
Cobalt	127	130	102	81.2 - 118.8
Copper	117	120	103	83.8 - 116.2
Iron	12300	12200	98.9	50.5 - 148.8
Lead	76.2	70.9	93.1	70.7 - 129
Magnesium	2640	2790	106	69.5 - 130.2
Manganese	350	371	106	76.7 - 123.2
Nickel	71.2	70.7	99.3	81.2 - 118.3
Potassium	2960	3130	106	65.3 - 134.5
Selenium	127	130	102	79.2 - 120.3
Silver	41.0	41.0	99.9	66.3 - 133.7
Sodium	360	382	106	70.8 - 129.3
Thallium	266	265	99.5	77.8 - 121.6
Vanadium	86.1	90.2	105	76.8 - 123.6
Zinc	280	280	100	81.9 - 117.7

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aluminum	8390	8060	96.1	2.06	30	39 - 161
Antimony	106	93.6	88.3	1.59	30	30 - 219
Arsenic	109	113	104	1.36	30	83.2 - 117.4
Barium	206	213	103	2.54	30	83.1 - 116.9
Beryllium	88.2	98.6	112	2.92	30	83.7 - 116.2

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3050B
Batch:	B045655	Laboratory ID:	B045655-BSD1
Column:		Initial/Final:	0.5023 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium	80.2	91.4	114	7.90	30	80.7 - 119.1
Calcium	6700	7470	112	7.32	30	78.4 - 121.6
Chromium	117	125	107	4.48	30	80.6 - 119.9
Cobalt	127	135	106	3.72	30	81.2 - 118.8
Copper	117	129	110	6.87	30	83.8 - 116.2
Iron	12300	12300	100	1.09	30	50.5 - 148.8
Lead	76.2	74.0	97.1	4.27	30	70.7 - 129
Magnesium	2640	2810	106	0.463	30	69.5 - 130.2
Manganese	350	382	109	2.82	30	76.7 - 123.2
Nickel	71.2	74.7	105	5.51	30	81.2 - 118.3
Potassium	2960	3090	105	1.02	30	65.3 - 134.5
Selenium	127	141	111	8.07	30	79.2 - 120.3
Silver	41.0	41.6	101	1.52	30	66.3 - 133.7
Sodium	360	395	110	3.24	30	70.8 - 129.3
Thallium	266	270	102	2.18	30	77.8 - 121.6
Vanadium	86.1	93.5	109	3.57	30	76.8 - 123.6
Zinc	280	289	103	3.03	30	81.9 - 117.7

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3050B
Batch:	B045655	Laboratory ID:	B045655-BS2
Column:		Initial/Final:	1.0624 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Lead	0.706	0.762	108	80 - 120

con-test® ANALYTICAL LABORATORY
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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12A0882
Client: Ecology & Environment
Matrix: Soil
Instrument: ICP2

Analyte	MDL	MRL	Units	Method
Aluminum	1.3	2.5	mg/Kg	SW-846 6010C
Antimony	1.8	2.5	mg/Kg	SW-846 6010C
Arsenic	0.72	2.5	mg/Kg	SW-846 6010C
Barium	0.40	2.5	mg/Kg	SW-846 6010C
Beryllium	0.025	0.25	mg/Kg	SW-846 6010C
Cadmium	0.21	0.25	mg/Kg	SW-846 6010C
Calcium	3.7	7.5	mg/Kg	SW-846 6010C
Chromium	0.43	0.50	mg/Kg	SW-846 6010C
Cobalt	0.27	2.5	mg/Kg	SW-846 6010C
Copper	0.43	0.50	mg/Kg	SW-846 6010C
Iron	2.2	2.5	mg/Kg	SW-846 6010C
Lead	0.27	0.75	mg/Kg	SW-846 6010C
Magnesium	4.9	7.5	mg/Kg	SW-846 6010C
Manganese	0.30	0.50	mg/Kg	SW-846 6010C
Nickel	0.11	0.50	mg/Kg	SW-846 6010C
Potassium	22	100	mg/Kg	SW-846 6010C
Selenium	0.61	5.0	mg/Kg	SW-846 6010C
Silver	0.19	0.50	mg/Kg	SW-846 6010C
Sodium	43	100	mg/Kg	SW-846 6010C
Thallium	1.1	2.5	mg/Kg	SW-846 6010C
Vanadium	0.14	1.0	mg/Kg	SW-846 6010C
Zinc	0.61	1.0	mg/Kg	SW-846 6010C

con-test® ANALYTICAL LABORATORY
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PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Batch:	B045655 Batch Matrix: Soil	Preparation:	SW-846 3050B

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
FPC-SB01	12A0882-01	02/01/12 09:10	1.04	50.00
FPC-SB02	12A0882-02	02/01/12 09:10	1.02	50.00
FPC-SB02/D	12A0882-03	02/01/12 09:10	1.03	50.00
FPC-SB03	12A0882-04	02/01/12 09:10	1.03	50.00
Blank	B045655-BLK1	02/01/12 09:10	1.00	50.00
LCS	B045655-BS1	02/01/12 09:10	0.50	50.00
LCS	B045655-BS2	02/01/12 09:10	1.06	50.00
LCS Dup	B045655-BSD1	02/01/12 09:10	0.50	50.00
FPC-SB03	B045655-DUP1	02/01/12 09:10	1.02	50.00
FPC-SB03	B045655-MS1	02/01/12 09:10	1.03	50.00
FPC-SB03	B045655-MSD1	02/01/12 09:10	1.01	50.00

con-test® ANALYTICAL LABORATORY
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SAMPLE DATA

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001752-ICV1	QC		1		1201015	1201214		
S001752-ICB1	QC		2		1201085	1201214		
S001752-LCV1	QC		3		1112206	1201214		
S001752-LCV2	QC		4		1202018	1201214		
S001752-CCV1	QC		5		1201230	1201214		
S001752-CCV2	QC		6		1112208	1201214		
S001752-CCV3	QC		7		1202019	1201214		
S001752-IFA1	QC		8		1201013	1201214		
S001752-IFB1	QC		9		1201014	1201214		
B045655-BS1	QC		10					
B045655-BSD1	QC		11					
12A0882-04	Aluminum 6010 Total	A	12			1201214	Ecology & Environment	MS/MSD
12A0882-04	Antimony 6010 Total	A	13			1201214	Ecology & Environment	MS/MSD
12A0882-04	Arsenic 6010 Total	A	14			1201214	Ecology & Environment	MS/MSD
12A0882-04	Barium 6010 Total	A	15			1201214	Ecology & Environment	MS/MSD
12A0882-04	Beryllium 6010 Total	A	16			1201214	Ecology & Environment	MS/MSD
12A0882-04	Cadmium 6010 Total	A	17			1201214	Ecology & Environment	MS/MSD
12A0882-04	Calcium 6010 Total	A	18			1201214	Ecology & Environment	MS/MSD
12A0882-04	Chromium 6010 Total	A	19			1201214	Ecology & Environment	MS/MSD
12A0882-04	Cobalt 6010 Total	A	20			1201214	Ecology & Environment	MS/MSD
12A0882-04	Copper 6010 Total	A	21			1201214	Ecology & Environment	MS/MSD
12A0882-04	Iron 6010 Total	A	22			1201214	Ecology & Environment	MS/MSD
12A0882-04	Lead 6010 Total	A	23			1201214	Ecology & Environment	MS/MSD

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0882-04	Magnesium 6010 Total	A	24			1201214	Ecology & Environment	MS/MSD
12A0882-04	Manganese 6010 Total	A	25			1201214	Ecology & Environment	MS/MSD
12A0882-04	Nickel 6010 Total	A	26			1201214	Ecology & Environment	MS/MSD
12A0882-04	Potassium 6010 Total	A	27			1201214	Ecology & Environment	MS/MSD
12A0882-04	Selenium 6010 Total	A	28			1201214	Ecology & Environment	MS/MSD
12A0882-04	Silver 6010 Total	A	29			1201214	Ecology & Environment	MS/MSD
12A0882-04	Sodium 6010 Total	A	30			1201214	Ecology & Environment	MS/MSD
12A0882-04	Thallium 6010 Total	A	31			1201214	Ecology & Environment	MS/MSD
12A0882-04	Vanadium 6010 Total	A	32			1201214	Ecology & Environment	MS/MSD
12A0882-04	Zinc 6010 Total	A	33			1201214	Ecology & Environment	MS/MSD
B045655-DUP1	QC		34					
B045655-MS1	QC		35					
B045655-MSD1	QC		36					
B045655-BLK1	QC		37					
S001752-CCV4	QC		38		1201230	1201214		
S001752-CCV5	QC		39		1112208	1201214		
S001752-CCV6	QC		40		1202019	1201214		
S001752-CCB2	QC		41		1201085	1201214		
B045655-BS2	QC		42					
12A0882-01	Aluminum 6010 Total	A	43			1201214	Ecology & Environment	
12A0882-01	Antimony 6010 Total	A	44			1201214	Ecology & Environment	
12A0882-01	Arsenic 6010 Total	A	45			1201214	Ecology & Environment	
12A0882-01	Barium 6010 Total	A	46			1201214	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0882-01	Beryllium 6010 Total	A	47			1201214	Ecology & Environment	
12A0882-01	Cadmium 6010 Total	A	48			1201214	Ecology & Environment	
12A0882-01	Chromium 6010 Total	A	49			1201214	Ecology & Environment	
12A0882-01	Calcium 6010 Total	A	50			1201214	Ecology & Environment	
12A0882-01	Cobalt 6010 Total	A	51			1201214	Ecology & Environment	
12A0882-01	Copper 6010 Total	A	52			1201214	Ecology & Environment	
12A0882-01	Iron 6010 Total	A	53			1201214	Ecology & Environment	
12A0882-01	Lead 6010 Total	A	54			1201214	Ecology & Environment	
12A0882-01	Magnesium 6010 Total	A	55			1201214	Ecology & Environment	
12A0882-01	Manganese 6010 Total	A	56			1201214	Ecology & Environment	
12A0882-01	Nickel 6010 Total	A	57			1201214	Ecology & Environment	
12A0882-01	Potassium 6010 Total	A	58			1201214	Ecology & Environment	
12A0882-01	Selenium 6010 Total	A	59			1201214	Ecology & Environment	
12A0882-01	Silver 6010 Total	A	60			1201214	Ecology & Environment	
12A0882-01	Sodium 6010 Total	A	61			1201214	Ecology & Environment	
12A0882-01	Thallium 6010 Total	A	62			1201214	Ecology & Environment	
12A0882-01	Vanadium 6010 Total	A	63			1201214	Ecology & Environment	
12A0882-01	Zinc 6010 Total	A	64			1201214	Ecology & Environment	
12A0882-02	Aluminum 6010 Total	A	65			1201214	Ecology & Environment	
12A0882-02	Antimony 6010 Total	A	66			1201214	Ecology & Environment	
12A0882-02	Arsenic 6010 Total	A	67			1201214	Ecology & Environment	
12A0882-02	Barium 6010 Total	A	68			1201214	Ecology & Environment	
12A0882-02	Beryllium 6010 Total	A	69			1201214	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0882-02	Cadmium 6010 Total	A	70			1201214	Ecology & Environment	
12A0882-02	Calcium 6010 Total	A	71			1201214	Ecology & Environment	
12A0882-02	Chromium 6010 Total	A	72			1201214	Ecology & Environment	
12A0882-02	Cobalt 6010 Total	A	73			1201214	Ecology & Environment	
12A0882-02	Copper 6010 Total	A	74			1201214	Ecology & Environment	
12A0882-02	Iron 6010 Total	A	75			1201214	Ecology & Environment	
12A0882-02	Lead 6010 Total	A	76			1201214	Ecology & Environment	
12A0882-02	Magnesium 6010 Total	A	77			1201214	Ecology & Environment	
12A0882-02	Manganese 6010 Total	A	78			1201214	Ecology & Environment	
12A0882-02	Nickel 6010 Total	A	79			1201214	Ecology & Environment	
12A0882-02	Potassium 6010 Total	A	80			1201214	Ecology & Environment	
12A0882-02	Selenium 6010 Total	A	81			1201214	Ecology & Environment	
12A0882-02	Silver 6010 Total	A	82			1201214	Ecology & Environment	
12A0882-02	Sodium 6010 Total	A	83			1201214	Ecology & Environment	
12A0882-02	Thallium 6010 Total	A	84			1201214	Ecology & Environment	
12A0882-02	Vanadium 6010 Total	A	85			1201214	Ecology & Environment	
12A0882-02	Zinc 6010 Total	A	86			1201214	Ecology & Environment	
12A0882-03	Aluminum 6010 Total	A	87			1201214	Ecology & Environment	
12A0882-03	Antimony 6010 Total	A	88			1201214	Ecology & Environment	
12A0882-03	Arsenic 6010 Total	A	89			1201214	Ecology & Environment	
12A0882-03	Barium 6010 Total	A	90			1201214	Ecology & Environment	
12A0882-03	Beryllium 6010 Total	A	91			1201214	Ecology & Environment	
12A0882-03	Cadmium 6010 Total	A	92			1201214	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0882-03	Calcium 6010 Total	A	93			1201214	Ecology & Environment	
12A0882-03	Chromium 6010 Total	A	94			1201214	Ecology & Environment	
12A0882-03	Cobalt 6010 Total	A	95			1201214	Ecology & Environment	
12A0882-03	Copper 6010 Total	A	96			1201214	Ecology & Environment	
12A0882-03	Iron 6010 Total	A	97			1201214	Ecology & Environment	
12A0882-03	Lead 6010 Total	A	98			1201214	Ecology & Environment	
12A0882-03	Magnesium 6010 Total	A	99			1201214	Ecology & Environment	
12A0882-03	Manganese 6010 Total	A	100			1201214	Ecology & Environment	
12A0882-03	Nickel 6010 Total	A	101			1201214	Ecology & Environment	
12A0882-03	Potassium 6010 Total	A	102			1201214	Ecology & Environment	
12A0882-03	Selenium 6010 Total	A	103			1201214	Ecology & Environment	
12A0882-03	Silver 6010 Total	A	104			1201214	Ecology & Environment	
12A0882-03	Sodium 6010 Total	A	105			1201214	Ecology & Environment	
12A0882-03	Thallium 6010 Total	A	106			1201214	Ecology & Environment	
12A0882-03	Vanadium 6010 Total	A	107			1201214	Ecology & Environment	
12A0882-03	Zinc 6010 Total	A	108			1201214	Ecology & Environment	
S001752-CCV7	QC		109		1201230	1201214		
S001752-CCV8	QC		110		1112208	1201214		
S001752-CCV9	QC		111		1202019	1201214		
S001752-CCB3	QC		112		1201085	1201214		
S001752-IFA2	QC		113		1201013	1201214		
S001752-IFB2	QC		114		1201014	1201214		

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 02/01/12 09:10 | B045655 | **Printed: 2/6/2012 12:38:48PM**

Matrix: Soil

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3050B

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B045655-BLK1	Blank	1	50		|	
B045655-BS1	LCS	0.5005	50		500.5 |	
B045655-BS2	LCS	1.0624	50		250 |	
B045655-BSD1	LCS Dup	0.5023	50		502.3 |	
B045655-DUP1	Duplicate [12A0882-04]	1.0212	50		|	
B045655-MS1	Matrix Spike [12A0882-04]	1.0256	50		1000 |	
B045655-MSD1	Matrix Spike Dup [12A0882-04]	1.0064	50		1000 |	
12A0882-01	FPC-SB01	1.0415	50	02/06/12	Ecology & Environment	
12A0882-02	FPC-SB02	1.019	50	02/06/12	Ecology & Environment	
12A0882-03	FPC-SB02/D	1.0347	50	02/06/12	Ecology & Environment	
12A0882-04	FPC-SB03	1.0264	50	02/06/12	Ecology & Environment	MS/MSD

Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se
Ag																	

Standard(s):

1109111	SRM D072-540	500.5 uL 502.3 uL
1110211	QC Standard 26 metals	1000 uL
1112072	RLV Lead Spike	250 uL

Standard ID#	Description	Manufacture Lot#
1107202	Hydrochloric Acid 36.5-38%	K12046
1112049	Hydrogen Peroxide 30%	51147124
1112252	Nitric Acid 69-70%	RR1-307

Sr. 2 @ 94.6C 2/1/12 by SAJ/ AEW
Scale 2
w/b045369
Eppen# 4035696

BOTTLED WATER

Spike Witness Anne 2/1/12

SAJ 2/1/12
Prepared By Date

AMP 2/6/12
Preparation Reviewed By Date

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		2/6/2012	10:29:04 AM	5926476	1			
Calib Blank 1	Y		%		2/6/2012	10:27:51 AM	419750	1			
Calib Blank 1	Ag		mg/L		2/6/2012	10:29:06 AM	-27067	1			
Calib Blank 1	Al		mg/L		2/6/2012	10:27:51 AM	-286	4			
Calib Blank 1	As		mg/L		2/6/2012	10:29:27 AM	-18	17			
Calib Blank 1	Ba		mg/L		2/6/2012	10:29:27 AM	116	12			
Calib Blank 1	Be		mg/L		2/6/2012	10:28:11 AM	736	2			
Calib Blank 1	Ca		mg/L		2/6/2012	10:28:11 AM	1733	0			
Calib Blank 1	Cd		mg/L		2/6/2012	10:29:27 AM	244	2			
Calib Blank 1	Cr		mg/L		2/6/2012	10:29:06 AM	74	27			
Calib Blank 1	Co		mg/L		2/6/2012	10:29:27 AM	-472	2			
Calib Blank 1	Cu		mg/L		2/6/2012	10:29:06 AM	229	43			
Calib Blank 1	Na		mg/L		2/6/2012	10:27:51 AM	3101	3			
Calib Blank 1	Fe		mg/L		2/6/2012	10:28:11 AM	-53	10			
Calib Blank 1	K		mg/L		2/6/2012	10:27:51 AM	2727	2			
Calib Blank 1	Ni		mg/L		2/6/2012	10:29:27 AM	-293	2			
Calib Blank 1	Mg		mg/L		2/6/2012	10:28:11 AM	-106	3			
Calib Blank 1	Mn		mg/L		2/6/2012	10:28:11 AM	-25	29			
Calib Blank 1	Pb		mg/L		2/6/2012	10:29:27 AM	74	5			
Calib Blank 1	Sb		mg/L		2/6/2012	10:29:27 AM	290	2			
Calib Blank 1	Se		mg/L		2/6/2012	10:29:27 AM	5	121			
Calib Blank 1	Ti		mg/L		2/6/2012	10:27:51 AM	-1375	6			
Calib Blank 1	Tl		mg/L		2/6/2012	10:29:06 AM	-53	76			
Calib Blank 1	V		mg/L		2/6/2012	10:29:06 AM	2313	5			
Calib Blank 1	Zn		mg/L		2/6/2012	10:29:27 AM	28	22			
S1-17	Y		%		2/6/2012	10:32:19 AM	5779342	0			
S1-17	Y		%		2/6/2012	10:32:00 AM	410496	1			
S1-17	Al		mg/L		2/6/2012	10:32:00 AM	93798	0			
S1-17	As		mg/L		2/6/2012	10:32:21 AM	25478	2			
S1-17	Ba		mg/L		2/6/2012	10:32:19 AM	2237364	0			
S1-17	Be		mg/L		2/6/2012	10:31:57 AM	7707752	2			
S1-17	Cd		mg/L		2/6/2012	10:32:19 AM	1039895	0			
S1-17	Cr		mg/L		2/6/2012	10:32:19 AM	1080155	0			
S1-17	Co		mg/L		2/6/2012	10:32:19 AM	1370714	0			
S1-17	Cu		mg/L		2/6/2012	10:32:19 AM	2269000	0			
S1-17	Fe		mg/L		2/6/2012	10:32:00 AM	21891	1			
S1-17	Ni		mg/L		2/6/2012	10:32:19 AM	298600	0			
S1-17	Mn		mg/L		2/6/2012	10:32:00 AM	205142	1			
S1-17	Pb		mg/L		2/6/2012	10:32:21 AM	94360	2			
S1-17	Sb		mg/L		2/6/2012	10:32:21 AM	57535	4			
S1-17	Se		mg/L		2/6/2012	10:32:21 AM	20648	2			
S1-17	Tl		mg/L		2/6/2012	10:32:19 AM	122415	0			
S1-17	V		mg/L		2/6/2012	10:32:19 AM	3494339	0			
S1-17	Zn		mg/L		2/6/2012	10:32:19 AM	1125790	0			
S2	Y		%		2/6/2012	10:36:05 AM	5896747	0			
S2	Y		%		2/6/2012	10:35:50 AM	410923	1			
S2	Ag		mg/L		2/6/2012	10:36:05 AM	3698666	0			
S4-SALT	Y		%		2/6/2012	10:42:34 AM	5645353	0			
S4-SALT	Y		%		2/6/2012	10:42:17 AM	402262	0			
S4-SALT	Ca		mg/L		2/6/2012	10:42:17 AM	146083	0			
S4-SALT	Na		mg/L		2/6/2012	10:42:17 AM	172374	0			
S4-SALT	K		mg/L		2/6/2012	10:42:17 AM	113967	0			
S4-SALT	Mg		mg/L		2/6/2012	10:42:17 AM	71254	0			
SEQ-ICV	Y		%		2/6/2012	10:48:15 AM	5753702	1			
SEQ-ICV	Y		%		2/6/2012	10:47:01 AM	399941	0			
SEQ-ICV	Ag	1.0264	mg/L	103	2/6/2012	10:48:17 AM	379638	1	1.0321	1.0178	1.0294
SEQ-ICV	Al	1.0478	mg/L	105	2/6/2012	10:47:01 AM	9824	1	1.0387	1.0459	1.0590
SEQ-ICV	As	1.0262	mg/L	103	2/6/2012	10:48:38 AM	2593	1	1.0170	1.0327	1.0289
SEQ-ICV	Ba	1.0240	mg/L	102	2/6/2012	10:48:17 AM	229111	1	1.0315	1.0170	1.0235
SEQ-ICV	Be	1.0549	mg/L	105	2/6/2012	10:47:01 AM	813054	1	1.0423	1.0619	1.0604
SEQ-ICV	Ca	1.0567	mg/L	106	2/6/2012	10:47:21 AM	15437	0	1.0556	1.0595	1.0551
SEQ-ICV	Cd	1.0521	mg/L	105	2/6/2012	10:48:17 AM	109412	1	1.0621	1.0420	1.0523
SEQ-ICV	Cr	1.0188	mg/L	102	2/6/2012	10:48:17 AM	110046	1	1.0203	1.0123	1.0238
SEQ-ICV	Co	1.0167	mg/L	102	2/6/2012	10:48:17 AM	139360	1	1.0240	1.0092	1.0169
SEQ-ICV	Cu	0.9979	mg/L	100	2/6/2012	10:48:17 AM	226423	1	1.0085	0.9888	0.9964
SEQ-ICV	Na	1.0840	mg/L	108	2/6/2012	10:47:01 AM	18685	2	1.0682	1.1032	1.0806
SEQ-ICV	Fe	1.0891	mg/L	109	2/6/2012	10:47:21 AM	2384	1	1.0820	1.0959	1.0894
SEQ-ICV	K	10.0338	mg/L	100	2/6/2012	10:47:01 AM	22870	1	9.9520	10.1039	10.0453
SEQ-ICV	Ni	1.0193	mg/L	102	2/6/2012	10:48:17 AM	30435	1	1.0206	1.0113	1.0260
SEQ-ICV	Mg	1.0934	mg/L	109	2/6/2012	10:47:21 AM	7791	0	1.0887	1.0972	1.0944
SEQ-ICV	Mn	1.0881	mg/L	109	2/6/2012	10:47:21 AM	22321	0	1.0855	1.0917	1.0871
SEQ-ICV	Pb	0.9993	mg/L	100	2/6/2012	10:48:17 AM	9430	1	1.0026	0.9927	1.0027
SEQ-ICV	Sb	1.0051	mg/L	101	2/6/2012	10:48:38 AM	5932	3	0.9728	1.0138	1.0287

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-ICV	Se	1.0224	mg/L	102	2/6/2012	10:48:38 AM	2111	1	1.0098	1.0272	1.0302
SEQ-ICV	Ti	1.0310	mg/L	103	2/6/2012	10:47:01 AM	37598	1	1.0171	1.0344	1.0414
SEQ-ICV	Tl	0.9953	mg/L	100	2/6/2012	10:48:17 AM	12184	2	1.0163	0.9839	0.9856
SEQ-ICV	V	1.0358	mg/L	104	2/6/2012	10:48:17 AM	361947	1	1.0444	1.0274	1.0357
SEQ-ICV	Zn	1.0352	mg/L	104	2/6/2012	10:48:17 AM	116687	1	1.0431	1.0264	1.0361
SEQ-CCB	Y		%		2/6/2012	10:57:01 AM	5924221	1			
SEQ-CCB	Y		%		2/6/2012	10:55:47 AM	415462	1			
SEQ-CCB	Ag	0.0013	mg/L		2/6/2012	10:57:03 AM	492	105	0.0005	0.0029	0.0005
SEQ-CCB	Al	-0.0032	mg/L		2/6/2012	10:55:47 AM	-30	170	-0.0038	-0.0085	0.0025
SEQ-CCB	As	-0.0015	mg/L		2/6/2012	10:57:23 AM	-4	26	-0.0012	-0.0019	-0.0014
SEQ-CCB	Ba	-0.0001	mg/L		2/6/2012	10:57:23 AM	-17	22	-0.0001	-0.0001	-0.0001
SEQ-CCB	Be	-0.0001	mg/L		2/6/2012	10:56:07 AM	-60	38	0.0000	-0.0001	-0.0001
SEQ-CCB	Ca	0.0023	mg/L		2/6/2012	10:56:07 AM	33	26	0.0028	0.0024	0.0016
SEQ-CCB	Cd	0.0000	mg/L		2/6/2012	10:57:23 AM	-3	230	0.0000	0.0000	-0.0001
SEQ-CCB	Cr	-0.0002	mg/L		2/6/2012	10:57:03 AM	-20	50	-0.0002	-0.0001	-0.0003
SEQ-CCB	Co	-0.0001	mg/L		2/6/2012	10:57:23 AM	-20	38	-0.0001	-0.0001	-0.0002
SEQ-CCB	Cu	0.0001	mg/L		2/6/2012	10:57:03 AM	27	276	0.0001	0.0005	-0.0002
SEQ-CCB	Na	0.0020	mg/L		2/6/2012	10:55:47 AM	35	187	-0.0011	0.0009	0.0062
SEQ-CCB	Fe	0.0019	mg/L		2/6/2012	10:56:07 AM	4	34	0.0021	0.0023	0.0011
SEQ-CCB	K	0.0856	mg/L		2/6/2012	10:55:47 AM	195	30	0.0737	0.1151	0.0680
SEQ-CCB	Ni	-0.0005	mg/L		2/6/2012	10:57:23 AM	-14	81	-0.0001	-0.0004	-0.0009
SEQ-CCB	Mg	-0.0012	mg/L		2/6/2012	10:56:07 AM	-9	49	-0.0005	-0.0016	-0.0016
SEQ-CCB	Mn	0.0002	mg/L		2/6/2012	10:56:07 AM	3	85	0.0003	0.0000	0.0001
SEQ-CCB	Pb	0.0004	mg/L		2/6/2012	10:57:23 AM	4	207	0.0006	0.0010	-0.0005
SEQ-CCB	Sb	-0.0062	mg/L		2/6/2012	10:57:23 AM	-36	18	-0.0049	-0.0071	-0.0067
SEQ-CCB	Se	0.0002	mg/L		2/6/2012	10:57:23 AM	0	2836	-0.0047	0.0012	0.0039
SEQ-CCB	Ti	0.0010	mg/L		2/6/2012	10:55:47 AM	36	56	0.0016	0.0006	0.0008
SEQ-CCB	Tl	0.0014	mg/L		2/6/2012	10:57:03 AM	17	275	-0.0029	0.0042	0.0027
SEQ-CCB	V	-0.0001	mg/L		2/6/2012	10:57:03 AM	-42	235	-0.0003	-0.0003	0.0002
SEQ-CCB	Zn	0.0000	mg/L		2/6/2012	10:57:23 AM	5	212	0.0001	0.0000	0.0000
SEQ-LCV	Y		%		2/6/2012	11:01:54 AM	5894296	2			
SEQ-LCV	Y		%		2/6/2012	11:00:41 AM	423364	1			
SEQ-LCV	Ag	0.0051	mg/L	102	2/6/2012	11:01:57 AM	1888	15	0.0052	0.0058	0.0043
SEQ-LCV	Al	0.0535	mg/L	107	2/6/2012	11:00:41 AM	502	7	0.0490	0.0567	0.0547
SEQ-LCV	As	0.0095	mg/L	95	2/6/2012	11:02:17 AM	24	5	0.0090	0.0097	0.0098
SEQ-LCV	Ba	0.0524	mg/L	105	2/6/2012	11:01:57 AM	11726	2	0.0518	0.0520	0.0535
SEQ-LCV	Be	0.0039	mg/L	97	2/6/2012	11:00:41 AM	2993	2	0.0038	0.0039	0.0040
SEQ-LCV	Ca	0.1555	mg/L	104	2/6/2012	11:00:41 AM	2272	3	0.1557	0.1514	0.1596
SEQ-LCV	Cd	0.0044	mg/L	109	2/6/2012	11:02:17 AM	454	3	0.0043	0.0042	0.0045
SEQ-LCV	Cr	0.0100	mg/L	100	2/6/2012	11:01:57 AM	1083	2	0.0099	0.0100	0.0102
SEQ-LCV	Co	0.0508	mg/L	102	2/6/2012	11:01:57 AM	6961	1	0.0502	0.0509	0.0513
SEQ-LCV	Cu	0.0102	mg/L	102	2/6/2012	11:01:57 AM	2324	3	0.0103	0.0099	0.0106
SEQ-LCV	Na	0.0006	mg/L		2/6/2012	11:00:41 AM	11	1078	0.0063	0.0024	-0.0068
SEQ-LCV	Fe	0.0561	mg/L	112	2/6/2012	11:01:01 AM	123	2	0.0545	0.0566	0.0571
SEQ-LCV	K	0.0279	mg/L		2/6/2012	11:00:41 AM	64	152	0.0519	0.0530	-0.0210
SEQ-LCV	Ni	0.0100	mg/L	100	2/6/2012	11:02:17 AM	298	3	0.0100	0.0103	0.0097
SEQ-LCV	Mg	0.1544	mg/L	103	2/6/2012	11:01:01 AM	1100	1	0.1559	0.1536	0.1536
SEQ-LCV	Mn	0.0104	mg/L	104	2/6/2012	11:01:01 AM	214	1	0.0104	0.0105	0.0104
SEQ-LCV	Pb	0.0096	mg/L	96	2/6/2012	11:02:17 AM	91	4	0.0092	0.0097	0.0100
SEQ-LCV	Sb	0.0444	mg/L	89	2/6/2012	11:02:17 AM	257	6	0.0441	0.0420	0.0472
SEQ-LCV	Se	0.0522	mg/L	104	2/6/2012	11:02:17 AM	108	1	0.0527	0.0516	0.0524
SEQ-LCV	Ti	0.1039	mg/L	104	2/6/2012	11:00:41 AM	3789	2	0.1019	0.1049	0.1049
SEQ-LCV	Tl	0.0536	mg/L	107	2/6/2012	11:01:57 AM	656	2	0.0550	0.0530	0.0528
SEQ-LCV	V	0.0101	mg/L	101	2/6/2012	11:01:57 AM	3541	3	0.0098	0.0102	0.0104
SEQ-LCV	Zn	0.0199	mg/L	99	2/6/2012	11:02:17 AM	2241	2	0.0198	0.0196	0.0202
LowLvl Na & K	Y		%		2/6/2012	11:05:44 AM	5795247	1			
LowLvl Na & K	Y		%		2/6/2012	11:04:30 AM	412351	3			
LowLvl Na & K	Ag	0.0003	mg/L		2/6/2012	11:05:46 AM	128	504	0.0009	-0.0016	0.0017
LowLvl Na & K	Al	-0.0041	mg/L		2/6/2012	11:04:30 AM	-38	221	-0.0139	0.0038	-0.0021
LowLvl Na & K	As	-0.0002	mg/L		2/6/2012	11:06:07 AM	-1	419	0.0006	0.0000	-0.0013
LowLvl Na & K	Ba	0.0000	mg/L		2/6/2012	11:06:07 AM	-8	249	0.0001	-0.0001	-0.0001
LowLvl Na & K	Be	-0.0002	mg/L		2/6/2012	11:04:51 AM	-122	12	-0.0002	-0.0001	-0.0001
LowLvl Na & K	Ca	0.0000	mg/L		2/6/2012	11:04:51 AM	-1	8930	-0.0028	-0.0010	0.0036
LowLvl Na & K	Cd	0.0000	mg/L		2/6/2012	11:06:07 AM	1	1074	0.0000	0.0001	-0.0001
LowLvl Na & K	Cr	-0.0002	mg/L		2/6/2012	11:05:46 AM	-20	69	-0.0003	-0.0002	-0.0001
LowLvl Na & K	Co	-0.0002	mg/L		2/6/2012	11:06:07 AM	-32	41	-0.0001	-0.0003	-0.0003
LowLvl Na & K	Cu	0.0006	mg/L		2/6/2012	11:05:46 AM	134	55	0.0002	0.0008	0.0007
LowLvl Na & K	Na	2.0115	mg/L	101	2/6/2012	11:04:30 AM	34674	1	1.9849	2.0152	2.0345
LowLvl Na & K	Fe	0.0051	mg/L		2/6/2012	11:04:51 AM	11	39	0.0071	0.0052	0.0031
LowLvl Na & K	K	2.1339	mg/L	107	2/6/2012	11:04:30 AM	4864	3	2.0684	2.1323	2.2010
LowLvl Na & K	Ni	-0.0005	mg/L		2/6/2012	11:06:07 AM	-15	44	-0.0006	-0.0003	-0.0007
LowLvl Na & K	Mg	0.0010	mg/L		2/6/2012	11:04:51 AM	7	108	0.0020	-0.0002	0.0013
LowLvl Na & K	Mn	-0.0003	mg/L		2/6/2012	11:04:51 AM	-6	18	-0.0003	-0.0003	-0.0002

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
LowLvl Na & K	Pb	0.0002	mg/L		2/6/2012	11:06:07 AM	1	270	0.0003	0.0005	-0.0003
LowLvl Na & K	Sb	-0.0106	mg/L		2/6/2012	11:06:07 AM	-61	35	-0.0103	-0.0071	-0.0144
LowLvl Na & K	Se	-0.0016	mg/L		2/6/2012	11:06:07 AM	-3	169	0.0014	-0.0040	-0.0024
LowLvl Na & K	Ti	0.0010	mg/L		2/6/2012	11:04:30 AM	36	169	0.0029	0.0001	-0.0001
LowLvl Na & K	Tl	0.0002	mg/L		2/6/2012	11:05:46 AM	3	1595	-0.0007	0.0039	-0.0026
LowLvl Na & K	V	0.0001	mg/L		2/6/2012	11:05:46 AM	22	677	-0.0003	0.0005	0.0000
LowLvl Na & K	Zn	-0.0005	mg/L		2/6/2012	11:06:07 AM	-55	6	-0.0005	-0.0005	-0.0005
SEQ-CCV 17	Y		%		2/6/2012	11:12:37 AM	5844381	0			
SEQ-CCV 17	Y		%		2/6/2012	11:11:18 AM	411258	0			
SEQ-CCV 17	Ag	-0.0081	mg/L		2/6/2012	11:12:39 AM	-2989	6	-0.0085	-0.0082	-0.0075
SEQ-CCV 17	Al	5.1151	mg/L	102	2/6/2012	11:11:18 AM	47929	1	5.0777	5.1293	5.1383
SEQ-CCV 17	As	5.0756	mg/L	102	2/6/2012	11:12:39 AM	12828	0	5.0766	5.0695	5.0808
SEQ-CCV 17	Ba	5.1188	mg/L	102	2/6/2012	11:12:37 AM	1145259	0	5.1246	5.1223	5.1096
SEQ-CCV 17	Be	5.1542	mg/L	103	2/6/2012	11:11:18 AM	3972712	0	5.1345	5.1502	5.1779
SEQ-CCV 17	Ca	0.0122	mg/L		2/6/2012	11:11:39 AM	178	4	0.0123	0.0117	0.0125
SEQ-CCV 17	Cd	5.1489	mg/L	103	2/6/2012	11:12:37 AM	535434	0	5.1577	5.1497	5.1394
SEQ-CCV 17	Cr	5.0564	mg/L	101	2/6/2012	11:12:37 AM	546167	0	5.0422	5.0635	5.0634
SEQ-CCV 17	Co	5.0782	mg/L	102	2/6/2012	11:12:37 AM	696073	0	5.0823	5.0836	5.0687
SEQ-CCV 17	Cu	5.0274	mg/L	101	2/6/2012	11:12:37 AM	1140718	0	5.0191	5.0300	5.0331
SEQ-CCV 17	Na	0.0039	mg/L		2/6/2012	11:11:18 AM	68	119	0.0001	0.0092	0.0025
SEQ-CCV 17	Fe	5.0830	mg/L	102	2/6/2012	11:11:39 AM	11127	0	5.0792	5.1070	5.0628
SEQ-CCV 17	K	0.0448	mg/L		2/6/2012	11:11:18 AM	102	47	0.0207	0.0569	0.0568
SEQ-CCV 17	Ni	5.0128	mg/L	100	2/6/2012	11:12:39 AM	149683	1	4.9643	5.0222	5.0519
SEQ-CCV 17	Mg	-0.0062	mg/L		2/6/2012	11:11:39 AM	-44	20	-0.0076	-0.0052	-0.0057
SEQ-CCV 17	Mn	5.1036	mg/L	102	2/6/2012	11:11:18 AM	104696	0	5.0846	5.0983	5.1278
SEQ-CCV 17	Pb	4.9407	mg/L	99	2/6/2012	11:12:39 AM	46620	1	4.9003	4.9515	4.9704
SEQ-CCV 17	Sb	5.2989	mg/L	106	2/6/2012	11:12:39 AM	31228	2	5.1776	5.3027	5.4163
SEQ-CCV 17	Se	5.0008	mg/L	100	2/6/2012	11:13:00 AM	10325	1	5.0157	5.0165	4.9703
SEQ-CCV 17	Ti	0.0015	mg/L		2/6/2012	11:11:39 AM	55	41	0.0019	0.0008	0.0018
SEQ-CCV 17	Tl	5.0441	mg/L	101	2/6/2012	11:12:39 AM	61747	0	5.0348	5.0412	5.0561
SEQ-CCV 17	V	5.0525	mg/L	101	2/6/2012	11:12:37 AM	1765514	0	5.0530	5.0580	5.0465
SEQ-CCV 17	Zn	5.1015	mg/L	102	2/6/2012	11:12:37 AM	575047	0	5.1117	5.1091	5.0836
SEQ-CCV AG	Y		%		2/6/2012	11:18:21 AM	6006445	1			
SEQ-CCV AG	Y		%		2/6/2012	11:17:07 AM	414911	1			
SEQ-CCV AG	Ag	2.0448	mg/L	102	2/6/2012	11:18:21 AM	756317	0	2.0406	2.0423	2.0517
SEQ-CCV AG	Al	-0.0069	mg/L		2/6/2012	11:17:07 AM	-65	128	-0.0062	0.0016	-0.0161
SEQ-CCV AG	As	0.0021	mg/L		2/6/2012	11:18:44 AM	5	54	0.0028	0.0008	0.0026
SEQ-CCV AG	Ba	0.0011	mg/L		2/6/2012	11:18:44 AM	241	16	0.0013	0.0011	0.0009
SEQ-CCV AG	Be	0.0021	mg/L		2/6/2012	11:17:27 AM	1594	26	0.0027	0.0020	0.0016
SEQ-CCV AG	Ca	0.0107	mg/L		2/6/2012	11:17:27 AM	156	13	0.0116	0.0114	0.0091
SEQ-CCV AG	Cd	0.0012	mg/L		2/6/2012	11:18:44 AM	121	19	0.0014	0.0010	0.0010
SEQ-CCV AG	Cr	0.0011	mg/L		2/6/2012	11:18:24 AM	120	31	0.0014	0.0012	0.0007
SEQ-CCV AG	Co	0.0012	mg/L		2/6/2012	11:18:44 AM	159	24	0.0014	0.0012	0.0009
SEQ-CCV AG	Cu	0.0022	mg/L		2/6/2012	11:18:24 AM	507	6	0.0023	0.0023	0.0021
SEQ-CCV AG	Na	0.0096	mg/L		2/6/2012	11:17:07 AM	166	50	0.0068	0.0069	0.0152
SEQ-CCV AG	Fe	0.0050	mg/L		2/6/2012	11:17:27 AM	11	38	0.0072	0.0041	0.0037
SEQ-CCV AG	K	0.0506	mg/L		2/6/2012	11:17:07 AM	115	81	0.0957	0.0411	0.0150
SEQ-CCV AG	Ni	0.0012	mg/L		2/6/2012	11:18:44 AM	36	31	0.0016	0.0012	0.0009
SEQ-CCV AG	Mg	0.0011	mg/L		2/6/2012	11:17:27 AM	8	119	-0.0004	0.0022	0.0017
SEQ-CCV AG	Mn	0.0019	mg/L		2/6/2012	11:17:27 AM	38	23	0.0021	0.0021	0.0014
SEQ-CCV AG	Pb	0.0018	mg/L		2/6/2012	11:18:44 AM	17	13	0.0015	0.0020	0.0018
SEQ-CCV AG	Sb	0.0659	mg/L		2/6/2012	11:18:44 AM	379	17	0.0773	0.0647	0.0556
SEQ-CCV AG	Se	0.0011	mg/L		2/6/2012	11:18:44 AM	2	146	0.0010	-0.0005	0.0028
SEQ-CCV AG	Ti	0.0008	mg/L		2/6/2012	11:17:07 AM	29	199	-0.0010	0.0015	0.0020
SEQ-CCV AG	Tl	0.0004	mg/L		2/6/2012	11:18:24 AM	4	1023	0.0012	-0.0037	0.0035
SEQ-CCV AG	V	0.0009	mg/L		2/6/2012	11:18:24 AM	309	42	0.0013	0.0005	0.0008
SEQ-CCV AG	Zn	0.0013	mg/L		2/6/2012	11:18:44 AM	152	19	0.0016	0.0013	0.0011
SEQ-CCV SALT	Y		%		2/6/2012	11:35:54 AM	5744980	1			
SEQ-CCV SALT	Y		%		2/6/2012	11:34:40 AM	412224	0			
SEQ-CCV SALT	Ag	-0.0010	mg/L		2/6/2012	11:35:56 AM	-369	105	-0.0010	-0.0020	0.0001
SEQ-CCV SALT	Al	-0.0035	mg/L		2/6/2012	11:34:40 AM	-3	919	-0.0018	-0.0065	-0.0024
SEQ-CCV SALT	As	-0.0032	mg/L		2/6/2012	11:36:16 AM	-9	27	-0.0024	-0.0043	-0.0028
SEQ-CCV SALT	Ba	0.0003	mg/L		2/6/2012	11:36:16 AM	72	21	0.0003	0.0003	0.0004
SEQ-CCV SALT	Be	0.0000	mg/L		2/6/2012	11:35:00 AM	29	74	0.0000	0.0001	0.0001
SEQ-CCV SALT	Ca	5.1577	mg/L	103	2/6/2012	11:34:40 AM	75345	1	5.1056	5.1692	5.1982
SEQ-CCV SALT	Cd	0.0002	mg/L		2/6/2012	11:36:16 AM	21	45	0.0001	0.0003	0.0002
SEQ-CCV SALT	Cr	0.0000	mg/L		2/6/2012	11:36:16 AM	-1	511	0.0000	0.0000	0.0000
SEQ-CCV SALT	Co	-0.0001	mg/L		2/6/2012	11:36:16 AM	-9	168	0.0000	-0.0002	0.0000
SEQ-CCV SALT	Cu	0.0005	mg/L		2/6/2012	11:35:56 AM	123	67	0.0004	0.0003	0.0010
SEQ-CCV SALT	Na	5.1146	mg/L	102	2/6/2012	11:34:40 AM	88163	1	5.0806	5.1225	5.1407
SEQ-CCV SALT	Fe	0.0110	mg/L		2/6/2012	11:35:00 AM	24	24	0.0095	0.0141	0.0096
SEQ-CCV SALT	K	25.1801	mg/L	101	2/6/2012	11:34:40 AM	57394	1	24.9705	25.2345	25.3353
SEQ-CCV SALT	Ni	-0.0002	mg/L		2/6/2012	11:36:16 AM	-6	172	0.0001	-0.0005	-0.0001

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCV SALT	Mg	5.1274	mg/L	103	2/6/2012	11:34:40 AM	36535	1	5.0816	5.1469	5.1538
SEQ-CCV SALT	Mn	0.0001	mg/L		2/6/2012	11:35:00 AM	2	112	0.0000	0.0000	0.0002
SEQ-CCV SALT	Pb	0.0003	mg/L		2/6/2012	11:36:16 AM	3	117	0.0007	0.0003	-0.0001
SEQ-CCV SALT	Sb	-0.0105	mg/L		2/6/2012	11:36:16 AM	-60	15	-0.0101	-0.0123	-0.0091
SEQ-CCV SALT	Se	0.0010	mg/L		2/6/2012	11:36:16 AM	0	1792	-0.0029	0.0042	0.0016
SEQ-CCV SALT	Ti	0.0014	mg/L		2/6/2012	11:34:40 AM	51	61	0.0010	0.0024	0.0008
SEQ-CCV SALT	Tl	0.0061	mg/L		2/6/2012	11:35:56 AM	75	66	0.0031	0.0045	0.0107
SEQ-CCV SALT	V	-0.0019	mg/L		2/6/2012	11:35:56 AM	-658	13	-0.0022	-0.0017	-0.0018
SEQ-CCV SALT	Zn	0.0141	mg/L		2/6/2012	11:36:16 AM	1591	2	0.0145	0.0141	0.0138
SEQ-IFA	Y		%		2/6/2012	11:40:14 AM	5224724	0			
SEQ-IFA	Y		%		2/6/2012	11:39:00 AM	389208	1			
SEQ-IFA	Ag	0.0009	mg/L		2/6/2012	11:40:17 AM	338	212	-0.0012	0.0014	0.0026
SEQ-IFA	Al	272.5823	mg/L	109	2/6/2012	11:38:58 AM	2557298	1	272.3229	269.6774	275.7465
SEQ-IFA	As	-0.0073	mg/L		2/6/2012	11:40:37 AM	-81	3	-0.0067	-0.0069	-0.0083
SEQ-IFA	Ba	0.0180	mg/L		2/6/2012	11:40:37 AM	4027	1	0.0180	0.0181	0.0179
SEQ-IFA	Be	-0.0001	mg/L		2/6/2012	11:39:21 AM	-99	5	-0.0001	-0.0001	-0.0001
SEQ-IFA	Ca	264.0780	mg/L	106	2/6/2012	11:38:58 AM	3857724	1	264.4088	261.5511	266.2741
SEQ-IFA	Cd	0.0016	mg/L		2/6/2012	11:40:37 AM	168	3	0.0017	0.0016	0.0016
SEQ-IFA	Cr	-0.0017	mg/L		2/6/2012	11:40:37 AM	-183	3	-0.0017	-0.0017	-0.0017
SEQ-IFA	Co	-0.0015	mg/L		2/6/2012	11:40:37 AM	-207	5	-0.0015	-0.0016	-0.0014
SEQ-IFA	Cu	-0.0045	mg/L		2/6/2012	11:40:17 AM	-1022	20	-0.0054	-0.0036	-0.0045
SEQ-IFA	Na	0.0405	mg/L		2/6/2012	11:39:00 AM	698	5	0.0425	0.0403	0.0387
SEQ-IFA	Fe	105.3707	mg/L	105	2/6/2012	11:39:00 AM	230670	1	104.5519	105.3696	106.1907
SEQ-IFA	K	0.1781	mg/L		2/6/2012	11:39:00 AM	406	27	0.2336	0.1442	0.1564
SEQ-IFA	Ni	-0.0060	mg/L		2/6/2012	11:40:37 AM	-179	6	-0.0058	-0.0057	-0.0064
SEQ-IFA	Mg	245.4489	mg/L	98	2/6/2012	11:38:58 AM	1748925	1	245.9851	242.3895	247.9723
SEQ-IFA	Mn	0.0067	mg/L		2/6/2012	11:39:21 AM	138	2	0.0066	0.0066	0.0069
SEQ-IFA	Pb	-0.0167	mg/L		2/6/2012	11:40:37 AM	-158	2	-0.0164	-0.0172	-0.0166
SEQ-IFA	Sb	0.0234	mg/L		2/6/2012	11:40:37 AM	134	21	0.0272	0.0250	0.0179
SEQ-IFA	Se	0.0243	mg/L		2/6/2012	11:40:37 AM	-48	20	0.0293	0.0199	0.0238
SEQ-IFA	Ti	0.0061	mg/L		2/6/2012	11:39:21 AM	222	6	0.0063	0.0063	0.0057
SEQ-IFA	Tl	-0.0253	mg/L		2/6/2012	11:40:17 AM	-310	24	-0.0252	-0.0192	-0.0315
SEQ-IFA	V	0.0023	mg/L		2/6/2012	11:40:17 AM	798	6	0.0022	0.0022	0.0024
SEQ-IFA	Zn	0.0133	mg/L		2/6/2012	11:40:37 AM	1495	1	0.0134	0.0133	0.0131
SEQ-IFB	Y		%		2/6/2012	11:45:16 AM	5269487	1			
SEQ-IFB	Y		%		2/6/2012	11:44:20 AM	385514	1			
SEQ-IFB	Ag	1.1503	mg/L	115	2/6/2012	11:45:19 AM	425439	1	1.1606	1.1430	1.1472
SEQ-IFB	Al	273.9533	mg/L	110	2/6/2012	11:44:20 AM	2570170	0	272.8902	274.0829	274.8868
SEQ-IFB	As	-0.0081	mg/L		2/6/2012	11:45:39 AM	-94	3	-0.0080	-0.0095	-0.0069
SEQ-IFB	Ba	0.5623	mg/L	112	2/6/2012	11:45:19 AM	125818	1	0.5679	0.5586	0.5605
SEQ-IFB	Be	0.5787	mg/L	116	2/6/2012	11:44:20 AM	446024	0	0.5787	0.5772	0.5802
SEQ-IFB	Ca	264.0176	mg/L	106	2/6/2012	11:44:20 AM	3856842	1	262.6339	263.8728	265.5462
SEQ-IFB	Cd	1.1613	mg/L	116	2/6/2012	11:45:19 AM	120767	1	1.1722	1.1551	1.1567
SEQ-IFB	Cr	0.5384	mg/L	108	2/6/2012	11:45:19 AM	58153	1	0.5442	0.5319	0.5391
SEQ-IFB	Co	0.5153	mg/L	103	2/6/2012	11:45:19 AM	70630	1	0.5205	0.5121	0.5132
SEQ-IFB	Cu	0.5723	mg/L	114	2/6/2012	11:45:19 AM	129850	1	0.5791	0.5692	0.5685
SEQ-IFB	Na	0.0511	mg/L		2/6/2012	11:44:22 AM	880	7	0.0475	0.0514	0.0542
SEQ-IFB	Fe	104.1150	mg/L	104	2/6/2012	11:44:20 AM	227921	1	103.6763	103.9174	104.7513
SEQ-IFB	K	0.1220	mg/L		2/6/2012	11:44:22 AM	278	5	0.1155	0.1269	0.1234
SEQ-IFB	Ni	0.9933	mg/L	99	2/6/2012	11:45:19 AM	29661	1	1.0017	0.9861	0.9922
SEQ-IFB	Mg	244.5633	mg/L	98	2/6/2012	11:44:20 AM	1742615	0	243.6149	244.7444	245.3306
SEQ-IFB	Mn	0.5547	mg/L	111	2/6/2012	11:44:22 AM	11380	2	0.5412	0.5595	0.5636
SEQ-IFB	Pb	0.9702	mg/L	97	2/6/2012	11:45:39 AM	9155	1	0.9753	0.9655	0.9699
SEQ-IFB	Sb	0.0157	mg/L		2/6/2012	11:45:39 AM	169	8	0.0171	0.0132	0.0167
SEQ-IFB	Se	0.0215	mg/L		2/6/2012	11:45:39 AM	-53	13	0.0205	0.0253	0.0188
SEQ-IFB	Ti	0.0067	mg/L		2/6/2012	11:44:22 AM	243	14	0.0077	0.0065	0.0058
SEQ-IFB	Tl	-0.0211	mg/L		2/6/2012	11:45:19 AM	-258	24	-0.0260	-0.0213	-0.0159
SEQ-IFB	V	0.5551	mg/L	111	2/6/2012	11:45:19 AM	193983	1	0.5613	0.5510	0.5530
SEQ-IFB	Zn	1.0498	mg/L	105	2/6/2012	11:45:19 AM	118268	1	1.0593	1.0404	1.0498
B045369-BS1	Y		%		2/6/2012	11:55:55 AM	5566164	1			
B045369-BS1	Y		%		2/6/2012	11:55:01 AM	387269	1			
B045369-BS1	Ag	0.4101	mg/L		2/6/2012	11:55:58 AM	151666	1	0.4105	0.4123	0.4074
B045369-BS1	Al	79.0754	mg/L		2/6/2012	11:54:59 AM	740929	1	80.0899	78.0853	79.0509
B045369-BS1	As	1.1150	mg/L		2/6/2012	11:56:18 AM	2805	1	1.1207	1.1156	1.1087
B045369-BS1	Ba	2.0775	mg/L		2/6/2012	11:55:58 AM	464807	1	2.0788	2.0936	2.0601
B045369-BS1	Be	0.9584	mg/L		2/6/2012	11:55:01 AM	738710	0	0.9546	0.9607	0.9599
B045369-BS1	Ca	69.5346	mg/L		2/6/2012	11:54:59 AM	1015780	1	70.5049	68.6849	69.4139
B045369-BS1	Cd	0.8457	mg/L		2/6/2012	11:55:58 AM	87944	1	0.8463	0.8533	0.8375
B045369-BS1	Cr	1.1930	mg/L		2/6/2012	11:55:58 AM	128864	1	1.1956	1.2005	1.1830
B045369-BS1	Co	1.3009	mg/L		2/6/2012	11:55:58 AM	178315	1	1.3033	1.3120	1.2874
B045369-BS1	Cu	1.2010	mg/L		2/6/2012	11:55:58 AM	272498	1	1.1995	1.2143	1.1891
B045369-BS1	Na	3.8259	mg/L		2/6/2012	11:55:01 AM	65948	0	3.8177	3.8337	3.8262
B045369-BS1	Fe	121.7332	mg/L		2/6/2012	11:55:01 AM	266489	0	121.4538	122.0479	121.6979

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
B045369-BS1	K	31.2822	mg/L		2/6/2012	11:55:01 AM	71303	0	31.3080	31.3591	31.1794
B045369-BS1	Ni	0.7075	mg/L		2/6/2012	11:56:18 AM	21126	0	0.7104	0.7058	0.7063
B045369-BS1	Mg	27.9707	mg/L		2/6/2012	11:55:01 AM	199303	0	27.9219	28.0115	27.9785
B045369-BS1	Mn	3.7129	mg/L		2/6/2012	11:55:01 AM	76168	0	3.7073	3.7194	3.7120
B045369-BS1	Pb	0.7100	mg/L		2/6/2012	11:56:18 AM	6700	1	0.7141	0.7075	0.7084
B045369-BS1	Sb	0.9218	mg/L		2/6/2012	11:56:18 AM	5478	1	0.9306	0.9225	0.9123
B045369-BS1	Se	1.3022	mg/L		2/6/2012	11:56:18 AM	2655	1	1.3098	1.2995	1.2974
B045369-BS1	Ti	2.7795	mg/L		2/6/2012	11:55:01 AM	101364	0	2.7668	2.7835	2.7880
B045369-BS1	Tl	2.6488	mg/L		2/6/2012	11:55:58 AM	32425	1	2.6430	2.6775	2.6259
B045369-BS1	V	0.9033	mg/L		2/6/2012	11:55:58 AM	315643	1	0.9041	0.9101	0.8957
B045369-BS1	Zn	2.8051	mg/L		2/6/2012	11:55:58 AM	315969	1	2.8158	2.8256	2.7739
B045369-BSD1	Y		%		2/6/2012	12:00:48 PM	5476696	1			
B045369-BSD1	Y		%		2/6/2012	11:59:54 AM	382721	1			
B045369-BSD1	Ag	0.4178	mg/L		2/6/2012	12:00:51 PM	154540	1	0.4110	0.4212	0.4213
B045369-BSD1	Al	81.0109	mg/L		2/6/2012	11:59:52 AM	759099	1	80.6213	81.6839	80.7274
B045369-BSD1	As	1.1343	mg/L		2/6/2012	12:01:11 PM	2851	0	1.1363	1.1371	1.1295
B045369-BSD1	Ba	2.1385	mg/L		2/6/2012	12:00:51 PM	478460	1	2.1023	2.1588	2.1544
B045369-BSD1	Be	0.9903	mg/L		2/6/2012	11:59:54 AM	763307	1	0.9798	0.9967	0.9944
B045369-BSD1	Ca	75.0894	mg/L		2/6/2012	11:59:52 AM	1096926	1	74.6951	75.6534	74.9197
B045369-BSD1	Cd	0.9186	mg/L		2/6/2012	12:00:51 PM	95523	2	0.9009	0.9286	0.9262
B045369-BSD1	Cr	1.2521	mg/L		2/6/2012	12:00:51 PM	135251	2	1.2292	1.2632	1.2641
B045369-BSD1	Co	1.3551	mg/L		2/6/2012	12:00:51 PM	185741	2	1.3309	1.3691	1.3653
B045369-BSD1	Cu	1.2910	mg/L		2/6/2012	12:00:51 PM	292921	2	1.2653	1.3062	1.3015
B045369-BSD1	Na	3.9660	mg/L		2/6/2012	11:59:54 AM	68363	1	3.9305	3.9923	3.9751
B045369-BSD1	Fe	123.5116	mg/L		2/6/2012	11:59:54 AM	270383	1	122.1273	124.5693	123.8382
B045369-BSD1	K	31.0760	mg/L		2/6/2012	11:59:54 AM	70833	1	30.7307	31.3570	31.1402
B045369-BSD1	Ni	0.7503	mg/L		2/6/2012	12:01:11 PM	22403	1	0.7460	0.7518	0.7530
B045369-BSD1	Mg	28.2014	mg/L		2/6/2012	11:59:54 AM	200947	1	27.9211	28.3944	28.2889
B045369-BSD1	Mn	3.8328	mg/L		2/6/2012	11:59:54 AM	78628	1	3.7999	3.8578	3.8409
B045369-BSD1	Pb	0.7436	mg/L		2/6/2012	12:01:11 PM	7017	0	0.7418	0.7461	0.7430
B045369-BSD1	Sb	0.9400	mg/L		2/6/2012	12:01:11 PM	5592	0	0.9400	0.9412	0.9388
B045369-BSD1	Se	1.4168	mg/L		2/6/2012	12:01:11 PM	2891	0	1.4136	1.4171	1.4198
B045369-BSD1	Ti	2.8660	mg/L		2/6/2012	11:59:54 AM	104520	1	2.8370	2.8821	2.8789
B045369-BSD1	Tl	2.7171	mg/L		2/6/2012	12:00:51 PM	33261	2	2.6528	2.7562	2.7422
B045369-BSD1	V	0.9395	mg/L		2/6/2012	12:00:51 PM	328284	2	0.9222	0.9492	0.9470
B045369-BSD1	Zn	2.9018	mg/L		2/6/2012	12:00:51 PM	326858	2	2.8515	2.9287	2.9250
12A0882-04	Y		%		2/6/2012	12:15:29 PM	5546118	2			
12A0882-04	Y		%		2/6/2012	12:14:33 PM	393480	0			
12A0882-04	Ag	-0.0030	mg/L		2/6/2012	12:15:32 PM	-1114	13	-0.0030	-0.0034	-0.0027
12A0882-04	Al	146.8363	mg/L		2/6/2012	12:14:33 PM	1376136	0	146.3000	146.7078	147.5012
12A0882-04	As	0.0025	mg/L		2/6/2012	12:15:52 PM	8	12	0.0021	0.0026	0.0028
12A0882-04	Ba	0.2367	mg/L		2/6/2012	12:15:32 PM	52953	1	0.2350	0.2378	0.2373
12A0882-04	Be	-0.0009	mg/L		2/6/2012	12:14:35 PM	-711	8	-0.0010	-0.0008	-0.0010
12A0882-04	Ca	8.4871	mg/L		2/6/2012	12:14:33 PM	123983	0	8.4536	8.4863	8.5215
12A0882-04	Cd	0.0012	mg/L		2/6/2012	12:15:52 PM	129	1	0.0012	0.0012	0.0013
12A0882-04	Cr	0.1136	mg/L		2/6/2012	12:15:52 PM	12272	1	0.1140	0.1144	0.1125
12A0882-04	Co	0.0182	mg/L		2/6/2012	12:15:52 PM	2491	1	0.0182	0.0183	0.0180
12A0882-04	Cu	0.0397	mg/L		2/6/2012	12:15:32 PM	8999	1	0.0393	0.0398	0.0399
12A0882-04	Na	0.7856	mg/L		2/6/2012	12:14:33 PM	13541	0	0.7854	0.7822	0.7891
12A0882-04	Fe	122.7637	mg/L		2/6/2012	12:14:33 PM	268745	0	122.2853	122.5630	123.4428
12A0882-04	K	5.2792	mg/L		2/6/2012	12:14:33 PM	12033	0	5.2746	5.2798	5.2834
12A0882-04	Ni	0.0451	mg/L		2/6/2012	12:15:52 PM	1348	0	0.0451	0.0451	0.0452
12A0882-04	Mg	7.5261	mg/L		2/6/2012	12:14:35 PM	53626	1	7.4672	7.5390	7.5720
12A0882-04	Mn	0.3277	mg/L		2/6/2012	12:14:35 PM	6722	0	0.3266	0.3271	0.3294
12A0882-04	Pb	0.1373	mg/L		2/6/2012	12:15:52 PM	1295	2	0.1374	0.1395	0.1349
12A0882-04	Sb	0.0158	mg/L		2/6/2012	12:15:52 PM	108	5	0.0168	0.0157	0.0150
12A0882-04	Se	-0.0323	mg/L		2/6/2012	12:15:52 PM	-94	11	-0.0299	-0.0289	-0.0382
12A0882-04	Ti	3.1563	mg/L		2/6/2012	12:14:33 PM	115108	1	3.1218	3.1761	3.1711
12A0882-04	Tl	-0.0186	mg/L		2/6/2012	12:15:32 PM	-228	31	-0.0123	-0.0236	-0.0199
12A0882-04	V	0.2108	mg/L		2/6/2012	12:15:32 PM	73664	1	0.2093	0.2112	0.2119
12A0882-04	Zn	0.2375	mg/L		2/6/2012	12:15:52 PM	26752	1	0.2384	0.2394	0.2346
B045369-DUP1	Y		%		2/6/2012	12:20:55 PM	5526884	1			
B045369-DUP1	Y		%		2/6/2012	12:19:59 PM	391295	1			
B045369-DUP1	Ag	-0.0029	mg/L		2/6/2012	12:20:57 PM	-1075	31	-0.0027	-0.0039	-0.0021
B045369-DUP1	Al	131.9868	mg/L		2/6/2012	12:19:59 PM	1236911	0	131.6333	132.2113	132.1158
B045369-DUP1	As	0.0006	mg/L		2/6/2012	12:21:18 PM	3	32	0.0010	0.0004	0.0003
B045369-DUP1	Ba	0.2090	mg/L		2/6/2012	12:20:57 PM	46764	0	0.2080	0.2093	0.2098
B045369-DUP1	Be	-0.0005	mg/L		2/6/2012	12:20:02 PM	-401	9	-0.0006	-0.0005	-0.0005
B045369-DUP1	Ca	8.7055	mg/L		2/6/2012	12:19:59 PM	127172	0	8.6792	8.7179	8.7193
B045369-DUP1	Cd	0.0012	mg/L		2/6/2012	12:21:18 PM	126	2	0.0012	0.0012	0.0012
B045369-DUP1	Cr	0.1001	mg/L		2/6/2012	12:20:57 PM	10807	1	0.0993	0.1005	0.1003
B045369-DUP1	Co	0.0165	mg/L		2/6/2012	12:21:18 PM	2257	1	0.0165	0.0164	0.0166
B045369-DUP1	Cu	0.0366	mg/L		2/6/2012	12:20:57 PM	8296	0	0.0365	0.0366	0.0366

OPTIMA 2
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Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
B045369-DUP1	Na	0.6848	mg/L		2/6/2012	12:19:59 PM	11805	1	0.6864	0.6920	0.6760
B045369-DUP1	Fe	116.8101	mg/L		2/6/2012	12:19:59 PM	255712	0	116.3944	117.2034	116.8327
B045369-DUP1	K	4.4153	mg/L		2/6/2012	12:19:59 PM	10064	1	4.4107	4.4443	4.3910
B045369-DUP1	Ni	0.0404	mg/L		2/6/2012	12:21:18 PM	1206	2	0.0400	0.0398	0.0413
B045369-DUP1	Mg	7.4407	mg/L		2/6/2012	12:20:02 PM	53018	1	7.3886	7.5305	7.4029
B045369-DUP1	Mn	0.3292	mg/L		2/6/2012	12:20:02 PM	6753	1	0.3267	0.3327	0.3282
B045369-DUP1	Pb	0.1127	mg/L		2/6/2012	12:21:18 PM	1063	1	0.1115	0.1131	0.1135
B045369-DUP1	Sb	0.0158	mg/L		2/6/2012	12:21:18 PM	105	17	0.0193	0.0148	0.0132
B045369-DUP1	Se	-0.0224	mg/L		2/6/2012	12:21:18 PM	-73	14	-0.0211	-0.0181	-0.0281
B045369-DUP1	Ti	2.6923	mg/L		2/6/2012	12:19:59 PM	98186	0	2.6843	2.7027	2.6900
B045369-DUP1	Tl	-0.0175	mg/L		2/6/2012	12:20:57 PM	-214	22	-0.0210	-0.0135	-0.0180
B045369-DUP1	V	0.1915	mg/L		2/6/2012	12:20:57 PM	66901	1	0.1902	0.1922	0.1919
B045369-DUP1	Zn	0.2155	mg/L		2/6/2012	12:20:57 PM	24275	0	0.2154	0.2158	0.2152
B045369-MS1	Y		%		2/6/2012	12:25:46 PM	5557526	1			
B045369-MS1	Y		%		2/6/2012	12:24:52 PM	392639	1			
B045369-MS1	Ag	1.9597	mg/L		2/6/2012	12:25:48 PM	724819	1	1.9571	1.9748	1.9472
B045369-MS1	Al	171.4747	mg/L		2/6/2012	12:24:49 PM	1607207	1	171.6727	172.8918	169.8594
B045369-MS1	As	1.9757	mg/L		2/6/2012	12:26:09 PM	4994	1	1.9686	1.9947	1.9638
B045369-MS1	Ba	2.2576	mg/L		2/6/2012	12:25:48 PM	505110	1	2.2527	2.2816	2.2385
B045369-MS1	Be	2.1634	mg/L		2/6/2012	12:24:49 PM	1667505	1	2.1716	2.1890	2.1296
B045369-MS1	Ca	11.0188	mg/L		2/6/2012	12:24:52 PM	160966	1	10.9599	11.0053	11.0912
B045369-MS1	Cd	2.0061	mg/L		2/6/2012	12:25:48 PM	208610	1	2.0041	2.0263	1.9877
B045369-MS1	Cr	2.1172	mg/L		2/6/2012	12:25:48 PM	228692	1	2.1155	2.1322	2.1039
B045369-MS1	Co	1.9750	mg/L		2/6/2012	12:25:48 PM	270716	1	1.9727	1.9961	1.9562
B045369-MS1	Cu	2.0922	mg/L		2/6/2012	12:25:48 PM	474722	1	2.0949	2.1115	2.0701
B045369-MS1	Na	2.8539	mg/L		2/6/2012	12:24:52 PM	49194	1	2.8330	2.8675	2.8612
B045369-MS1	Fe	127.3861	mg/L		2/6/2012	12:24:52 PM	278864	0	126.7476	127.4375	127.9732
B045369-MS1	K	26.0461	mg/L		2/6/2012	12:24:52 PM	59368	1	25.9011	26.0683	26.1689
B045369-MS1	Ni	1.9465	mg/L		2/6/2012	12:25:48 PM	58123	1	1.9435	1.9611	1.9349
B045369-MS1	Mg	10.9007	mg/L		2/6/2012	12:24:52 PM	77672	0	10.8524	10.9137	10.9359
B045369-MS1	Mn	2.3988	mg/L		2/6/2012	12:24:52 PM	49210	0	2.3886	2.3996	2.4082
B045369-MS1	Pb	1.9571	mg/L		2/6/2012	12:26:09 PM	18467	1	1.9491	1.9753	1.9469
B045369-MS1	Sb	1.2271	mg/L		2/6/2012	12:26:09 PM	7370	1	1.2255	1.2411	1.2148
B045369-MS1	Se	1.9102	mg/L		2/6/2012	12:26:09 PM	3915	1	1.9052	1.9288	1.8967
B045369-MS1	Ti	5.1942	mg/L		2/6/2012	12:24:52 PM	189427	0	5.1746	5.1900	5.2180
B045369-MS1	Tl	1.8979	mg/L		2/6/2012	12:25:48 PM	23233	1	1.8900	1.9232	1.8805
B045369-MS1	V	2.2952	mg/L		2/6/2012	12:25:48 PM	802013	1	2.2940	2.3179	2.2736
B045369-MS1	Zn	2.2325	mg/L		2/6/2012	12:25:48 PM	251634	1	2.2275	2.2530	2.2169
B045369-MSD1	Y		%		2/6/2012	12:30:39 PM	5559943	2			
B045369-MSD1	Y		%		2/6/2012	12:29:45 PM	393345	2			
B045369-MSD1	Ag	1.9186	mg/L		2/6/2012	12:30:42 PM	709641	1	1.9359	1.9213	1.8988
B045369-MSD1	Al	162.8370	mg/L		2/6/2012	12:29:43 PM	1526197	3	163.1520	158.3534	167.0055
B045369-MSD1	As	1.9620	mg/L		2/6/2012	12:31:02 PM	4960	1	1.9755	1.9700	1.9405
B045369-MSD1	Ba	2.1926	mg/L		2/6/2012	12:30:42 PM	490567	1	2.2149	2.2009	2.1620
B045369-MSD1	Be	2.0852	mg/L		2/6/2012	12:29:43 PM	1607216	3	2.0875	2.0319	2.1362
B045369-MSD1	Ca	10.6588	mg/L		2/6/2012	12:29:45 PM	155707	1	10.6791	10.5679	10.7294
B045369-MSD1	Cd	1.9860	mg/L		2/6/2012	12:30:42 PM	206523	1	2.0087	1.9954	1.9539
B045369-MSD1	Cr	2.0727	mg/L		2/6/2012	12:30:42 PM	223880	1	2.0948	2.0765	2.0468
B045369-MSD1	Co	1.9511	mg/L		2/6/2012	12:30:42 PM	267443	2	1.9750	1.9615	1.9168
B045369-MSD1	Cu	2.0439	mg/L		2/6/2012	12:30:42 PM	463755	1	2.0616	2.0485	2.0215
B045369-MSD1	Na	2.8239	mg/L		2/6/2012	12:29:45 PM	48677	1	2.8343	2.8037	2.8338
B045369-MSD1	Fe	126.2973	mg/L		2/6/2012	12:29:45 PM	276481	1	126.6093	125.2643	127.0185
B045369-MSD1	K	25.7006	mg/L		2/6/2012	12:29:45 PM	58580	1	25.7665	25.4712	25.8642
B045369-MSD1	Ni	1.9112	mg/L		2/6/2012	12:30:42 PM	57069	2	1.9373	1.9161	1.8803
B045369-MSD1	Mg	10.7539	mg/L		2/6/2012	12:29:45 PM	76626	1	10.7831	10.6772	10.8014
B045369-MSD1	Mn	2.3841	mg/L		2/6/2012	12:29:45 PM	48909	1	2.3930	2.3647	2.3948
B045369-MSD1	Pb	1.9284	mg/L		2/6/2012	12:31:02 PM	18196	1	1.9408	1.9325	1.9118
B045369-MSD1	Sb	1.2203	mg/L		2/6/2012	12:31:02 PM	7325	1	1.2279	1.2267	1.2063
B045369-MSD1	Se	1.9035	mg/L		2/6/2012	12:31:02 PM	3901	1	1.9213	1.9059	1.8832
B045369-MSD1	Ti	5.0304	mg/L		2/6/2012	12:29:45 PM	183455	0	5.0325	5.0116	5.0473
B045369-MSD1	Tl	1.8785	mg/L		2/6/2012	12:30:42 PM	22995	1	1.8970	1.8843	1.8541
B045369-MSD1	V	2.2563	mg/L		2/6/2012	12:30:42 PM	788432	1	2.2804	2.2645	2.2240
B045369-MSD1	Zn	2.2020	mg/L		2/6/2012	12:30:42 PM	248201	2	2.2322	2.2149	2.1590
B045369-BLK1	Y		%		2/6/2012	12:46:15 PM	5810912	0			
B045369-BLK1	Y		%		2/6/2012	12:45:01 PM	420456	2			
B045369-BLK1	Ag	-0.0030	mg/L		2/6/2012	12:46:17 PM	-1095	21	-0.0035	-0.0031	-0.0023
B045369-BLK1	Al	0.0258	mg/L		2/6/2012	12:45:01 PM	242	23	0.0319	0.0200	0.0255
B045369-BLK1	As	-0.0011	mg/L		2/6/2012	12:46:38 PM	-3	36	-0.0007	-0.0014	-0.0013
B045369-BLK1	Ba	0.0002	mg/L		2/6/2012	12:46:38 PM	36	60	0.0003	0.0001	0.0001
B045369-BLK1	Be	0.0004	mg/L		2/6/2012	12:45:21 PM	273	10	0.0004	0.0003	0.0004
B045369-BLK1	Ca	0.0657	mg/L		2/6/2012	12:45:21 PM	960	10	0.0720	0.0664	0.0587
B045369-BLK1	Cd	0.0003	mg/L		2/6/2012	12:46:38 PM	30	30	0.0004	0.0002	0.0002
B045369-BLK1	Cr	0.0002	mg/L		2/6/2012	12:46:17 PM	17	171	0.0002	0.0004	-0.0001

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Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
B045369-BLK1	Co	-0.0001	mg/L		2/6/2012	12:46:38 PM	-10	170	-0.0002	0.0001	-0.0001
B045369-BLK1	Cu	0.0014	mg/L		2/6/2012	12:46:17 PM	319	13	0.0013	0.0014	0.0016
B045369-BLK1	Na	0.0208	mg/L		2/6/2012	12:45:01 PM	359	65	0.0363	0.0123	0.0138
B045369-BLK1	Fe	0.0365	mg/L		2/6/2012	12:45:21 PM	80	6	0.0377	0.0341	0.0378
B045369-BLK1	K	0.0972	mg/L		2/6/2012	12:45:01 PM	221	31	0.0917	0.1293	0.0704
B045369-BLK1	Ni	0.0001	mg/L		2/6/2012	12:46:38 PM	3	210	-0.0002	0.0002	0.0003
B045369-BLK1	Mg	0.0058	mg/L		2/6/2012	12:45:21 PM	42	1	0.0059	0.0058	0.0058
B045369-BLK1	Mn	0.0008	mg/L		2/6/2012	12:45:21 PM	17	14	0.0010	0.0007	0.0008
B045369-BLK1	Pb	0.0013	mg/L		2/6/2012	12:46:38 PM	12	31	0.0014	0.0015	0.0008
B045369-BLK1	Sb	-0.0133	mg/L		2/6/2012	12:46:38 PM	-77	10	-0.0144	-0.0118	-0.0138
B045369-BLK1	Se	0.0015	mg/L		2/6/2012	12:46:38 PM	3	121	0.0015	-0.0003	0.0033
B045369-BLK1	Ti	0.0025	mg/L		2/6/2012	12:45:01 PM	91	46	0.0036	0.0013	0.0026
B045369-BLK1	Tl	0.0039	mg/L		2/6/2012	12:46:17 PM	48	115	0.0083	-0.0007	0.0041
B045369-BLK1	V	0.0000	mg/L		2/6/2012	12:46:17 PM	-13	801	-0.0002	-0.0003	0.0003
B045369-BLK1	Zn	0.0167	mg/L		2/6/2012	12:46:38 PM	1883	3	0.0173	0.0168	0.0161
SEQ-CCV 17	Y		%		2/6/2012	12:50:50 PM	5831961	1			
SEQ-CCV 17	Y		%		2/6/2012	12:49:31 PM	427578	0			
SEQ-CCV 17	Ag	-0.0083	mg/L		2/6/2012	12:50:52 PM	-3078	8	-0.0083	-0.0090	-0.0077
SEQ-CCV 17	Al	5.1067	mg/L	102	2/6/2012	12:49:31 PM	47850	1	5.0478	5.1271	5.1451
SEQ-CCV 17	As	4.9186	mg/L	98	2/6/2012	12:50:52 PM	12430	1	4.8923	4.9758	4.8877
SEQ-CCV 17	Ba	5.0845	mg/L	102	2/6/2012	12:50:50 PM	1137578	0	5.0890	5.1005	5.0639
SEQ-CCV 17	Be	5.1512	mg/L	103	2/6/2012	12:49:31 PM	3970413	1	5.0945	5.1452	5.2139
SEQ-CCV 17	Ca	0.0086	mg/L		2/6/2012	12:49:51 PM	125	11	0.0080	0.0096	0.0081
SEQ-CCV 17	Cd	5.1379	mg/L	103	2/6/2012	12:50:50 PM	534287	0	5.1448	5.1551	5.1138
SEQ-CCV 17	Cr	4.9450	mg/L	99	2/6/2012	12:50:50 PM	534139	0	4.9441	4.9519	4.9391
SEQ-CCV 17	Co	5.0349	mg/L	101	2/6/2012	12:50:50 PM	690138	0	5.0334	5.0557	5.0156
SEQ-CCV 17	Cu	4.9966	mg/L	100	2/6/2012	12:50:50 PM	1133718	0	5.0084	4.9965	4.9847
SEQ-CCV 17	Na	-0.0088	mg/L		2/6/2012	12:49:31 PM	-151	107	0.0016	-0.0168	-0.0111
SEQ-CCV 17	Fe	5.0208	mg/L	100	2/6/2012	12:49:51 PM	10991	1	4.9884	5.0431	5.0309
SEQ-CCV 17	K	0.0122	mg/L		2/6/2012	12:49:31 PM	28	140	-0.0075	0.0211	0.0230
SEQ-CCV 17	Ni	4.8310	mg/L	97	2/6/2012	12:50:52 PM	144254	1	4.8100	4.8661	4.8169
SEQ-CCV 17	Mg	-0.0065	mg/L		2/6/2012	12:49:51 PM	-46	9	-0.0071	-0.0059	-0.0064
SEQ-CCV 17	Mn	5.0183	mg/L	100	2/6/2012	12:49:31 PM	102947	1	4.9722	5.0231	5.0598
SEQ-CCV 17	Pb	4.7277	mg/L	95	2/6/2012	12:50:52 PM	44611	1	4.7244	4.7627	4.6960
SEQ-CCV 17	Sb	5.1520	mg/L	103	2/6/2012	12:50:52 PM	30366	2	5.0246	5.2174	5.2141
SEQ-CCV 17	Se	4.8914	mg/L	98	2/6/2012	12:51:12 PM	10099	1	4.8748	4.9340	4.8655
SEQ-CCV 17	Ti	0.0031	mg/L		2/6/2012	12:49:51 PM	113	23	0.0027	0.0039	0.0027
SEQ-CCV 17	Tl	5.0163	mg/L	100	2/6/2012	12:50:52 PM	61408	1	5.0113	5.0579	4.9797
SEQ-CCV 17	V	5.0066	mg/L	100	2/6/2012	12:50:50 PM	1749491	0	5.0134	5.0166	4.9900
SEQ-CCV 17	Zn	5.0166	mg/L	100	2/6/2012	12:50:50 PM	565473	1	5.0187	5.0472	4.9838
SEQ-CCV AG	Y		%		2/6/2012	12:56:35 PM	5899675	0			
SEQ-CCV AG	Y		%		2/6/2012	12:55:21 PM	431874	0			
SEQ-CCV AG	Ag	2.0564	mg/L	103	2/6/2012	12:56:35 PM	760592	0	2.0514	2.0561	2.0616
SEQ-CCV AG	Al	-0.0050	mg/L		2/6/2012	12:55:21 PM	-47	137	-0.0097	0.0029	-0.0082
SEQ-CCV AG	As	0.0019	mg/L		2/6/2012	12:56:58 PM	5	10	0.0020	0.0019	0.0017
SEQ-CCV AG	Ba	0.0015	mg/L		2/6/2012	12:56:58 PM	346	21	0.0019	0.0016	0.0012
SEQ-CCV AG	Be	0.0030	mg/L		2/6/2012	12:55:21 PM	2306	16	0.0035	0.0029	0.0026
SEQ-CCV AG	Ca	0.0033	mg/L		2/6/2012	12:55:41 PM	48	32	0.0033	0.0022	0.0043
SEQ-CCV AG	Cd	0.0017	mg/L		2/6/2012	12:56:58 PM	176	17	0.0019	0.0018	0.0014
SEQ-CCV AG	Cr	0.0015	mg/L		2/6/2012	12:56:37 PM	159	30	0.0019	0.0014	0.0011
SEQ-CCV AG	Co	0.0016	mg/L		2/6/2012	12:56:58 PM	216	24	0.0019	0.0016	0.0012
SEQ-CCV AG	Cu	0.0023	mg/L		2/6/2012	12:56:37 PM	511	23	0.0027	0.0017	0.0024
SEQ-CCV AG	Na	0.0047	mg/L		2/6/2012	12:55:21 PM	81	119	0.0074	0.0084	-0.0017
SEQ-CCV AG	Fe	0.0089	mg/L		2/6/2012	12:55:41 PM	20	25	0.0115	0.0078	0.0075
SEQ-CCV AG	K	0.0141	mg/L		2/6/2012	12:55:21 PM	32	134	-0.0071	0.0200	0.0294
SEQ-CCV AG	Ni	0.0015	mg/L		2/6/2012	12:56:58 PM	45	31	0.0020	0.0013	0.0012
SEQ-CCV AG	Mg	0.0007	mg/L		2/6/2012	12:55:41 PM	5	75	0.0006	0.0012	0.0002
SEQ-CCV AG	Mn	0.0027	mg/L		2/6/2012	12:55:41 PM	56	17	0.0033	0.0024	0.0025
SEQ-CCV AG	Pb	0.0013	mg/L		2/6/2012	12:56:58 PM	12	45	0.0019	0.0012	0.0008
SEQ-CCV AG	Sb	0.0651	mg/L		2/6/2012	12:56:58 PM	375	19	0.0777	0.0643	0.0534
SEQ-CCV AG	Se	0.0042	mg/L		2/6/2012	12:56:58 PM	9	126	0.0094	0.0044	-0.0012
SEQ-CCV AG	Ti	0.0033	mg/L		2/6/2012	12:55:21 PM	119	42	0.0024	0.0026	0.0048
SEQ-CCV AG	Tl	0.0040	mg/L		2/6/2012	12:56:37 PM	48	102	-0.0007	0.0061	0.0064
SEQ-CCV AG	V	0.0013	mg/L		2/6/2012	12:56:37 PM	445	40	0.0018	0.0013	0.0007
SEQ-CCV AG	Zn	0.0016	mg/L		2/6/2012	12:56:58 PM	180	17	0.0019	0.0016	0.0013
SEQ-CCV SALT	Y		%		2/6/2012	1:02:19 PM	5792112	1			
SEQ-CCV SALT	Y		%		2/6/2012	1:01:05 PM	424541	1			
SEQ-CCV SALT	Ag	-0.0009	mg/L		2/6/2012	1:02:21 PM	-329	65	-0.0006	-0.0016	-0.0006
SEQ-CCV SALT	Al	-0.0103	mg/L		2/6/2012	1:01:05 PM	-67	155	-0.0052	-0.0026	-0.0231
SEQ-CCV SALT	As	-0.0003	mg/L		2/6/2012	1:02:41 PM	-2	111	-0.0005	-0.0012	0.0006
SEQ-CCV SALT	Ba	0.0001	mg/L		2/6/2012	1:02:41 PM	19	111	0.0001	0.0001	0.0000
SEQ-CCV SALT	Be	0.0002	mg/L		2/6/2012	1:01:25 PM	168	32	0.0003	0.0002	0.0002
SEQ-CCV SALT	Ca	4.9347	mg/L	99	2/6/2012	1:01:05 PM	72087	1	4.9058	4.9407	4.9574

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Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCV SALT	Cd	0.0002	mg/L		2/6/2012	1:02:41 PM	21	10	0.0002	0.0002	0.0002
SEQ-CCV SALT	Cr	0.0001	mg/L		2/6/2012	1:02:41 PM	12	43	0.0001	0.0001	0.0001
SEQ-CCV SALT	Co	0.0000	mg/L		2/6/2012	1:02:41 PM	-2	415	0.0001	0.0000	-0.0001
SEQ-CCV SALT	Cu	0.0004	mg/L		2/6/2012	1:02:21 PM	90	182	-0.0002	0.0002	0.0012
SEQ-CCV SALT	Na	4.8979	mg/L	98	2/6/2012	1:01:05 PM	84427	0	4.8755	4.8957	4.9224
SEQ-CCV SALT	Fe	0.0039	mg/L		2/6/2012	1:01:25 PM	9	26	0.0048	0.0042	0.0028
SEQ-CCV SALT	K	23.8691	mg/L	95	2/6/2012	1:01:05 PM	54406	0	23.9055	23.7380	23.9637
SEQ-CCV SALT	Ni	-0.0004	mg/L		2/6/2012	1:02:41 PM	-11	90	0.0000	-0.0006	-0.0004
SEQ-CCV SALT	Mg	4.9657	mg/L	99	2/6/2012	1:01:05 PM	35383	1	4.9299	4.9718	4.9955
SEQ-CCV SALT	Mn	0.0000	mg/L		2/6/2012	1:01:25 PM	0	1421	-0.0002	0.0000	0.0002
SEQ-CCV SALT	Pb	0.0003	mg/L		2/6/2012	1:02:41 PM	2	387	0.0010	-0.0009	0.0007
SEQ-CCV SALT	Sb	0.0068	mg/L		2/6/2012	1:02:41 PM	39	27	0.0065	0.0087	0.0051
SEQ-CCV SALT	Se	0.0052	mg/L		2/6/2012	1:02:41 PM	9	30	0.0041	0.0067	0.0048
SEQ-CCV SALT	Ti	0.0022	mg/L		2/6/2012	1:01:05 PM	82	55	0.0015	0.0037	0.0015
SEQ-CCV SALT	Tl	-0.0006	mg/L		2/6/2012	1:02:21 PM	-7	500	-0.0031	0.0024	-0.0009
SEQ-CCV SALT	V	-0.0028	mg/L		2/6/2012	1:02:21 PM	-977	3	-0.0028	-0.0027	-0.0029
SEQ-CCV SALT	Zn	0.0016	mg/L		2/6/2012	1:02:41 PM	177	3	0.0016	0.0015	0.0015
SEQ-CCB	Y		%		2/6/2012	1:07:02 PM	5919995	1			
SEQ-CCB	Y		%		2/6/2012	1:05:48 PM	438644	1			
SEQ-CCB	Ag	-0.0030	mg/L		2/6/2012	1:07:04 PM	-1127	55	-0.0019	-0.0049	-0.0023
SEQ-CCB	Al	-0.0009	mg/L		2/6/2012	1:05:48 PM	-8	466	0.0009	-0.0055	0.0020
SEQ-CCB	As	-0.0018	mg/L		2/6/2012	1:07:24 PM	-5	85	-0.0001	-0.0031	-0.0024
SEQ-CCB	Ba	-0.0001	mg/L		2/6/2012	1:07:24 PM	-19	95	-0.0002	0.0000	-0.0001
SEQ-CCB	Be	0.0000	mg/L		2/6/2012	1:06:08 PM	-37	26	-0.0001	-0.0001	0.0000
SEQ-CCB	Ca	0.0079	mg/L		2/6/2012	1:06:08 PM	116	26	0.0057	0.0097	0.0085
SEQ-CCB	Cd	0.0000	mg/L		2/6/2012	1:07:24 PM	-1	626	-0.0001	0.0000	0.0000
SEQ-CCB	Cr	-0.0001	mg/L		2/6/2012	1:07:04 PM	-16	44	-0.0001	-0.0002	-0.0001
SEQ-CCB	Co	-0.0002	mg/L		2/6/2012	1:07:24 PM	-21	121	0.0000	-0.0002	-0.0003
SEQ-CCB	Cu	0.0002	mg/L		2/6/2012	1:07:04 PM	37	209	0.0001	-0.0001	0.0005
SEQ-CCB	Na	0.0015	mg/L		2/6/2012	1:05:48 PM	26	114	-0.0005	0.0023	0.0026
SEQ-CCB	Fe	0.0009	mg/L		2/6/2012	1:06:08 PM	2	31	0.0008	0.0007	0.0012
SEQ-CCB	K	0.0175	mg/L		2/6/2012	1:05:48 PM	40	79	0.0235	0.0017	0.0275
SEQ-CCB	Ni	-0.0001	mg/L		2/6/2012	1:07:24 PM	-4	137	-0.0002	0.0001	-0.0003
SEQ-CCB	Mg	0.0036	mg/L		2/6/2012	1:06:08 PM	26	41	0.0046	0.0042	0.0019
SEQ-CCB	Mn	0.0000	mg/L		2/6/2012	1:06:08 PM	0	1910	-0.0001	-0.0002	0.0003
SEQ-CCB	Pb	-0.0001	mg/L		2/6/2012	1:07:24 PM	-1	554	-0.0006	0.0000	0.0003
SEQ-CCB	Sb	-0.0079	mg/L		2/6/2012	1:07:24 PM	-46	16	-0.0073	-0.0070	-0.0094
SEQ-CCB	Se	0.0010	mg/L		2/6/2012	1:07:24 PM	2	201	0.0032	0.0008	-0.0009
SEQ-CCB	Ti	0.0028	mg/L		2/6/2012	1:05:48 PM	100	18	0.0027	0.0033	0.0023
SEQ-CCB	Tl	-0.0003	mg/L		2/6/2012	1:07:04 PM	-4	319	-0.0005	0.0008	-0.0013
SEQ-CCB	V	-0.0004	mg/L		2/6/2012	1:07:04 PM	-147	66	-0.0006	-0.0005	-0.0001
SEQ-CCB	Zn	0.0020	mg/L		2/6/2012	1:07:24 PM	227	1	0.0020	0.0020	0.0020
B045369-BS2	Y		%		2/6/2012	1:17:13 PM	5837557	1			
B045369-BS2	Y		%		2/6/2012	1:15:59 PM	402658	1			
B045369-BS2	Ag	-0.0027	mg/L		2/6/2012	1:17:15 PM	-1015	37	-0.0022	-0.0021	-0.0039
B045369-BS2	Al	0.0236	mg/L		2/6/2012	1:15:59 PM	220	36	0.0307	0.0257	0.0143
B045369-BS2	As	-0.0020	mg/L		2/6/2012	1:17:35 PM	-5	84	-0.0015	-0.0006	-0.0039
B045369-BS2	Ba	0.0000	mg/L		2/6/2012	1:17:35 PM	-1	353	0.0000	0.0000	0.0000
B045369-BS2	Be	-0.0002	mg/L		2/6/2012	1:16:19 PM	-182	12	-0.0002	-0.0002	-0.0003
B045369-BS2	Ca	0.0298	mg/L		2/6/2012	1:16:19 PM	435	5	0.0311	0.0283	0.0300
B045369-BS2	Cd	0.0004	mg/L		2/6/2012	1:17:35 PM	43	22	0.0004	0.0005	0.0003
B045369-BS2	Cr	0.0010	mg/L		2/6/2012	1:17:15 PM	106	27	0.0011	0.0007	0.0011
B045369-BS2	Co	-0.0006	mg/L		2/6/2012	1:17:35 PM	-87	17	-0.0007	-0.0007	-0.0005
B045369-BS2	Cu	0.0036	mg/L		2/6/2012	1:17:15 PM	820	15	0.0038	0.0030	0.0040
B045369-BS2	Na	0.0618	mg/L		2/6/2012	1:15:59 PM	1065	12	0.0677	0.0641	0.0536
B045369-BS2	Fe	0.0993	mg/L		2/6/2012	1:16:19 PM	217	8	0.1088	0.0951	0.0941
B045369-BS2	K	0.1931	mg/L		2/6/2012	1:15:59 PM	440	16	0.2215	0.1959	0.1618
B045369-BS2	Ni	0.0022	mg/L		2/6/2012	1:17:35 PM	65	16	0.0018	0.0025	0.0022
B045369-BS2	Mg	0.0099	mg/L		2/6/2012	1:16:19 PM	71	9	0.0096	0.0093	0.0109
B045369-BS2	Mn	0.0006	mg/L		2/6/2012	1:16:19 PM	13	21	0.0007	0.0005	0.0006
B045369-BS2	Pb	0.0162	mg/L		2/6/2012	1:17:35 PM	153	5	0.0153	0.0166	0.0166
B045369-BS2	Sb	0.0086	mg/L		2/6/2012	1:17:35 PM	50	29	0.0115	0.0078	0.0067
B045369-BS2	Se	0.0047	mg/L		2/6/2012	1:17:35 PM	10	58	0.0072	0.0050	0.0018
B045369-BS2	Ti	0.0041	mg/L		2/6/2012	1:15:59 PM	150	9	0.0045	0.0038	0.0041
B045369-BS2	Tl	0.0039	mg/L		2/6/2012	1:17:15 PM	48	55	0.0056	0.0015	0.0046
B045369-BS2	V	-0.0002	mg/L		2/6/2012	1:17:15 PM	-62	22	-0.0002	-0.0002	-0.0001
B045369-BS2	Zn	0.0110	mg/L		2/6/2012	1:17:35 PM	1241	0	0.0110	0.0111	0.0110
12A0882-01	Y		%		2/6/2012	1:21:07 PM	5433486	2			
12A0882-01	Y		%		2/6/2012	1:20:11 PM	396478	1			
12A0882-01	Ag	-0.0033	mg/L		2/6/2012	1:21:09 PM	-1209	45	-0.0045	-0.0036	-0.0017
12A0882-01	Al	73.2282	mg/L		2/6/2012	1:20:11 PM	686879	0	73.0723	73.2204	73.3918
12A0882-01	As	0.0251	mg/L		2/6/2012	1:21:29 PM	23	23	0.0250	0.0272	0.0232
12A0882-01	Ba	3.0684	mg/L		2/6/2012	1:21:09 PM	686518	2	3.1347	3.0639	3.0067

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
12A0882-01	Be	-0.0004	mg/L		2/6/2012	1:20:13 PM	-284	21	-0.0004	-0.0003	-0.0005
12A0882-01	Ca	173.5538	mg/L		2/6/2012	1:20:11 PM	2535322	1	172.9815	173.1038	174.5761
12A0882-01	Cd	0.0049	mg/L		2/6/2012	1:21:29 PM	507	2	0.0050	0.0048	0.0048
12A0882-01	Cr	0.1183	mg/L		2/6/2012	1:21:29 PM	12778	1	0.1199	0.1183	0.1167
12A0882-01	Co	0.0376	mg/L		2/6/2012	1:21:29 PM	5155	1	0.0381	0.0375	0.0372
12A0882-01	Cu	0.1846	mg/L		2/6/2012	1:21:09 PM	41885	2	0.1887	0.1847	0.1804
12A0882-01	Na	2.6314	mg/L		2/6/2012	1:20:11 PM	45359	0	2.6347	2.6200	2.6394
12A0882-01	Fe	103.9361	mg/L		2/6/2012	1:20:11 PM	227529	0	103.7022	103.6659	104.4401
12A0882-01	K	5.4225	mg/L		2/6/2012	1:20:11 PM	12360	1	5.4315	5.3634	5.4726
12A0882-01	Ni	0.0699	mg/L		2/6/2012	1:21:29 PM	2088	1	0.0709	0.0699	0.0689
12A0882-01	Mg	60.4158	mg/L		2/6/2012	1:20:11 PM	430488	0	60.3745	60.3320	60.5409
12A0882-01	Mn	1.2152	mg/L		2/6/2012	1:20:13 PM	24929	2	1.1905	1.2159	1.2392
12A0882-01	Pb	1.0404	mg/L		2/6/2012	1:21:29 PM	9817	2	1.0563	1.0435	1.0213
12A0882-01	Sb	0.0232	mg/L		2/6/2012	1:21:29 PM	151	10	0.0262	0.0215	0.0220
12A0882-01	Se	0.0119	mg/L		2/6/2012	1:21:29 PM	-16	18	0.0110	0.0112	0.0136
12A0882-01	Ti	2.5091	mg/L		2/6/2012	1:20:13 PM	91505	2	2.4668	2.5009	2.5597
12A0882-01	Tl	-0.0090	mg/L		2/6/2012	1:21:09 PM	-110	22	-0.0111	-0.0072	-0.0087
12A0882-01	V	0.2434	mg/L		2/6/2012	1:21:09 PM	85053	2	0.2489	0.2429	0.2384
12A0882-01	Zn	0.8436	mg/L		2/6/2012	1:21:09 PM	94984	2	0.8630	0.8405	0.8272
12A0882-02	Y		%		2/6/2012	1:26:14 PM	5480403	1			
12A0882-02	Y		%		2/6/2012	1:25:18 PM	393203	2			
12A0882-02	Ag	-0.0039	mg/L		2/6/2012	1:26:16 PM	-1438	13	-0.0044	-0.0039	-0.0034
12A0882-02	Al	90.8631	mg/L		2/6/2012	1:25:18 PM	851739	1	90.2861	91.2294	91.0739
12A0882-02	As	0.0441	mg/L		2/6/2012	1:26:37 PM	87	4	0.0423	0.0452	0.0449
12A0882-02	Ba	2.6923	mg/L		2/6/2012	1:26:16 PM	602376	0	2.6810	2.6938	2.7022
12A0882-02	Be	-0.0002	mg/L		2/6/2012	1:25:20 PM	-182	16	-0.0002	-0.0002	-0.0003
12A0882-02	Ca	111.5170	mg/L		2/6/2012	1:25:18 PM	1629072	1	110.2938	112.4018	111.8555
12A0882-02	Cd	0.0051	mg/L		2/6/2012	1:26:37 PM	531	2	0.0052	0.0052	0.0050
12A0882-02	Cr	0.1375	mg/L		2/6/2012	1:26:37 PM	14847	0	0.1368	0.1379	0.1376
12A0882-02	Co	0.0462	mg/L		2/6/2012	1:26:37 PM	6337	1	0.0460	0.0465	0.0462
12A0882-02	Cu	0.3587	mg/L		2/6/2012	1:26:16 PM	81397	1	0.3568	0.3579	0.3616
12A0882-02	Na	2.7793	mg/L		2/6/2012	1:25:18 PM	47907	0	2.7702	2.7943	2.7733
12A0882-02	Fe	122.4189	mg/L		2/6/2012	1:25:18 PM	267991	1	121.1169	123.3189	122.8209
12A0882-02	K	5.7907	mg/L		2/6/2012	1:25:18 PM	13199	1	5.7168	5.8290	5.8264
12A0882-02	Ni	0.0908	mg/L		2/6/2012	1:26:37 PM	2711	0	0.0906	0.0908	0.0909
12A0882-02	Mg	32.3063	mg/L		2/6/2012	1:25:18 PM	230196	1	32.0906	32.4936	32.3348
12A0882-02	Mn	1.1101	mg/L		2/6/2012	1:25:20 PM	22773	2	1.0855	1.1233	1.1215
12A0882-02	Pb	1.0558	mg/L		2/6/2012	1:26:37 PM	9963	0	1.0539	1.0610	1.0527
12A0882-02	Sb	0.0223	mg/L		2/6/2012	1:26:37 PM	148	11	0.0204	0.0255	0.0210
12A0882-02	Se	-0.0054	mg/L		2/6/2012	1:26:37 PM	-47	7	-0.0061	-0.0067	-0.0035
12A0882-02	Ti	2.9787	mg/L		2/6/2012	1:25:20 PM	108631	2	2.9123	3.0055	3.0183
12A0882-02	Tl	-0.0165	mg/L		2/6/2012	1:26:16 PM	-202	10	-0.0178	-0.0171	-0.0146
12A0882-02	V	0.2849	mg/L		2/6/2012	1:26:16 PM	99544	1	0.2831	0.2852	0.2863
12A0882-02	Zn	1.3173	mg/L		2/6/2012	1:26:16 PM	148318	0	1.3176	1.3166	1.3176
12A0882-03	Y		%		2/6/2012	1:31:08 PM	5493130	1			
12A0882-03	Y		%		2/6/2012	1:30:12 PM	397686	2			
12A0882-03	Ag	-0.0046	mg/L		2/6/2012	1:31:10 PM	-1714	21	-0.0049	-0.0054	-0.0036
12A0882-03	Al	95.7816	mg/L		2/6/2012	1:30:12 PM	897796	1	95.3206	95.6818	96.3425
12A0882-03	As	0.0327	mg/L		2/6/2012	1:31:30 PM	66	12	0.0293	0.0335	0.0354
12A0882-03	Ba	1.7202	mg/L		2/6/2012	1:31:10 PM	384861	1	1.7197	1.7298	1.7110
12A0882-03	Be	0.0001	mg/L		2/6/2012	1:30:14 PM	96	27	0.0001	0.0001	0.0001
12A0882-03	Ca	82.0176	mg/L		2/6/2012	1:30:12 PM	1198136	1	81.3898	81.9675	82.6955
12A0882-03	Cd	0.0046	mg/L		2/6/2012	1:31:30 PM	478	1	0.0046	0.0046	0.0045
12A0882-03	Cr	0.1305	mg/L		2/6/2012	1:31:30 PM	14091	0	0.1306	0.1305	0.1303
12A0882-03	Co	0.0326	mg/L		2/6/2012	1:31:30 PM	4463	0	0.0326	0.0326	0.0325
12A0882-03	Cu	0.2055	mg/L		2/6/2012	1:31:10 PM	46619	1	0.2056	0.2070	0.2038
12A0882-03	Na	2.0853	mg/L		2/6/2012	1:30:12 PM	35945	0	2.0747	2.0870	2.0941
12A0882-03	Fe	112.3428	mg/L		2/6/2012	1:30:12 PM	245933	1	111.5765	112.0625	113.3892
12A0882-03	K	5.2339	mg/L		2/6/2012	1:30:12 PM	11930	2	5.1418	5.2660	5.2939
12A0882-03	Ni	0.0650	mg/L		2/6/2012	1:31:30 PM	1942	1	0.0645	0.0655	0.0651
12A0882-03	Mg	20.9354	mg/L		2/6/2012	1:30:14 PM	149173	3	20.5599	20.6778	21.5684
12A0882-03	Mn	0.9685	mg/L		2/6/2012	1:30:14 PM	19869	3	0.9536	0.9548	0.9973
12A0882-03	Pb	0.8671	mg/L		2/6/2012	1:31:30 PM	8182	0	0.8703	0.8654	0.8656
12A0882-03	Sb	0.0192	mg/L		2/6/2012	1:31:30 PM	130	13	0.0198	0.0218	0.0161
12A0882-03	Se	-0.0058	mg/L		2/6/2012	1:31:30 PM	-42	17	-0.0099	-0.0036	-0.0038
12A0882-03	Ti	2.5306	mg/L		2/6/2012	1:30:14 PM	92290	3	2.4885	2.4925	2.6110
12A0882-03	Tl	-0.0181	mg/L		2/6/2012	1:31:10 PM	-221	27	-0.0237	-0.0153	-0.0153
12A0882-03	V	0.2298	mg/L		2/6/2012	1:31:10 PM	80305	0	0.2300	0.2304	0.2290
12A0882-03	Zn	1.2589	mg/L		2/6/2012	1:31:10 PM	141742	1	1.2597	1.2676	1.2493
SEQ-CCV 17	Y		%		2/6/2012	2:25:01 PM	5806763	1			
SEQ-CCV 17	Y		%		2/6/2012	2:23:41 PM	427727	1			
SEQ-CCV 17	Ag	-0.0106	mg/L		2/6/2012	2:25:03 PM	-3904	10	-0.0117	-0.0102	-0.0098
SEQ-CCV 17	Al	5.2848	mg/L	106	2/6/2012	2:23:41 PM	49519	1	5.2444	5.3003	5.3096

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCV 17	As	4.9840	mg/L	100	2/6/2012	2:25:03 PM	12597	1	5.0103	5.0004	4.9413
SEQ-CCV 17	Ba	5.1332	mg/L	103	2/6/2012	2:25:01 PM	1148482	0	5.1397	5.1310	5.1289
SEQ-CCV 17	Be	5.0862	mg/L	102	2/6/2012	2:23:39 PM	3920327	1	5.1187	5.1220	5.0180
SEQ-CCV 17	Ca	0.0153	mg/L		2/6/2012	2:24:02 PM	224	2	0.0154	0.0156	0.0150
SEQ-CCV 17	Cd	5.2076	mg/L	104	2/6/2012	2:25:01 PM	541533	0	5.2119	5.2098	5.2011
SEQ-CCV 17	Cr	4.9193	mg/L	98	2/6/2012	2:25:01 PM	531360	0	4.9101	4.9206	4.9272
SEQ-CCV 17	Co	5.0915	mg/L	102	2/6/2012	2:25:01 PM	697905	0	5.0957	5.0925	5.0864
SEQ-CCV 17	Cu	5.0411	mg/L	101	2/6/2012	2:25:01 PM	1143823	0	5.0441	5.0468	5.0323
SEQ-CCV 17	Na	0.0068	mg/L		2/6/2012	2:23:41 PM	118	47	0.0105	0.0043	0.0057
SEQ-CCV 17	Fe	5.1762	mg/L	104	2/6/2012	2:24:02 PM	11331	1	5.2040	5.1868	5.1377
SEQ-CCV 17	K	0.0176	mg/L		2/6/2012	2:23:41 PM	40	145	0.0316	0.0330	-0.0119
SEQ-CCV 17	Ni	4.8004	mg/L	96	2/6/2012	2:25:03 PM	143340	0	4.8174	4.8027	4.7812
SEQ-CCV 17	Mg	0.0174	mg/L		2/6/2012	2:24:02 PM	124	16	0.0205	0.0163	0.0154
SEQ-CCV 17	Mn	5.0193	mg/L	100	2/6/2012	2:23:41 PM	102967	1	4.9685	5.0479	5.0415
SEQ-CCV 17	Pb	4.6600	mg/L	93	2/6/2012	2:25:03 PM	43971	0	4.6711	4.6614	4.6474
SEQ-CCV 17	Sb	5.3134	mg/L	106	2/6/2012	2:25:03 PM	31291	1	5.2710	5.3474	5.3220
SEQ-CCV 17	Se	4.9624	mg/L	99	2/6/2012	2:25:23 PM	10245	1	4.9946	4.9341	4.9586
SEQ-CCV 17	Ti	0.0140	mg/L		2/6/2012	2:24:02 PM	511	7	0.0151	0.0136	0.0133
SEQ-CCV 17	Tl	5.1632	mg/L	103	2/6/2012	2:25:03 PM	63206	1	5.2126	5.1877	5.0894
SEQ-CCV 17	V	5.0506	mg/L	101	2/6/2012	2:25:01 PM	1764841	0	5.0525	5.0556	5.0436
SEQ-CCV 17	Zn	5.0607	mg/L	101	2/6/2012	2:25:01 PM	570437	0	5.0649	5.0625	5.0547
SEQ-CCV AG	Y		%		2/6/2012	2:30:46 PM	6004967	1			
SEQ-CCV AG	Y		%		2/6/2012	2:29:32 PM	430724	2			
SEQ-CCV AG	Ag	2.0417	mg/L	102	2/6/2012	2:30:46 PM	755172	0	2.0459	2.0397	2.0396
SEQ-CCV AG	Al	0.0308	mg/L		2/6/2012	2:29:32 PM	289	24	0.0292	0.0245	0.0388
SEQ-CCV AG	As	0.0015	mg/L		2/6/2012	2:31:09 PM	4	74	0.0005	0.0013	0.0026
SEQ-CCV AG	Ba	0.0016	mg/L		2/6/2012	2:31:09 PM	368	25	0.0020	0.0017	0.0012
SEQ-CCV AG	Be	0.0033	mg/L		2/6/2012	2:29:32 PM	2518	16	0.0037	0.0033	0.0027
SEQ-CCV AG	Ca	0.0080	mg/L		2/6/2012	2:29:52 PM	117	36	0.0110	0.0077	0.0053
SEQ-CCV AG	Cd	0.0017	mg/L		2/6/2012	2:31:09 PM	176	25	0.0021	0.0017	0.0013
SEQ-CCV AG	Cr	0.0016	mg/L		2/6/2012	2:30:48 PM	178	23	0.0021	0.0015	0.0013
SEQ-CCV AG	Co	0.0015	mg/L		2/6/2012	2:31:09 PM	204	22	0.0018	0.0015	0.0011
SEQ-CCV AG	Cu	0.0023	mg/L		2/6/2012	2:30:48 PM	527	27	0.0029	0.0023	0.0017
SEQ-CCV AG	Na	0.0085	mg/L		2/6/2012	2:29:32 PM	147	43	0.0125	0.0080	0.0052
SEQ-CCV AG	Fe	0.0393	mg/L		2/6/2012	2:29:52 PM	86	4	0.0405	0.0398	0.0377
SEQ-CCV AG	K	0.0021	mg/L		2/6/2012	2:29:32 PM	5	2267	0.0562	-0.0291	-0.0208
SEQ-CCV AG	Ni	0.0018	mg/L		2/6/2012	2:31:09 PM	55	19	0.0021	0.0020	0.0015
SEQ-CCV AG	Mg	0.0068	mg/L		2/6/2012	2:29:52 PM	48	16	0.0076	0.0072	0.0056
SEQ-CCV AG	Mn	0.0039	mg/L		2/6/2012	2:29:52 PM	81	14	0.0045	0.0039	0.0034
SEQ-CCV AG	Pb	0.0022	mg/L		2/6/2012	2:31:09 PM	21	43	0.0033	0.0021	0.0014
SEQ-CCV AG	Sb	0.0618	mg/L		2/6/2012	2:31:09 PM	356	19	0.0745	0.0597	0.0513
SEQ-CCV AG	Se	0.0029	mg/L		2/6/2012	2:31:09 PM	6	34	0.0037	0.0032	0.0018
SEQ-CCV AG	Ti	0.0052	mg/L		2/6/2012	2:29:32 PM	191	19	0.0041	0.0059	0.0057
SEQ-CCV AG	Tl	0.0074	mg/L		2/6/2012	2:30:48 PM	90	23	0.0077	0.0055	0.0088
SEQ-CCV AG	V	0.0011	mg/L		2/6/2012	2:30:48 PM	394	45	0.0017	0.0010	0.0007
SEQ-CCV AG	Zn	0.0019	mg/L		2/6/2012	2:31:09 PM	217	19	0.0023	0.0019	0.0016
SEQ-CCV SALT	Y		%		2/6/2012	2:36:30 PM	5713545	1			
SEQ-CCV SALT	Y		%		2/6/2012	2:35:16 PM	426124	1			
SEQ-CCV SALT	Ag	-0.0019	mg/L		2/6/2012	2:36:32 PM	-714	90	-0.0036	-0.0020	-0.0002
SEQ-CCV SALT	Al	-0.0025	mg/L		2/6/2012	2:35:16 PM	7	662	0.0007	0.0000	-0.0080
SEQ-CCV SALT	As	-0.0009	mg/L		2/6/2012	2:36:53 PM	-4	46	-0.0016	-0.0004	-0.0007
SEQ-CCV SALT	Ba	0.0002	mg/L		2/6/2012	2:36:53 PM	44	37	0.0003	0.0002	0.0001
SEQ-CCV SALT	Be	0.0003	mg/L		2/6/2012	2:35:36 PM	202	28	0.0003	0.0003	0.0002
SEQ-CCV SALT	Ca	5.0075	mg/L	100	2/6/2012	2:35:16 PM	73150	1	4.9716	5.0308	5.0200
SEQ-CCV SALT	Cd	0.0003	mg/L		2/6/2012	2:36:53 PM	30	9	0.0003	0.0003	0.0003
SEQ-CCV SALT	Cr	0.0002	mg/L		2/6/2012	2:36:53 PM	18	67	0.0003	0.0001	0.0001
SEQ-CCV SALT	Co	-0.0002	mg/L		2/6/2012	2:36:53 PM	-28	14	-0.0002	-0.0002	-0.0002
SEQ-CCV SALT	Cu	-0.0002	mg/L		2/6/2012	2:36:32 PM	-49	191	-0.0006	0.0002	-0.0003
SEQ-CCV SALT	Na	5.0031	mg/L	100	2/6/2012	2:35:16 PM	86241	0	4.9778	5.0224	5.0091
SEQ-CCV SALT	Fe	0.0088	mg/L		2/6/2012	2:35:36 PM	19	15	0.0089	0.0101	0.0074
SEQ-CCV SALT	K	24.6767	mg/L	99	2/6/2012	2:35:16 PM	56247	0	24.6852	24.6371	24.7079
SEQ-CCV SALT	Ni	-0.0005	mg/L		2/6/2012	2:36:53 PM	-14	11	-0.0005	-0.0004	-0.0005
SEQ-CCV SALT	Mg	4.9887	mg/L	100	2/6/2012	2:35:16 PM	35547	1	4.9578	5.0012	5.0071
SEQ-CCV SALT	Mn	0.0002	mg/L		2/6/2012	2:35:36 PM	5	140	0.0004	-0.0001	0.0004
SEQ-CCV SALT	Pb	-0.0001	mg/L		2/6/2012	2:36:53 PM	-1	335	-0.0002	-0.0004	0.0003
SEQ-CCV SALT	Sb	0.0060	mg/L		2/6/2012	2:36:53 PM	35	63	0.0104	0.0042	0.0035
SEQ-CCV SALT	Se	0.0024	mg/L		2/6/2012	2:36:53 PM	3	145	0.0014	0.0052	0.0007
SEQ-CCV SALT	Ti	0.0035	mg/L		2/6/2012	2:35:16 PM	126	33	0.0022	0.0044	0.0038
SEQ-CCV SALT	Tl	0.0031	mg/L		2/6/2012	2:36:32 PM	38	93	0.0004	0.0028	0.0062
SEQ-CCV SALT	V	-0.0024	mg/L		2/6/2012	2:36:32 PM	-849	14	-0.0021	-0.0023	-0.0028
SEQ-CCV SALT	Zn	0.0014	mg/L		2/6/2012	2:36:53 PM	161	10	0.0016	0.0014	0.0013
SEQ-CCB	Y		%		2/6/2012	2:41:12 PM	5845856	1			
SEQ-CCB	Y		%		2/6/2012	2:39:59 PM	426509	1			

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCB	Ag	-0.0037	mg/L		2/6/2012	2:41:15 PM	-1364	15	-0.0040	-0.0030	-0.0040
SEQ-CCB	Al	-0.0085	mg/L		2/6/2012	2:39:59 PM	-80	136	0.0039	-0.0191	-0.0103
SEQ-CCB	As	-0.0008	mg/L		2/6/2012	2:41:35 PM	-2	193	-0.0025	0.0001	0.0001
SEQ-CCB	Ba	-0.0001	mg/L		2/6/2012	2:41:35 PM	-17	65	-0.0001	0.0000	-0.0001
SEQ-CCB	Be	0.0000	mg/L		2/6/2012	2:40:19 PM	4	174	0.0000	0.0000	0.0000
SEQ-CCB	Ca	0.0130	mg/L		2/6/2012	2:40:19 PM	190	17	0.0155	0.0121	0.0115
SEQ-CCB	Cd	0.0000	mg/L		2/6/2012	2:41:35 PM	1	313	0.0000	0.0000	0.0000
SEQ-CCB	Cr	0.0000	mg/L		2/6/2012	2:41:15 PM	4	367	-0.0001	0.0000	0.0002
SEQ-CCB	Co	-0.0003	mg/L		2/6/2012	2:41:35 PM	-39	9	-0.0003	-0.0003	-0.0003
SEQ-CCB	Cu	0.0002	mg/L		2/6/2012	2:41:15 PM	45	48	0.0002	0.0003	0.0001
SEQ-CCB	Na	0.0037	mg/L		2/6/2012	2:39:59 PM	64	73	0.0056	0.0006	0.0048
SEQ-CCB	Fe	0.0031	mg/L		2/6/2012	2:40:19 PM	7	57	0.0023	0.0019	0.0052
SEQ-CCB	K	0.0526	mg/L		2/6/2012	2:39:59 PM	120	83	0.1001	0.0425	0.0151
SEQ-CCB	Ni	0.0000	mg/L		2/6/2012	2:41:35 PM	1	502	0.0001	-0.0001	0.0002
SEQ-CCB	Mg	0.0036	mg/L		2/6/2012	2:40:19 PM	26	40	0.0047	0.0042	0.0020
SEQ-CCB	Mn	0.0000	mg/L		2/6/2012	2:40:19 PM	0	2155	-0.0004	0.0001	0.0004
SEQ-CCB	Pb	0.0009	mg/L		2/6/2012	2:41:35 PM	8	64	0.0012	0.0013	0.0002
SEQ-CCB	Sb	-0.0059	mg/L		2/6/2012	2:41:35 PM	-34	9	-0.0065	-0.0056	-0.0056
SEQ-CCB	Se	-0.0008	mg/L		2/6/2012	2:41:35 PM	-2	553	-0.0006	-0.0051	0.0034
SEQ-CCB	Ti	0.0011	mg/L		2/6/2012	2:39:59 PM	39	100	0.0007	0.0002	0.0023
SEQ-CCB	Tl	0.0013	mg/L		2/6/2012	2:41:15 PM	16	269	0.0013	-0.0022	0.0048
SEQ-CCB	V	-0.0005	mg/L		2/6/2012	2:41:15 PM	-181	63	-0.0004	-0.0009	-0.0003
SEQ-CCB	Zn	0.0023	mg/L		2/6/2012	2:41:35 PM	257	5	0.0024	0.0022	0.0022
SEQ-IFA	Y		%		2/6/2012	5:16:25 PM	5240143	2			
SEQ-IFA	Y		%		2/6/2012	5:15:11 PM	397975	1			
SEQ-IFA	Ag	-0.0013	mg/L		2/6/2012	5:16:27 PM	-472	80	-0.0013	-0.0002	-0.0023
SEQ-IFA	Al	266.3634	mg/L	107	2/6/2012	5:15:09 PM	2498964	4	257.7811	276.4102	264.8991
SEQ-IFA	As	-0.0072	mg/L		2/6/2012	5:16:48 PM	-77	8	-0.0057	-0.0057	-0.0101
SEQ-IFA	Ba	0.0173	mg/L		2/6/2012	5:16:48 PM	3867	1	0.0171	0.0172	0.0175
SEQ-IFA	Be	0.0000	mg/L		2/6/2012	5:15:31 PM	7	206	0.0000	0.0000	0.0000
SEQ-IFA	Ca	248.8439	mg/L	100	2/6/2012	5:15:09 PM	3635179	3	242.2644	256.3232	247.9440
SEQ-IFA	Cd	0.0016	mg/L		2/6/2012	5:16:48 PM	168	2	0.0016	0.0016	0.0016
SEQ-IFA	Cr	-0.0015	mg/L		2/6/2012	5:16:48 PM	-163	6	-0.0016	-0.0015	-0.0014
SEQ-IFA	Co	-0.0016	mg/L		2/6/2012	5:16:48 PM	-215	3	-0.0016	-0.0015	-0.0016
SEQ-IFA	Cu	-0.0048	mg/L		2/6/2012	5:16:27 PM	-1088	5	-0.0050	-0.0049	-0.0045
SEQ-IFA	Na	0.2735	mg/L		2/6/2012	5:15:11 PM	4715	8	0.2504	0.2749	0.2953
SEQ-IFA	Fe	96.3190	mg/L	96	2/6/2012	5:15:11 PM	210855	1	95.0036	96.9424	97.0109
SEQ-IFA	K	0.1793	mg/L		2/6/2012	5:15:11 PM	409	24	0.1313	0.1894	0.2170
SEQ-IFA	Ni	-0.0058	mg/L		2/6/2012	5:16:48 PM	-174	11	-0.0051	-0.0061	-0.0063
SEQ-IFA	Mg	226.6250	mg/L	91	2/6/2012	5:15:09 PM	1614797	3	220.4613	233.8204	225.5934
SEQ-IFA	Mn	0.0057	mg/L		2/6/2012	5:15:31 PM	118	11	0.0054	0.0053	0.0065
SEQ-IFA	Pb	-0.0158	mg/L		2/6/2012	5:16:48 PM	-149	8	-0.0147	-0.0156	-0.0172
SEQ-IFA	Sb	0.0325	mg/L		2/6/2012	5:16:48 PM	187	4	0.0312	0.0323	0.0339
SEQ-IFA	Se	0.0335	mg/L		2/6/2012	5:16:48 PM	-21	43	0.0372	0.0337	0.0297
SEQ-IFA	Ti	0.0062	mg/L		2/6/2012	5:15:31 PM	226	10	0.0058	0.0058	0.0069
SEQ-IFA	Tl	-0.0243	mg/L		2/6/2012	5:16:27 PM	-298	17	-0.0238	-0.0205	-0.0287
SEQ-IFA	V	0.0020	mg/L		2/6/2012	5:16:27 PM	715	13	0.0018	0.0021	0.0023
SEQ-IFA	Zn	0.0083	mg/L		2/6/2012	5:16:48 PM	931	1	0.0081	0.0083	0.0084
SEQ-IFB	Y		%		2/6/2012	5:21:19 PM	5224008	1			
SEQ-IFB	Y		%		2/6/2012	5:20:23 PM	395212	2			
SEQ-IFB	Ag	1.1016	mg/L	110	2/6/2012	5:21:21 PM	407453	1	1.0950	1.1177	1.0921
SEQ-IFB	Al	264.0080	mg/L	106	2/6/2012	5:20:23 PM	2476881	1	261.8664	264.0186	266.1391
SEQ-IFB	As	-0.0054	mg/L		2/6/2012	5:21:41 PM	-82	10	-0.0066	-0.0082	-0.0016
SEQ-IFB	Ba	0.5445	mg/L	109	2/6/2012	5:21:21 PM	121814	1	0.5418	0.5530	0.5385
SEQ-IFB	Be	0.5377	mg/L	108	2/6/2012	5:20:23 PM	414408	1	0.5338	0.5382	0.5410
SEQ-IFB	Ca	245.5631	mg/L	98	2/6/2012	5:20:23 PM	3587253	1	243.7753	245.4951	247.4189
SEQ-IFB	Cd	1.1285	mg/L	113	2/6/2012	5:21:21 PM	117352	2	1.1235	1.1478	1.1142
SEQ-IFB	Cr	0.5089	mg/L	102	2/6/2012	5:21:21 PM	54967	1	0.5055	0.5159	0.5052
SEQ-IFB	Co	0.4976	mg/L	100	2/6/2012	5:21:21 PM	68206	2	0.4953	0.5061	0.4915
SEQ-IFB	Cu	0.5504	mg/L	110	2/6/2012	5:21:21 PM	124883	2	0.5472	0.5601	0.5438
SEQ-IFB	Na	0.3072	mg/L		2/6/2012	5:20:25 PM	5295	4	0.2969	0.3048	0.3198
SEQ-IFB	Fe	93.3536	mg/L	93	2/6/2012	5:20:23 PM	204363	1	92.5006	93.3295	94.2306
SEQ-IFB	K	0.2141	mg/L		2/6/2012	5:20:25 PM	488	19	0.1998	0.1836	0.2590
SEQ-IFB	Ni	0.9314	mg/L	93	2/6/2012	5:21:21 PM	27812	1	0.9269	0.9435	0.9238
SEQ-IFB	Mg	223.2626	mg/L	89	2/6/2012	5:20:23 PM	1590838	1	221.4186	222.9881	225.3810
SEQ-IFB	Mn	0.4916	mg/L	98	2/6/2012	5:20:25 PM	10084	1	0.4882	0.4910	0.4955
SEQ-IFB	Pb	0.8917	mg/L	89	2/6/2012	5:21:41 PM	8414	1	0.8926	0.8974	0.8850
SEQ-IFB	Sb	0.0205	mg/L		2/6/2012	5:21:41 PM	193	14	0.0227	0.0234	0.0154
SEQ-IFB	Se	0.0389	mg/L		2/6/2012	5:21:41 PM	-8	246	0.0410	0.0470	0.0287
SEQ-IFB	Ti	0.0054	mg/L		2/6/2012	5:20:25 PM	195	33	0.0063	0.0065	0.0033
SEQ-IFB	Tl	-0.0257	mg/L		2/6/2012	5:21:21 PM	-315	33	-0.0330	-0.0280	-0.0162
SEQ-IFB	V	0.5363	mg/L	107	2/6/2012	5:21:21 PM	187400	2	0.5329	0.5457	0.5302
SEQ-IFB	Zn	1.0122	mg/L	101	2/6/2012	5:21:21 PM	114024	1	1.0064	1.0255	1.0046

con-test® ANALYTICAL LABORATORY
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METALS

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB01

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01
Sampled:	01/27/12 10:00		
% Solids:	94.60		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-97-6	Mercury	0.032	0.0094	0.026	1		B045193	01/30/12 16:56	SW-846 7471B

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02
Sampled:	01/27/12 11:00		
% Solids:	92.90		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-97-6	Mercury	0.068	0.0096	0.027	1		B045193	01/30/12 16:58	SW-846 7471B

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03
Sampled:	01/27/12 11:00		
% Solids:	92.80		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-97-6	Mercury	0.045	0.0095	0.026	1		B045193	01/30/12 17:00	SW-846 7471B

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04
Sampled:	01/27/12 12:00		
% Solids:	91.50		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-97-6	Mercury		0.0099	0.027	1	J	B045193	01/30/12 16:28	SW-846 7471B

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 7471B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	HG1	Calibration:	UNASSIGNED
		Sequence:	S001729

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001729-ICV1	Mercury	2.00	2.03	101	µg/L	+/- 20.00%
S001729-CCV1	Mercury	2.00	2.06	103	µg/L	+/- 20.00%
S001729-CCV2	Mercury	2.00	1.86	92.8	µg/L	+/- 20.00%
S001729-CCV3	Mercury	2.00	1.81	90.4	µg/L	+/- 20.00%
S001729-CCV4	Mercury	2.00	1.79	89.5	µg/L	+/- 20.00%
S001729-CCV5	Mercury	2.00	1.82	91.2	µg/L	+/- 20.00%
S001729-CCV6	Mercury	2.00	1.83	91.7	µg/L	+/- 20.00%

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

BLANKS

SW-846 7471B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	HG1	Calibration:	UNASSIGNED
Sequence:	S001729		

Lab Sample ID	Analyte	Found	Units	RL	C
S001729-ICB1	Mercury	-0.0187	µg/L	0.30	U
S001729-CCB1	Mercury	-0.024	µg/L	0.30	U
B045193-BLK1	Mercury	-0.0015	mg/Kg wet	0.025	U
S001729-CCB2	Mercury	-0.019	µg/L	0.30	U
S001729-CCB3	Mercury	-0.019	µg/L	0.30	U
S001729-CCB4	Mercury	-0.022	µg/L	0.30	U
S001729-CCB5	Mercury	-0.018	µg/L	0.30	U

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 7471B
Batch:	B045193	Preparation:	SW-846 7471
% Solids:	91.50	Laboratory ID:	B045193-MS1
Column:		Sample Lab ID:	12A0882-04

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Mercury	0.181	0.0238	0.174	82.6	75 - 125

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Mercury	0.182	0.176	83.5	1.33	35	75 - 125

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DUPLICATES

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045193-DUP1
Batch:	B045193	Initial/Final:	0.6079 g / 50 mL
Preparation:	SW-846 7471	Analysis:	SW-846 7471B
% Solids:	91.50		

ANALYTE	SAMPLE CONCENTRATION (mg/Kg dry)	DUPLICATE CONCENTRATION (mg/Kg dry)	RPD %	Q	CONTROL LIMIT
Mercury	0.0238	0.027 J			35

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 7471B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 7471
Batch:	B045193	Laboratory ID:	B045193-BS1
Column:		Initial/Final:	0.047 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Mercury	3.73	3.01	80.6	66 - 132

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Mercury	3.73	3.50	93.9	15.2	30	66 - 132

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12A0882
Client: Ecology & Environment
Matrix: Soil
Instrument: HG1

Analyte	MDL	MRL	Units	Method
Mercury	0.0090	0.025	mg/Kg	SW-846 7471B

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PREPARATION BATCH SUMMARY

SW-846 7471B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Batch:	B045193 Batch Matrix: Soil	Preparation:	SW-846 7471

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
FPC-SB01	12A0882-01	01/30/12 08:19	0.61	50.00
FPC-SB02	12A0882-02	01/30/12 08:19	0.61	50.00
FPC-SB02/D	12A0882-03	01/30/12 08:19	0.61	50.00
FPC-SB03	12A0882-04	01/30/12 08:19	0.60	50.00
Blank	B045193-BLK1	01/30/12 08:19	0.60	50.00
LCS	B045193-BS1	01/30/12 08:19	0.05	50.00
LCS Dup	B045193-BSD1	01/30/12 08:19	0.04	50.00
FPC-SB03	B045193-DUP1	01/30/12 08:19	0.61	50.00
FPC-SB03	B045193-MS1	01/30/12 08:19	0.60	50.00
FPC-SB03	B045193-MSD1	01/30/12 08:19	0.60	50.00

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SAMPLE DATA

ANALYSIS SEQUENCE

S001729

Instrument: HG1

Calibnration ID: UNASSIGNED

Printed: 2/1/2012 11:34:12AM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001729-ICV1	QC		1		1201233			
S001729-CCV1	QC		2		1201234			
S001729-ICB1	QC		3		1105187			
S001729-CCV2	QC		4		1201234			
S001729-CCB1	QC		5		1105187			
B045193-BLK1	QC		6					
B045193-BS1	QC		7					
B045193-BSD1	QC		8					
S001729-CCV3	QC		9		1201234			
S001729-CCB2	QC		10		1105187			
B045193-DUP1	QC		11					
B045193-MS1	QC		12					
B045193-MSD1	QC		13					
12A0882-04	Mercury 7470/7471 Total	A	14				Ecology & Environment	MS/MSD
12A0842-01	Mercury 7470/7471 Total	A	15					
12A0850-01	Mercury 7470/7471 Total	A	16					
12A0853-01	Mercury 7470/7471 Total	A	17					
12A0853-02	Mercury 7470/7471 Total	A	18					
12A0853-03	Mercury 7470/7471 Total	A	19					
S001729-CCV4	QC		20		1201234			
S001729-CCB3	QC		21		1105187			
12A0880-01	Mercury 7470/7471 Total	A	22					
12A0880-02	Mercury 7470/7471 Total	A	23					

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001729

Instrument: HG1

Calibnration ID: UNASSIGNED

Printed: 2/1/2012 11:34:12AM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0880-03	Mercury 7470/7471 Total	A	24					
12A0880-05	Mercury 7470/7471 Total	A	25					
12A0880-06	Mercury 7470/7471 Total	A	26					
12A0882-01	Mercury 7470/7471 Total	A	27				Ecology & Environment	
12A0882-02	Mercury 7470/7471 Total	A	28				Ecology & Environment	
12A0882-03	Mercury 7470/7471 Total	A	29				Ecology & Environment	
S001729-CCV5	QC		30		1201234			
S001729-CCB4	QC		31		1105187			
12A0878-01	Mercury 7470/7471 Total	A	32					Please activate TCLP"s for metals if over th
12A0878-02	Mercury 7470/7471 Total	A	33					Please activate TCLP"s for metals if over th
12A0880-04	Mercury 7470/7471 Total	A	34					
S001729-CCV6	QC		35		1201234			
S001729-CCB5	QC		36		1105187			

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 01/30/12 08:19 | B045193 | **Printed: 1/30/2012 3:33:12PM**

Matrix: Soil

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 7471

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B045193-BLK1	Blank	0.6	50		|	
B045193-BS1	LCS	0.047	50		47 |	
B045193-BSD1	LCS Dup	0.0446	50		44.6 |	
B045193-DUP1	Duplicate [12A0882-04]	0.6079	50		|	
B045193-MS1	Matrix Spike [12A0882-04]	0.6024	50		50 |	
B045193-MSD1	Matrix Spike Dup [12A0882-04]	0.6001	50		50 |	
12A0842-01	Stockpile #2	0.598	50	02/01/12		
12A0850-01	Composite Soil Sample	0.6214	50	02/03/12		
12A0853-01	S-1	0.6096	50	02/06/12		
12A0853-02	S-2	0.6073	50	02/06/12		
12A0853-03	S-3	0.6136	50	02/06/12		
12A0878-01	HERTZ-SP-1/27-01	0.5967	50	02/03/12		Please activate TCLP"s for metals if over the 20
12A0878-02	HERTZ-SP-1/27-02	0.6143	50	02/03/12		Please activate TCLP"s for metals if over the 20
12A0880-01	SB-10	0.6222	50	02/03/12		
12A0880-02	SB-11	0.6142	50	02/03/12		
12A0880-03	SB-12	0.6107	50	02/03/12		
12A0880-04	SB-13	0.6127	50	02/03/12		
12A0880-05	SB-14	0.6002	50	02/03/12		
12A0880-06	DUP-1	0.6187	50	02/03/12		
12A0882-01	FPC-SB01	0.6053	50	02/06/12	Ecology & Environment	
12A0882-02	FPC-SB02	0.6056	50	02/06/12	Ecology & Environment	
12A0882-03	FPC-SB02/D	0.6101	50	02/06/12	Ecology & Environment	
12A0882-04	FPC-SB03	0.5977	50	02/06/12	Ecology & Environment	MS/MSD

Hg

Standard(s):

1112044	Hg SRM D074-540	44.6 uL
		47 uL
1201188	Mercury Soil Spike 2.0 ppm	50 uL

Standard ID#	Description	Manufacture Lot#
1110222	Sulfuric Acid	K18F01
1112252	Nitric Acid 69-70%	RR1-307
1201005	Hydroxylamine Hydrochloride + So	n/a
1201092	Mercury - Potassium Permanganat	n/a
1201096	Mercury - Potassium Persulfate	n/a

HOT BATH, IN AT 1050AM AT 95.0°C ON 1/30/12, OUT AT 1250PM AT 95.1°C ON 1/30/12.
EPPENDORF# 1257613
SCALE 1
SPIKE WITNESS SJT 1/30/12

Prepared By — Date 1/30/12

Preparation Reviewed By — Date AMP 2/1/12

Analysis Begun

Logged In Analyst: FIMS100
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\New.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Method Loaded
Method Name: main
Method Last Saved: 11/28/2011 5:40:57 PM
Method Description: Hg 1-31-2008

Analyte	Calibration Equation	Wavelength
Hg 253.7	Lin, Calc Int	253.7

Sequence No.: 1
Autosampler Location: 1
Sample ID: Blank
Date Collected: 1/30/2012 11:13:01 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: Blank

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0004	0.0012	0.0004	11:13:51	Yes
2		[0.00]	0.0004	0.0011	0.0004	11:14:20	Yes
3		[0.00]	0.0005	0.0026	0.0005	11:14:50	Yes
Mean:		[0.00]	0.0004				
SD:		0.00	0.0000				
%RSD:		0.00	8.84				

Auto-zero performed.

Sequence No.: 2
Autosampler Location: 2
Sample ID: Calib Std 1- 0.1ppb
Date Collected: 1/30/2012 11:15:09 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: Calib Std 1- 0.1ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.1]	0.0014	0.0062	0.0018	11:15:59	Yes
2		[0.1]	0.0015	0.0079	0.0019	11:16:28	Yes
3		[0.1]	0.0014	0.0070	0.0018	11:16:57	Yes
Mean:		[0.1]	0.0014				
SD:		0.0	0.0000				
%RSD:		0.0	2.31				

Standard number 1 applied. [0.1]
Correlation Coef.: 1.000000 Slope: 0.01426 Intercept: 0.00000

Sequence No.: 3
Autosampler Location: 3
Sample ID: Calib Std 2- 0.5 ppb
Date Collected: 1/30/2012 11:17:17 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: Calib Std 2- 0.5 ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.50]	0.0068	0.0281	0.0072	11:18:07	Yes
2		[0.50]	0.0069	0.0301	0.0074	11:18:37	Yes

3	[0.50]	0.0070	0.0303	0.0074	11:19:06	Yes
Mean:	[0.50]	0.0069				
SD:	0.00	0.0001				
%RSD:	0.00	1.70				

Standard number 2 applied. [0.50]
Correlation Coef.: 0.999977 Slope: 0.01378 Intercept: 0.00002

Sequence No.: 4
Sample ID: Calib Std 3- 1.0 ppb
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 1/30/2012 11:19:26 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: Calib Std 3- 1.0 ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.00]	0.0138	0.0579	0.0142	11:20:17	Yes
2		[1.00]	0.0138	0.0578	0.0142	11:20:46	Yes
3		[1.00]	0.0140	0.0580	0.0144	11:21:15	Yes
Mean:		[1.00]	0.0139				
SD:		0.00	0.0001				
%RSD:		0.00	0.69				

Standard number 3 applied. [1.00]
Correlation Coef.: 0.999992 Slope: 0.01384 Intercept: 0.00001

Sequence No.: 5
Sample ID: Calib Std 4- 2.0ppb
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 1/30/2012 11:21:35 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: Calib Std 4- 2.0ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.00]	0.0282	0.1170	0.0286	11:22:26	Yes
2		[2.00]	0.0281	0.1159	0.0285	11:22:56	Yes
3		[2.00]	0.0279	0.1151	0.0283	11:23:25	Yes
Mean:		[2.00]	0.0281				
SD:		0.00	0.0002				
%RSD:		0.00	0.59				

Standard number 4 applied. [2.00]
Correlation Coef.: 0.999971 Slope: 0.01403 Intercept: -0.00004

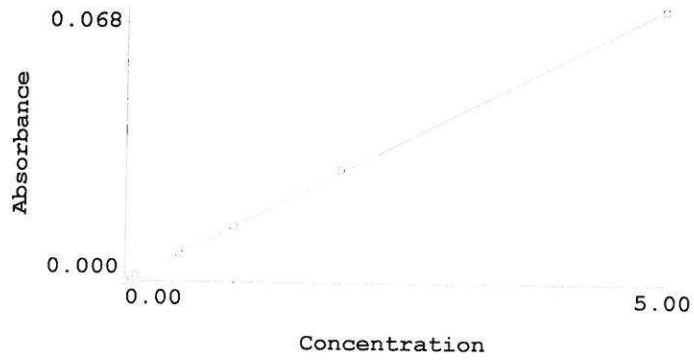
Sequence No.: 6
Sample ID: Calib Std 5- 5.0ppb
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 1/30/2012 11:23:46 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: Calib Std 5- 5.0ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.00]	0.0685	0.2805	0.0689	11:24:35	Yes
2		[5.00]	0.0679	0.2821	0.0683	11:25:05	Yes
3		[5.00]	0.0677	0.2800	0.0681	11:25:34	Yes
Mean:		[5.00]	0.0680				
SD:		0.00	0.0004				
%RSD:		0.00	0.64				

Standard number 5 applied. [5.00]
Correlation Coef.: 0.999915 Slope: 0.01362 Intercept: 0.00020



Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Blank	0.0000	0	-0.015	0.00	8.8
Calib Std 1- 0.1ppb	0.0014	0.1	0.090	0.00	2.8
Calib Std 2- 0.5 ppb	0.0069	0.50	0.492	0.00	1.7
Calib Std 3- 1.0 ppb	0.0139	1.00	1.003	0.00	0.7
Calib Std 4- 2.0ppb	0.0281	2.00	2.048	0.00	0.6
Calib Std 5- 5.0ppb	0.0680	5.00	4.981	0.00	0.6

Correlation Coef.: 0.999915 Slope: 0.01362 Intercept: 0.00020

Analytical Sequence
Method: main

Seq.	Loc.	ID	Status
1	1	Blank	Applied
2	2	Calib Std 1- 0.1ppb	Applied
3	3	Calib Std 2- 0.5 ppb	Applied
4	4	Calib Std 3- 1.0 ppb	Applied
5	5	Calib Std 4- 2.0ppb	Applied
6	6	Calib Std 5- 5.0ppb	Applied

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 1
Sample ID: SEQ-ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 1/30/2012 11:25:56 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.032	2.032	0.0279	0.1164	0.0283	11:26:46	Yes
2	2.013	2.013	0.0276	0.1151	0.0280	11:27:15	Yes
3	2.033	2.033	0.0279	0.1167	0.0283	11:27:45	Yes
Mean:	2.026	2.026	0.0278				
SD:	0.011	0.011	0.0002				
%RSD:	0.550	0.550	0.55				

QC value within limits for Hg 253.7 Recovery = 101.32%
All analyte(s) passed QC.

Sequence No.: 2
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 8
Date Collected: 1/30/2012 11:28:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.066	2.066	0.0283	0.1184	0.0287	11:28:54	Yes
2	2.063	2.063	0.0283	0.1167	0.0287	11:29:23	Yes
3	2.066	2.066	0.0283	0.1170	0.0287	11:29:53	Yes
Mean:	2.065	2.065	0.0283				
SD:	0.002	0.002	0.0000				
%RSD:	0.098	0.098	0.10				

QC value within limits for Hg 253.7 Recovery = 103.24%
All analyte(s) passed QC.

Sequence No.: 3
Sample ID: SEQ-ICB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 1/30/2012 11:30:12 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0004	0.0003	11:31:02	Yes
2	-0.013	-0.013	0.0000	0.0022	0.0004	11:31:31	Yes
3	-0.019	-0.019	-0.0001	0.0009	0.0004	11:32:00	Yes
Mean:	-0.019	-0.019	-0.0001				
SD:	0.005	0.005	0.0001				
%RSD:	28.40	28.40	135.06				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 1
Sample ID: SEQ-ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 1/30/2012 3:56:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

User canceled analysis.

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 50
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 8
Date Collected: 1/30/2012 3:56:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.855	1.855	0.0255	0.1040	0.0259	15:57:09	Yes
2	1.854	1.854	0.0255	0.1035	0.0259	15:57:39	Yes
3	1.857	1.857	0.0255	0.1046	0.0259	15:58:08	Yes
Mean:	1.855	1.855	0.0255				
SD:	0.002	0.002	0.0000				
%RSD:	0.084	0.084	0.08				

QC value within limits for Hg 253.7 Recovery = 92.77%
All analyte(s) passed QC.

Sequence No.: 51
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 1/30/2012 3:58:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	-0.0002	0.0001	0.0002	15:59:18	Yes
2	-0.022	-0.022	-0.0001	0.0015	0.0003	15:59:47	Yes
3	-0.020	-0.020	-0.0001	0.0011	0.0003	16:00:16	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.005	0.005	0.0001				
%RSD:	22.34	22.34	57.49				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 52
Sample ID: 12A0836-02 10X
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 152
Date Collected: 1/30/2012 4:00:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-02 10X

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.634	2.634	0.0361	0.1472	0.0365	16:01:27	Yes
2	2.640	2.640	0.0361	0.1464	0.0366	16:01:56	Yes
Mean:	2.637	2.637	0.0361				
SD:	0.004	0.004	0.0001				
%RSD:	0.168	0.168	0.17				

Sequence No.: 53
Sample ID: 12A0836-08
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 122
Date Collected: 1/30/2012 4:02:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-08

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.257	0.257	0.0037	0.0160	0.0041	16:03:09	Yes
2	0.261	0.261	0.0038	0.0169	0.0042	16:03:39	Yes
Mean:	0.259	0.259	0.0037				
SD:	0.003	0.003	0.0000				
%RSD:	1.087	1.087	1.03				

Sequence No.: 54
Sample ID: 12A0836-10
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 123
Date Collected: 1/30/2012 4:04:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-10

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.196	0.196	0.0029	0.0132	0.0033	16:04:52	Yes
2	0.193	0.193	0.0028	0.0119	0.0032	16:05:21	Yes
Mean:	0.195	0.195	0.0029				
SD:	0.002	0.002	0.0000				
%RSD:	0.872	0.872	0.81				

Sequence No.: 55
Sample ID: 12A0836-11
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 124
Date Collected: 1/30/2012 4:05:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-11

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.326	1.326	0.0183	0.0746	0.0187	16:06:34	Yes
2	1.322	1.322	0.0182	0.0739	0.0186	16:07:03	Yes
Mean:	1.324	1.324	0.0182				
SD:	0.003	0.003	0.0000				
%RSD:	0.213	0.213	0.21				

Sequence No.: 56
Sample ID: 12A0836-12
Analyst:
Initial Sample Wt:

Autosampler Location: 125
Date Collected: 1/30/2012 4:07:24 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Replicate Data: 12A0836-12

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.296	0.296	0.0042	0.0179	0.0046	16:08:15	Yes
2	0.305	0.305	0.0044	0.0190	0.0048	16:08:45	Yes
Mean:	0.301	0.301	0.0043				
SD:	0.006	0.006	0.0001				
%RSD:	2.115	2.115	2.02				

Sequence No.: 57
Sample ID: 12A0836-13
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 126
Date Collected: 1/30/2012 4:09:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-13

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.202	1.202	0.0166	0.0681	0.0170	16:09:57	Yes
2	1.207	1.207	0.0166	0.0686	0.0170	16:10:27	Yes
Mean:	1.204	1.204	0.0166				
SD:	0.004	0.004	0.0000				
%RSD:	0.299	0.299	0.30				

Sequence No.: 58
Sample ID: 12A0836-14
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 127
Date Collected: 1/30/2012 4:10:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-14

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.282	0.282	0.0040	0.0178	0.0044	16:11:40	Yes
2	0.284	0.284	0.0041	0.0171	0.0045	16:12:09	Yes
Mean:	0.283	0.283	0.0041				
SD:	0.002	0.002	0.0000				
%RSD:	0.671	0.671	0.64				

Sequence No.: 59
Sample ID: B045193-BLK1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 128
Date Collected: 1/30/2012 4:12:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-BLK1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	-0.0000	0.0018	0.0004	16:13:22	Yes
2	-0.019	-0.019	-0.0001	0.0016	0.0004	16:13:51	Yes
Mean:	-0.018	-0.018	-0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	5.480	5.480	29.92				

Sequence No.: 60
Sample ID: B045193-BS1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 129
Date Collected: 1/30/2012 4:14:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-BS1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.827	2.827	0.0387	0.1588	0.0391	16:15:04	Yes
2	2.829	2.829	0.0387	0.1571	0.0391	16:15:33	Yes
Mean:	2.828	2.828	0.0387				
SD:	0.001	0.001	0.0000				
%RSD:	0.047	0.047	0.05				

Sequence No.: 61
Sample ID: B045193-BSD1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 130
Date Collected: 1/30/2012 4:15:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-BSD1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.116	3.116	0.0426	0.1747	0.0430	16:16:46	Yes
2	3.132	3.132	0.0429	0.1750	0.0433	16:17:15	Yes
Mean:	3.124	3.124	0.0427				
SD:	0.011	0.011	0.0002				
%RSD:	0.365	0.365	0.36				

Sequence No.: 62
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 1/30/2012 4:17:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.803	1.803	0.0248	0.1007	0.0252	16:18:26	Yes
2	1.812	1.812	0.0249	0.1011	0.0253	16:18:56	Yes
3	1.812	1.812	0.0249	0.1014	0.0253	16:19:25	Yes
Mean:	1.809	1.809	0.0248				
SD:	0.005	0.005	0.0001				
%RSD:	0.268	0.268	0.27				

QC value within limits for Hg 253.7 Recovery = 90.45%
All analyte(s) passed QC.

Sequence No.: 63
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 1/30/2012 4:19:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.019	-0.019	-0.0001	0.0017	0.0003	16:20:35	Yes
2	-0.017	-0.017	-0.0000	0.0019	0.0004	16:21:04	Yes
3	-0.020	-0.020	-0.0001	0.0015	0.0003	16:21:34	Yes
Mean:	-0.019	-0.019	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	8.462	8.462	39.35				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 64
Sample ID: B045193-DUP1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 131
Date Collected: 1/30/2012 4:21:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-DUP1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.284	0.284	0.0041	0.0186	0.0045	16:22:44	Yes
2	0.286	0.286	0.0041	0.0183	0.0045	16:23:14	Yes
Mean:	0.285	0.285	0.0041				
SD:	0.001	0.001	0.0000				
%RSD:	0.413	0.413	0.39				

Sequence No.: 65
Sample ID: B045193-MS1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 132
Date Collected: 1/30/2012 4:23:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-MS1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.909	1.909	0.0262	0.1072	0.0266	16:24:27	Yes
2	1.918	1.918	0.0263	0.1073	0.0267	16:24:56	Yes
Mean:	1.913	1.913	0.0263				
SD:	0.006	0.006	0.0001				
%RSD:	0.332	0.332	0.33				

Sequence No.: 66
Sample ID: B045193-MSD1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 133
Date Collected: 1/30/2012 4:25:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-MSD1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.933	1.933	0.0265	0.1091	0.0269	16:26:09	Yes
2	1.930	1.930	0.0265	0.1082	0.0269	16:26:38	Yes
Mean:	1.931	1.931	0.0265				
SD:	0.002	0.002	0.0000				
%RSD:	0.092	0.092	0.09				

Sequence No.: 67
Sample ID: 12A0882-04
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 134
Date Collected: 1/30/2012 4:26:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0882-04

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.260	0.260	0.0037	0.0163	0.0042	16:27:51	Yes
2	0.260	0.260	0.0037	0.0165	0.0042	16:28:20	Yes
Mean:	0.260	0.260	0.0037				
SD:	0.000	0.000	0.0000				
%RSD:	0.100	0.100	0.09				

Sequence No.: 68
Sample ID: 12A0842-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 135
Date Collected: 1/30/2012 4:28:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0842-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.039	0.039	0.0007	0.0052	0.0011	16:29:33	Yes
2	0.041	0.041	0.0008	0.0052	0.0012	16:30:03	Yes
Mean:	0.040	0.040	0.0007				
SD:	0.002	0.002	0.0000				
%RSD:	4.025	4.025	2.94				

Sequence No.: 69
Sample ID: 12A0850-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 136
Date Collected: 1/30/2012 4:30:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0850-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.897	2.897	0.0397	0.1628	0.0401	16:31:16	Yes
2	2.889	2.889	0.0395	0.1617	0.0399	16:31:45	Yes
Mean:	2.893	2.893	0.0396				
SD:	0.006	0.006	0.0001				
%RSD:	0.211	0.211	0.21				

Sequence No.: 70
Sample ID: 12A0853-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 137
Date Collected: 1/30/2012 4:32:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0853-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.172	1.172	0.0162	0.0668	0.0166	16:32:58	Yes
2	1.174	1.174	0.0162	0.0670	0.0166	16:33:27	Yes
Mean:	1.173	1.173	0.0162				
SD:	0.001	0.001	0.0000				
%RSD:	0.104	0.104	0.10				

Sequence No.: 71
Sample ID: 12A0853-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 138
Date Collected: 1/30/2012 4:33:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0853-02

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.591	0.591	0.0082	0.0349	0.0087	16:34:40	Yes
2	0.583	0.583	0.0081	0.0339	0.0085	16:35:09	Yes
Mean:	0.587	0.587	0.0082				
SD:	0.006	0.006	0.0001				
%RSD:	0.966	0.966	0.94				

Sequence No.: 72
Sample ID: 12A0853-03
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 139
Date Collected: 1/30/2012 4:35:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0853-03

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.407	0.407	0.0057	0.0246	0.0062	16:36:22	Yes
2	0.410	0.410	0.0058	0.0256	0.0062	16:36:51	Yes
Mean:	0.409	0.409	0.0058				
SD:	0.002	0.002	0.0000				

%RSD: 0.471 0.471 0.45

Sequence No.: 73
Sample ID: 12A0878-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 140
Date Collected: 1/30/2012 4:37:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0878-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.767	6.767	0.0923	0.3762	0.0928	16:38:05	Yes
	Sample concentration is greater than that of the highest standard.						
2	6.771	6.771	0.0924	0.3752	0.0928	16:38:34	Yes
	Sample concentration is greater than that of the highest standard.						
Mean:	6.769	6.769	0.0924				
SD:	0.002	0.002	0.0000				
%RSD:	0.034	0.034	0.03				
	Sample concentration is greater than that of the highest standard.						

Sequence No.: 74
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 1/30/2012 4:38:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.789	1.789	0.0246	0.1001	0.0250	16:39:45	Yes
2	1.788	1.788	0.0245	0.1004	0.0250	16:40:14	Yes
3	1.792	1.792	0.0246	0.1017	0.0250	16:40:43	Yes
Mean:	1.790	1.790	0.0246				
SD:	0.002	0.002	0.0000				
%RSD:	0.111	0.111	0.11				

QC value within limits for Hg 253.7 Recovery = 89.48%
All analyte(s) passed QC.

Sequence No.: 75
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 1/30/2012 4:41:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.022	-0.022	-0.0001	0.0013	0.0003	16:41:52	Yes
2	-0.017	-0.017	-0.0000	0.0017	0.0004	16:42:21	Yes
3	-0.018	-0.018	-0.0000	0.0020	0.0004	16:42:51	Yes
Mean:	-0.019	-0.019	-0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	14.36	14.36	65.46				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 76
Sample ID: 12A0878-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 141
Date Collected: 1/30/2012 4:43:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0878-02

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	ug/L	ug/L	Signal	Area	Height		Stored
1	5.020	5.020	0.0686	0.2779	0.0690	16:44:02	Yes
2	5.014	5.014	0.0685	0.2741	0.0689	16:44:31	Yes
Mean:	5.017	5.017	0.0685				
SD:	0.004	0.004	0.0001				
%RSD:	0.080	0.080	0.08				

Sequence No.: 77
Sample ID: 12A0880-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 142
Date Collected: 1/30/2012 4:44:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.299	4.299	0.0587	0.2400	0.0592	16:45:44	Yes
2	4.282	4.282	0.0585	0.2385	0.0589	16:46:13	Yes
Mean:	4.291	4.291	0.0586				
SD:	0.012	0.012	0.0002				
%RSD:	0.291	0.291	0.29				

Sequence No.: 78
Sample ID: 12A0880-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 143
Date Collected: 1/30/2012 4:46:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-02

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.241	0.241	0.0035	0.0142	0.0039	16:47:27	Yes
2	0.255	0.255	0.0037	0.0168	0.0041	16:47:55	Yes
Mean:	0.248	0.248	0.0036				
SD:	0.010	0.010	0.0001				
%RSD:	3.912	3.912	3.69				

Sequence No.: 79
Sample ID: 12A0880-03
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 144
Date Collected: 1/30/2012 4:48:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-03

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.649	1.649	0.0227	0.0938	0.0231	16:49:08	Yes
2	1.658	1.658	0.0228	0.0929	0.0232	16:49:38	Yes
Mean:	1.653	1.653	0.0227				
SD:	0.007	0.007	0.0001				
%RSD:	0.408	0.408	0.40				

Sequence No.: 80
Sample ID: 12A0880-04
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 145
Date Collected: 1/30/2012 4:49:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-04

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	25.19	25.19	0.3432	1.4365	0.3436	16:50:51	Yes
	Sample concentration is greater than that of the highest standard.						
2	25.23	25.23	0.3437	1.4374	0.3441	16:51:20	Yes

Sample concentration is greater than that of the highest standard.

Mean:	25.21	25.21	0.3434
SD:	0.028	0.028	0.0004
%RSD:	0.110	0.110	0.11

Sample concentration is greater than that of the highest standard.

Sequence No.: 81
Sample ID: 12A0880-05
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 146
Date Collected: 1/30/2012 4:51:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-05

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.230	1.230	0.0169	0.0691	0.0174	16:52:34	Yes
2	1.222	1.222	0.0168	0.0692	0.0173	16:53:03	Yes
Mean:	1.226	1.226	0.0169				
SD:	0.005	0.005	0.0001				
%RSD:	0.420	0.420	0.41				

Sequence No.: 82
Sample ID: 12A0880-06
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 147
Date Collected: 1/30/2012 4:53:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-06

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.823	0.823	0.0114	0.0478	0.0118	16:54:16	Yes
2	0.820	0.820	0.0114	0.0464	0.0118	16:54:45	Yes
Mean:	0.821	0.821	0.0114				
SD:	0.002	0.002	0.0000				
%RSD:	0.261	0.261	0.26				

User canceled analysis.

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 1
Sample ID: SEQ-ICV
Analyst:
Initial Sample Wt:
Dilution:
User canceled analysis.

Autosampler Location: 7
Date Collected: 1/30/2012 4:54:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 83
Sample ID: 12A0882-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 148
Date Collected: 1/30/2012 4:55:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0882-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.363	0.363	0.0051	0.0213	0.0056	16:56:10	Yes
2	0.363	0.363	0.0051	0.0218	0.0056	16:56:39	Yes
Mean:	0.363	0.363	0.0051				
SD:	0.000	0.000	0.0000				
%RSD:	0.023	0.023	0.02				

Sequence No.: 84
Sample ID: 12A0882-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 149
Date Collected: 1/30/2012 4:57:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0882-02

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.767	0.767	0.0106	0.0446	0.0111	16:57:52	Yes
2	0.766	0.766	0.0106	0.0449	0.0110	16:58:21	Yes
Mean:	0.766	0.766	0.0106				
SD:	0.001	0.001	0.0000				
%RSD:	0.109	0.109	0.11				

Sequence No.: 85
Sample ID: 12A0882-03
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 150
Date Collected: 1/30/2012 4:58:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0882-03

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.503	0.503	0.0070	0.0305	0.0075	16:59:34	Yes
2	0.508	0.508	0.0071	0.0307	0.0075	17:00:04	Yes
Mean:	0.505	0.505	0.0071				
SD:	0.003	0.003	0.0000				
%RSD:	0.663	0.663	0.64				

Sequence No.: 86
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 1/30/2012 5:00:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.826	1.826	0.0251	0.1026	0.0255	17:01:16	Yes
2	1.823	1.823	0.0250	0.1012	0.0254	17:01:45	Yes
3	1.821	1.821	0.0250	0.1019	0.0254	17:02:14	Yes
Mean:	1.823	1.823	0.0250				
SD:	0.003	0.003	0.0000				
%RSD:	0.153	0.153	0.15				

QC value within limits for Hg 253.7 Recovery = 91.17%
All analyte(s) passed QC.

Sequence No.: 87
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 1/30/2012 5:02:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.020	-0.020	-0.0001	0.0017	0.0003	17:03:24	Yes
2	-0.023	-0.023	-0.0001	0.0008	0.0003	17:03:53	Yes
3	-0.022	-0.022	-0.0001	0.0011	0.0003	17:04:23	Yes
Mean:	-0.022	-0.022	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	8.156	8.156	25.07				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 88
Sample ID: 12A0878-01 2X
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 153
Date Collected: 1/30/2012 5:04:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0878-01 2X

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.506	3.506	0.0479	0.1955	0.0484	17:05:34	Yes
2	3.514	3.514	0.0481	0.1953	0.0485	17:06:03	Yes
Mean:	3.510	3.510	0.0480				
SD:	0.006	0.006	0.0001				
%RSD:	0.166	0.166	0.17				

Sequence No.: 89
Sample ID: 12A0878-02 2X
Analyst:
Initial Sample Wt:

Autosampler Location: 154
Date Collected: 1/30/2012 5:06:24 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Replicate Data: 12A0878-02 2X

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.789	2.789	0.0382	0.1558	0.0386	17:07:16	Yes
2	2.784	2.784	0.0381	0.1549	0.0385	17:07:46	Yes
Mean:	2.787	2.787	0.0381				
SD:	0.004	0.004	0.0001				
%RSD:	0.140	0.140	0.14				

Sequence No.: 90
Sample ID: 12A0880-04 10X
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 155
Date Collected: 1/30/2012 5:08:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-04 10X

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.841	2.841	0.0389	0.1583	0.0393	17:08:59	Yes
2	2.832	2.832	0.0388	0.1566	0.0392	17:09:29	Yes
Mean:	2.837	2.837	0.0388				
SD:	0.006	0.006	0.0001				
%RSD:	0.227	0.227	0.23				

Sequence No.: 91
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 1/30/2012 5:09:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.831	1.831	0.0251	0.1027	0.0255	17:10:40	Yes
2	1.832	1.832	0.0252	0.1029	0.0256	17:11:10	Yes
3	1.839	1.839	0.0252	0.1027	0.0256	17:11:39	Yes
Mean:	1.834	1.834	0.0252				
SD:	0.004	0.004	0.0001				
%RSD:	0.237	0.237	0.23				

QC value within limits for Hg 253.7 Recovery = 91.70%
All analyte(s) passed QC.

Sequence No.: 92
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 1/30/2012 5:11:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	-0.0000	0.0016	0.0004	17:12:48	Yes
2	-0.019	-0.019	-0.0001	0.0012	0.0004	17:13:17	Yes
3	-0.019	-0.019	-0.0001	0.0012	0.0004	17:13:47	Yes
Mean:	-0.018	-0.018	-0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	5.082	5.082	26.00				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Analytical Sequence
Method: main

Seq.	Loc.	ID	Status

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WET

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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB01

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01
Sampled:	01/27/12 10:00		
% Solids:	94.60		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
57-12-5	Cyanide		0.40	0.45	1	U	B045459	02/03/12 09:05	SW846 9014

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	94.6			1		B045524	02/03/12 11:20	SM 2540G

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02
Sampled:	01/27/12 11:00		
% Solids:	92.90		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
57-12-5	Cyanide		0.30	0.34	1	U	B045459	02/03/12 09:05	SW846 9014

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	92.9			1		B045524	02/03/12 11:20	SM 2540G

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03
Sampled:	01/27/12 11:00		
% Solids:	92.80		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
57-12-5	Cyanide		0.38	0.42	1	U	B045459	02/03/12 09:05	SW846 9014

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	92.8			1		B045524	02/03/12 11:20	SM 2540G

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04
Sampled:	01/27/12 12:00		
% Solids:	91.50		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
57-12-5	Cyanide		0.35	0.38	1	U	B045459	02/03/12 09:05	SW846 9014

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	91.5			1		B045524	02/03/12 11:20	SM 2540G

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INITIAL AND CONTINUING CALIBRATION CHECK

SW846 9014

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	INST	Calibration:	
		Sequence:	

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
B045459-CCV1	Cyanide	15.7	15.1	96.0	mg/Kg wet	+/- 15.00%

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW846 9014

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	NO PREP
Batch:	B045459	Laboratory ID:	B045459-BS1
Column:		Initial/Final:	1.0625 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Cyanide	51.9	52	100	80 - 120

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cyanide	51.6	53	102	1.63	20	80 - 120

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12A0882
Client: Ecology & Environment
Matrix: Soil
Instrument: Inst

Analyte	MDL	MRL	Units	Method
Cyanide	0.45	0.50	mg/Kg	SW846 9014

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SW846 9014

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Batch:	B045459 Batch Matrix: Soil	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
FPC-SB01	12A0882-01	02/03/12 09:05	1.18	50.00
FPC-SB02	12A0882-02	02/03/12 09:05	1.61	50.00
FPC-SB02/D	12A0882-03	02/03/12 09:05	1.27	50.00
FPC-SB03	12A0882-04	02/03/12 09:05	1.42	50.00
Blank	B045459-BLK1	02/03/12 09:05	1.05	50.00
LCS	B045459-BS1	02/03/12 09:05	1.06	50.00
LCS Dup	B045459-BSD1	02/03/12 09:05	1.07	50.00
Calibration Check	B045459-CCV1	02/03/12 09:05	1.02	50.00

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PREPARATION BATCH SUMMARY

SM 2540G

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Batch:	B045524 Batch Matrix: Soil	Preparation:	% Solids

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
FPC-SB01	12A0882-01	02/02/12 23:49	5.00	5.00
FPC-SB02	12A0882-02	02/02/12 23:49	5.00	5.00
FPC-SB02/D	12A0882-03	02/02/12 23:49	5.00	5.00
FPC-SB03	12A0882-04	02/02/12 23:49	5.00	5.00

PREPARATION BENCH SHEET

B045459

Con-Test Analytical Laboratory

Printed: 2/3/2012 12:37:11PM

Matrix: Soil **Prepared using: WET CHEMISTRY - NO PREP** DI V (No Surrogate)

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12A0882-01	Cyanide, Total by SW8	02/03/12 09:05	1.1809	50				1	Ecology & Environment	.001
12A0882-02	Cyanide, Total by SW8	02/03/12 09:05	1.6058	50				1	Ecology & Environment	.002
12A0882-03	Cyanide, Total by SW8	02/03/12 09:05	1.2719	50				1	Ecology & Environment	.003
12A0882-04	Cyanide, Total by SW8	02/03/12 09:05	1.4202	50				1	Ecology & Environment	.002
12B0047-01	Cyanide, Total by SW8	02/03/12 09:05	1.3284	50				1		.002
B045459-BLK1	QC	02/03/12 09:05	1.0467	50				1		.000
B045459-BS1	QC	02/03/12 09:05	1.0625	50	1108140		1000	2x	N=55.1 mg/kg	.803 100%
B045459-BSD1	QC	02/03/12 09:05	1.0687	50	1108140		1000	2x	"	.821 102%
B045459-CCV1	QC ICV	02/03/12 09:05	1.0231	50	1202012		10	1	N=0.323 mg/L	.449 96%
B045459-MS1	QC	02/03/12 09:05	1.3857	50	1202012	12B0047-01	10	1	"	.451 96%
B045459-MSD1	QC	02/03/12 09:05	1.2826	50	1202012	12B0047-01	10	1	"	.426 91%

NAOH (WC35-399)
C-T (WC36-026)
PBA (WC36-021)
Buffer (WC35-376)

18N H_2SO_4 (WC35-278)
$MgCl_2$ (WC35-308)
Sulfamic Acid (EM 49189937)

CCV .412 = 0.284 mg/L 95%
CCB .000 = 0.002
N=.3

genesys # 35pec
lpp # 3431147
4497797

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Import Spec. - WC Water

Initial Calibration Date:		**Test Code:**	
Analyst:	VAK	**Prep Date/Time:**	2/3/12 9:05
		Analysis Date/Time:	2/3/12 9:05
Analyte:	Cyanide	**Units:**	mg/Kg
Method:	SM4500NH3-C		

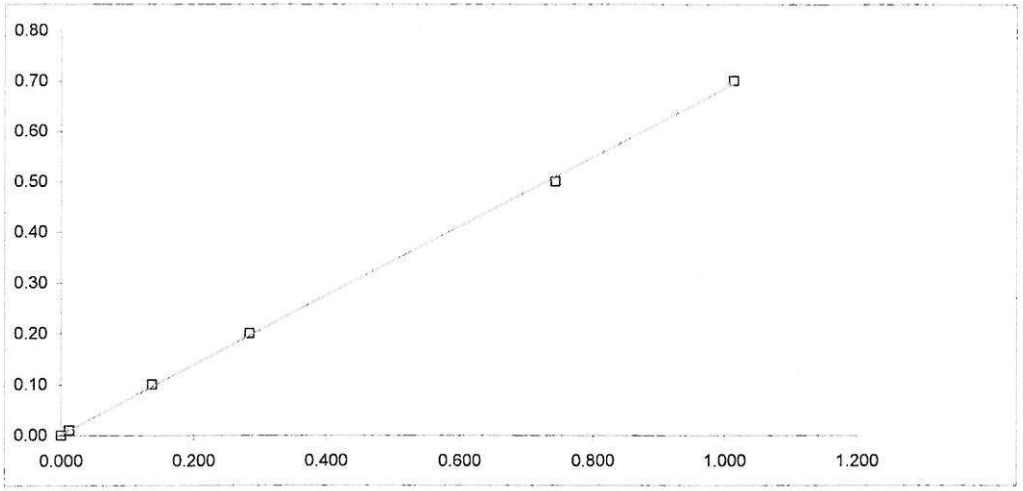
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.000		0.00	0.002
0.012		0.01	0.011
0.137		0.10	0.096
0.284		0.20	0.196
0.743		0.50	
1.013		0.70	

Batch ID: B045459

LINEAR EQUATION

y=a+bx

a=	-0.0035819
b=	1.4639016
r=	0.9997981



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

Import Spec. - WC_Water

#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12A0882-01	FPC-SB01	Sample	0.001	2/3/12 9:05	1.1809		50	1		1	0.003129933	0
	12A0882-02	FPC-SB02	Sample	0.002	2/3/12 9:05	1.6058		50	1		0.73539668	0.003813039	0
	12A0882-03	FPC-SB02/D	Sample	0.003	2/3/12 9:05	1.2719		50	1		0.92845345	0.004496145	0
	12A0882-04	FPC-SB03	Sample	0.002	2/3/12 9:05	1.4202		50	1		0.83150262	0.003813039	0
	12B0047-01	TP-2	Sample	0.002	2/3/12 9:05	1.3284		50	1		0.88896412	0.003813039	0
	B045459-BLK1	-	Blank	0.000	2/3/12 9:05	1.0467		50	1		1.12821245	0.002446827	0
	B045459-BS1	-	LCS	0.803	2/3/12 9:05	1.0625		50	2		2.22287059	0.550980926	0
	B045459-BSD1	-	LCS Dup	0.821	2/3/12 9:05	1.0687		50	2		2.20997477	0.563276827	0
	B045459-CCV1	-	Calibration Check	0.449	2/3/12 9:05	1.0231		50	1		1.15423703	0.309161425	0
	B045459-MS1	12B0047-01	Matrix Spike	0.451	2/3/12 9:05	1.3857		50	1		0.85220468	0.310527653	0
	B045459-MSD1	12B0047-01	Matrix Spike Dup	0.426	2/3/12 9:05	1.2826		50	1		0.92070788	0.293449998	0

O

Final Conc. mg/kg
0.132523209
0.118727088
0.176749155
0.134243041
0.143519998
0.116882928
51.85702896
52.7067337
15.1090517
11.20472145
11.43965244

Lab ID	Client ID	Analysis	Analyte	Inst result	Final result	Units	T.V.	%Rec	RPD
12A0882-01									
	FPC-SB01	Cyanide, Total by SW846	Cyanide	0.0031	0.14	mg/Kg			
12A0882-02									
	FPC-SB02	Cyanide, Total by SW846	Cyanide	0.0038	0.13	mg/Kg			
12A0882-03									
	FPC-SB02/D	Cyanide, Total by SW846	Cyanide	0.0045	0.19	mg/Kg			
12A0882-04									
	FPC-SB03	Cyanide, Total by SW846	Cyanide	0.0038	0.15	mg/Kg			
12B0047-01									
	TP-2	Cyanide, Total by SW846	Cyanide	0.0038	0.14	mg/Kg			
B045459-BLK1									
	Blank	Cyanide, Total by SW846	Cyanide	0.0024	0.12	mg/Kg			
B045459-BS1									
	LCS	Cyanide, Total by SW846	Cyanide	0.5510	52	mg/Kg	51.9	99.9965	
B045459-BSD1									
	LCS Dup	Cyanide, Total by SW846	Cyanide	0.5633	53	mg/Kg	51.6	102.228	1.62523
B045459-CCV1									
	Calibration Chec	Cyanide, Total by SW846	Cyanide	0.3092	15.1	mg/Kg	15.7	96.0128	
B045459-MS1									
	Matrix Spike	Cyanide, Total by SW846	Cyanide	0.3105	11	mg/Kg	11.6	96.4371	
B045459-MSD1									
	Matrix Spike Du	Cyanide, Total by SW846	Cyanide	0.2934	11	mg/Kg	12.6	91.1334	2.07495

Approved By: _____ Approved date: _____

CONTEST LABORATORY

PERCENT SOLIDS

analyst	sample#	dish		dish&sample		time	date	sample	dried dish&sample		time	date	dried sample	% solid
803														
	B045524		g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
ESH	12A0853-01	1.292	g	10.186	g	04:21	02/03/2012	8.8940	9.082	g	11:05	02/03/2012	7.7900	87.6
ESH	12A0853-02	1.289	g	10.805	g	04:21	02/03/2012	9.5160	9.063	g	11:05	02/03/2012	7.7740	81.7
ESH	12A0853-03	1.273	g	15.509	g	04:21	02/03/2012	14.2360	11.240	g	11:06	02/03/2012	9.9670	70.0
ESH	12A0882-01	1.281	g	11.654	g	04:22	02/03/2012	10.3730	11.097	g	11:06	02/03/2012	9.8160	94.6
ESH	12A0882-02	1.288	g	12.279	g	04:22	02/03/2012	10.9910	11.499	g	11:06	02/03/2012	10.2110	92.9
ESH	12A0882-03	1.288	g	12.452	g	04:22	02/03/2012	11.1790	11.652	g	11:06	02/03/2012	10.3790	92.8
ESH	12A0882-04	1.27	g	12.845	g	04:22	02/03/2012	11.5750	11.856	g	11:06	02/03/2012	10.5860	91.5
ESH	12A0893-01	1.294	g	12.031	g	04:22	02/03/2012	10.7500	10.809	g	11:06	02/03/2012	9.5280	88.6
ESH	12A0893-02	1.292	g	15.367	g	04:22	02/03/2012	14.0750	13.196	g	11:06	02/03/2012	11.9040	84.6
ESH	12A0893-03	1.293	g	9.965	g	04:22	02/03/2012	8.6770	8.429	g	11:07	02/03/2012	7.1410	82.3
ESH	12A0893-04	1.288	g	13.165	g	04:22	02/03/2012	11.8770	11.585	g	11:07	02/03/2012	10.2970	86.7
ESH	12A0893-05	1.272	g	15.808	g	04:23	02/03/2012	14.5360	13.974	g	11:07	02/03/2012	12.7020	87.4
ESH	12A0893-06	1.277	g	17.861	g	04:23	02/03/2012	16.5840	15.607	g	11:07	02/03/2012	14.3300	86.4
ESH	12A0893-07	1.302	g	12.592	g	04:23	02/03/2012	11.2900	10.964	g	11:08	02/03/2012	9.6620	85.6
ESH	12A0893-08	1.309	g	9.618	g	04:23	02/03/2012	8.3090	8.339	g	11:08	02/03/2012	7.0300	84.6
ESH	12A0893-09	1.308	g	18.712	g	04:23	02/03/2012	17.4040	16.666	g	11:08	02/03/2012	15.3580	88.2
ESH	12A0893-10	1.307	g	14.684	g	04:23	02/03/2012	13.3770	13.271	g	11:08	02/03/2012	11.9640	89.4
ESH	12A0893-11	1.306	g	14.736	g	04:23	02/03/2012	13.4300	13.180	g	11:08	02/03/2012	11.8740	88.4
ESH	12A0896-01	1.299	g	11.118	g	04:23	02/03/2012	9.8190	9.016	g	11:08	02/03/2012	7.7170	78.6
ESH	12A0898-01	1.292	g	14.833	g	04:24	02/03/2012	13.5410	12.540	g	11:09	02/03/2012	11.2480	83.1
ESH	12A0898-02	1.284	g	17.059	g	04:24	02/03/2012	15.7750	12.778	g	11:09	02/03/2012	11.4940	72.9
ESH	12A0898-03	1.29	g	10.028	g	04:24	02/03/2012	8.7380	8.326	g	11:09	02/03/2012	7.0360	80.5
ESH	12A0898-04	1.275	g	16.364	g	04:24	02/03/2012	15.0890	13.269	g	11:09	02/03/2012	11.9940	79.5
ESH	12A0898-05	1.273	g	10.532	g	04:24	02/03/2012	9.2590	8.588	g	11:09	02/03/2012	7.3150	79.0
ESH	12A0899-01	1.271	g	17.377	g	04:24	02/03/2012	16.1060	15.167	g	11:09	02/03/2012	13.8960	86.3
ESH	12A0899-02	1.278	g	14.069	g	04:24	02/03/2012	12.7910	12.101	g	11:10	02/03/2012	10.8230	84.6
ESH	12A0899-03	1.275	g	13.449	g	04:25	02/03/2012	12.1740	11.268	g	11:10	02/03/2012	9.9930	82.1
ESH	12A0899-04	1.274	g	15.37	g	04:25	02/03/2012	14.0960	12.845	g	11:10	02/03/2012	11.5710	82.1
ESH	12A0906-01	1.284	g	14.432	g	04:25	02/03/2012	13.1480	13.082	g	11:10	02/03/2012	11.7980	89.7
ESH	12A0906-03	1.287	g	17.381	g	04:25	02/03/2012	16.0940	15.693	g	11:10	02/03/2012	14.4060	89.5

	CONTEST LABORATORY						PERCENT SOLIDS							
ESH	12A0906-05	1.295	g	18.05	g	04:25	02/03/2012	10.7570	16.417	g	11:11	02/03/2012	15.1240	90.3
ESH	12A0906-07	1.287	g	13.345	g	04:25	02/03/2012	12.0580	12.157	g	11:11	02/03/2012	10.8700	90.1
ESH	12A0910-01	1.29	g	14.34	g	04:25	02/03/2012	13.0500	13.405	g	11:11	02/03/2012	12.1150	92.8
ESH	12A0910-02	1.292	g	15.197	g	04:26	02/03/2012	13.9050	13.863	g	11:11	02/03/2012	12.5710	90.4
ESH	12A0910-03	1.29	g	14.372	g	04:26	02/03/2012	13.0820	11.468	g	11:11	02/03/2012	10.1780	77.8
ESH	12A0910-04	1.292	g	10.849	g	04:26	02/03/2012	9.5570	9.937	g	11:11	02/03/2012	8.6450	90.5
ESH	12A0910-05	1.293	g	13.675	g	04:26	02/03/2012	12.3820	12.248	g	11:11	02/03/2012	10.9550	88.5
ESH	12A0922-01	1.29	g	14.007	g	04:26	02/03/2012	12.7170	12.030	g	11:12	02/03/2012	10.7400	84.5
ESH	12A0922-02	1.289	g	18.646	g	04:26	02/03/2012	17.3570	15.851	g	11:12	02/03/2012	14.5620	83.9
ESH	12A0922-03	1.28	g	12.839	g	04:26	02/03/2012	11.5590	10.898	g	11:12	02/03/2012	9.6180	83.2
ESH	12A0922-04	1.276	g	12.287	g	04:26	02/03/2012	11.0110	10.397	g	11:12	02/03/2012	9.1210	82.8
ESH	12A0957-01	1.276	g	9.517	g	04:27	02/03/2012	8.2410	3.311	g	11:12	02/03/2012	2.0350	24.7
ESH	12A0957-02	1.275	g	10.848	g	04:27	02/03/2012	9.5730	3.717	g	11:12	02/03/2012	2.4420	25.5
ESH	12A0957-03	1.28	g	11.05	g	04:27	02/03/2012	9.7700	8.086	g	11:12	02/03/2012	6.8060	69.7
ESH	12B0034-01	1.3	g	12.882	g	04:27	02/03/2012	11.5820	11.779	g	11:13	02/03/2012	10.4790	90.5
ESH	DUP5-12A0893-04	1.295	g	12.096	g	04:27	02/03/2012	10.8010	10.779	g	11:13	02/03/2012	9.4840	87.8
ESH	DUP6-12A0893-11	1.29	g	14.718	g	04:27	02/03/2012	13.4280	13.119	g	11:13	02/03/2012	11.8290	88.1
ESH	DUP7-12A0893-04	1.292	g	16.676	g	04:27	02/03/2012	15.3840	13.440	g	11:13	02/03/2012	12.1480	79.0
			g		g			0.0000		g			0.0000	######