284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

VOLATILE ORGANICS
SEMI-VOLATILE ORGANICS

PROJECT NAME : ANN

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1762

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1762

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : G Environmental

Project Location : NJ

Project Number : - ANN

Laboratory Sample ID(s) : Q1762

Sampling Date(s) : 4/09/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,8270E,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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Cover Page

Order ID : Q1762

Project ID : ANN

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1762-01	MW4
Q1762-02	MW5

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 11:28 am, Apr 21, 2025

Date: 4/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: ANN
Project # N/A
Chemtech Project # Q1762
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
2 Water samples were received on 04/09/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82X040225W.M) for t-1,3dichloropropene is passing on Linear Regression.
The Continuous Calibration File ID VX045712.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.
.
The Tuning criteria met requirements.
Sample MW4 was diluted due to high concentration.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

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Trip Blank was not provided with this set of samples.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 11:28 am, Apr 21, 2025

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CASE NARRATIVE

G Environmental
Project Name: ANN
Project # N/A
Chemtech Project # Q1762
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
2 Water samples were received on 04/09/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD for {PB167564BSD} with File ID: BP024323.D met criteria except for Benzo(g,h,i)perylene[24%], Di-n-octyl phthalate[23%], due to difference in results of MS and MSD.

The Blank Spike for {PB167564BS} with File ID: BP024322.D met requirements for all samples except for 2,4-Dimethylphenol[137%], 3,3-Dichlorobenzidine[56%], 3-Nitroaniline[54%], 4-Chloroaniline[35%], these compounds did not meet the NJDKQP criteria but met the in-house criteria and Hexachlorocyclopentadiene[170%], this compound did not meet the NJDKQP criteria and in-house criteria but The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Blank Spike Duplicate for {PB167564BSD} with File ID: BP024323.D met requirements for all samples except for 3,3-Dichlorobenzidine[63%], 3-Nitroaniline[61%], 4-Chloroaniline[40%], these compounds did not meet the NJDKQP criteria but met the in-house criteria, and 2,4-Dimethylphenol[143%],

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Hexachlorocyclopentadiene[170%], Atrazine[136%], these compounds did not meet the NJDKQP criteria and in-house criteria, but The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID BP024304.D met the requirements except for Atrazine and Benzaldehyde , The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Continuous Calibration File ID BP024320.D met the requirements except for Benzaldehyde, is marginally but The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature____ ***APPROVED***
By Nimisha Pandya, QA/QC Supervisor at 11:28 am, Apr 21, 2025

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908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1762

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 04/19/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1762

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW4**								
Q1762-01	MW4	Water	Acetone		10.4	J	1.50	25.0	ug/L
Q1762-01	MW4	Water	Cyclohexane		96.3		1.50	5.00	ug/L
Q1762-01	MW4	Water	Methylcyclohexane		430	E	0.16	5.00	ug/L
Q1762-01	MW4	Water	Benzene		1.60	J	0.15	5.00	ug/L
Q1762-01	MW4	Water	Toluene		0.98	J	0.14	5.00	ug/L
Q1762-01	MW4	Water	Ethyl Benzene		9.80		0.13	5.00	ug/L
Q1762-01	MW4	Water	m/p-Xylenes		1.50	J	0.24	10.0	ug/L
Q1762-01	MW4	Water	o-Xylene		0.52	J	0.12	5.00	ug/L
Q1762-01	MW4	Water	Isopropylbenzene		19.5		0.12	5.00	ug/L
			Total Voc :		571				
Q1762-01	MW4	Water	Naphthalene, 1-methyl-	*	73.3	J	0	0	ug/L
Q1762-01	MW4	Water	Pentane, 3-methyl-	*	97.0	J	0	0	ug/L
Q1762-01	MW4	Water	Cyclopentane, methyl-	*	86.4	J	0	0	ug/L
Q1762-01	MW4	Water	Pentane, 2-methyl-	*	150	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 2-propenyl-	*	150	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 1,2,3,5-tetramethyl-	*	140	J	0	0	ug/L
Q1762-01	MW4	Water	Hexane, 3-methyl-	*	93.3	J	0	0	ug/L
Q1762-01	MW4	Water	Indan, 1-methyl-	*	130	J	0	0	ug/L
Q1762-01	MW4	Water	Isopropylcyclobutane	*	140	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	240	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 2-butenyl-	*	210	J	0	0	ug/L
Q1762-01	MW4	Water	Cyclopentane, 1,3-dimethyl-	*	92.4	J	0	0	ug/L
Q1762-01	MW4	Water	Cyclopentane, 1,3-dimethyl-, ci	*	120	J	0	0	ug/L
Q1762-01	MW4	Water	2-Hexene, 2-methyl-	*	82.5	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 1-ethenyl-4-ethyl-	*	96.8	J	0	0	ug/L
Q1762-01	MW4	Water	n-propylbenzene	*	77.4	J	0.13	5.00	ug/L
Q1762-01	MW4	Water	tert-Butylbenzene	*	2.70	J	0.14	5.00	ug/L
Q1762-01	MW4	Water	sec-Butylbenzene	*	21.2	J	0.13	5.00	ug/L
Q1762-01	MW4	Water	p-Isopropyltoluene	*	2.80	J	0.13	5.00	ug/L
Q1762-01	MW4	Water	n-Butylbenzene	*	46.4	J	0.15	5.00	ug/L
Q1762-01	MW4	Water	Naphthalene	*	2.80	J	0.20	5.00	ug/L
			Total Tics :		2060				
			Total Concentration:		2630				
Client ID:	**MW4DL**								
Q1762-01DL	MW4DL	Water	Acetone		19.0	JD	7.60	130	ug/L
Q1762-01DL	MW4DL	Water	Cyclohexane		110	D	7.30	25.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q1762

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q1762-01DL	MW4DL	Water	Methylcyclohexane		450	D	0.80	25.0	ug/L
Q1762-01DL	MW4DL	Water	Ethyl Benzene		12.1	JD	0.65	25.0	ug/L
Q1762-01DL	MW4DL	Water	Isopropylbenzene		24.6	JD	0.60	25.0	ug/L
			Total Voc :		616				
			Total Concentration:		616				
Client ID:	**MW5**								
Q1762-02	MW5	Water	Acetone		56.1		1.50	25.0	ug/L
Q1762-02	MW5	Water	Cyclohexane		61.9		1.50	5.00	ug/L
Q1762-02	MW5	Water	Methylcyclohexane		74.4		0.16	5.00	ug/L
Q1762-02	MW5	Water	Benzene		14.4		0.15	5.00	ug/L
Q1762-02	MW5	Water	Toluene		2.40	J	0.14	5.00	ug/L
Q1762-02	MW5	Water	Ethyl Benzene		2.00	J	0.13	5.00	ug/L
Q1762-02	MW5	Water	m/p-Xylenes		3.80	J	0.24	10.0	ug/L
Q1762-02	MW5	Water	o-Xylene		1.40	J	0.12	5.00	ug/L
Q1762-02	MW5	Water	Isopropylbenzene		27.8		0.12	5.00	ug/L
			Total Voc :		244				
Q1762-02	MW5	Water	Butane, 2-methyl-	*	140	J	0	0	ug/L
Q1762-02	MW5	Water	Pentane, 3-methyl-	*	230	J	0	0	ug/L
Q1762-02	MW5	Water	Cyclopentane, methyl-	*	390	J	0	0	ug/L
Q1762-02	MW5	Water	Pentane, 2-methyl-	*	160	J	0	0	ug/L
Q1762-02	MW5	Water	Pentane	*	64.6	J	0	0	ug/L
Q1762-02	MW5	Water	Naphthalene, 1,6-dimethyl-	*	79.0	J	0	0	ug/L
Q1762-02	MW5	Water	Naphthalene, 2,3-dimethyl-	*	92.2	J	0	0	ug/L
Q1762-02	MW5	Water	Hexane, 3-methyl-	*	96.4	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 1-ethenyl-2-methyl-	*	110	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	91.4	J	0	0	ug/L
Q1762-02	MW5	Water	Cyclopentene, 4-methyl-	*	66.0	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 2-ethenyl-1,3-dimethy	*	150	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 1-ethenyl-3-ethyl-	*	73.8	J	0	0	ug/L
Q1762-02	MW5	Water	n-propylbenzene	*	55.2	J	0.13	5.00	ug/L
Q1762-02	MW5	Water	tert-Butylbenzene	*	1.30	J	0.14	5.00	ug/L
Q1762-02	MW5	Water	1,2,4-Trimethylbenzene	*	0.44	J	0.14	5.00	ug/L
Q1762-02	MW5	Water	sec-Butylbenzene	*	8.20	J	0.13	5.00	ug/L
Q1762-02	MW5	Water	n-Butylbenzene	*	12.8	J	0.15	5.00	ug/L
			Total Tics :		1820				
			Total Concentration:		2070				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4	SDG No.:	Q1762
Lab Sample ID:	Q1762-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045681.D	1		04/09/25 17:16	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	10.4	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	96.3		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	430	E	0.16	5.00	ug/L
71-43-2	Benzene	1.60	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.98	J	0.14	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4	SDG No.:	Q1762
Lab Sample ID:	Q1762-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045681.D	1		04/09/25 17:16	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	9.80		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	1.50	J	0.24	10.0	ug/L
95-47-6	o-Xylene	0.52	J	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	19.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	52.3		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.4		70 (77) - 130 (121)	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	73100	5.55			
540-36-3	1,4-Difluorobenzene	135000	6.757			
3114-55-4	Chlorobenzene-d5	125000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58200	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4	SDG No.:	Q1762
Lab Sample ID:	Q1762-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045681.D	1		04/09/25 17:16	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	150	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	97.0	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	86.4	J		4.29	ug/L
000589-34-4	Hexane, 3-methyl-	93.3	J		5.82	ug/L
002532-58-3	Cyclopentane, 1,3-dimethyl-, cis-	120	J		6.15	ug/L
002453-00-1	Cyclopentane, 1,3-dimethyl-	92.4	J		6.25	ug/L
000872-56-0	Isopropylcyclobutane	140	J		6.35	ug/L
002738-19-4	2-Hexene, 2-methyl-	82.5	J		6.84	ug/L
103-65-1	n-propylbenzene	77.4	J		11.3	ug/L
98-06-6	tert-Butylbenzene	2.70	J		11.7	ug/L
135-98-8	sec-Butylbenzene	21.2	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	2.80	J		12.0	ug/L
000300-57-2	Benzene, 2-propenyl-	150	J		12.2	ug/L
104-51-8	n-Butylbenzene	46.4	J		12.3	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	240	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	130	J		12.7	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	140	J		12.9	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	96.8	J		13.2	ug/L
001560-06-1	Benzene, 2-butenyl-	210	J		13.3	ug/L
91-20-3	Naphthalene	2.80	J		13.8	ug/L
000090-12-0	Naphthalene, 1-methyl-	73.3	J		14.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4DL	SDG No.:	Q1762
Lab Sample ID:	Q1762-01DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045717.D	5		04/11/25 05:32	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	UD	1.10	25.0	ug/L
74-87-3	Chloromethane	1.60	UD	1.60	25.0	ug/L
75-01-4	Vinyl Chloride	1.30	UD	1.30	25.0	ug/L
74-83-9	Bromomethane	7.20	UD	7.20	25.0	ug/L
75-00-3	Chloroethane	2.40	UD	2.40	25.0	ug/L
75-69-4	Trichlorofluoromethane	1.70	UD	1.70	25.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UD	1.30	25.0	ug/L
75-35-4	1,1-Dichloroethene	1.20	UD	1.20	25.0	ug/L
67-64-1	Acetone	19.0	JD	7.60	130	ug/L
75-15-0	Carbon Disulfide	1.10	UD	1.10	25.0	ug/L
1634-04-4	Methyl tert-butyl Ether	0.80	UD	0.80	25.0	ug/L
79-20-9	Methyl Acetate	1.40	UD	1.40	25.0	ug/L
75-09-2	Methylene Chloride	1.40	UD	1.40	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	1.20	UD	1.20	25.0	ug/L
75-34-3	1,1-Dichloroethane	1.20	UD	1.20	25.0	ug/L
110-82-7	Cyclohexane	110	D	7.30	25.0	ug/L
78-93-3	2-Butanone	4.90	UD	4.90	130	ug/L
56-23-5	Carbon Tetrachloride	1.30	UD	1.30	25.0	ug/L
156-59-2	cis-1,2-Dichloroethene	0.95	UD	0.95	25.0	ug/L
74-97-5	Bromochloromethane	1.10	UD	1.10	25.0	ug/L
67-66-3	Chloroform	1.30	UD	1.30	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	UD	1.00	25.0	ug/L
108-87-2	Methylcyclohexane	450	D	0.80	25.0	ug/L
71-43-2	Benzene	0.75	UD	0.75	25.0	ug/L
107-06-2	1,2-Dichloroethane	1.10	UD	1.10	25.0	ug/L
79-01-6	Trichloroethene	0.47	UD	0.47	25.0	ug/L
78-87-5	1,2-Dichloropropane	1.00	UD	1.00	25.0	ug/L
75-27-4	Bromodichloromethane	1.10	UD	1.10	25.0	ug/L
108-10-1	4-Methyl-2-Pentanone	3.40	UD	3.40	130	ug/L
108-88-3	Toluene	0.70	UD	0.70	25.0	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4DL	SDG No.:	Q1762
Lab Sample ID:	Q1762-01DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045717.D	5		04/11/25 05:32	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.85	UD	0.85	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.80	UD	0.80	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	1.10	UD	1.10	25.0	ug/L
591-78-6	2-Hexanone	4.50	UD	4.50	130	ug/L
124-48-1	Dibromochloromethane	0.90	UD	0.90	25.0	ug/L
106-93-4	1,2-Dibromoethane	0.75	UD	0.75	25.0	ug/L
127-18-4	Tetrachloroethene	1.20	UD	1.20	25.0	ug/L
108-90-7	Chlorobenzene	0.60	UD	0.60	25.0	ug/L
100-41-4	Ethyl Benzene	12.1	JD	0.65	25.0	ug/L
179601-23-1	m/p-Xylenes	1.20	UD	1.20	50.0	ug/L
95-47-6	o-Xylene	0.60	UD	0.60	25.0	ug/L
100-42-5	Styrene	0.75	UD	0.75	25.0	ug/L
75-25-2	Bromoform	0.95	UD	0.95	25.0	ug/L
98-82-8	Isopropylbenzene	24.6	JD	0.60	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.30	UD	1.30	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	0.80	UD	0.80	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	0.95	UD	0.95	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	0.80	UD	0.80	25.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	UD	2.70	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	UD	1.00	25.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	UD	1.00	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	63400	5.55			
540-36-3	1,4-Difluorobenzene	123000	6.757			
3114-55-4	Chlorobenzene-d5	112000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	47700	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4DL	SDG No.:	Q1762
Lab Sample ID:	Q1762-01DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045717.D	5		04/11/25 05:32	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045682.D	1		04/09/25 17:39	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	56.1		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	61.9		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	74.4		0.16	5.00	ug/L
71-43-2	Benzene	14.4		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	2.40	J	0.14	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045682.D	1		04/09/25 17:39	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	2.00	J	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	3.80	J	0.24	10.0	ug/L
95-47-6	o-Xylene	1.40	J	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	27.8		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.8		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.9		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.9		70 (77) - 130 (121)	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	66100	5.544			
540-36-3	1,4-Difluorobenzene	130000	6.757			
3114-55-4	Chlorobenzene-d5	121000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55100	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045682.D	1		04/09/25 17:39	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000078-78-4	Butane, 2-methyl-	140	J		1.73	ug/L
000109-66-0	Pentane	64.6	J		1.94	ug/L
000107-83-5	Pentane, 2-methyl-	160	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	230	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	390	J		4.29	ug/L
001759-81-5	Cyclopentene, 4-methyl-	66.0	J		5.18	ug/L
000589-34-4	Hexane, 3-methyl-	96.4	J		5.82	ug/L
103-65-1	n-propylbenzene	55.2	J		11.3	ug/L
98-06-6	tert-Butylbenzene	1.30	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.44	J		11.8	ug/L
135-98-8	sec-Butylbenzene	8.20	J		11.9	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	110	J		12.2	ug/L
104-51-8	n-Butylbenzene	12.8	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	91.4	J		12.6	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	73.8	J		12.7	ug/L
002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	150	J		13.3	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	79.0	J		15.5	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	92.2	J		15.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1762-01	MW4	1,2-Dichloroethane-d4	50	50.0	100	70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102	70 (75)	130 (124)
		Toluene-d8	50	52.3	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.4	115	70 (77)	130 (121)
Q1762-01DL	MW4DL	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	50.2	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.2	104	70 (77)	130 (121)
Q1762-02	MW5	1,2-Dichloroethane-d4	50	52.8	106	70 (74)	130 (125)
		Dibromofluoromethane	50	50.6	101	70 (75)	130 (124)
		Toluene-d8	50	50.9	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.9	114	70 (77)	130 (121)
VX0410WBL02	VX0410WBL02	1,2-Dichloroethane-d4	50	53.1	106	70 (74)	130 (125)
		Dibromofluoromethane	50	51.7	103	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.1	106	70 (77)	130 (121)
VX0410WBS02	VX0410WBS02	1,2-Dichloroethane-d4	50	54.4	109	70 (74)	130 (125)
		Dibromofluoromethane	50	53.5	107	70 (75)	130 (124)
		Toluene-d8	50	52.8	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.3	111	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VX0409WBL01	VX0409WBL01	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	51.3	103	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.9	100	70 (77)	130 (121)
VX0409WBS01	VX0409WBS01	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	54.5	109	70 (75)	130 (124)
		Toluene-d8	50	53.1	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105	70 (77)	130 (121)
VX0409WBSD0	VX0409WBSD01	1,2-Dichloroethane-d4	50	54.1	108	70 (74)	130 (125)
		Dibromofluoromethane	50	53.8	108	70 (75)	130 (124)
		Toluene-d8	50	53.1	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.3	109	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045667.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0409WBS01	Dichlorodifluoromethane	20	20.1	ug/L	101			40 (69)	160 (116)	
	Chloromethane	20	18.7	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	18.5	ug/L	93			70 (65)	130 (117)	
	Bromomethane	20	18.2	ug/L	91			40 (58)	160 (125)	
	Chloroethane	20	20.4	ug/L	102			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.7	ug/L	99			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	Acetone	100	93.3	ug/L	93			40 (60)	160 (125)	
	Carbon disulfide	20	16.5	ug/L	83			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.3	ug/L	97			70 (78)	130 (114)	
	Methyl Acetate	20	20.2	ug/L	101			70 (67)	130 (125)	
	Methylene Chloride	20	18.3	ug/L	92			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.4	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.1	ug/L	96			70 (78)	130 (112)	
	Cyclohexane	20	18.5	ug/L	93			70 (75)	130 (110)	
	2-Butanone	100	94.6	ug/L	95			40 (65)	160 (122)	
	Carbon Tetrachloride	20	20.1	ug/L	101			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	19.8	ug/L	99			70 (70)	130 (124)	
	Chloroform	20	19.3	ug/L	97			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.2	ug/L	96			70 (80)	130 (108)	
	Methylcyclohexane	20	19.5	ug/L	98			70 (72)	130 (115)	
	Benzene	20	19.3	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.4	ug/L	102			70 (80)	130 (115)	
	Trichloroethene	20	19.2	ug/L	96			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.6	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	19.6	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.3	ug/L	97			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.7	ug/L	94			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.9	ug/L	100			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	19.8	ug/L	99			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.8	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	20.9	ug/L	104			70 (67)	130 (123)	
	Chlorobenzene	20	20.3	ug/L	102			70 (82)	130 (109)	
	Ethyl Benzene	20	20.0	ug/L	100			70 (83)	130 (109)	
	m/p-Xylenes	40	40.5	ug/L	101			70 (82)	130 (110)	
	o-Xylene	20	20.2	ug/L	101			70 (83)	130 (109)	
	Styrene	20	20.3	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	19.5	ug/L	98			70 (79)	130 (109)	
	Isopropylbenzene	20	20.3	ug/L	102			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.9	ug/L	100			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.9	ug/L	100			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	20.6	ug/L	103			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045667.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0409WBS01	1,2-Dibromo-3-Chloropropane	20	20.4	ug/L	102			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.7	ug/L	99			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045668.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0409WBSD01	Dichlorodifluoromethane	20	21.0	ug/L	105	4		40 (69)	160 (116)	20 (20)
	Chloromethane	20	19.1	ug/L	96	2		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	18.9	ug/L	95	2		70 (65)	130 (117)	20 (20)
	Bromomethane	20	19.2	ug/L	96	5		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.9	ug/L	104	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	21.1	ug/L	106	7		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	21.6	ug/L	108	6		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	19.2	ug/L	96	4		70 (74)	130 (110)	20 (20)
	Acetone	100	100	ug/L	100	7		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.4	ug/L	87	5		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.1	ug/L	106	9		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	22.1	ug/L	111	9		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.0	ug/L	100	8		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.9	ug/L	100	8		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	20.1	ug/L	101	5		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	19.6	ug/L	98	5		70 (75)	130 (110)	20 (20)
	2-Butanone	100	100	ug/L	100	5		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	21.2	ug/L	106	5		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.7	ug/L	99	6		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	22.3	ug/L	112	12		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.8	ug/L	104	7		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.3	ug/L	102	6		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	20.9	ug/L	104	6		70 (72)	130 (115)	20 (20)
	Benzene	20	20.4	ug/L	102	5		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	21.5	ug/L	108	6		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.4	ug/L	102	6		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	20.8	ug/L	104	6		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	21.0	ug/L	105	7		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		40 (74)	160 (118)	20 (20)
	Toluene	20	20.3	ug/L	102	5		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	19.3	ug/L	97	3		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.8	ug/L	109	7		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.0	ug/L	105	5		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	21.1	ug/L	106	7		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.9	ug/L	104	5		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	22.0	ug/L	110	6		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.9	ug/L	104	2		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	20.9	ug/L	104	4		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	42.3	ug/L	106	5		70 (82)	130 (110)	20 (20)
	o-Xylene	20	20.7	ug/L	104	3		70 (83)	130 (109)	20 (20)
	Styrene	20	21.2	ug/L	106	4		70 (80)	130 (111)	20 (20)
	Bromoform	20	20.2	ug/L	101	3		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.7	ug/L	104	2		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	20.5	ug/L	103	3		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.5	ug/L	103	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.2	ug/L	101	1		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	21.2	ug/L	106	3		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045668.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0409WBSD01	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104	2		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	20.7	ug/L	104	8		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102	3		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VX045715.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0410WBS02	Dichlorodifluoromethane	20	20.2	ug/L	101			40 (69)	160 (116)	
	Chloromethane	20	20.1	ug/L	101			40 (65)	160 (116)	
	Vinyl chloride	20	20.0	ug/L	100			70 (65)	130 (117)	
	Bromomethane	20	19.1	ug/L	96			40 (58)	160 (125)	
	Chloroethane	20	22.1	ug/L	111			40 (56)	160 (128)	
	Trichlorofluoromethane	20	20.8	ug/L	104			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/L	99			70 (80)	130 (112)	
	1,1-Dichloroethene	20	20.1	ug/L	101			70 (74)	130 (110)	
	Acetone	100	110	ug/L	110			40 (60)	160 (125)	
	Carbon disulfide	20	16.5	ug/L	83			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.6	ug/L	108			70 (78)	130 (114)	
	Methyl Acetate	20	25.0	ug/L	125			70 (67)	130 (125)	
	Methylene Chloride	20	20.5	ug/L	103			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.9	ug/L	100			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.7	ug/L	104			70 (78)	130 (112)	
	Cyclohexane	20	19.3	ug/L	97			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	21.1	ug/L	106			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.2	ug/L	101			70 (77)	130 (110)	
	Bromochloromethane	20	21.8	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	21.5	ug/L	108			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	21.0	ug/L	105			70 (80)	130 (108)	
	Methylcyclohexane	20	18.6	ug/L	93			70 (72)	130 (115)	
	Benzene	20	20.2	ug/L	101			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.8	ug/L	109			70 (80)	130 (115)	
	Trichloroethene	20	20.6	ug/L	103			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.4	ug/L	102			70 (83)	130 (111)	
	Bromodichloromethane	20	20.8	ug/L	104			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.6	ug/L	103			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.2	ug/L	91			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.6	ug/L	98			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.9	ug/L	110			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	20.9	ug/L	104			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.5	ug/L	108			70 (81)	130 (110)	
	Tetrachloroethene	20	20.0	ug/L	100			70 (67)	130 (123)	
	Chlorobenzene	20	20.7	ug/L	104			70 (82)	130 (109)	
	Ethyl Benzene	20	20.6	ug/L	103			70 (83)	130 (109)	
	m/p-Xylenes	40	40.9	ug/L	102			70 (82)	130 (110)	
	o-Xylene	20	20.6	ug/L	103			70 (83)	130 (109)	
	Styrene	20	21.3	ug/L	106			70 (80)	130 (111)	
	Bromoform	20	19.9	ug/L	100			70 (79)	130 (109)	
	Isopropylbenzene	20	20.5	ug/L	103			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.8	ug/L	104			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.4	ug/L	102			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.3	ug/L	102			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	21.0	ug/L	105			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VX045715.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0410WBS02	1,2-Dibromo-3-Chloropropane	20	22.5	ug/L	113			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.6	ug/L	98			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	20.1	ug/L	101			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0409WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045666.D Lab Sample ID: VX0409WBL01

Date Analyzed: 04/09/2025 Time Analyzed: 11:26

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0409WBS01	VX0409WBS01	VX045667.D	04/09/2025
VX0409WBSD01	VX0409WBSD01	VX045668.D	04/09/2025
MW4	Q1762-01	VX045681.D	04/09/2025
MW5	Q1762-02	VX045682.D	04/09/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0410WBL02

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045714.D Lab Sample ID: VX0410WBL02

Date Analyzed: 04/11/2025 Time Analyzed: 03:59

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0410WBS02	VX0410WBS02	VX045715.D	04/11/2025
MW4DL	Q1762-01DL	VX045717.D	04/11/2025

COMMENTS:

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045524.D BFB Injection Date: 04/01/2025

Instrument ID: MSVOA_X BFB Injection Time: 16:15

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	58.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX045525.D	04/01/2025	17:06
VSTDICC005	VSTDICC005	VX045526.D	04/01/2025	17:29
VSTDICC020	VSTDICC020	VX045527.D	04/01/2025	17:52
VSTDICCC050	VSTDICCC050	VX045528.D	04/01/2025	18:15
VSTDICC100	VSTDICC100	VX045529.D	04/01/2025	18:38
VSTDICC150	VSTDICC150	VX045530.D	04/01/2025	19:02

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045663.D BFB Injection Date: 04/09/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:38

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.2
75	30.0 - 60.0% of mass 95	59.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	67.4
175	5.0 - 9.0% of mass 174	5.1 (7.5) 1
176	95.0 - 101.0% of mass 174	66.1 (98) 1
177	5.0 - 9.0% of mass 176	4.4 (6.7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045664.D	04/09/2025	10:35
VX0409WBL01	VX0409WBL01	VX045666.D	04/09/2025	11:26
VX0409WBS01	VX0409WBS01	VX045667.D	04/09/2025	11:49
VX0409WBSD01	VX0409WBSD01	VX045668.D	04/09/2025	12:14
MW4	Q1762-01	VX045681.D	04/09/2025	17:16
MW5	Q1762-02	VX045682.D	04/09/2025	17:39

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045711.D BFB Injection Date: 04/11/2025

Instrument ID: MSVOA_X BFB Injection Time: 02:10

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.9
75	30.0 - 60.0% of mass 95	59
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1 (1.5) 1
174	50.0 - 100.0% of mass 95	66.5
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.2 (97.9) 1
177	5.0 - 9.0% of mass 176	4 (6.2) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045712.D	04/11/2025	02:49
VX0410WBL02	VX0410WBL02	VX045714.D	04/11/2025	03:59
VX0410WBS02	VX0410WBS02	VX045715.D	04/11/2025	04:22
MW4DL	Q1762-01DL	VX045717.D	04/11/2025	05:32

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045664.D Date Analyzed: 04/09/2025

Instrument ID: MSVOA_X Time Analyzed: 10:35

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	98594	5.54	170453	6.75	147839	10.05
UPPER LIMIT	197188	6.044	340906	7.251	295678	10.549
LOWER LIMIT	49297	5.044	85226.5	6.251	73919.5	9.549
EPA SAMPLE NO.						
MW4	73129	5.55	135470	6.76	125359	10.05
MW5	66105	5.54	129673	6.76	121124	10.05
VX0409WBL01	69921	5.54	138334	6.76	127856	10.05
VX0409WBS01	94074	5.54	163361	6.76	141398	10.05
VX0409WBSD01	83922	5.54	147335	6.76	129399	10.05

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045664.D Date Analyzed: 04/09/2025

Instrument ID: MSVOA_X Time Analyzed: 10:35

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	71972	12.018				
UPPER LIMIT	143944	12.518				
LOWER LIMIT	35986	11.518				
EPA SAMPLE NO.						
MW4	58214	12.02				
MW5	55077	12.02				
VX0409WBL01	50474	12.02				
VX0409WBS01	64175	12.02				
VX0409WBSD01	60456	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045712.D Date Analyzed: 04/11/2025

Instrument ID: MSVOA_X Time Analyzed: 02:49

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	83221	5.54	146715	6.75	129670	10.05
UPPER LIMIT	166442	6.037	293430	7.251	259340	10.549
LOWER LIMIT	41610.5	5.037	73357.5	6.251	64835	9.549
EPA SAMPLE NO.						
MW4DL	63356	5.55	122653	6.76	112188	10.06
VX0410WBL02	68793	5.54	134259	6.76	125713	10.05
VX0410WBS02	87130	5.54	156738	6.76	139704	10.06

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045712.D Date Analyzed: 04/11/2025

Instrument ID: MSVOA_X Time Analyzed: 02:49

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	63235	12.018				
UPPER LIMIT	126470	12.518				
LOWER LIMIT	31617.5	11.518				
EPA SAMPLE NO.						
MW4DL	47681	12.02				
VX0410WBL02	55453	12.02				
VX0410WBS02	64250	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBL01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045666.D	1		04/09/25 11:26	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBL01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045666.D	1		04/09/25 11:26	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69900	5.544			
540-36-3	1,4-Difluorobenzene	138000	6.757			
3114-55-4	Chlorobenzene-d5	128000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	50500	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBL01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045666.D	1		04/09/25 11:26	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBL02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBL02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045714.D	1		04/11/25 03:59	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBL02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBL02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045714.D	1		04/11/25 03:59	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68800	5.544			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	126000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55500	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBL02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBL02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045714.D	1		04/11/25 03:59	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBS01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045667.D	1		04/09/25 11:49	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.1		0.22	1.00	ug/L
74-87-3	Chloromethane	18.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.5		0.26	1.00	ug/L
74-83-9	Bromomethane	18.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	93.3		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.2		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.5		1.50	5.00	ug/L
78-93-3	2-Butanone	94.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.5		0.16	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.3		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBS01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045667.D	1		04/09/25 11:49	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.3		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.5		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	20.3		0.15	1.00	ug/L
75-25-2	Bromoform	19.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.9		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94100	5.544			
540-36-3	1,4-Difluorobenzene	163000	6.757			
3114-55-4	Chlorobenzene-d5	141000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	64200	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBS01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045667.D	1		04/09/25 11:49	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBS02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBS02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045715.D	1		04/11/25 04:22	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.2		0.22	5.00	ug/L
74-87-3	Chloromethane	20.1		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	20.0		0.26	5.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
75-00-3	Chloroethane	22.1		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.8		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	20.1		0.23	5.00	ug/L
67-64-1	Acetone	110		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	16.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.6		0.16	5.00	ug/L
79-20-9	Methyl Acetate	25.0		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.5		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.23	5.00	ug/L
110-82-7	Cyclohexane	19.3		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	21.1		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.2		0.19	5.00	ug/L
74-97-5	Bromochloromethane	21.8		0.22	5.00	ug/L
67-66-3	Chloroform	21.5		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.0		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	5.00	ug/L
71-43-2	Benzene	20.2		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	21.8		0.22	5.00	ug/L
79-01-6	Trichloroethene	20.6		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	20.4		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	20.8		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	25.0	ug/L
108-88-3	Toluene	20.6		0.14	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBS02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBS02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045715.D	1		04/11/25 04:22	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.2		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.9		0.21	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	20.9		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	21.5		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	20.0		0.23	5.00	ug/L
108-90-7	Chlorobenzene	20.7		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	40.9		0.24	10.0	ug/L
95-47-6	o-Xylene	20.6		0.12	5.00	ug/L
100-42-5	Styrene	21.3		0.15	5.00	ug/L
75-25-2	Bromoform	19.9		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	20.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.8		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.4		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.3		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.0		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	22.5		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.6		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.1		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.4		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	52.8		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87100	5.544			
540-36-3	1,4-Difluorobenzene	157000	6.757			
3114-55-4	Chlorobenzene-d5	140000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	64300	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBS02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBS02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045715.D	1		04/11/25 04:22	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBSD01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045668.D	1		04/09/25 12:14	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.0		0.22	1.00	ug/L
74-87-3	Chloromethane	19.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	21.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.6		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.7		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.3		0.22	1.00	ug/L
67-66-3	Chloroform	20.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.9		0.16	1.00	ug/L
71-43-2	Benzene	20.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.8		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	21.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.3		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBSD01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045668.D	1		04/09/25 12:14	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	22.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	42.3		0.24	2.00	ug/L
95-47-6	o-Xylene	20.7		0.12	1.00	ug/L
100-42-5	Styrene	21.2		0.15	1.00	ug/L
75-25-2	Bromoform	20.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	83900	5.544			
540-36-3	1,4-Difluorobenzene	147000	6.757			
3114-55-4	Chlorobenzene-d5	129000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	60500	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBSD01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045668.D	1		04/09/25 12:14	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.1
Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.1
Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.4
Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.2
Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.3
Trichlorofluoromethane	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.2
1,1,2-Trichlorotrifluoroethane	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.7
1,1-Dichloroethene	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.5
Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.3
Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.2
Methyl tert-butyl Ether	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.2
Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.2
Methylene Chloride	0.692	0.695	0.726	0.709	0.705	0.690	0.703	2
trans-1,2-Dichloroethene	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.9
1,1-Dichloroethane	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3
Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4
2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.5
Carbon Tetrachloride	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.5
cis-1,2-Dichloroethene	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.4
Bromochloromethane	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.2
Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.6
1,1,1-Trichloroethane	1.028	1.052	1.120	1.109	1.153	1.167	1.105	5
Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.8
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8
1,2-Dichloroethane	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.7
Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.7
1,2-Dichloropropane	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.8
Bromodichloromethane	0.521	0.519	0.576	0.572	0.587	0.583	0.560	5.6
4-Methyl-2-Pentanone	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.6
Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.3
cis-1,3-Dichloropropene	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.9
1,1,2-Trichloroethane	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.1
2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.1
Dibromochloromethane	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.1
1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.1
Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.5
Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.8
Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.9
m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.9
o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.2
Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.8
Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.1
Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.2
1,1,2,2-Tetrachloroethane	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.4
1,3-Dichlorobenzene	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.7
1,4-Dichlorobenzene	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.1
1,2-Dichlorobenzene	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.3
1,2-Dibromo-3-Chloropropane	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.4
1,2,4-Trichlorobenzene	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.1
1,2,3-Trichlorobenzene	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.6
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/09/2025 10:35

Lab File ID: VX045664.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.814		8.82	20
Chloromethane	0.768	0.744	0.1	-3.13	20
Vinyl Chloride	0.703	0.690		-1.85	20
Bromomethane	0.333	0.317		-4.8	20
Chloroethane	0.373	0.395		5.9	20
Trichlorofluoromethane	1.048	1.090		4.01	20
1,1,2-Trichlorotrifluoroethane	0.614	0.649		5.7	20
1,1-Dichloroethene	0.600	0.586		-2.33	20
Acetone	0.375	0.349		-6.93	20
Carbon Disulfide	1.483	1.375		-7.28	20
Methyl tert-butyl Ether	2.100	2.157		2.71	20
Methyl Acetate	0.864	0.925		7.06	20
Methylene Chloride	0.703	0.685		-2.56	20
trans-1,2-Dichloroethene	0.613	0.609		-0.65	20
1,1-Dichloroethane	1.269	1.251	0.1	-1.42	20
Cyclohexane	1.122	1.092		-2.67	20
2-Butanone	0.550	0.538		-2.18	20
Carbon Tetrachloride	0.518	0.553		6.76	20
cis-1,2-Dichloroethene	0.747	0.734		-1.74	20
Bromochloromethane	0.613	0.565		-7.83	20
Chloroform	1.306	1.317		0.84	20
1,1,1-Trichloroethane	1.105	1.107		0.18	20
Methylcyclohexane	0.587	0.631		7.5	20
Benzene	1.463	1.461		-0.14	20
1,2-Dichloroethane	0.604	0.626		3.64	20
Trichloroethene	0.348	0.351		0.86	20
1,2-Dichloropropane	0.365	0.373		2.19	20
Bromodichloromethane	0.560	0.583		4.11	20
4-Methyl-2-Pentanone	0.606	0.631		4.13	20
Toluene	0.885	0.899		1.58	20
t-1,3-Dichloropropene	0.467	0.527		12.85	20
cis-1,3-Dichloropropene	0.526	0.585		11.22	20
1,1,2-Trichloroethane	0.353	0.360		1.98	20
2-Hexanone	0.449	0.470		4.68	20
Dibromochloromethane	0.385	0.409		6.23	20
1,2-Dibromoethane	0.357	0.371		3.92	20
Tetrachloroethene	0.353	0.373		5.67	20
Chlorobenzene	1.068	1.118	0.3	4.68	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/09/2025 10:35

Lab File ID: VX045664.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.914	2.034		6.27	20
m/p-Xylenes	0.696	0.742		6.61	20
o-Xylene	0.686	0.716		4.37	20
Styrene	1.132	1.225		8.22	20
Bromoform	0.277	0.302	0.1	9.02	20
Isopropylbenzene	4.005	3.959		-1.15	20
1,1,2,2-Tetrachloroethane	1.407	1.337	0.3	-4.97	20
1,3-Dichlorobenzene	1.684	1.702		1.07	20
1,4-Dichlorobenzene	1.708	1.690		-1.05	20
1,2-Dichlorobenzene	1.675	1.704		1.73	20
1,2-Dibromo-3-Chloropropane	0.294	0.316		7.48	20
1,2,4-Trichlorobenzene	0.932	1.015		8.91	20
1,2,3-Trichlorobenzene	0.976	1.020		4.51	20
1,2-Dichloroethane-d4	0.914	0.945		3.39	20
Dibromofluoromethane	0.355	0.379		6.76	20
Toluene-d8	1.238	1.272		2.75	20
4-Bromofluorobenzene	0.451	0.501		11.09	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/11/2025 02:49

Lab File ID: VX045712.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.824		10.16	20
Chloromethane	0.768	0.794	0.1	3.38	20
Vinyl Chloride	0.703	0.722		2.7	20
Bromomethane	0.333	0.315		-5.41	20
Chloroethane	0.373	0.379		1.61	20
Trichlorofluoromethane	1.048	1.107		5.63	20
1,1,2-Trichlorotrifluoroethane	0.614	0.658		7.17	20
1,1-Dichloroethene	0.600	0.622		3.67	20
Acetone	0.375	0.419		11.73	20
Carbon Disulfide	1.483	1.296		-12.61	20
Methyl tert-butyl Ether	2.100	2.283		8.71	20
Methyl Acetate	0.864	1.041		20.49	20
Methylene Chloride	0.703	0.720		2.42	20
trans-1,2-Dichloroethene	0.613	0.616		0.49	20
1,1-Dichloroethane	1.269	1.319	0.1	3.94	20
Cyclohexane	1.122	1.140		1.6	20
2-Butanone	0.550	0.612		11.27	20
Carbon Tetrachloride	0.518	0.560		8.11	20
cis-1,2-Dichloroethene	0.747	0.764		2.28	20
Bromochloromethane	0.613	0.632		3.1	20
Chloroform	1.306	1.385		6.05	20
1,1,1-Trichloroethane	1.105	1.168		5.7	20
Methylcyclohexane	0.587	0.617		5.11	20
Benzene	1.463	1.499		2.46	20
1,2-Dichloroethane	0.604	0.659		9.11	20
Trichloroethene	0.348	0.358		2.87	20
1,2-Dichloropropane	0.365	0.387		6.03	20
Bromodichloromethane	0.560	0.604		7.86	20
4-Methyl-2-Pentanone	0.606	0.688		13.53	20
Toluene	0.885	0.931		5.2	20
t-1,3-Dichloropropene	0.467	0.497		6.42	20
cis-1,3-Dichloropropene	0.526	0.554		5.32	20
1,1,2-Trichloroethane	0.353	0.374		5.95	20
2-Hexanone	0.449	0.518		15.37	20
Dibromochloromethane	0.385	0.423		9.87	20
1,2-Dibromoethane	0.357	0.388		8.68	20
Tetrachloroethene	0.353	0.367		3.97	20
Chlorobenzene	1.068	1.145	0.3	7.21	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/11/2025 02:49

Lab File ID: VX045712.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.914	2.059		7.58	20
m/p-Xylenes	0.696	0.755		8.48	20
o-Xylene	0.686	0.742		8.16	20
Styrene	1.132	1.260		11.31	20
Bromoform	0.277	0.303	0.1	9.39	20
Isopropylbenzene	4.005	4.100		2.37	20
1,1,2,2-Tetrachloroethane	1.407	1.417	0.3	0.71	20
1,3-Dichlorobenzene	1.684	1.724		2.38	20
1,4-Dichlorobenzene	1.708	1.749		2.4	20
1,2-Dichlorobenzene	1.675	1.769		5.61	20
1,2-Dibromo-3-Chloropropane	0.294	0.328		11.56	20
1,2,4-Trichlorobenzene	0.932	1.018		9.23	20
1,2,3-Trichlorobenzene	0.976	1.064		9.02	20
1,2-Dichloroethane-d4	0.914	0.993		8.64	20
Dibromofluoromethane	0.355	0.391		10.14	20
Toluene-d8	1.238	1.319		6.54	20
4-Bromofluorobenzene	0.451	0.518		14.86	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Time: Apr 10 01:36:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

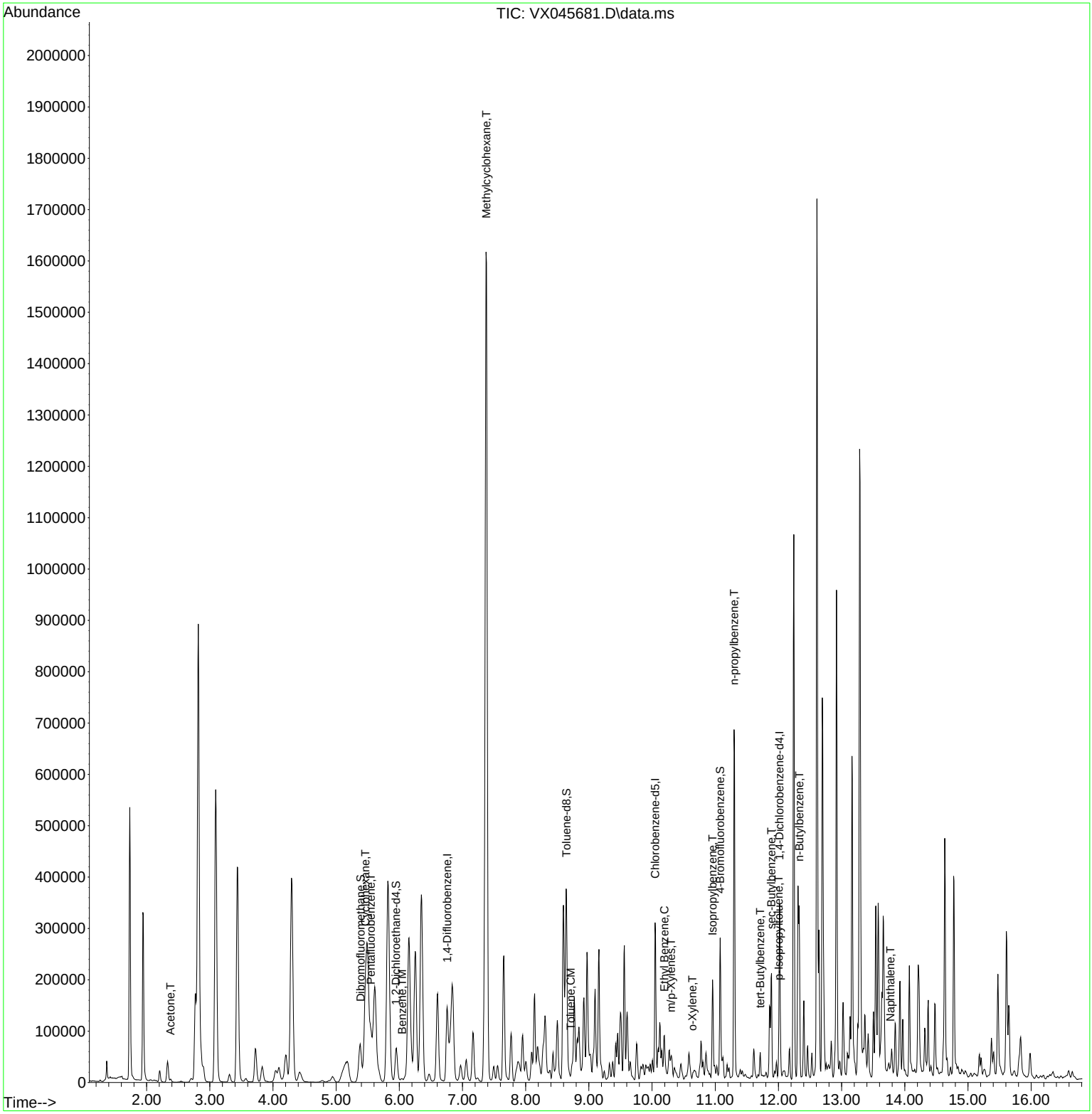
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	73129	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	135470	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	125359	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58214	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.946	65	66936	50.052	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.100%				
35) Dibromofluoromethane	5.385	113	48939	50.917	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.840%				
50) Toluene-d8	8.647	98	175427	52.291	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.580%				
62) 4-Bromofluorobenzene	11.079	95	70156	57.411	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.820%				
Target Compounds							Qvalue
16) Acetone	2.380	43	5690	10.361	ug/l		98
31) Cyclohexane	5.464	56	157999	96.311	ug/l	#	95
39) Methylcyclohexane	7.379	83	683265	429.512	ug/l		97
40) Benzene	6.044	78	6348	1.602	ug/l		96
52) Toluene	8.714	92	2340	0.976	ug/l	#	68
67) Ethyl Benzene	10.195	91	46826	9.760	ug/l		100
68) m/p-Xylenes	10.299	106	2692	1.543	ug/l		87
69) o-Xylene	10.640	106	887	0.516	ug/l		89
73) Isopropylbenzene	10.957	105	90832	19.479	ug/l		100
78) n-propylbenzene	11.299	91	415596	77.378	ug/l		100
83) tert-Butylbenzene	11.713	119	10259	2.687	ug/l		89
85) sec-Butylbenzene	11.890	105	99614	21.245	ug/l		98
86) p-Isopropyltoluene	12.006	119	10835	2.803	ug/l		93
89) n-Butylbenzene	12.329	91	155654	46.435	ug/l	#	80
95) Naphthalene	13.774	128	11315	2.801	ug/l	#	93

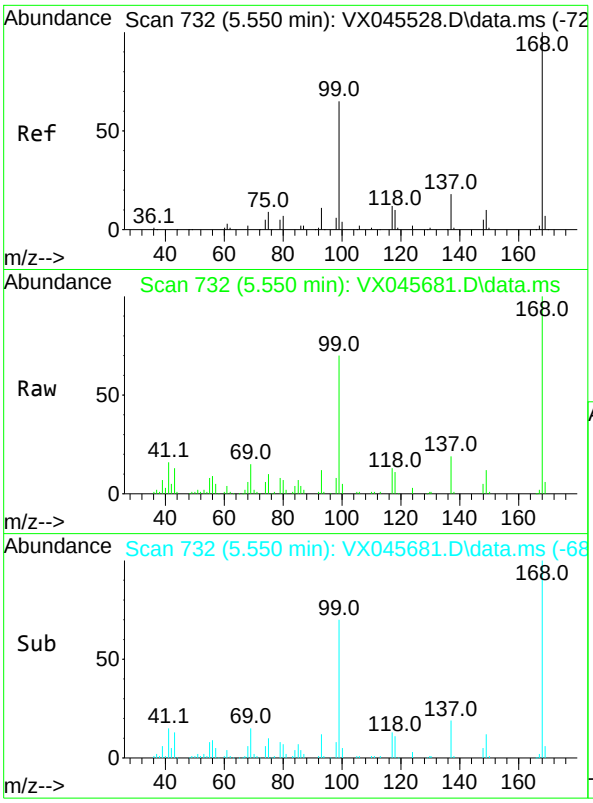
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Time: Apr 10 01:36:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



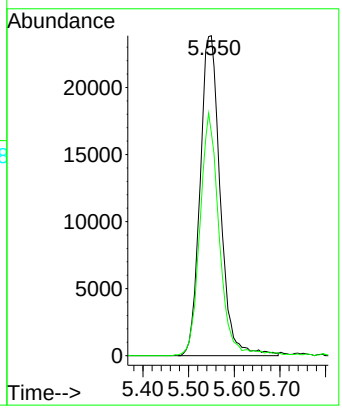


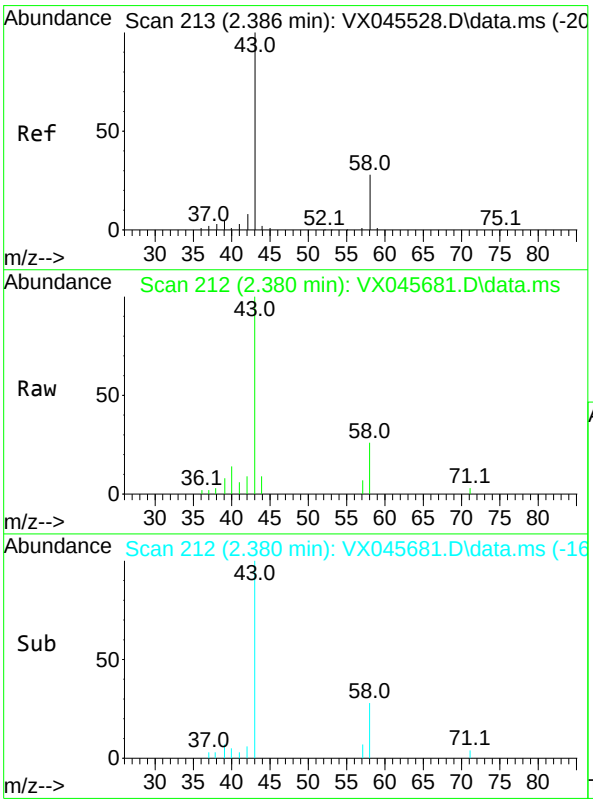
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:168 Resp: 73129

Ion	Ratio	Lower	Upper
168	100		
99	69.5	52.3	78.5

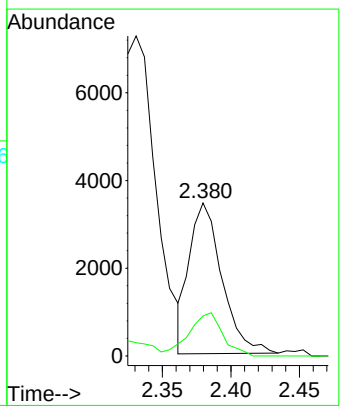




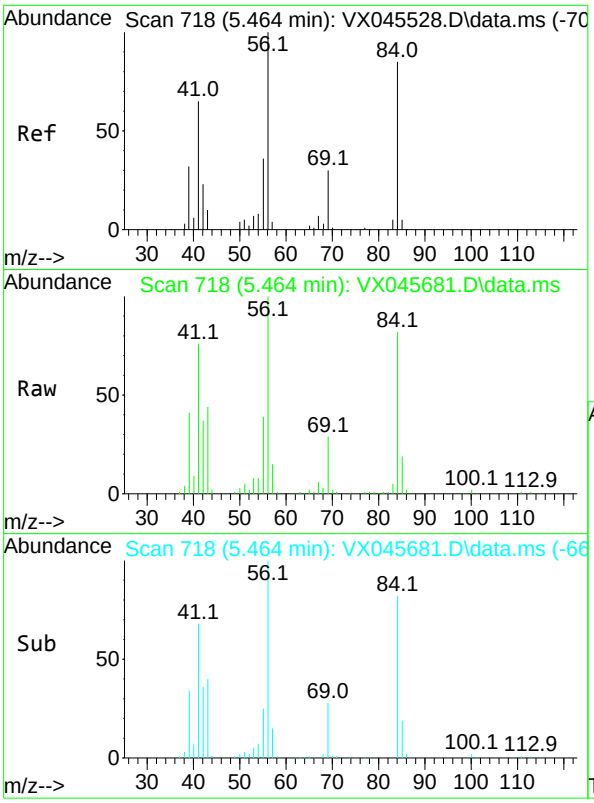
#16
Acetone
Concen: 10.361 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 43 Resp: 5690

Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.3	33.5



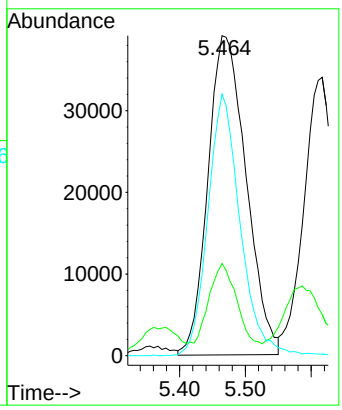
Instrument :
MSVOA_X
ClientSampleId :
MW4

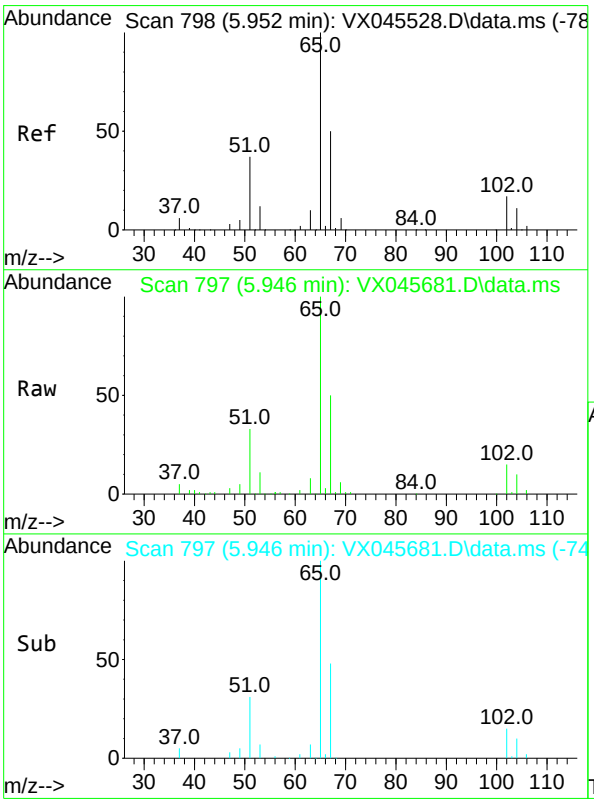


#31
Cyclohexane
Concen: 96.311 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 56 Resp: 157999

Ion	Ratio	Lower	Upper
56	100		
69	22.9	23.6	35.4#
84	82.7	67.7	101.5

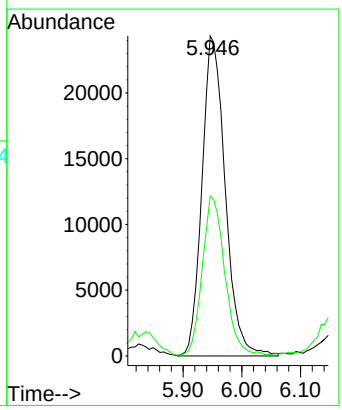


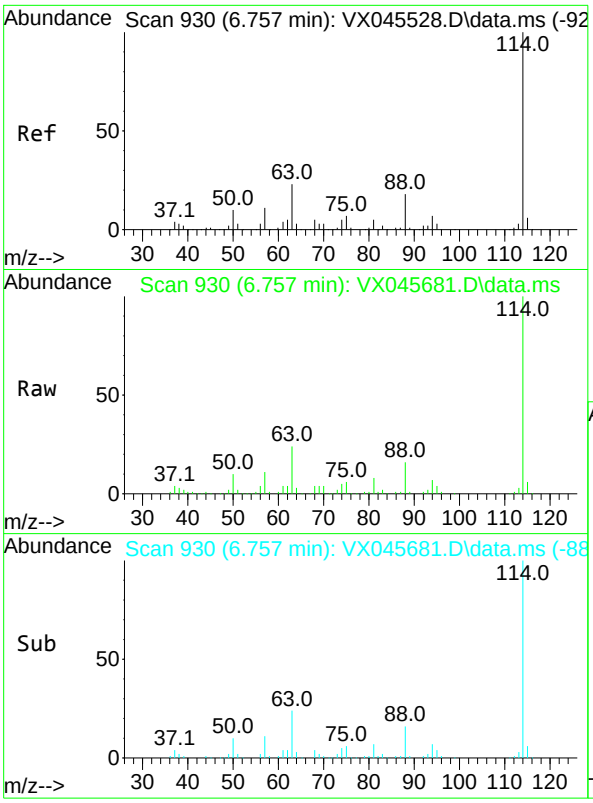


#33
1,2-Dichloroethane-d4
Concen: 50.052 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 65 Resp: 66936

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	99.0



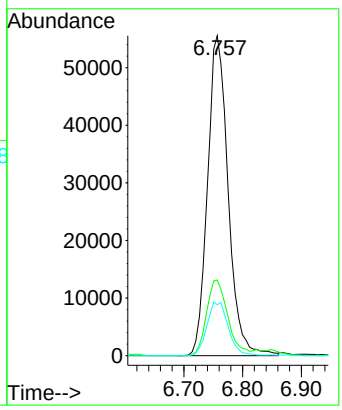


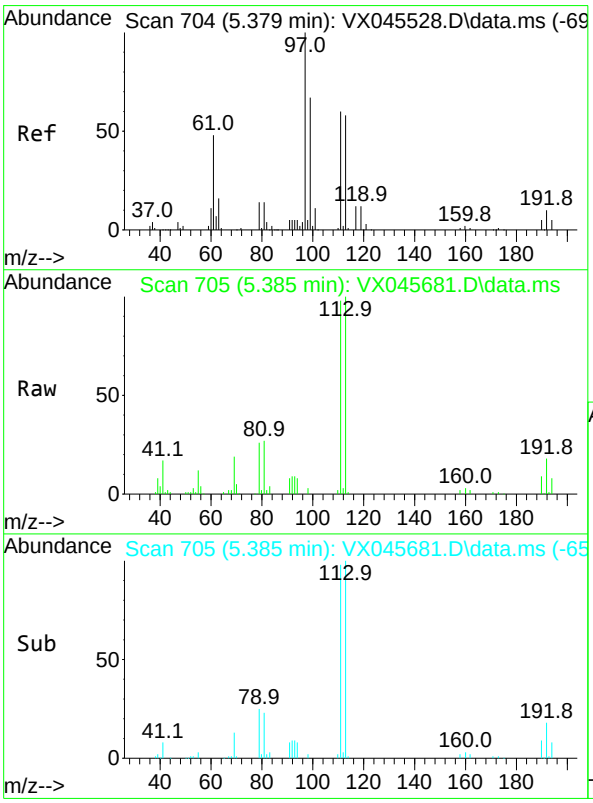
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:114 Resp: 135470

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	46.8
88	16.0	0.0	35.4

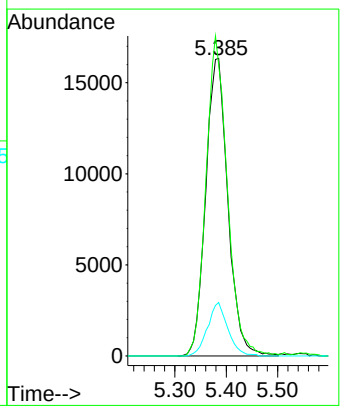




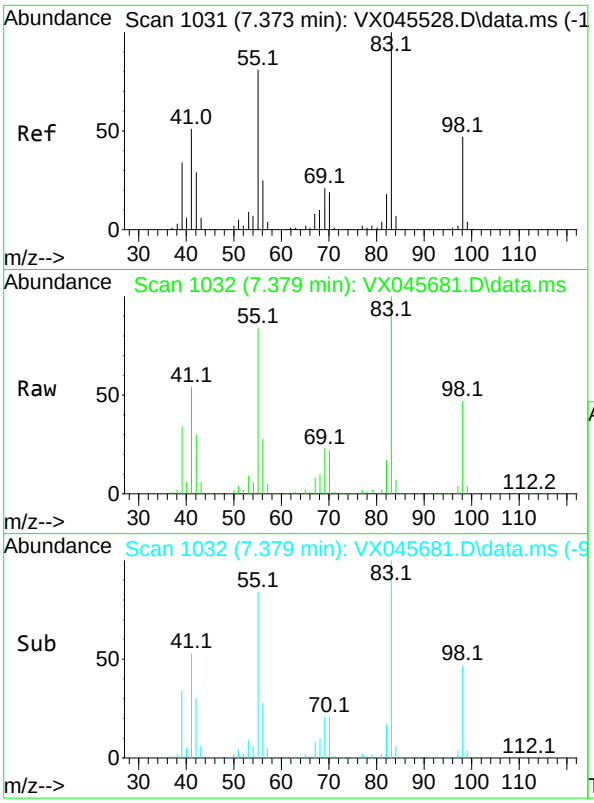
#35
Dibromofluoromethane
Concen: 50.917 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:113 Resp: 48939

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	16.5	13.8	20.6



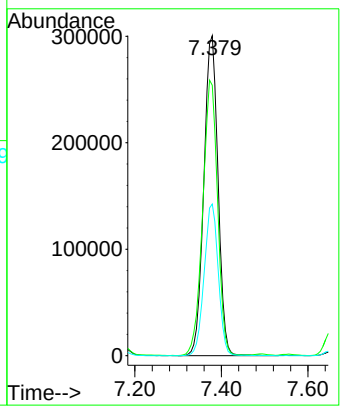
Instrument :
MSVOA_X
ClientSampleId :
MW4

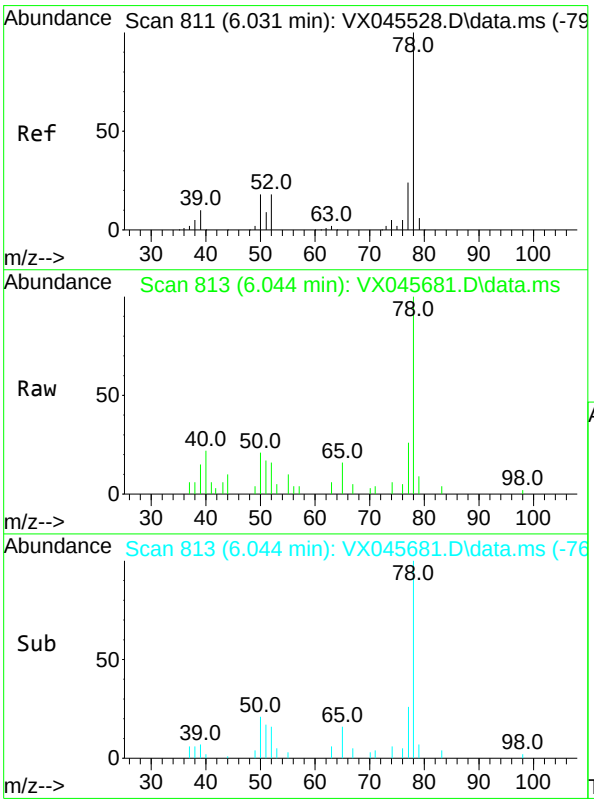


#39
Methylcyclohexane
Concen: 429.512 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 83 Resp: 683265

Ion	Ratio	Lower	Upper
83	100		
55	84.4	64.9	97.3
98	47.4	37.4	56.0

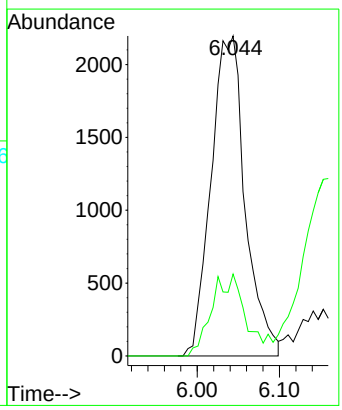




#40
Benzene
Concen: 1.602 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

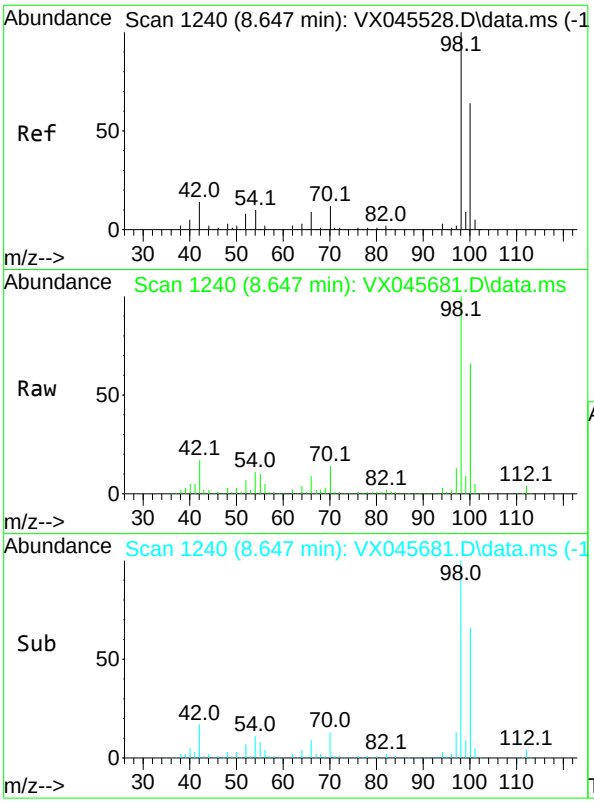
Tgt Ion: 78 Resp: 6348

Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.0	28.6



5

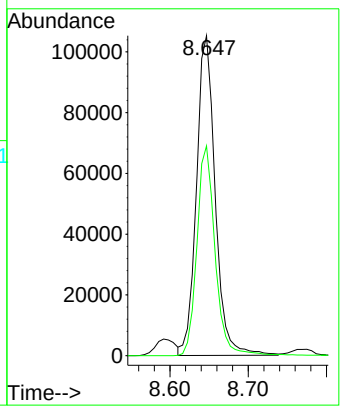
Instrument :
MSVOA_X
ClientSampleId :
MW4

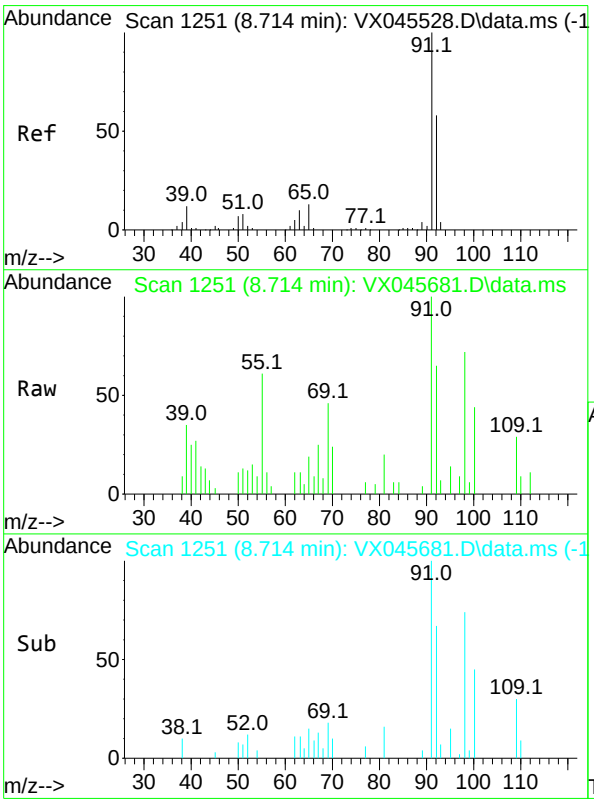


#50
Toluene-d8
Concen: 52.291 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 98 Resp: 175427

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.4

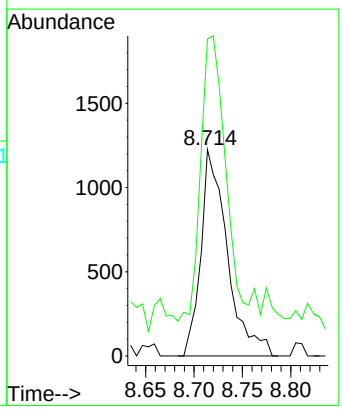


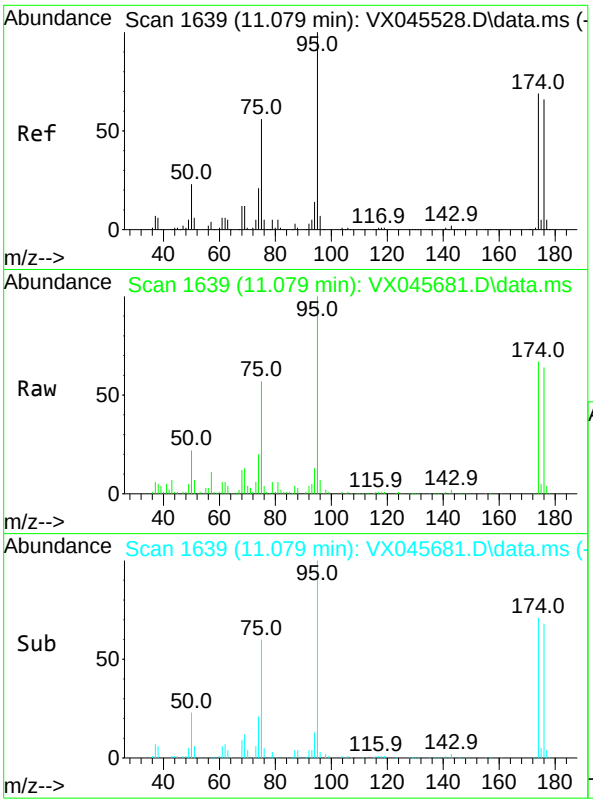


#52
Toluene
Concen: 0.976 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 92 Resp: 2340

Ion	Ratio	Lower	Upper
92	100		
91	128.4	138.7	208.1#



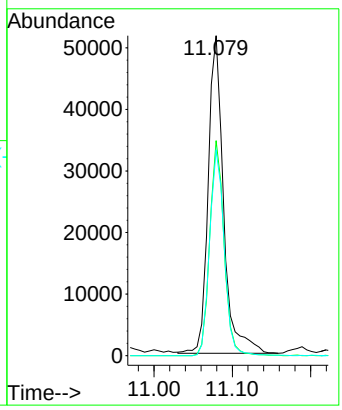


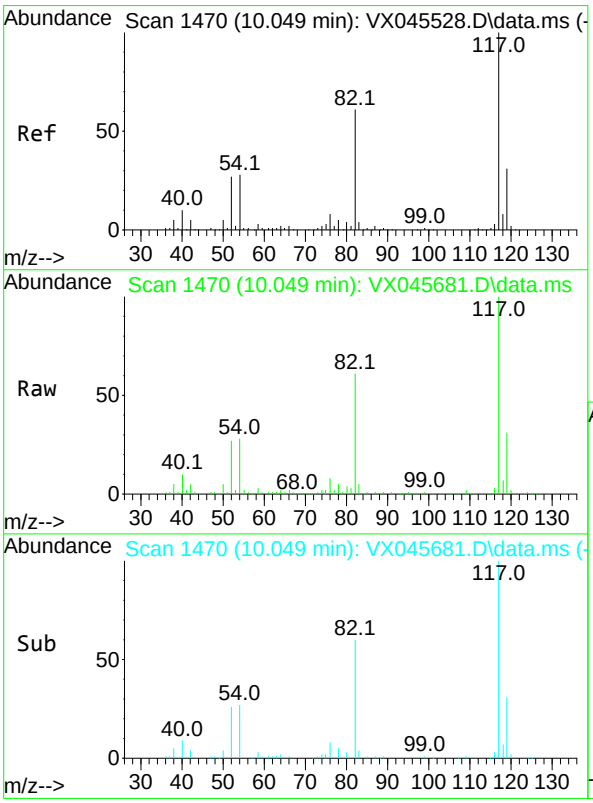
#62
4-Bromofluorobenzene
Concen: 57.411 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 95 Resp: 70156

Ion	Ratio	Lower	Upper
95	100		
174	62.7	0.0	135.8
176	61.6	0.0	131.4

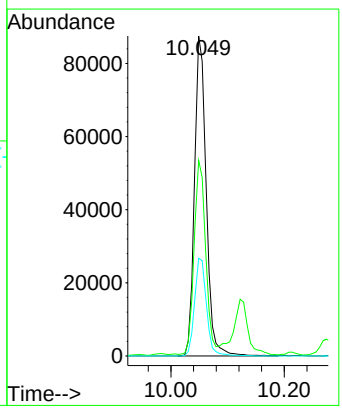


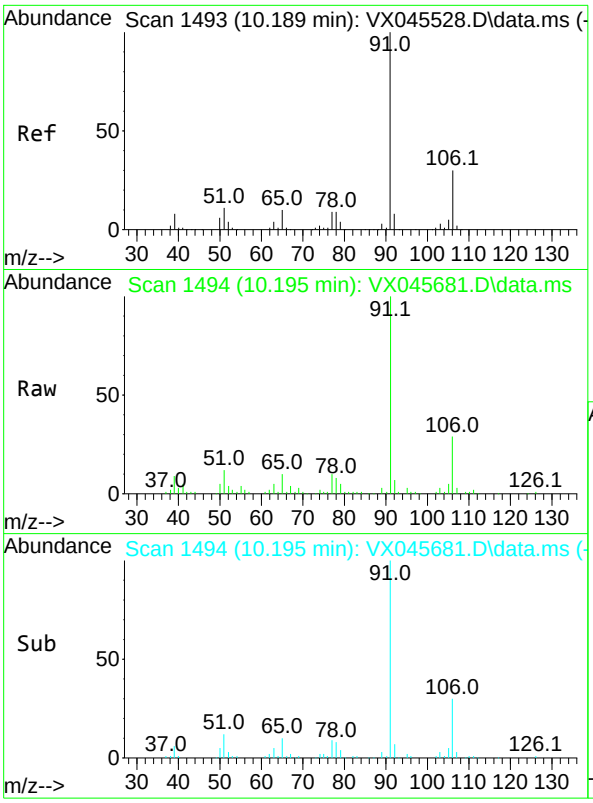


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:117 Resp: 125359

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	30.5	25.1	37.7



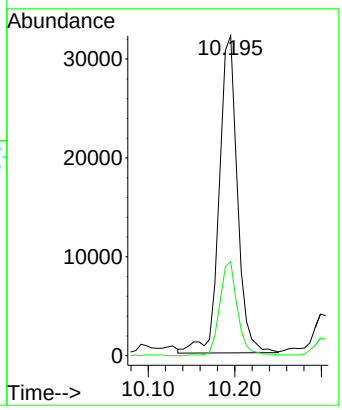


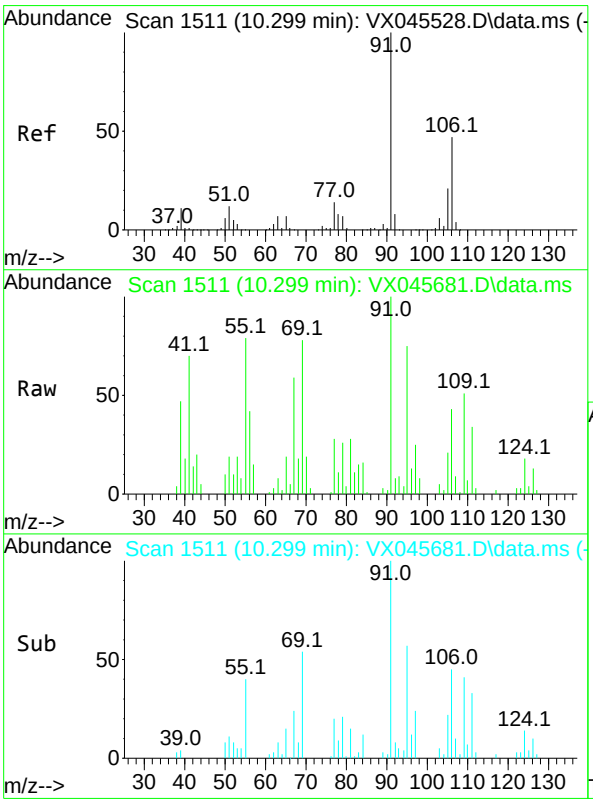
#67
Ethyl Benzene
Concen: 9.760 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 91 Resp: 46826

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.7	35.5

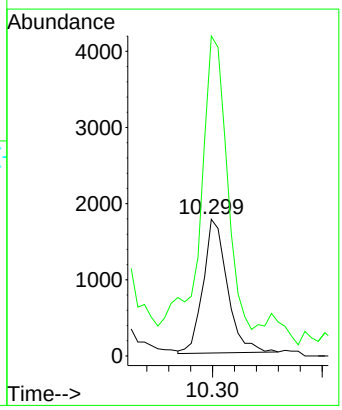


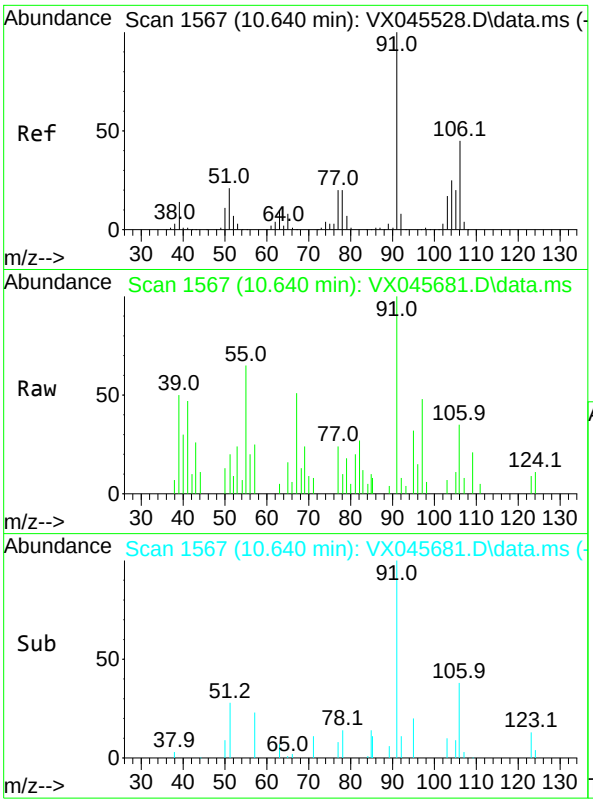


#68
m/p-Xylenes
Concen: 1.543 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:106 Resp: 2692

Ion	Ratio	Lower	Upper
106	100		
91	236.0	172.6	258.8



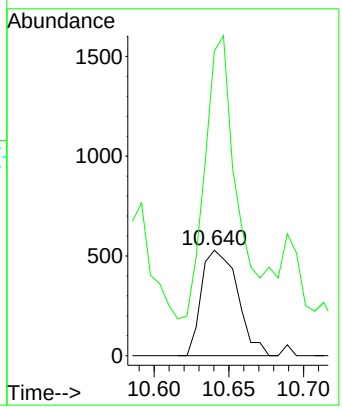


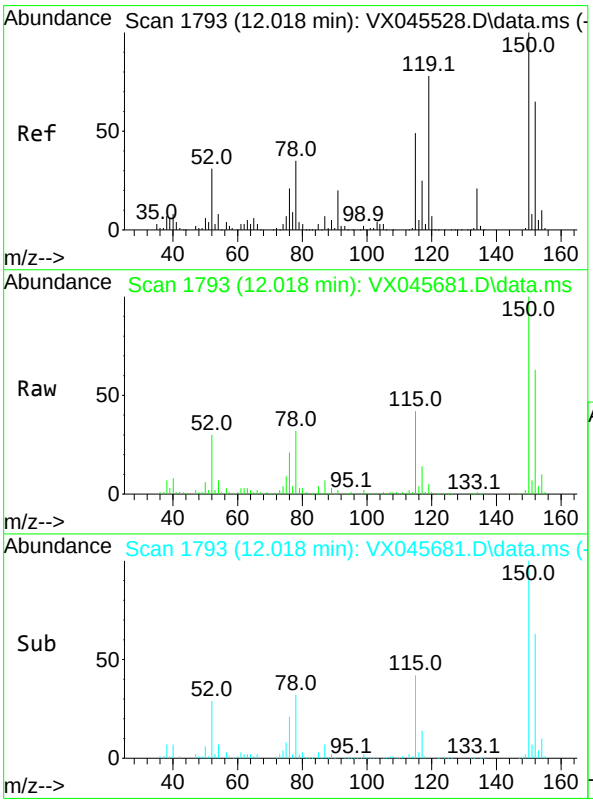
#69
o-Xylene
Concen: 0.516 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:106 Resp: 887

Ion	Ratio	Lower	Upper
106	100		
91	245.3	113.6	340.6

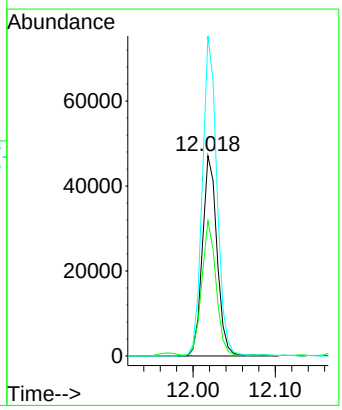




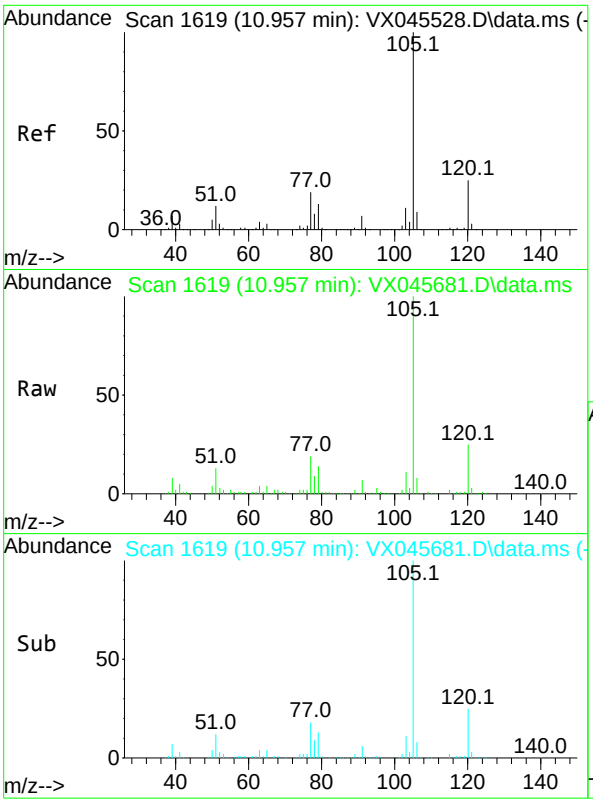
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:152 Resp: 58214

Ion	Ratio	Lower	Upper
152	100		
115	65.4	46.9	140.7
150	158.8	0.0	349.4



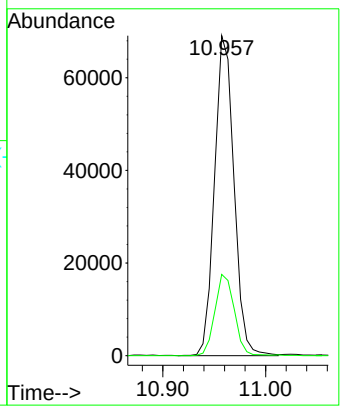
Instrument :
MSVOA_X
ClientSampleId :
MW4

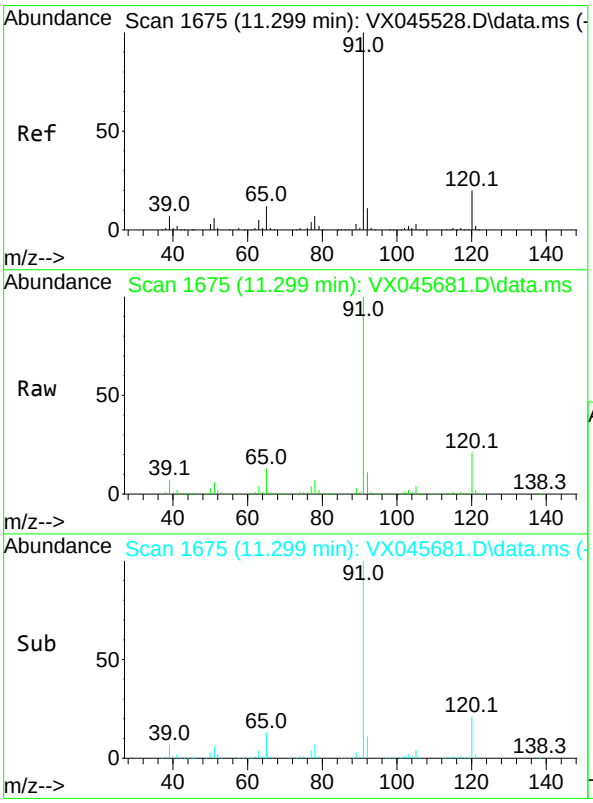


#73
Isopropylbenzene
Concen: 19.479 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:105 Resp: 90832

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.7	38.0

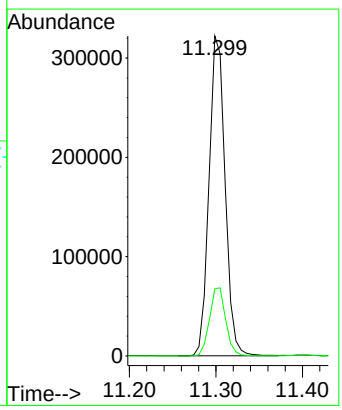




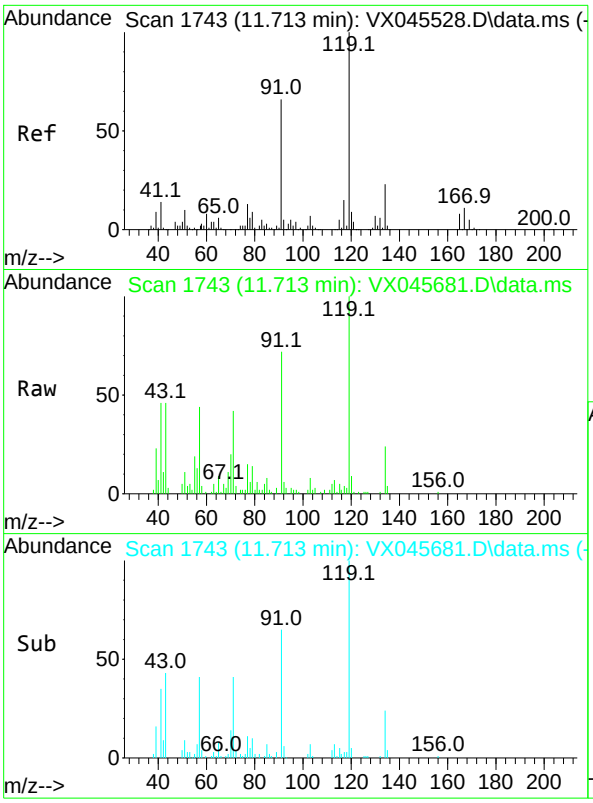
#78
n-propylbenzene
Concen: 77.378 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 91 Resp: 415596

Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3



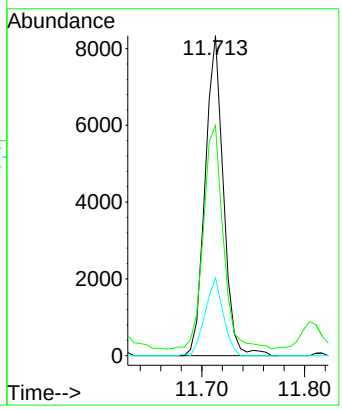
Instrument :
MSVOA_X
ClientSampleId :
MW4

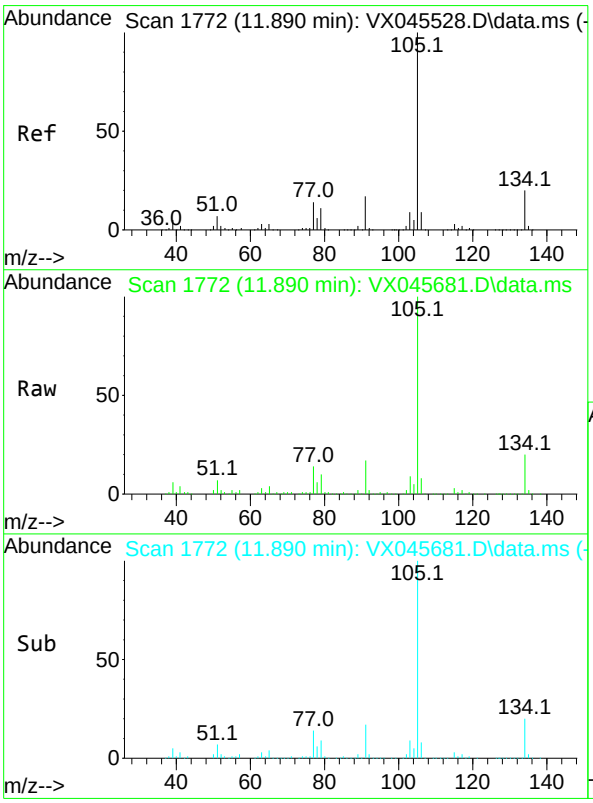


#83
tert-Butylbenzene
Concen: 2.687 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:119 Resp: 10259

Ion	Ratio	Lower	Upper
119	100		
91	76.3	32.4	97.2
134	24.3	11.5	34.5

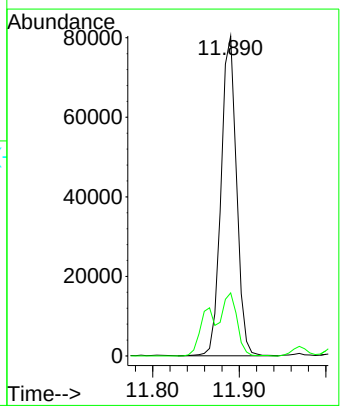




#85
sec-Butylbenzene
Concen: 21.245 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

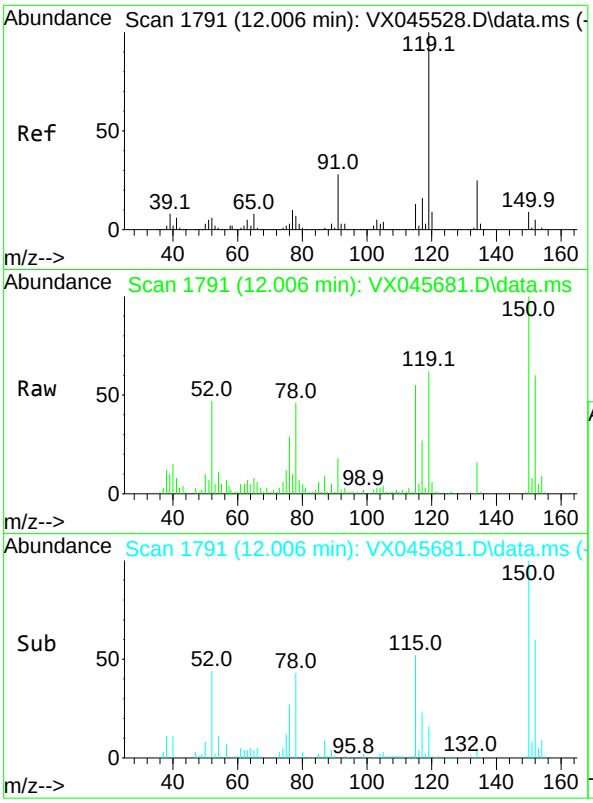
Tgt Ion:105 Resp: 99614

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.6	28.6



5

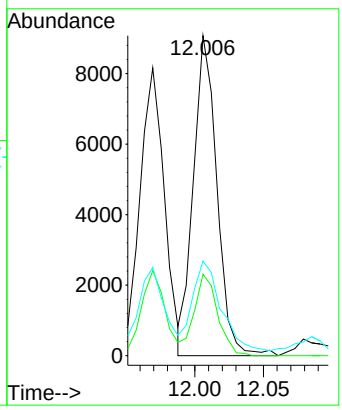
Instrument :
MSVOA_X
ClientSampleId :
MW4

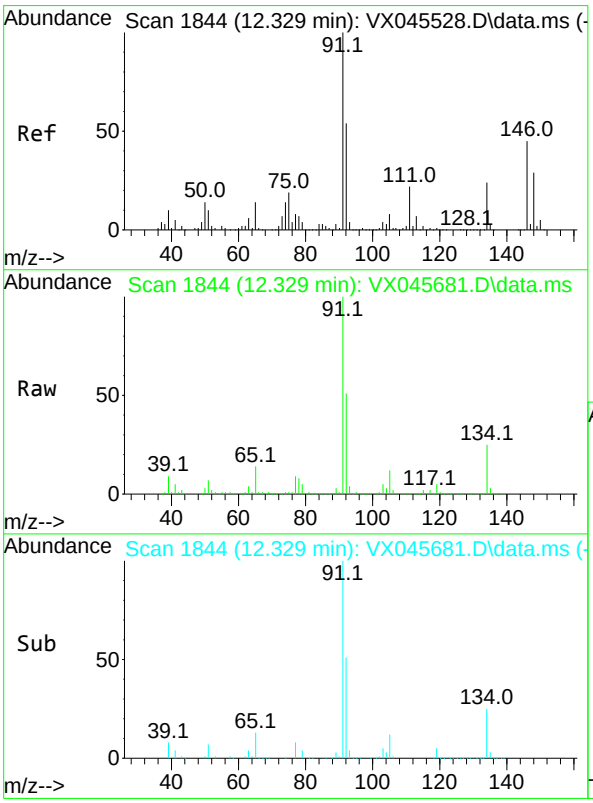


#86
p-Isopropyltoluene
Concen: 2.803 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:119 Resp: 10835

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	33.8	13.7	41.1

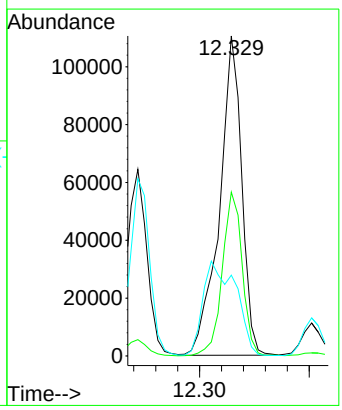


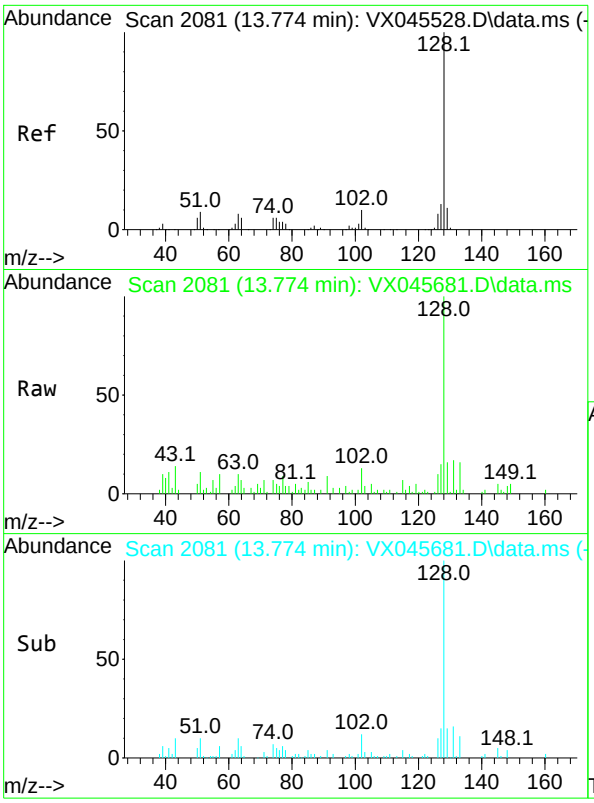


#89
n-Butylbenzene
Concen: 46.435 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 91 Resp: 155654

Ion	Ratio	Lower	Upper
91	100		
92	45.9	26.9	80.6
134	44.0	11.9	35.7#



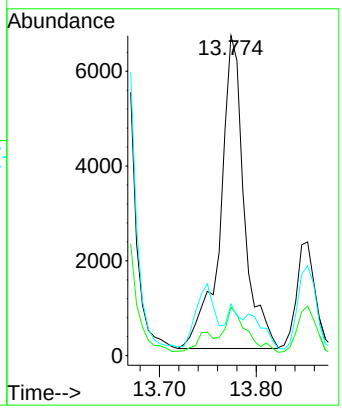


#95
Naphthalene
Concen: 2.801 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion:128 Resp: 11315

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	15.6	8.6	12.8#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.733	100	106	122	rVB	530924	725404	18.60%	1.585%
2	1.941	135	140	154	rVB	327637	479386	12.29%	1.047%
3	2.331	196	204	210	rBV	40293	80191	2.06%	0.175%
4	2.776	269	277	278	rVV	172061	309735	7.94%	0.677%
5	2.819	278	284	309	rVB	891856	2023462	51.89%	4.420%
6	3.093	318	329	349	rBV	569689	1282766	32.90%	2.802%
7	3.434	375	385	401	rBV	418592	962777	24.69%	2.103%
8	3.721	424	432	441	rBV	64431	153621	3.94%	0.336%
9	4.202	502	511	517	rVV2	52423	159935	4.10%	0.349%
10	4.294	517	526	539	rVV	396953	1142571	29.30%	2.496%
11	5.166	647	669	670	rBV6	39933	180692	4.63%	0.395%
12	5.379	690	704	710	rBV3	74078	236966	6.08%	0.518%
13	5.489	710	722	735	rVV5	270419	1405541	36.04%	3.070%
14	5.611	736	742	763	rVB3	184073	661099	16.95%	1.444%
15	5.818	764	776	790	rBV3	389939	1233350	31.63%	2.694%
16	5.952	790	798	808	rVB2	61914	158652	4.07%	0.347%
17	6.153	816	831	840	rBV2	275981	889028	22.80%	1.942%
18	6.251	840	847	855	rVV	249662	693189	17.78%	1.514%
19	6.348	855	863	876	rVB	362500	1040120	26.67%	2.272%
20	6.604	892	905	918	rBV2	170237	429593	11.02%	0.938%
21	6.757	921	930	935	rBV	144143	375272	9.62%	0.820%
22	6.836	936	943	957	rVB3	186886	619278	15.88%	1.353%
23	7.062	972	980	989	rVB	41014	95838	2.46%	0.209%
24	7.165	989	997	1005	rBV3	93484	213906	5.49%	0.467%
25	7.373	1018	1031	1044	rBV	1615336	3899457	100.00%	8.518%
26	7.653	1070	1077	1090	rBV	242927	496117	12.72%	1.084%
27	7.769	1090	1096	1104	rVB	92720	187531	4.81%	0.410%
28	7.879	1104	1114	1121	rBV6	38031	153213	3.93%	0.335%
29	7.952	1121	1126	1131	rVV	71080	121814	3.12%	0.266%
30	8.092	1143	1149	1152	rBV2	54578	98590	2.53%	0.215%
31	8.141	1152	1157	1161	rVV	145907	234328	6.01%	0.512%
32	8.190	1161	1165	1174	rVB4	52468	126404	3.24%	0.276%
33	8.305	1174	1184	1194	rBV5	113050	318591	8.17%	0.696%
34	8.433	1200	1205	1209	rBV	49848	84361	2.16%	0.184%
35	8.500	1211	1216	1225	rVB3	113088	228087	5.85%	0.498%
36	8.598	1225	1232	1235	rBV2	337812	619524	15.89%	1.353%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

37	8.641	1235	1239	1250	rVB2	364846	714829	18.33%	1.561%
38	8.769	1250	1260	1264	rBV	153879	305061	7.82%	0.666%
39	8.842	1269	1272	1278	rVB2	84698	135734	3.48%	0.296%
40	8.921	1278	1285	1289	rBV2	141770	250470	6.42%	0.547%
41	8.970	1289	1293	1299	rBV	204070	312464	8.01%	0.683%
42	9.098	1306	1314	1319	rBV2	161141	303530	7.78%	0.663%
43	9.159	1319	1324	1334	rVB2	250349	440153	11.29%	0.961%
44	9.427	1364	1368	1370	rBV	65435	95620	2.45%	0.209%
45	9.458	1370	1373	1376	rVV	81026	113762	2.92%	0.248%
46	9.500	1376	1380	1385	rVV4	121413	245559	6.30%	0.536%
47	9.561	1385	1390	1394	rVV	253392	379016	9.72%	0.828%
48	9.604	1394	1397	1402	rVV2	124597	212831	5.46%	0.465%
49	9.756	1416	1422	1428	rBV2	70055	129153	3.31%	0.282%
50	10.049	1466	1470	1475	rVV	292231	400287	10.27%	0.874%
51	10.122	1479	1482	1485	rVV	100256	148175	3.80%	0.324%
52	10.195	1490	1494	1501	rVV	76886	130737	3.35%	0.286%
53	10.275	1501	1507	1509	rVV2	50352	86272	2.21%	0.188%
54	10.585	1551	1558	1565	rVB3	49356	104688	2.68%	0.229%
55	10.774	1582	1589	1592	rBV2	71662	120576	3.09%	0.263%
56	10.957	1615	1619	1623	rBV	190032	255789	6.56%	0.559%
57	11.079	1634	1639	1644	rBV	267463	363096	9.31%	0.793%
58	11.299	1670	1675	1685	rVB	676592	869182	22.29%	1.899%
59	11.610	1722	1726	1734	rVB2	56648	86495	2.22%	0.189%
60	11.860	1761	1767	1769	rBV	139500	182591	4.68%	0.399%
61	11.890	1769	1772	1777	rVB	202714	250115	6.41%	0.546%
62	12.018	1788	1793	1799	rVV	335291	433656	11.12%	0.947%
63	12.177	1814	1819	1824	rVB	59090	81403	2.09%	0.178%
64	12.244	1824	1830	1836	rBV	1061165	1338908	34.34%	2.925%
65	12.311	1836	1841	1843	rBV	371383	518035	13.28%	1.132%
66	12.402	1851	1856	1862	rBV	148097	181646	4.66%	0.397%
67	12.463	1862	1866	1872	rVB	62739	82505	2.12%	0.180%
68	12.609	1882	1890	1894	rBV	1707581	2123023	54.44%	4.637%
69	12.640	1894	1895	1900	rVB	275852	253038	6.49%	0.553%
70	12.695	1900	1904	1912	rBV2	727956	1120232	28.73%	2.447%
71	12.835	1923	1927	1932	rVB3	70117	103547	2.66%	0.226%
72	12.920	1932	1941	1947	rBV	948536	1196781	30.69%	2.614%
73	13.024	1954	1958	1966	rVV2	143500	221858	5.69%	0.485%
74	13.134	1973	1976	1978	rVV	114796	150233	3.85%	0.328%
75	13.164	1978	1981	1992	rVV	621149	839822	21.54%	1.834%
76	13.256	1992	1996	1997	rVV2	96994	103238	2.65%	0.226%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

77	13.286	1997	2001	2008	rVV2	1217953	1832918	47.00%	4.004%
78	13.365	2012	2014	2020	rVV2	115094	179520	4.60%	0.392%
79	13.420	2020	2023	2031	rVB	84587	123285	3.16%	0.269%
80	13.506	2032	2037	2039	rBV	127128	164327	4.21%	0.359%
81	13.542	2039	2043	2046	rVV	325460	447964	11.49%	0.978%
82	13.579	2046	2049	2053	rVV2	330189	479368	12.29%	1.047%
83	13.640	2053	2059	2060	rVV2	156552	250204	6.42%	0.547%
84	13.658	2060	2062	2071	rVV2	304082	474614	12.17%	1.037%
85	13.847	2088	2093	2099	rVB2	103744	156539	4.01%	0.342%
86	13.926	2099	2106	2110	rBV2	185799	284248	7.29%	0.621%
87	13.969	2110	2113	2117	rVB2	99715	114463	2.94%	0.250%
88	14.073	2125	2130	2134	rBV	215824	266527	6.83%	0.582%
89	14.213	2148	2153	2163	rBV2	209137	413446	10.60%	0.903%
90	14.316	2166	2170	2175	rVV	84153	117982	3.03%	0.258%
91	14.371	2175	2179	2183	rVB	138215	167136	4.29%	0.365%
92	14.475	2192	2196	2202	rBV2	139897	209766	5.38%	0.458%
93	14.633	2214	2222	2227	rBV	456489	636111	16.31%	1.389%
94	14.774	2240	2245	2251	rBV	385098	527506	13.53%	1.152%
95	15.371	2338	2343	2346	rBV	71955	105520	2.71%	0.230%
96	15.475	2354	2360	2373	rVV	197403	336295	8.62%	0.735%
97	15.609	2373	2382	2386	rVV	282088	469441	12.04%	1.025%
98	15.646	2386	2388	2397	rVV	138479	206787	5.30%	0.452%
99	15.834	2409	2419	2434	rVV2	78593	214959	5.51%	0.470%
100	15.987	2437	2444	2456	rVB2	48674	97748	2.51%	0.214%

Sum of corrected areas: 45781173

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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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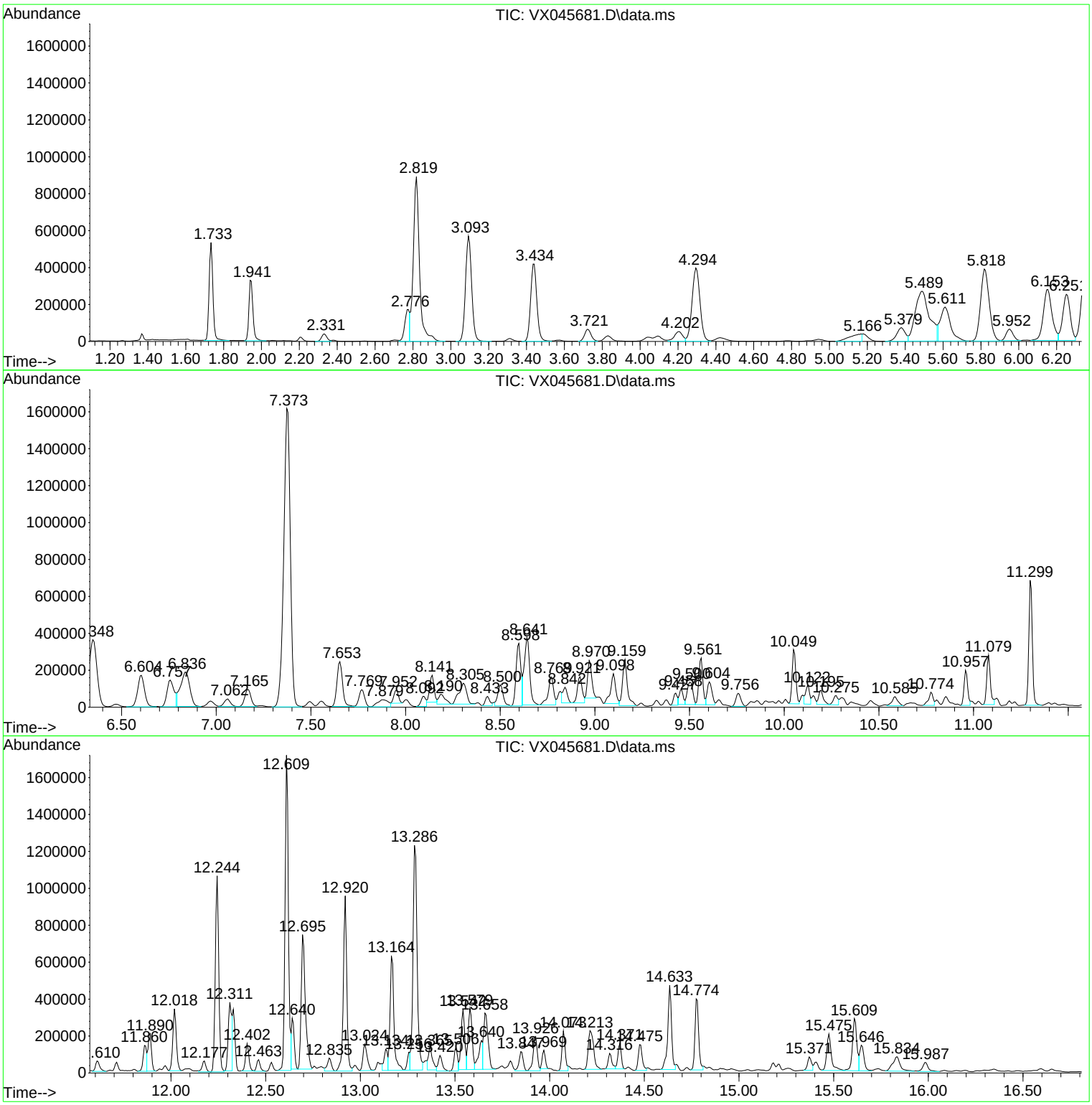
TIC Integration Parameters: LSCINT.P



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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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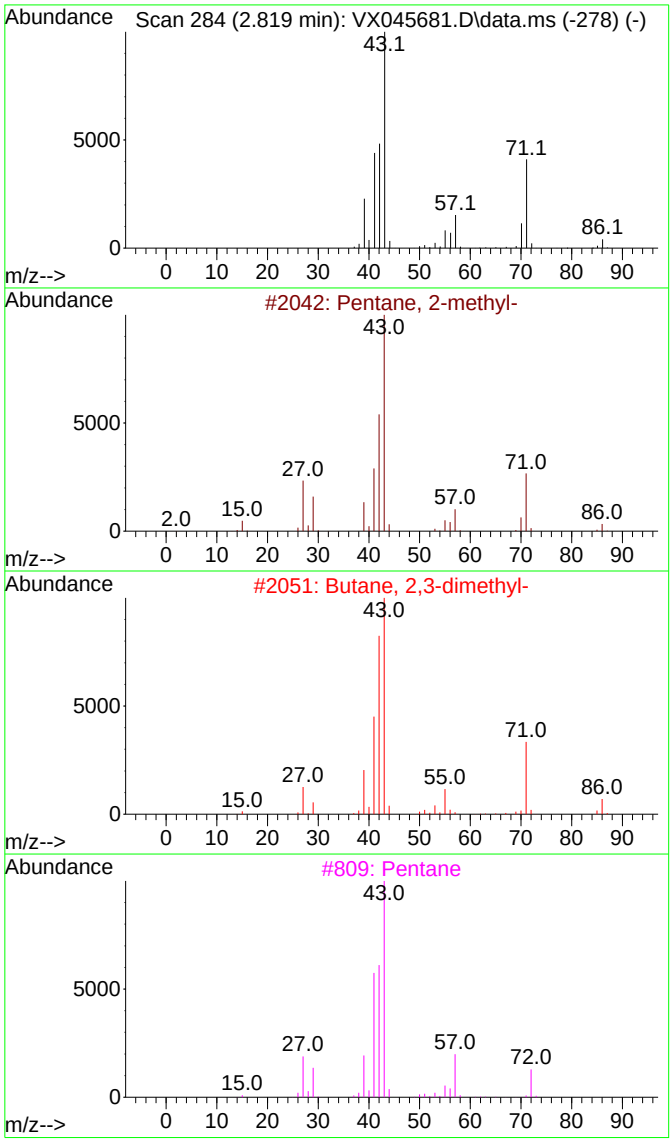
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

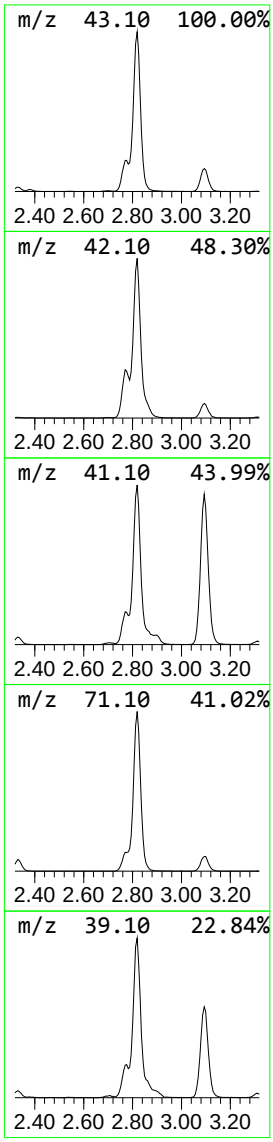
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	153.04 ug/l	2023460	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
3	Pentane	72	C5H12	000109-66-0	43
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	37





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Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

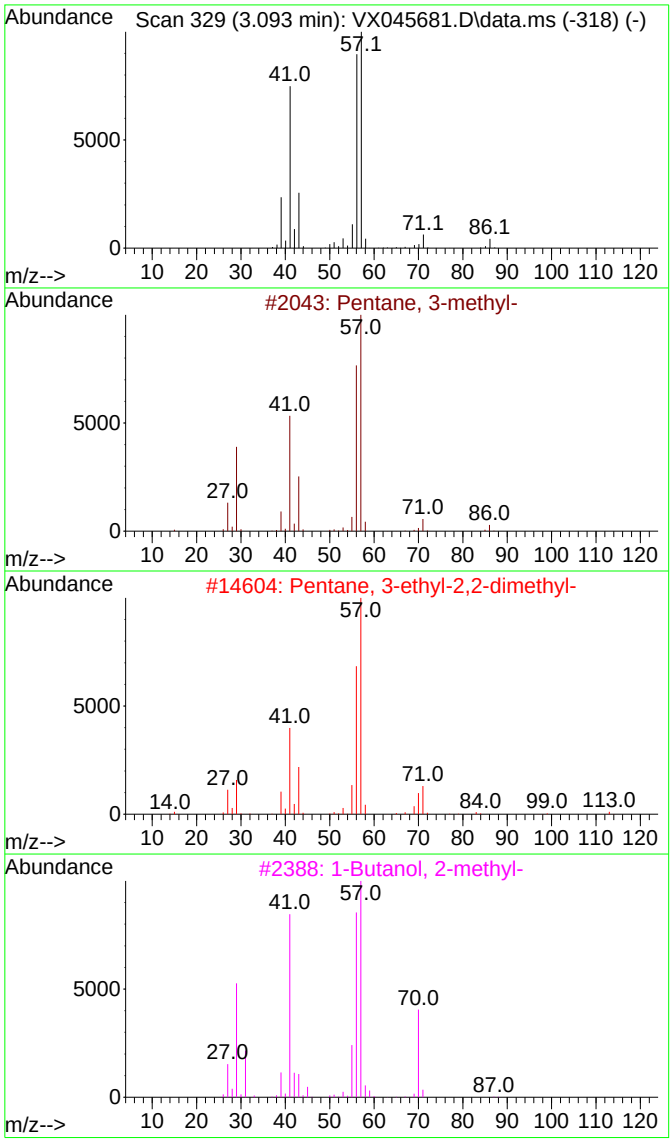
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

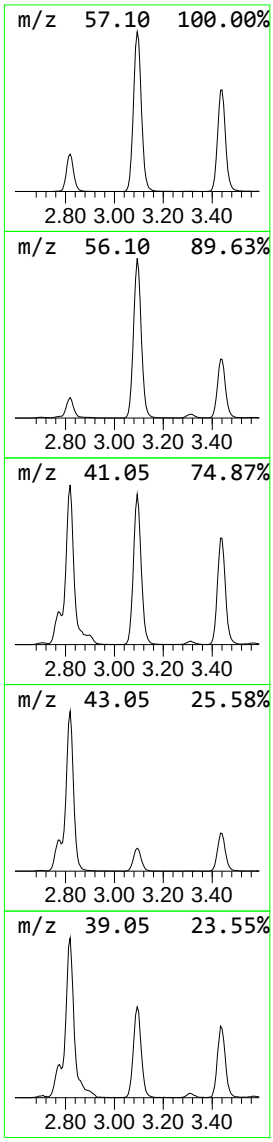
****

Peak Number 2 Pentane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	97.02 ug/l	1282770	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
3	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38





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Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

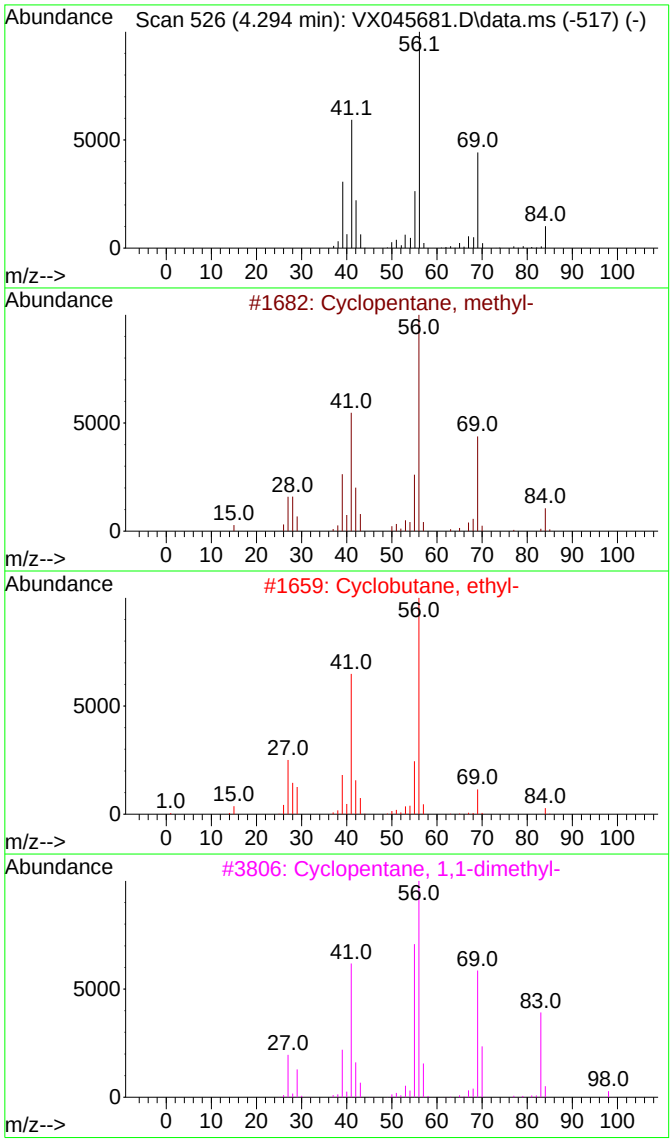
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

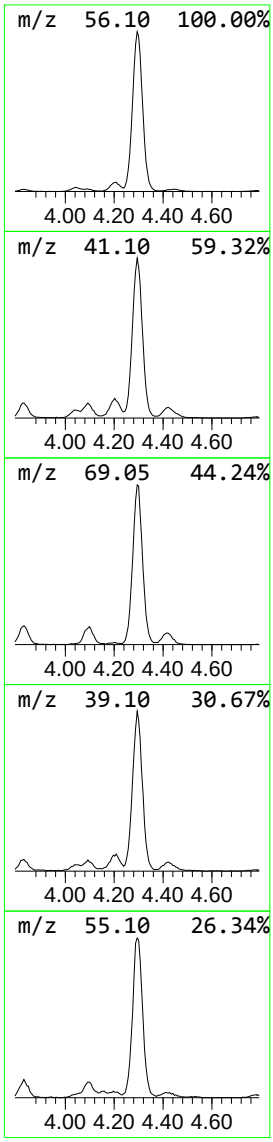
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	86.41 ug/l	1142570	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





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Operator  : JC/MD
Sample    : Q1762-01
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 19   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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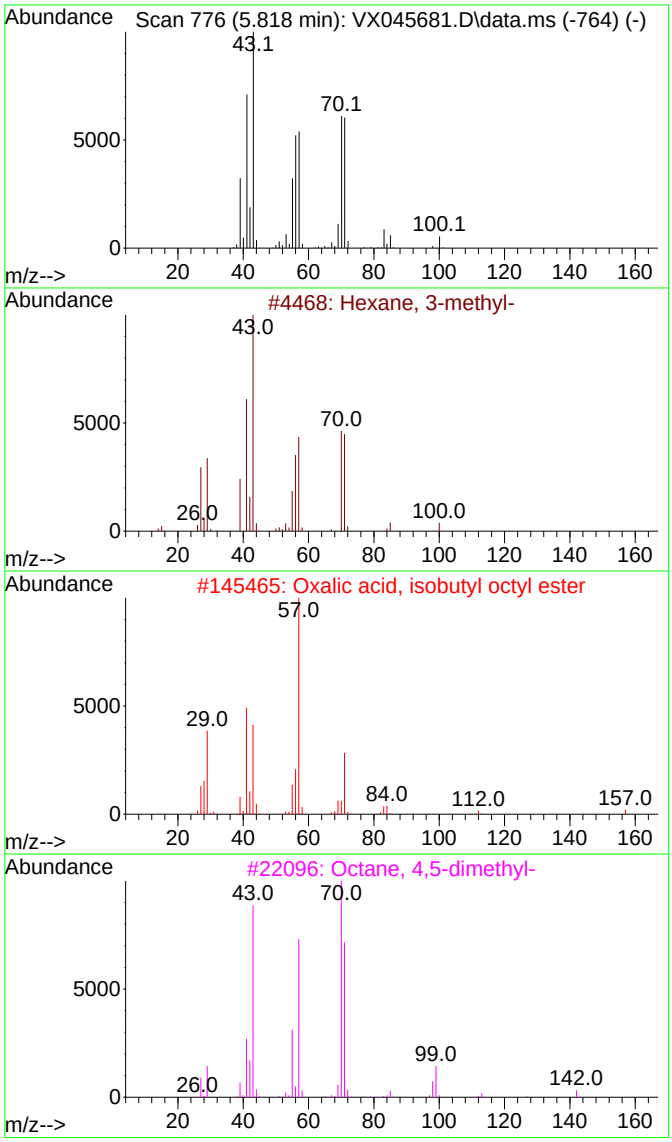
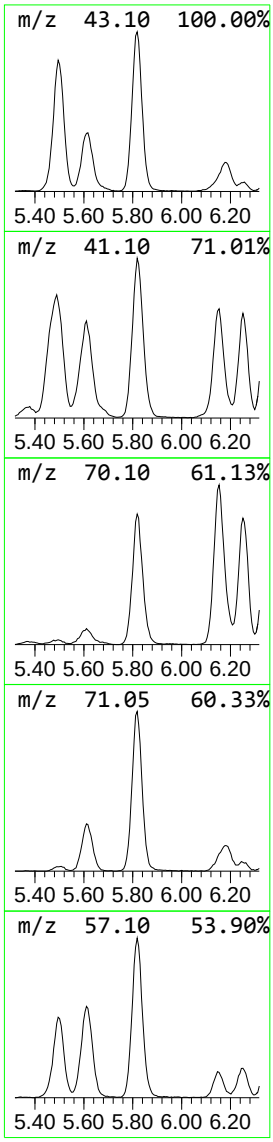
Instrument :
MSVOA_X
ClientSampleId :
MW4

Peak Number 4 Hexane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.818	93.28 ug/l	1233350	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	53
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Heptane	100	C7H16	000142-82-5	52





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Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

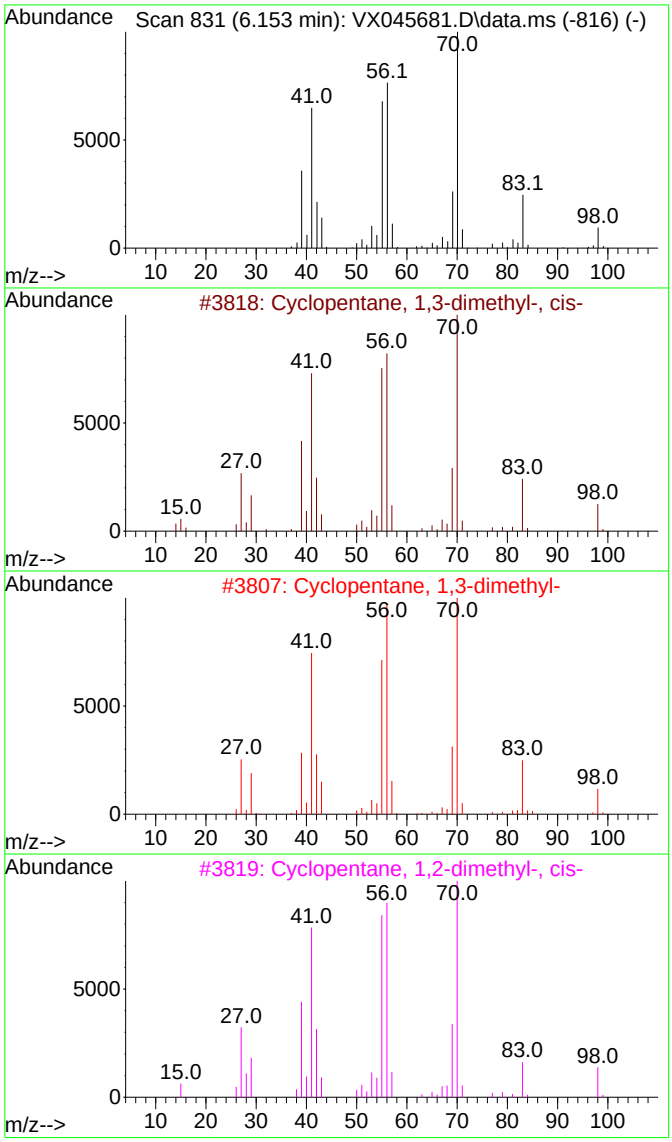
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

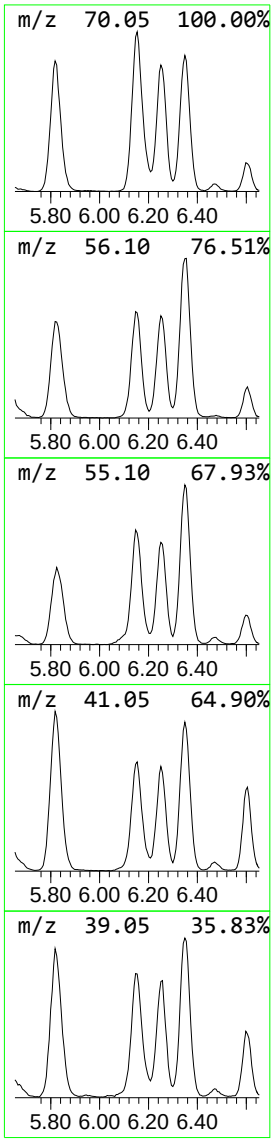
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,3-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.153	118.45 ug/l	889028	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	97
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	95
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	93
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58





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Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

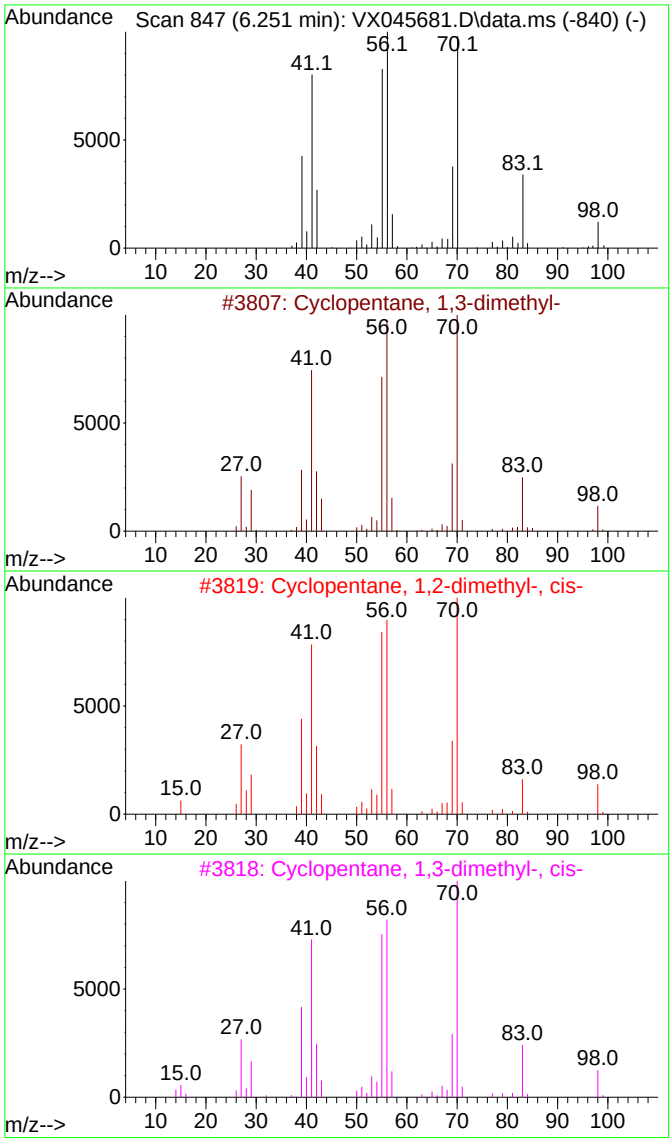
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

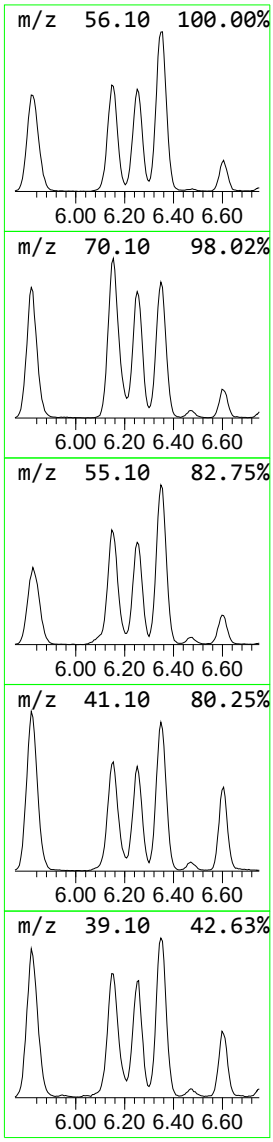
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	92.36 ug/l	693189	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	81
5	1-Heptene	98	C7H14	000592-76-7	58





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Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

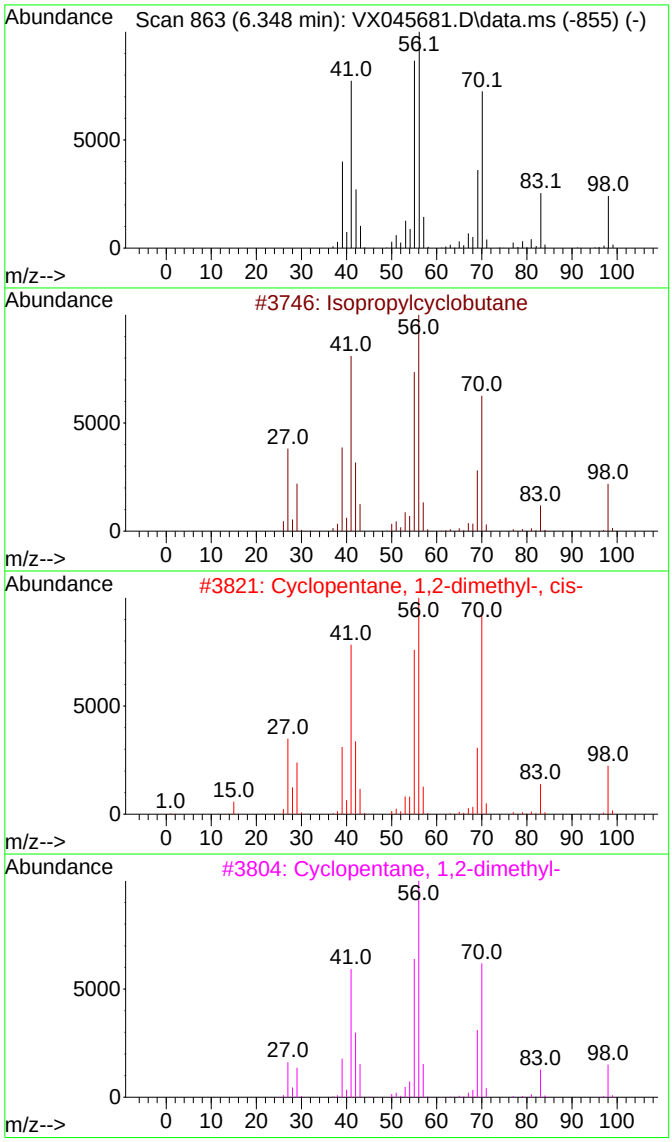
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

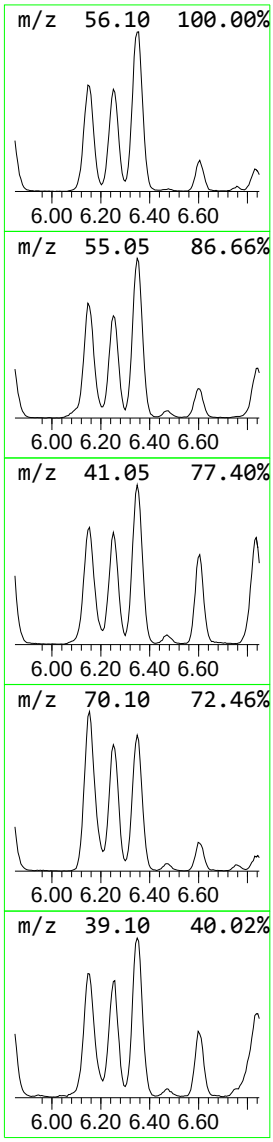
****

Peak Number 7 Isopropylcyclobutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.348	138.58 ug/l	1040120	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	95
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	81
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
5	Cycloheptane	98	C7H14	000291-64-5	80





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Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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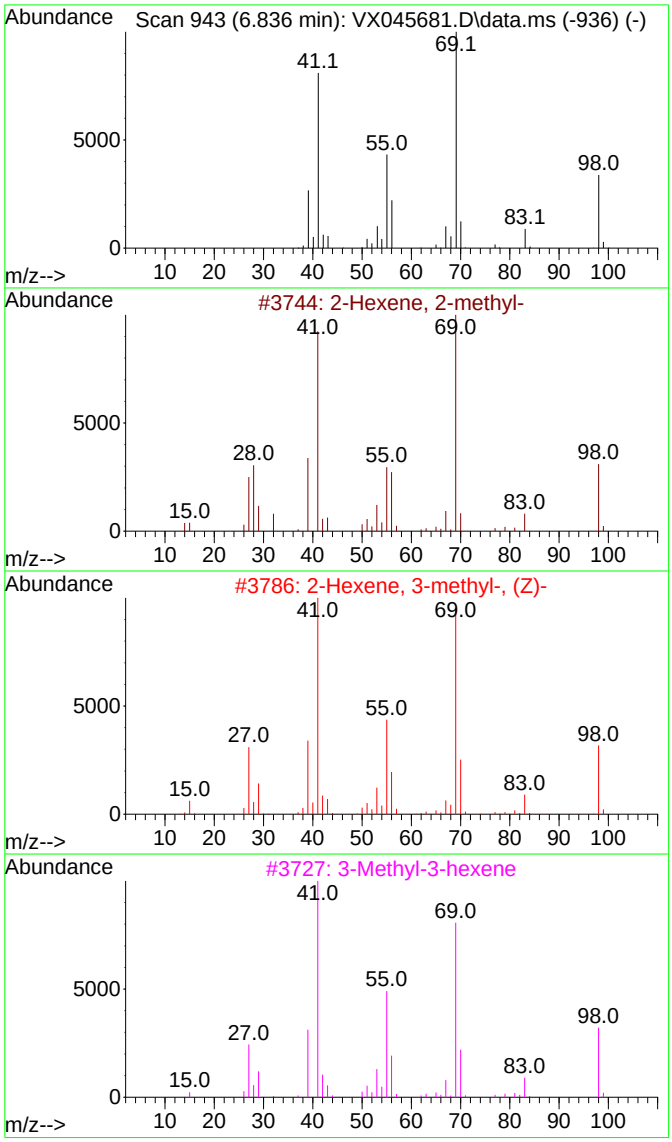
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

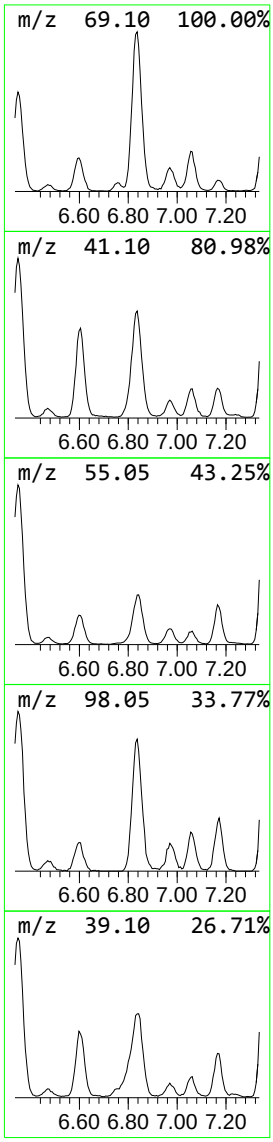
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Hexene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.836	82.51 ug/l	619278	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	91
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
3	3-Methyl-3-hexene	98	C7H14	003404-65-7	91
4	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	86
5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	83





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Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

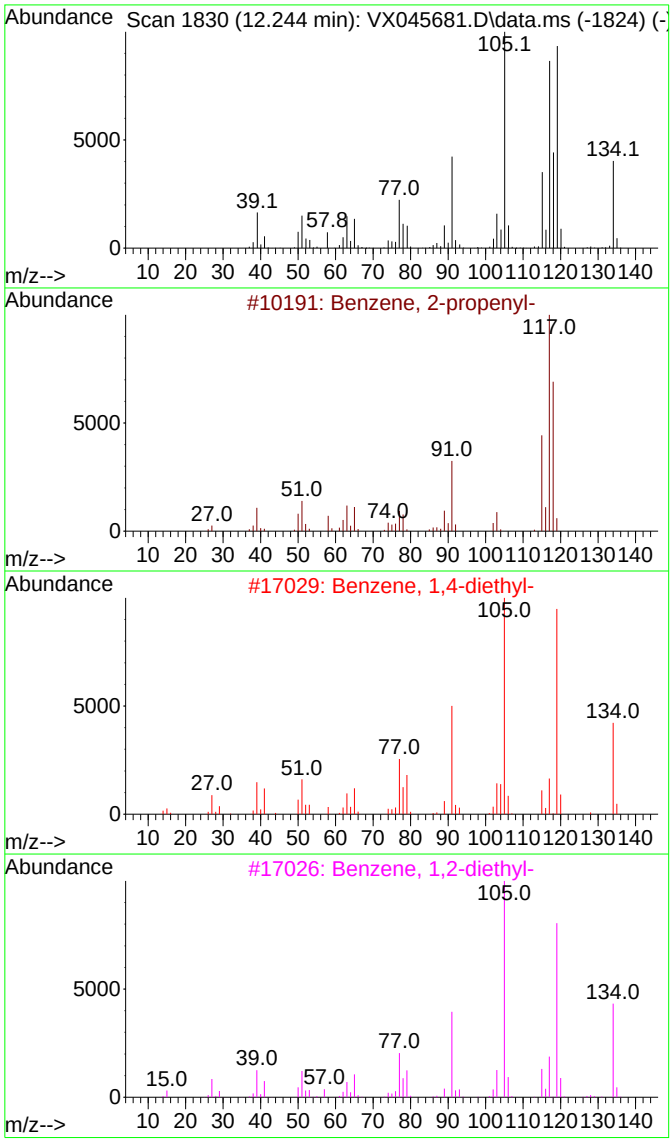
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

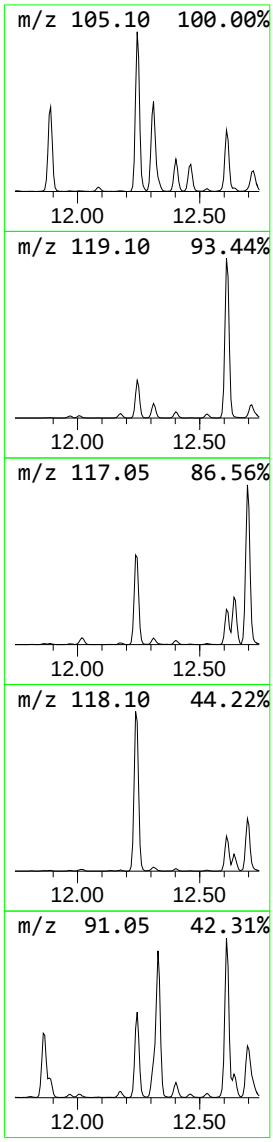
****

Peak Number 9 Benzene, 2-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	154.37 ug/l	1338910	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
4	Deltacyclene	118	C9H10	007785-10-6	55
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55





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Acq On : 09 Apr 2025 17:16
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Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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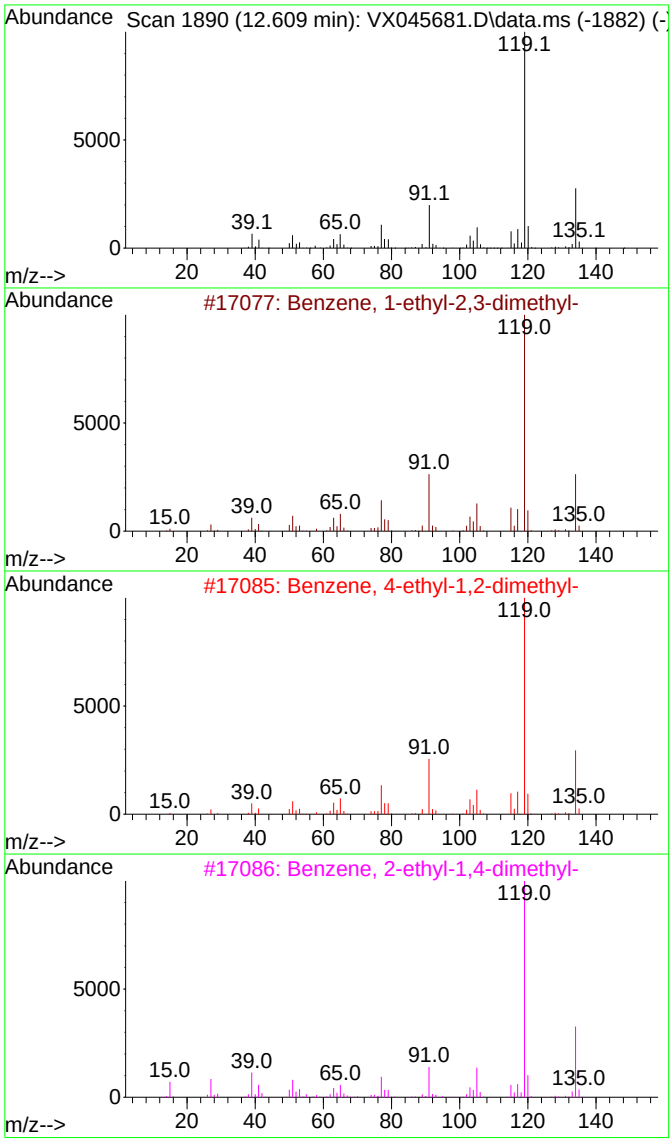
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

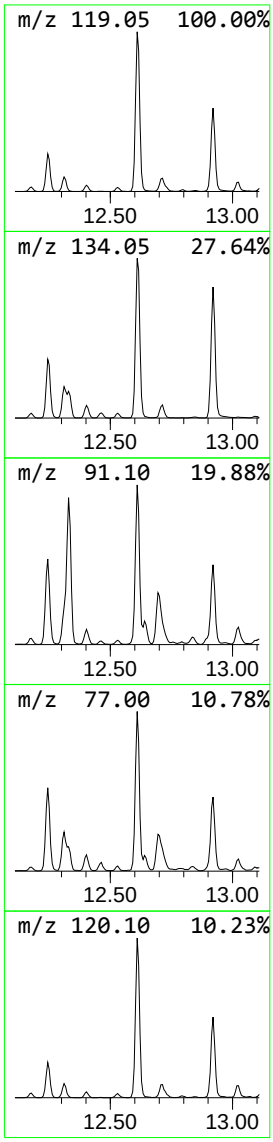
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	244.78 ug/l	2123020	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

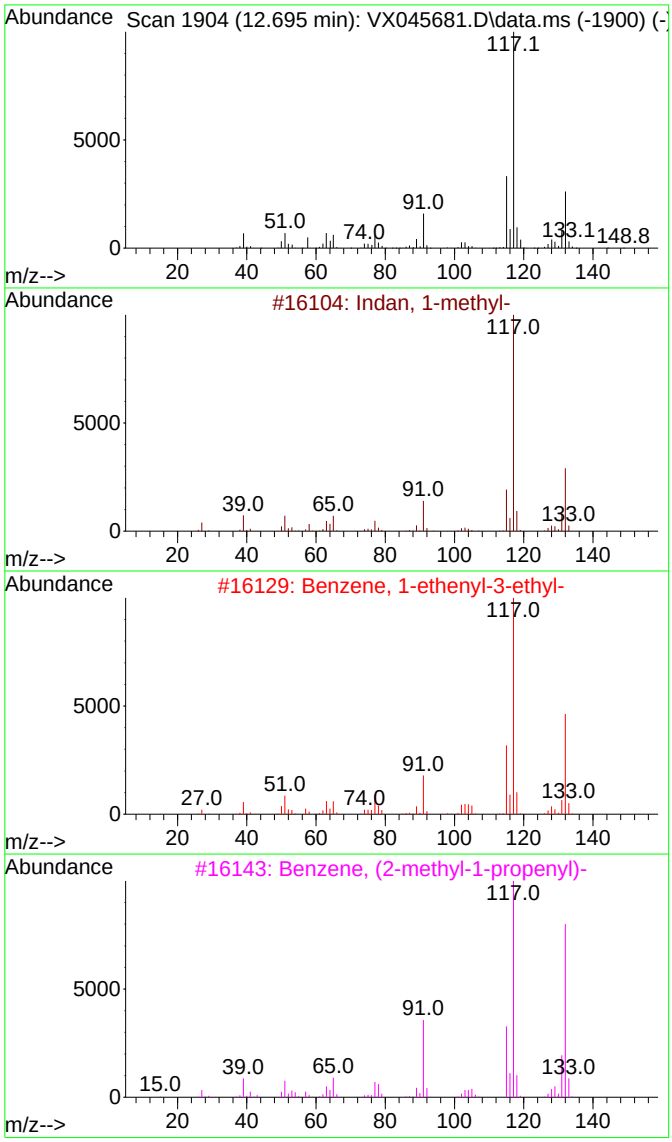
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

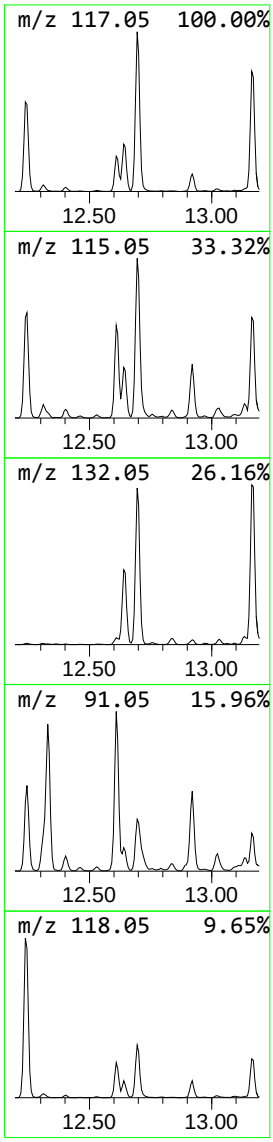
****

Peak Number 11 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	129.16 ug/l	1120230	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

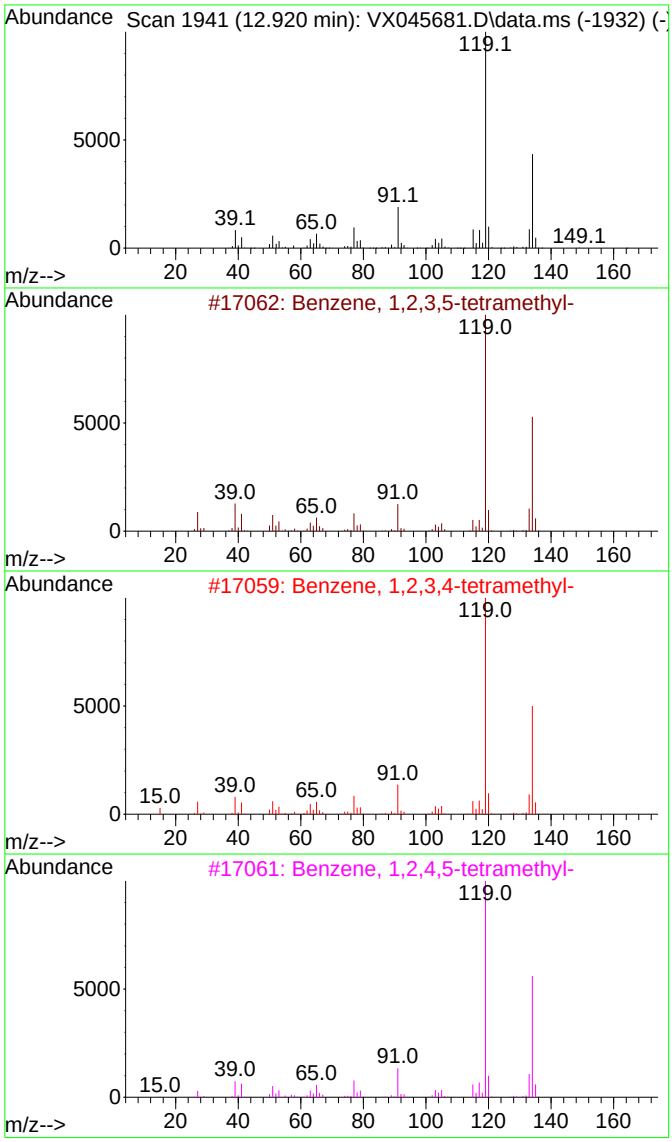
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

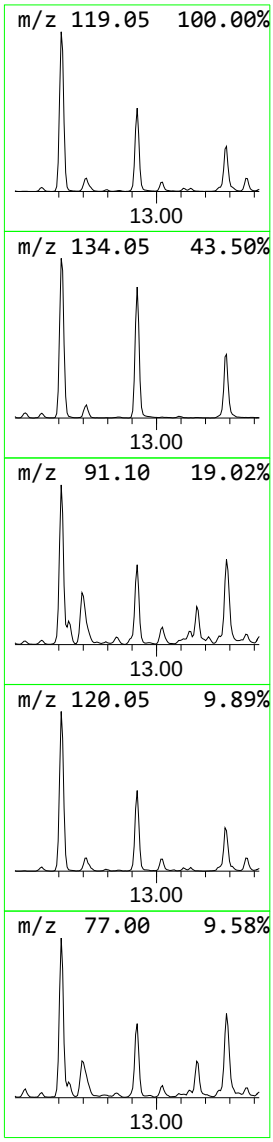
****

Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	137.99 ug/l	1196780	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

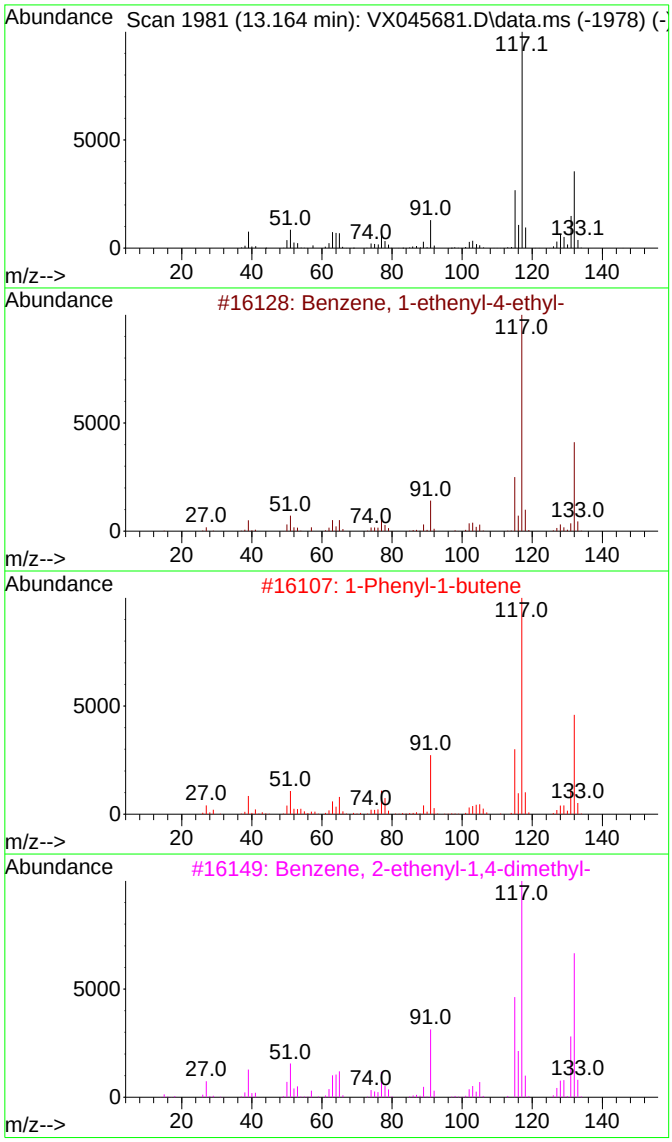
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

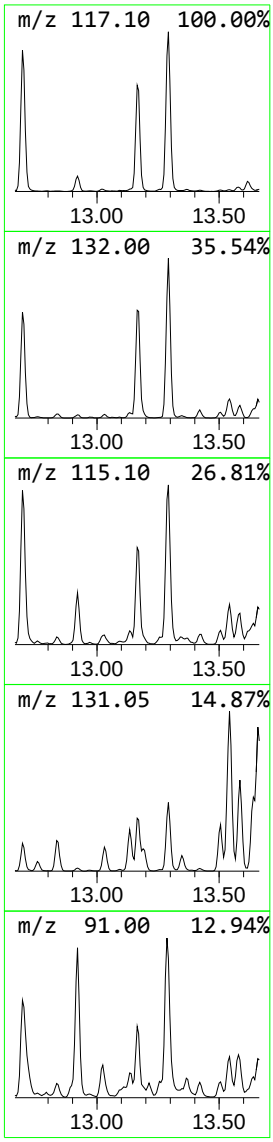
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	96.83 ug/l	839822	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Indan, 1-methyl-	132	C10H12	000767-58-8	91
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

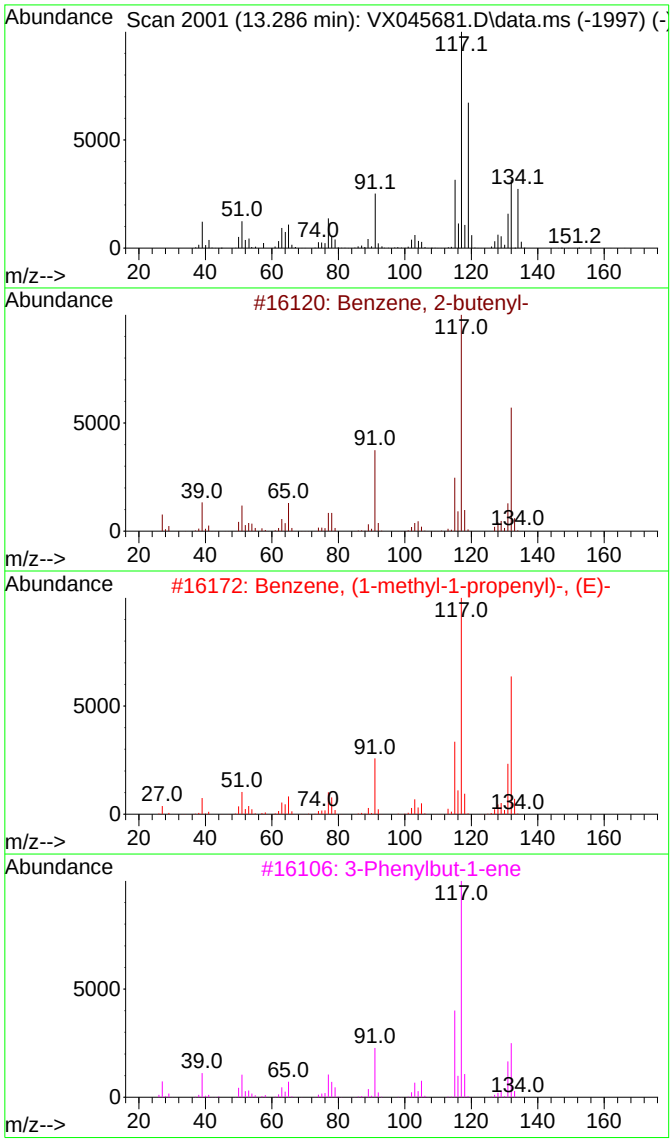
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

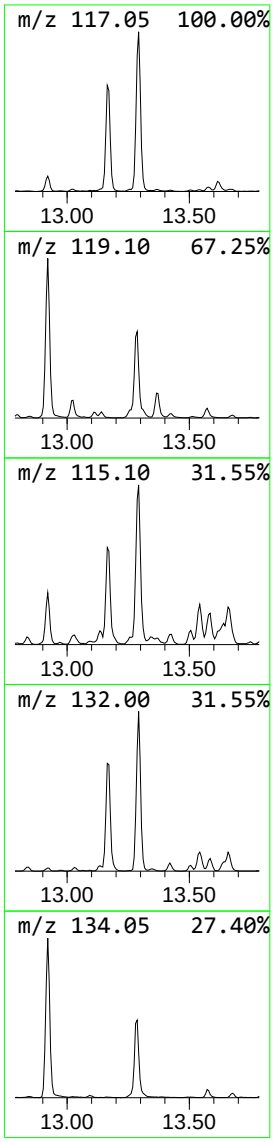
****

Peak Number 14 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	211.33 ug/l	1832920	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

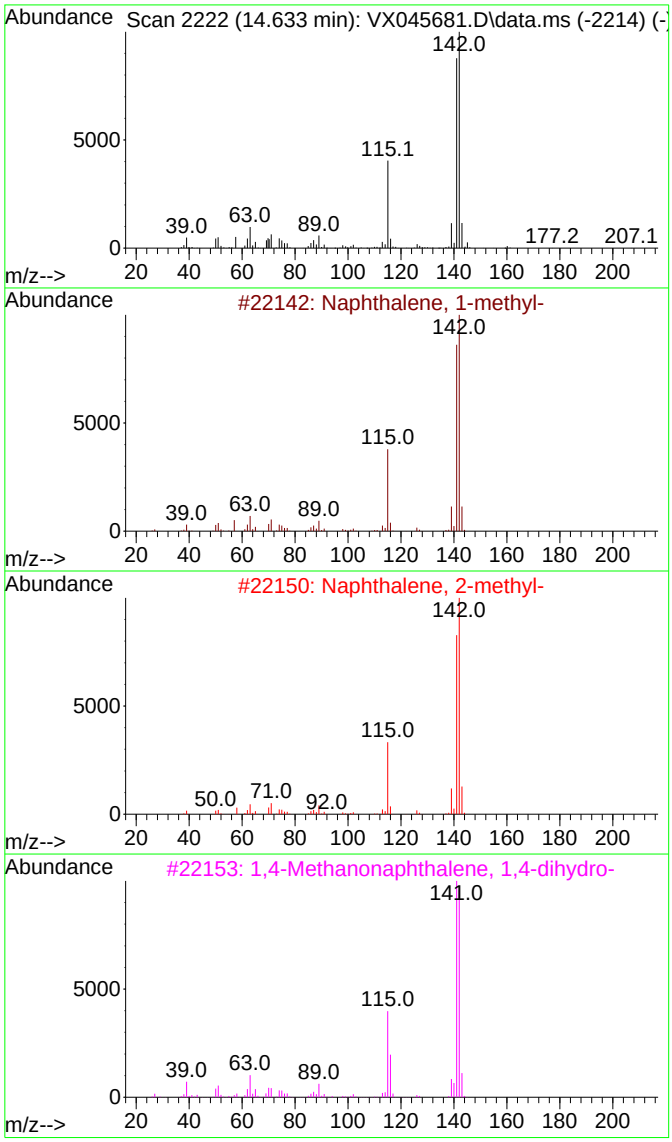
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

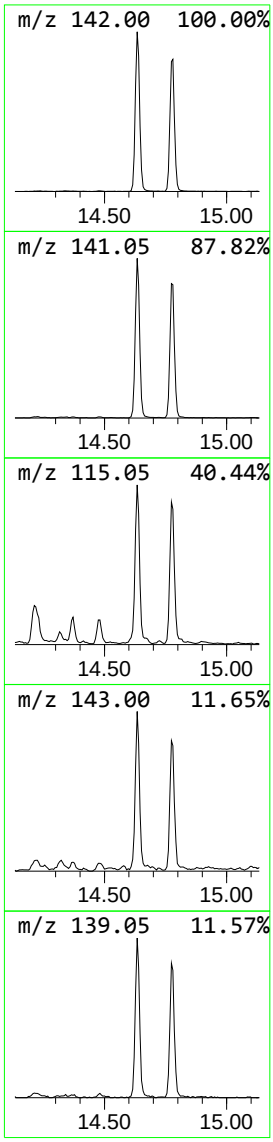
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	73.34 ug/l	636111	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Pentane, 2-methyl-	2.819	153.0	ug/l	2023460	1	5.550	661099	50.0
Pentane, 3-methyl-	3.093	97.0	ug/l	1282770	1	5.550	661099	50.0
Cyclopentane, m...	4.294	86.4	ug/l	1142570	1	5.550	661099	50.0
Hexane, 3-methyl-	5.818	93.3	ug/l	1233350	1	5.550	661099	50.0
Cyclopentane, 1...	6.153	118.5	ug/l	889028	2	6.757	375272	50.0
Cyclopentane, 1...	6.251	92.4	ug/l	693189	2	6.757	375272	50.0
Isopropylcyclob...	6.348	138.6	ug/l	1040120	2	6.757	375272	50.0
2-Hexene, 2-met...	6.836	82.5	ug/l	619278	2	6.757	375272	50.0
Benzene, 2-prop...	12.244	154.4	ug/l	1338910	4	12.018	433656	50.0
Benzene, 1-ethy...	12.610	244.8	ug/l	2123020	4	12.018	433656	50.0
Indan, 1-methyl-	12.695	129.2	ug/l	1120230	4	12.018	433656	50.0
Benzene, 1,2,3,...	12.920	138.0	ug/l	1196780	4	12.018	433656	50.0
Benzene, 1-ethe...	13.164	96.8	ug/l	839822	4	12.018	433656	50.0
Benzene, 2-bute...	13.286	211.3	ug/l	1832920	4	12.018	433656	50.0
Naphthalene, 1-...	14.634	73.3	ug/l	636111	4	12.018	433656	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045717.D
Acq On : 11 Apr 2025 05:32
Operator : JC/MD
Sample : Q1762-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Quant Time: Apr 11 06:07:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

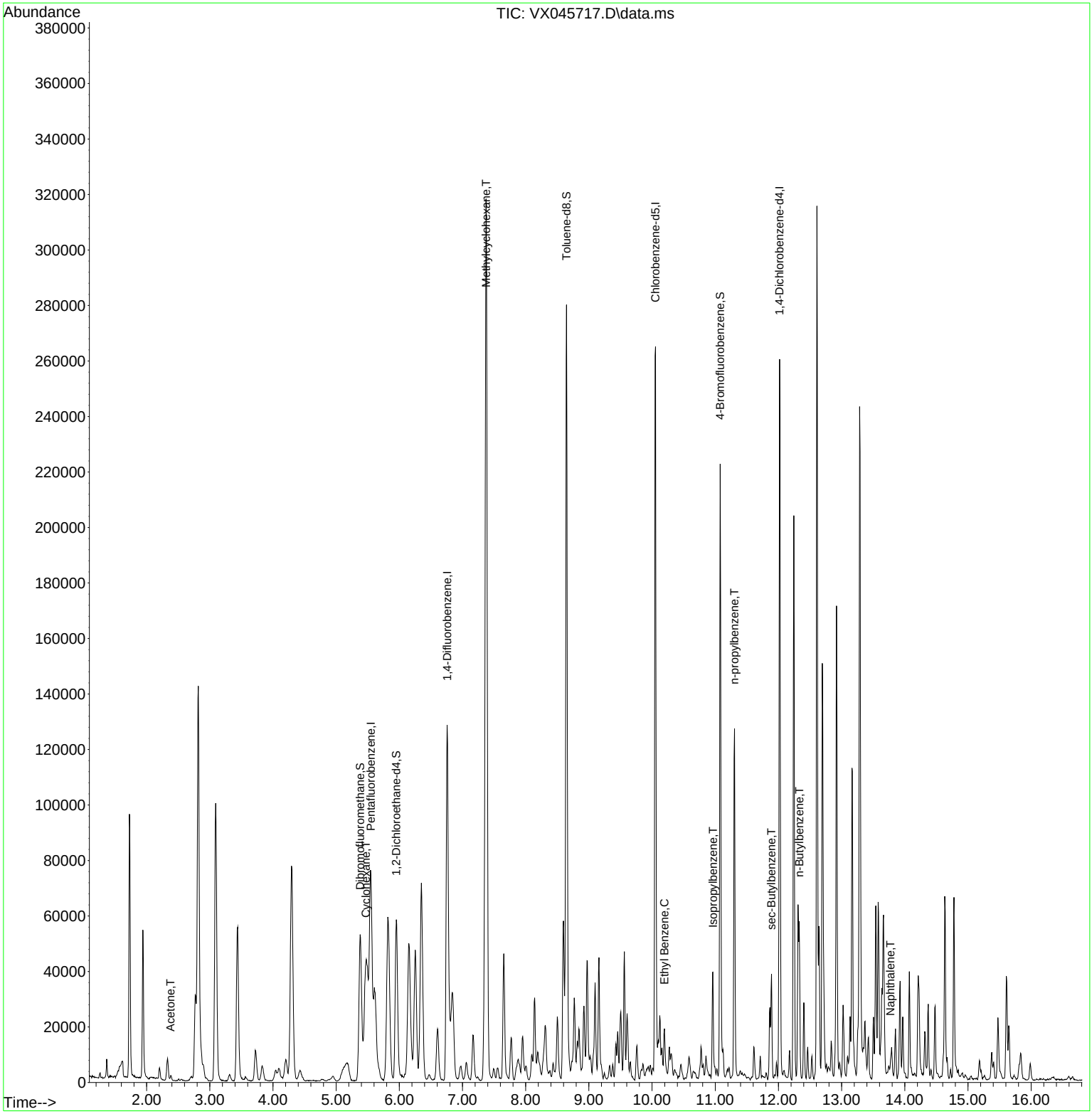
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	63356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60270	52.019	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	5.379	113	43609	50.112	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	8.647	98	152418	50.180	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.360%			
62) 4-Bromofluorobenzene	11.079	95	57788	52.231	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.460%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1803	3.790	ug/l	100
31) Cyclohexane	5.470	56	31071	21.861	ug/l #	86
39) Methylcyclohexane	7.373	83	130583	90.665	ug/l	96
67) Ethyl Benzene	10.195	91	10349	2.410	ug/l	100
73) Isopropylbenzene	10.963	105	18757	4.911	ug/l	99
78) n-propylbenzene	11.305	91	78977	17.953	ug/l	99
85) sec-Butylbenzene	11.890	105	18063	4.703	ug/l	96
89) n-Butylbenzene	12.329	91	26495	9.650	ug/l #	80
95) Naphthalene	13.774	128	4406	1.332	ug/l #	89

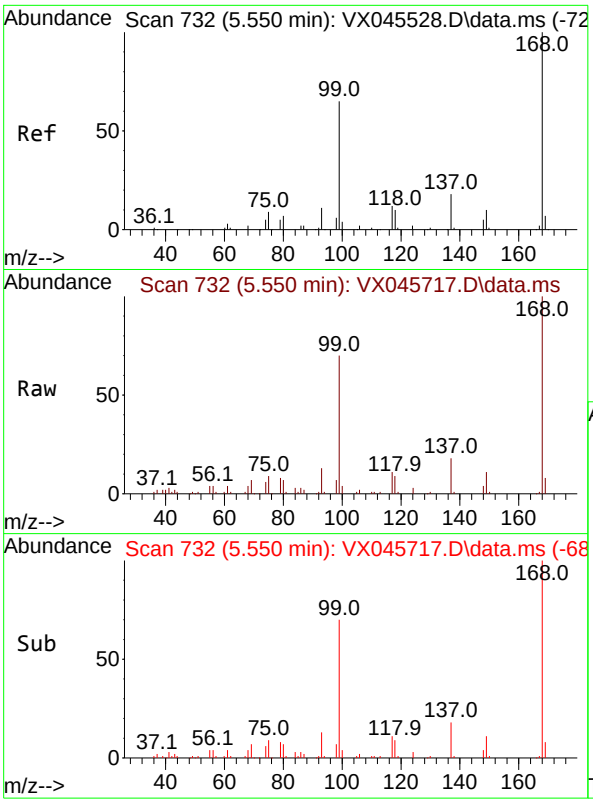
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045717.D
Acq On : 11 Apr 2025 05:32
Operator : JC/MD
Sample : Q1762-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Quant Time: Apr 11 06:07:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



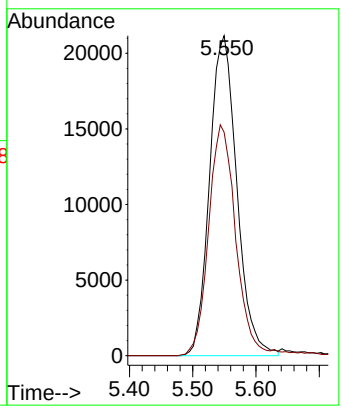


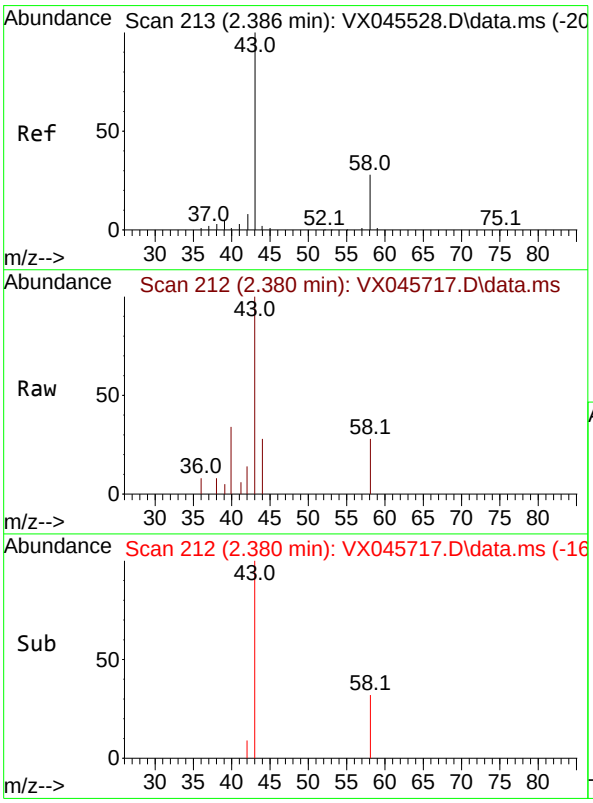
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion:168 Resp: 63356

Ion	Ratio	Lower	Upper
168	100		
99	69.8	52.3	78.5

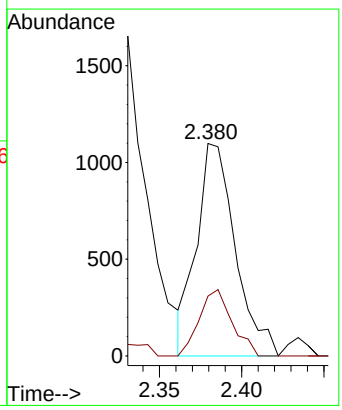




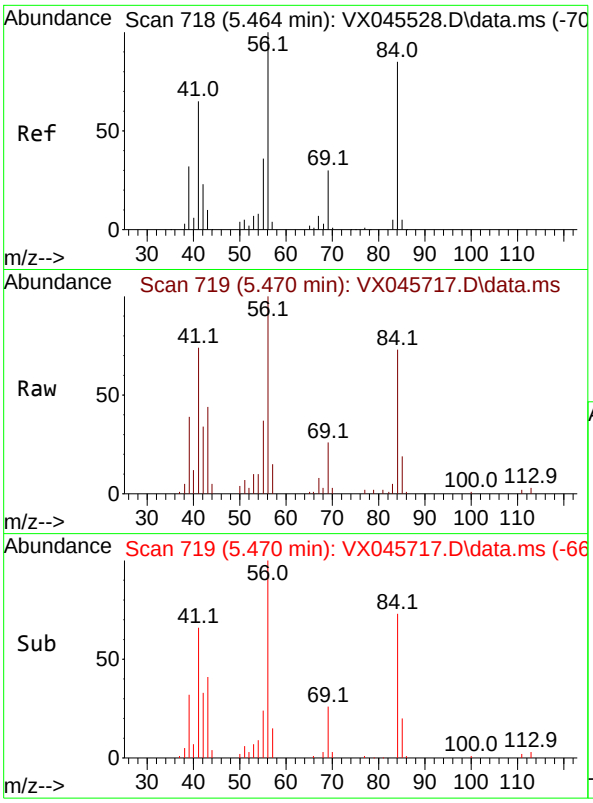
#16
Acetone
Concen: 3.790 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 43 Resp: 1803

Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.3	33.5



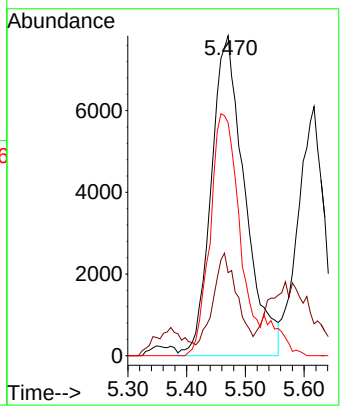
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

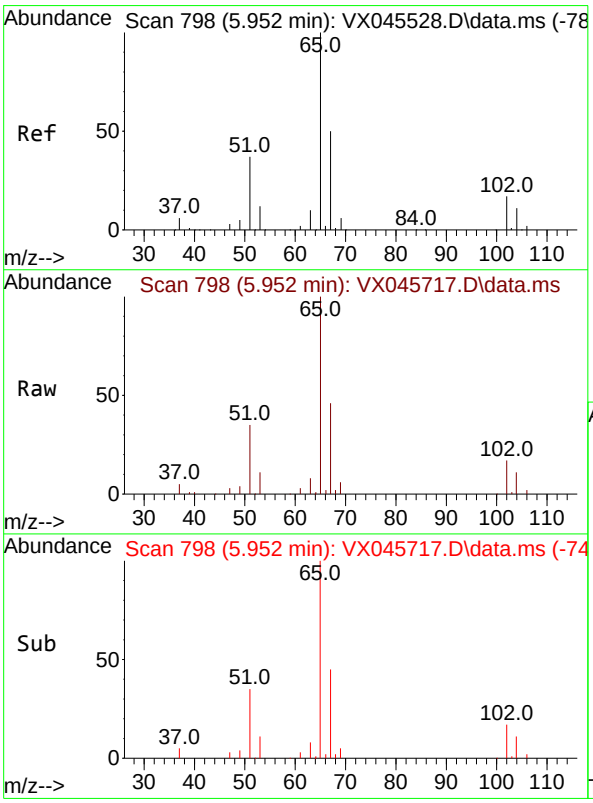


#31
Cyclohexane
Concen: 21.861 ug/l
RT: 5.470 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 56 Resp: 31071

Ion	Ratio	Lower	Upper
56	100		
69	19.3	23.6	35.4#
84	73.4	67.7	101.5

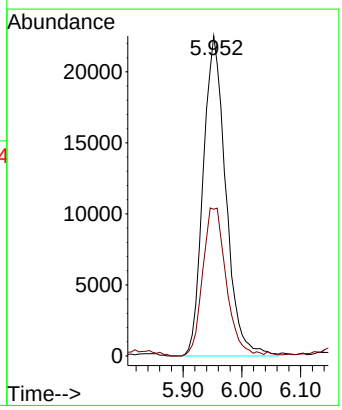


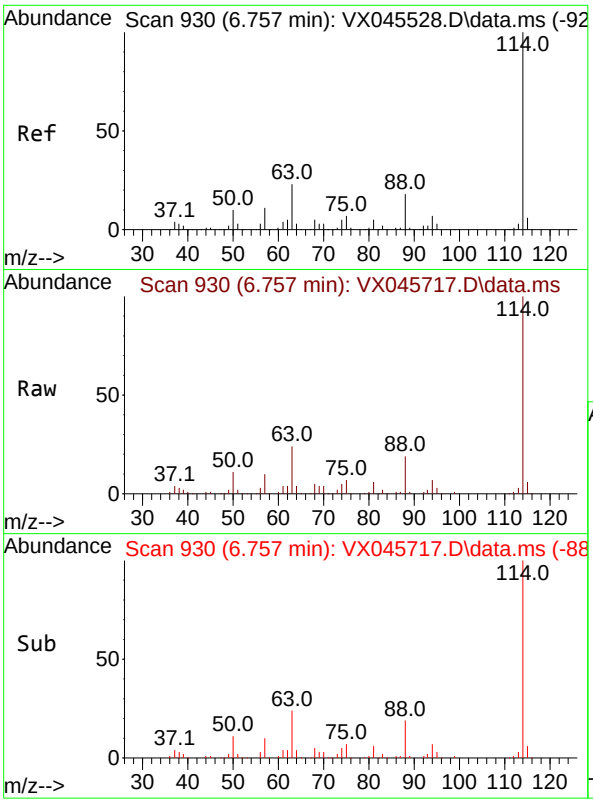


#33
1,2-Dichloroethane-d4
Concen: 52.019 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 65 Resp: 60270

Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	99.0



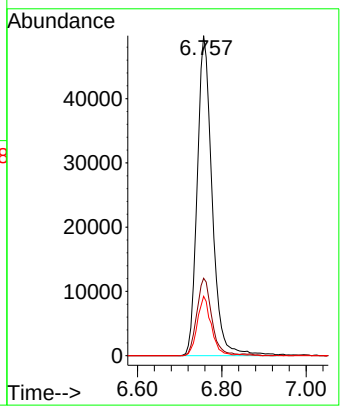


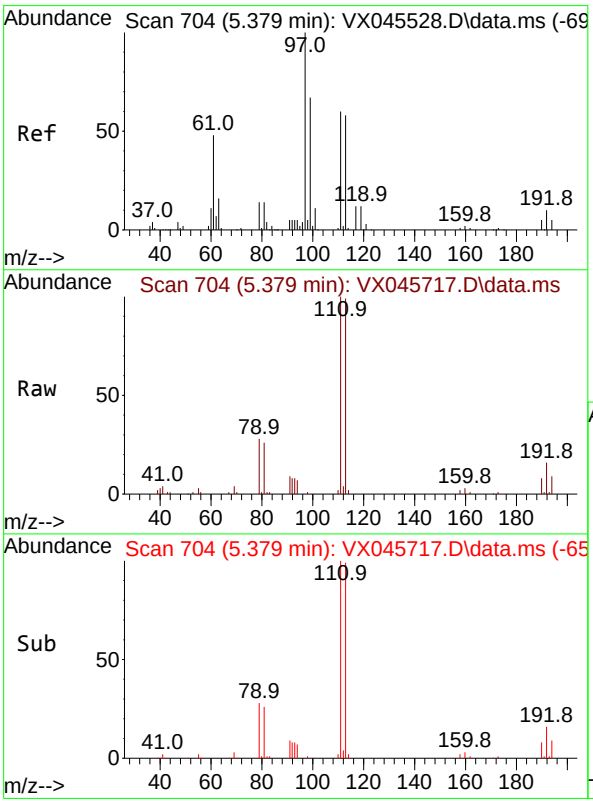
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion:114 Resp: 122653

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	46.8
88	18.5	0.0	35.4

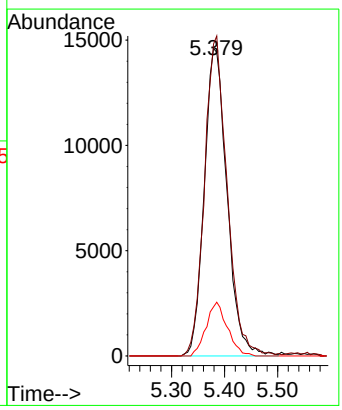


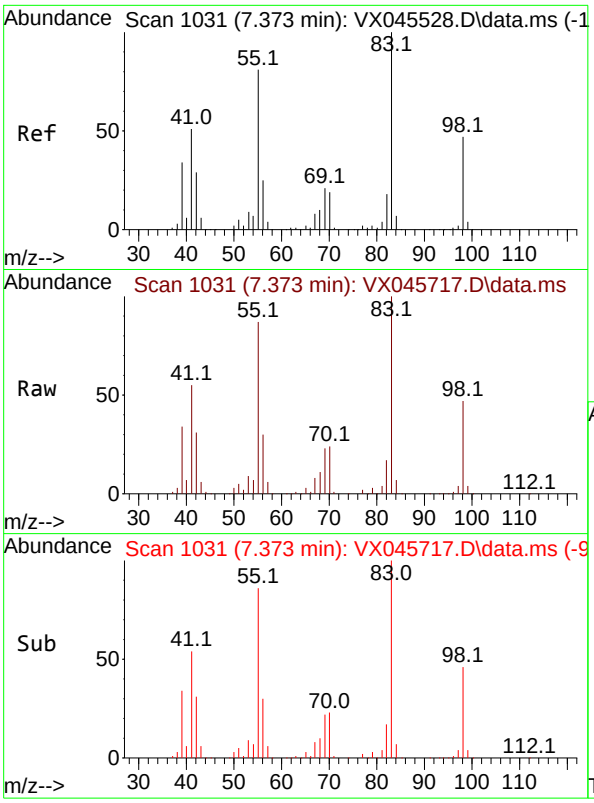


#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:113 Resp: 43609

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	16.2	13.8	20.6



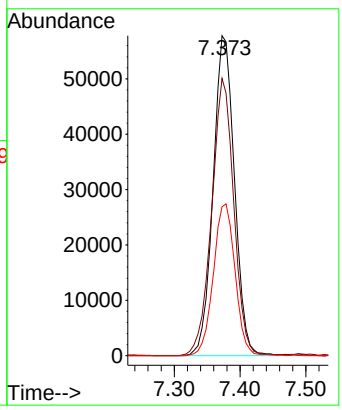


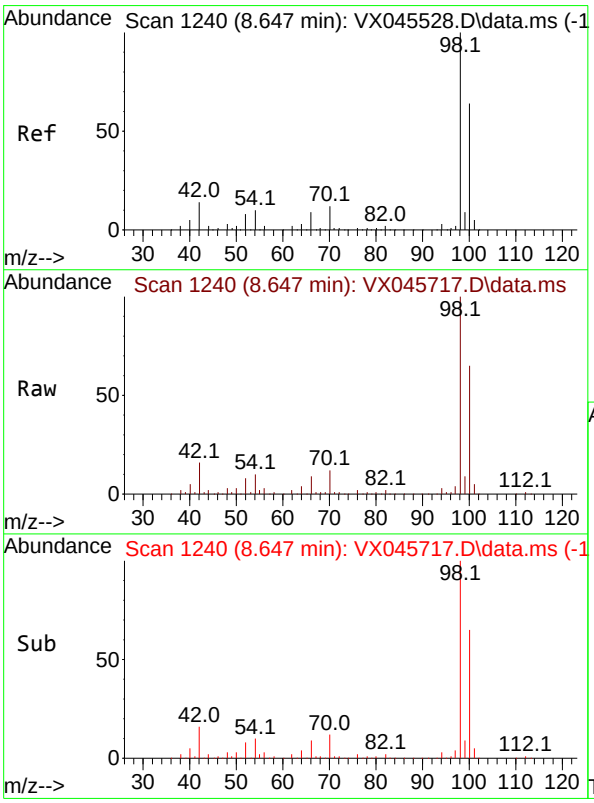
#39
Methylcyclohexane
Concen: 90.665 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion: 83 Resp: 130583

Ion	Ratio	Lower	Upper
83	100		
55	86.7	64.9	97.3
98	46.5	37.4	56.0

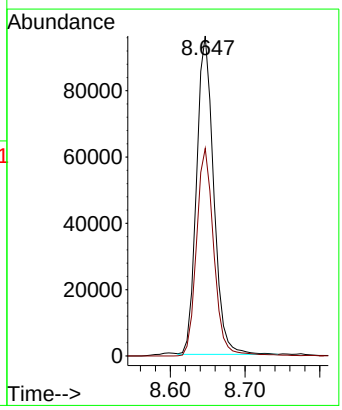




#50
Toluene-d8
Concen: 50.180 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

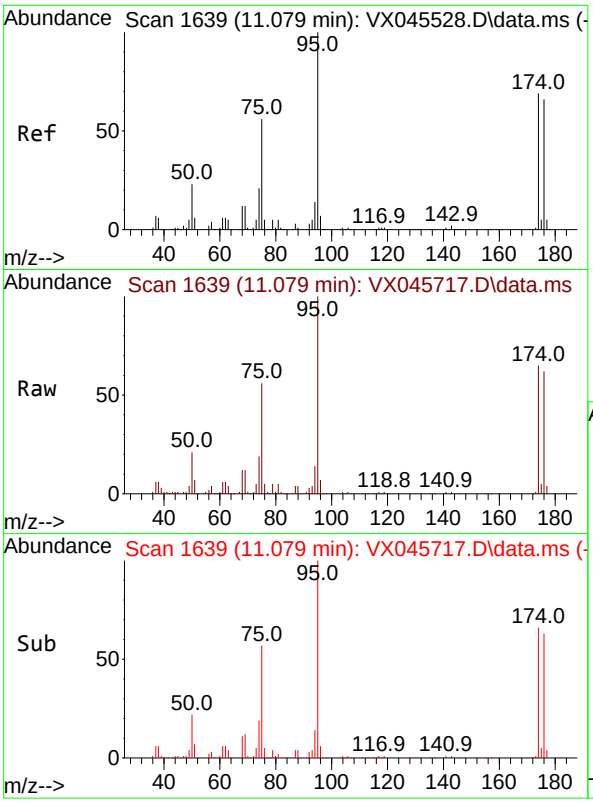
Tgt Ion: 98 Resp: 152418

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.4



5

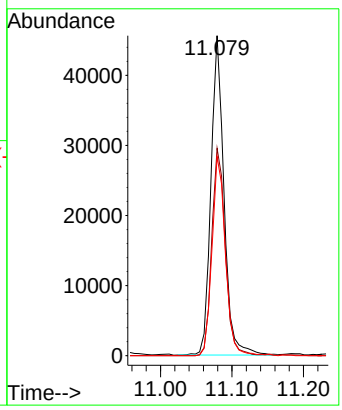
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

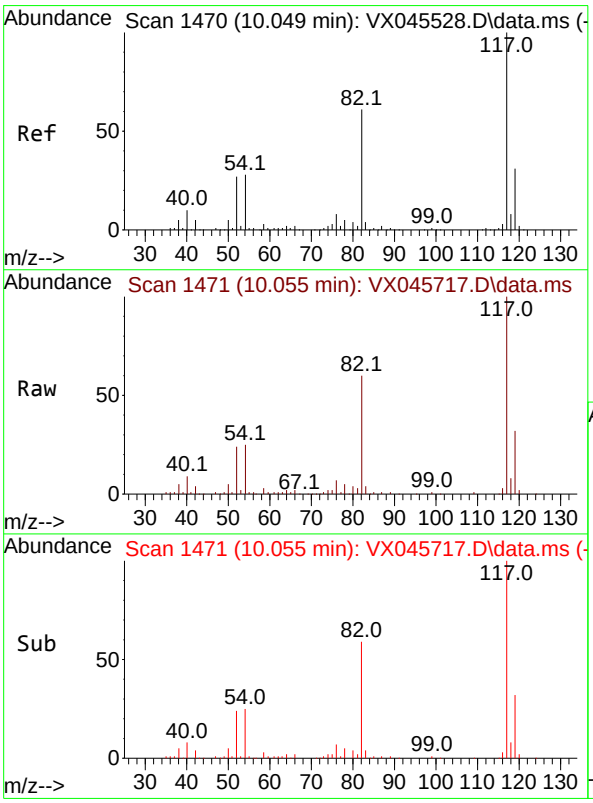


#62
4-Bromofluorobenzene
Concen: 52.231 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 95 Resp: 57788

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	135.8
176	64.0	0.0	131.4

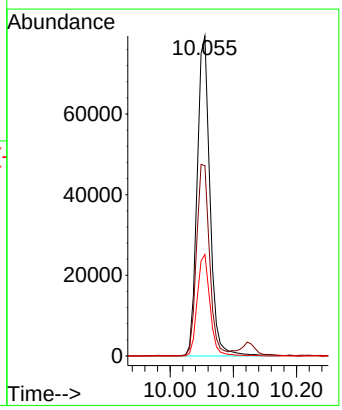


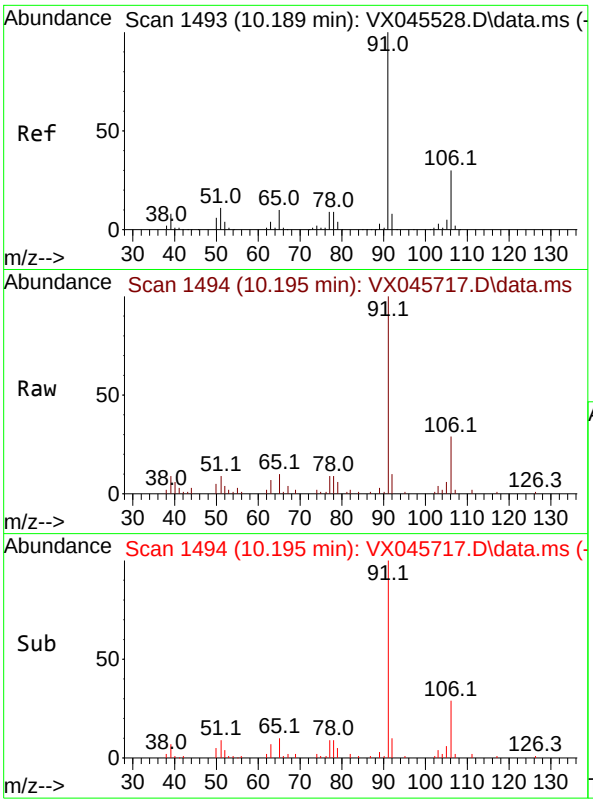


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:117 Resp: 112188

Ion	Ratio	Lower	Upper
117	100		
82	59.4	49.2	73.8
119	31.7	25.1	37.7



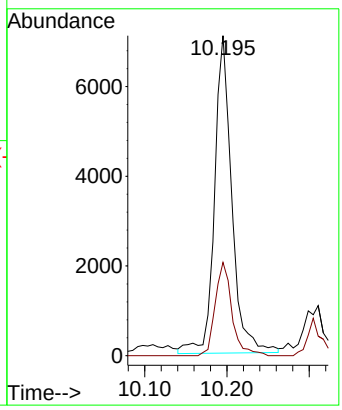


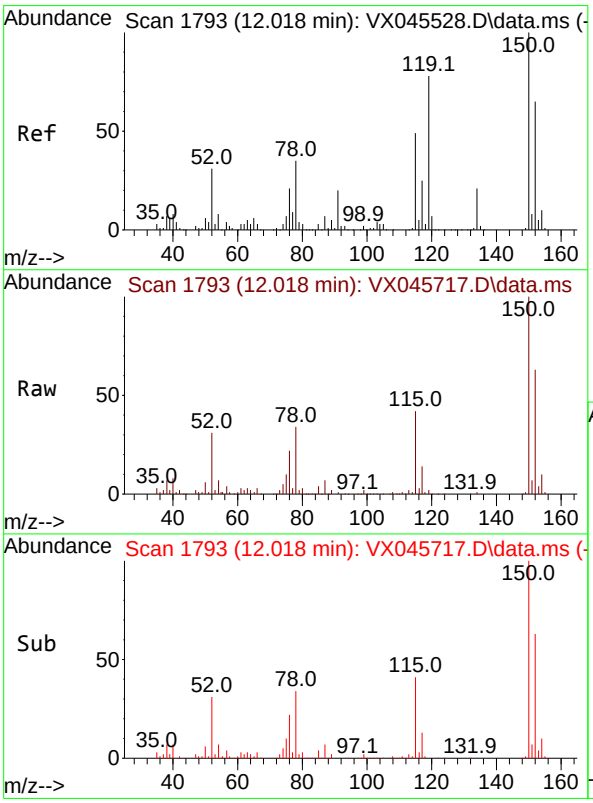
#67
Ethyl Benzene
Concen: 2.410 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion: 91 Resp: 10349

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.7	35.5

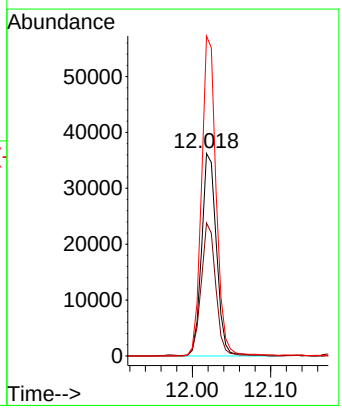




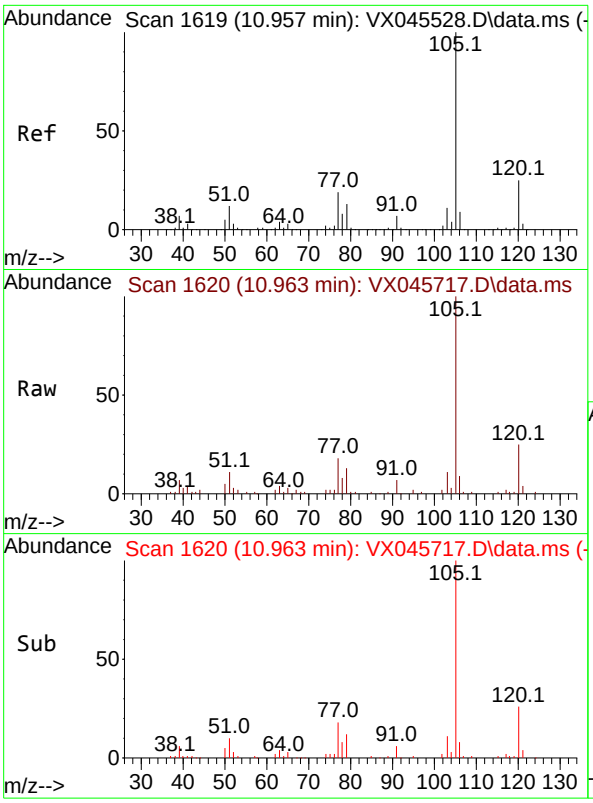
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:152 Resp: 47681

Ion	Ratio	Lower	Upper
152	100		
115	64.8	46.9	140.7
150	155.1	0.0	349.4



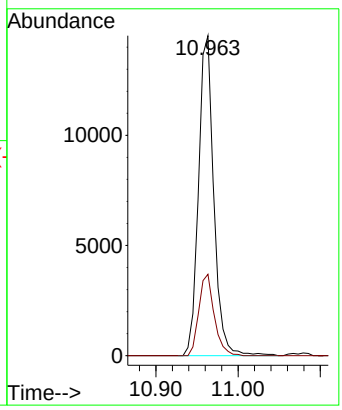
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

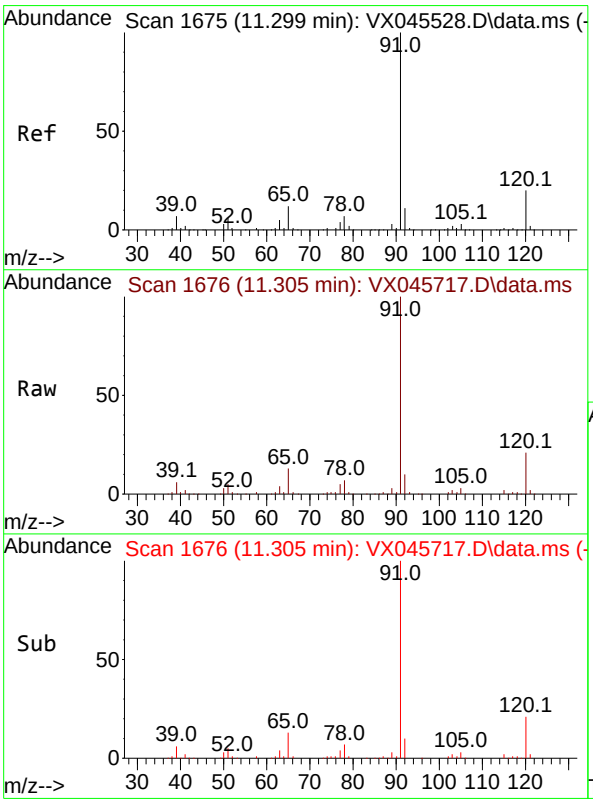


#73
Isopropylbenzene
Concen: 4.911 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:105 Resp: 18757

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.7	38.0

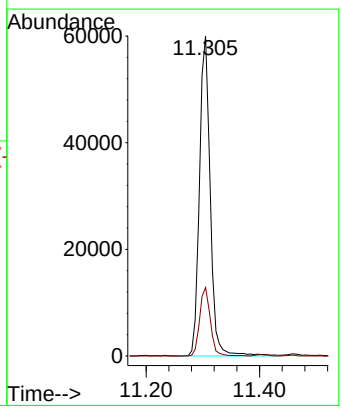




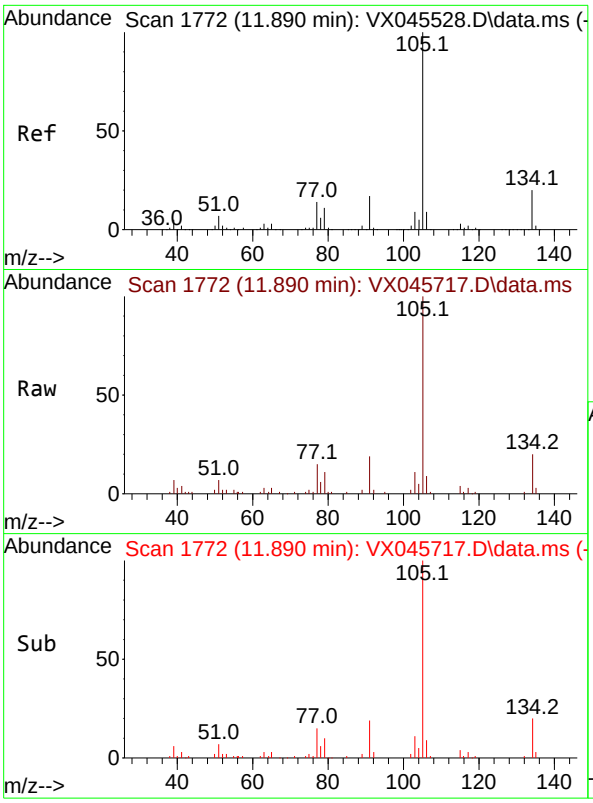
#78
n-propylbenzene
Concen: 17.953 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 91 Resp: 78977

Ion	Ratio	Lower	Upper
91	100		
120	21.0	10.8	32.3



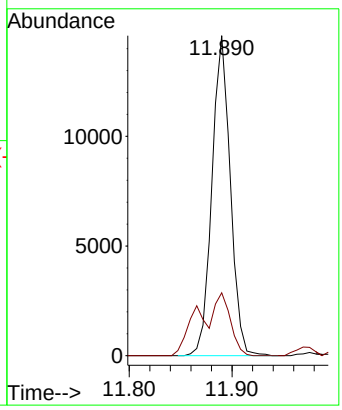
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

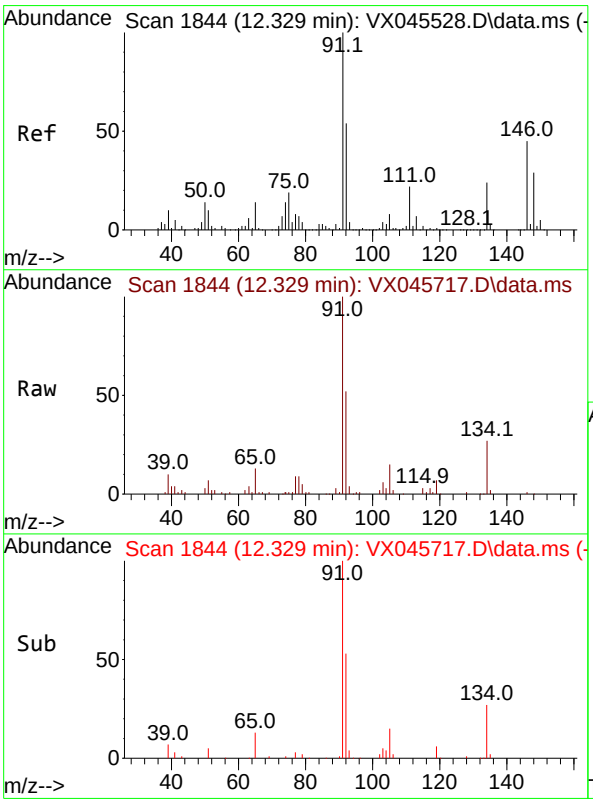


#85
sec-Butylbenzene
Concen: 4.703 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:105 Resp: 18063

Ion	Ratio	Lower	Upper
105	100		
134	17.3	9.6	28.6

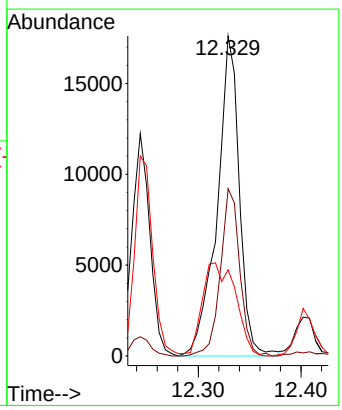


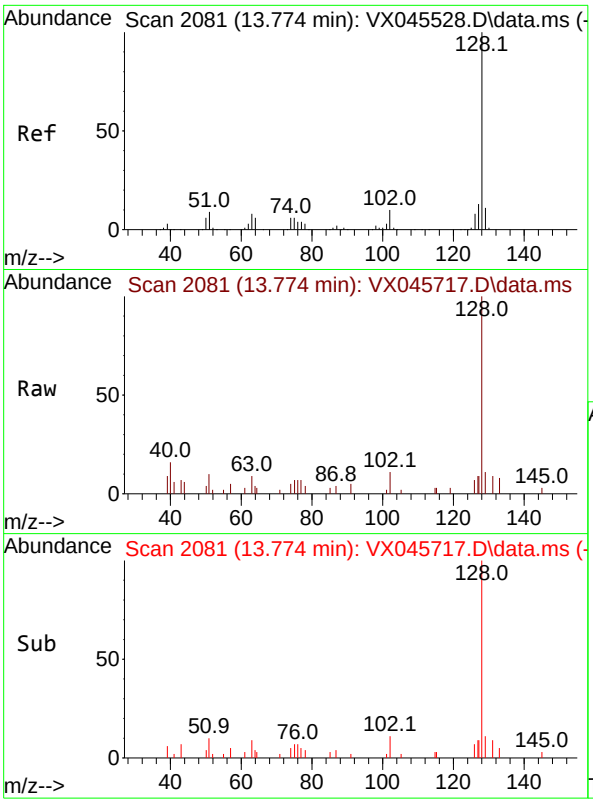


#89
n-Butylbenzene
Concen: 9.650 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 91 Resp: 26495

Ion	Ratio	Lower	Upper
91	100		
92	45.5	26.9	80.6
134	43.5	11.9	35.7#



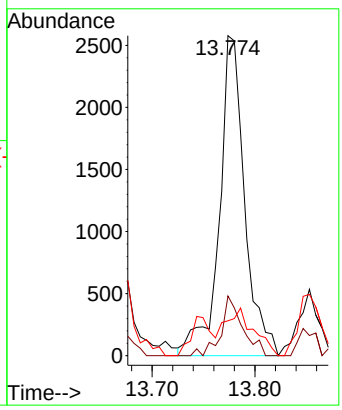


#95
Naphthalene
Concen: 1.332 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Tgt Ion:128 Resp: 4406

Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.3	15.5#
129	16.8	8.6	12.8#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Time: Apr 10 01:37:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

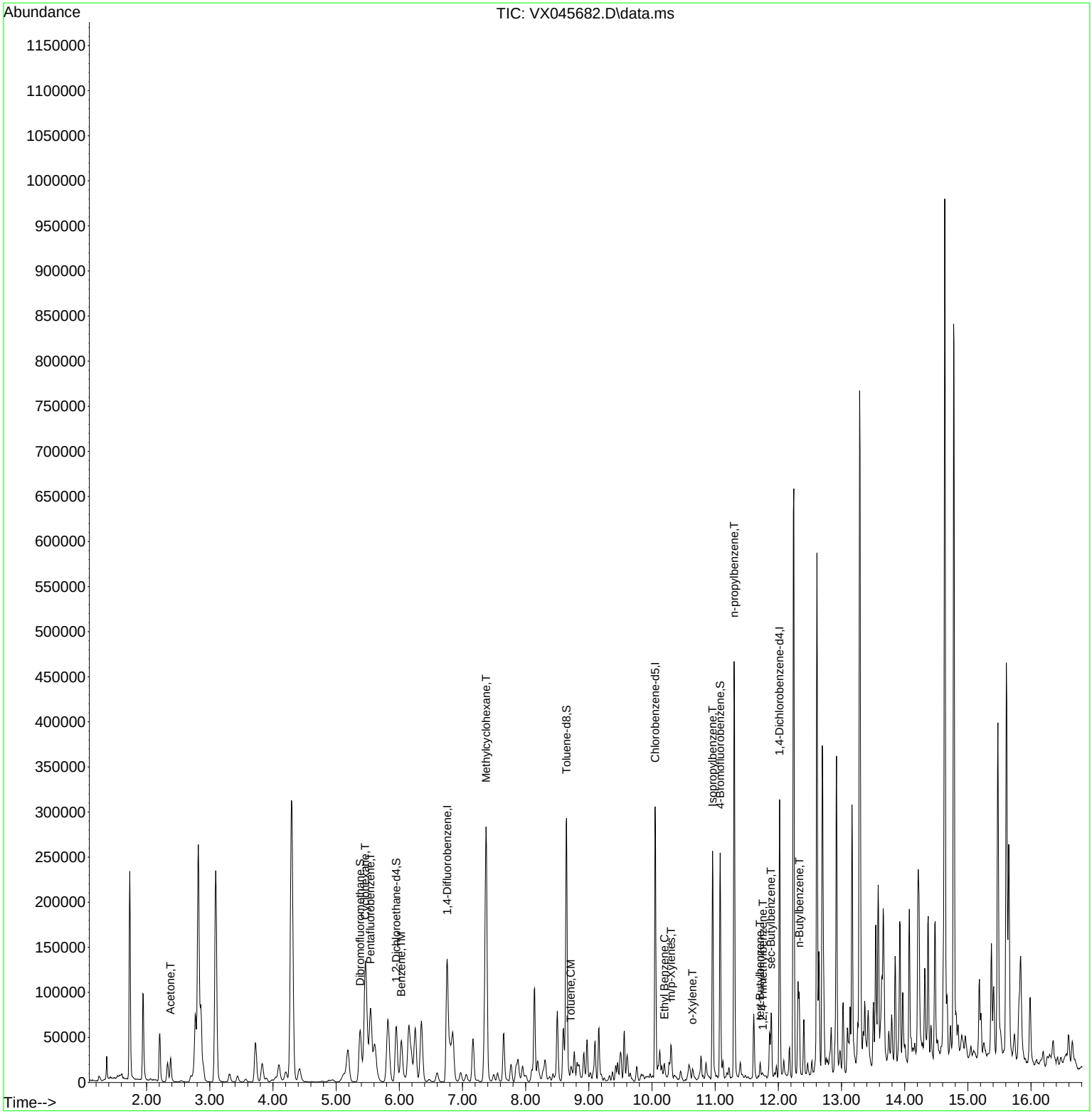
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	66105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63851	52.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.640%			
35) Dibromofluoromethane	5.379	113	46585	50.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	8.647	98	163312	50.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	66536	56.883	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.760%			
Target Compounds						Qvalue
16) Acetone	2.380	43	27855	56.114	ug/l	98
31) Cyclohexane	5.458	56	91795	61.901	ug/l	97
39) Methylcyclohexane	7.373	83	113339	74.432	ug/l	94
40) Benzene	6.032	78	54686	14.414	ug/l	98
52) Toluene	8.714	92	5603	2.441	ug/l	95
67) Ethyl Benzene	10.195	91	9335	2.014	ug/l	99
68) m/p-Xylenes	10.299	106	6369	3.778	ug/l	91
69) o-Xylene	10.640	106	2384	1.435	ug/l	89
73) Isopropylbenzene	10.957	105	122812	27.838	ug/l	100
78) n-propylbenzene	11.299	91	280633	55.226	ug/l	100
83) tert-Butylbenzene	11.707	119	4642	1.285	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1605	0.438	ug/l	89
85) sec-Butylbenzene	11.884	105	36522	8.233	ug/l	98
89) n-Butylbenzene	12.329	91	40738	12.845	ug/l #	81

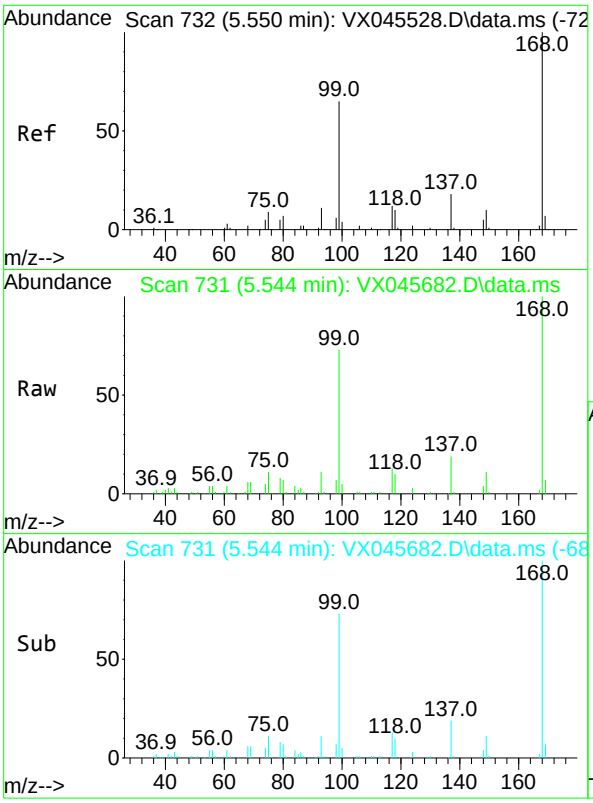
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Time: Apr 10 01:37:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



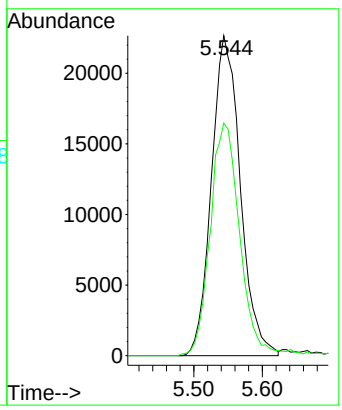


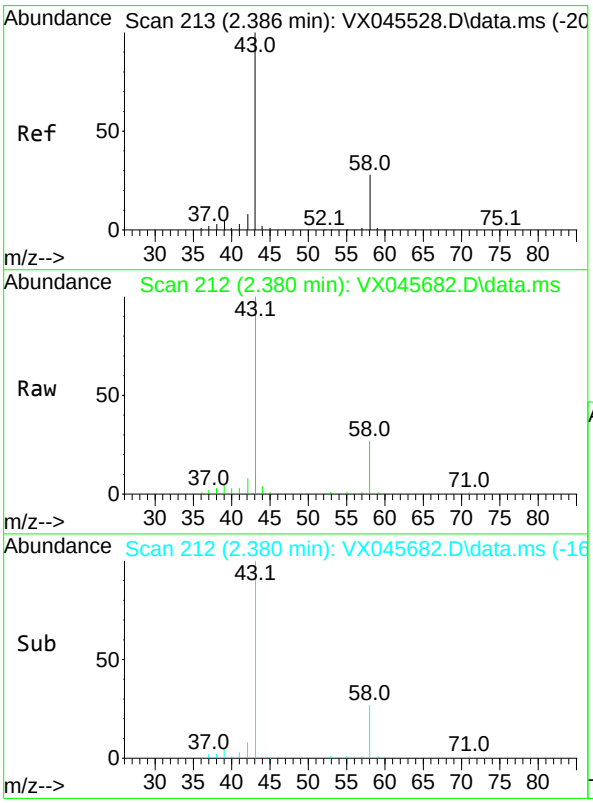
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:168 Resp: 66105

Ion	Ratio	Lower	Upper
168	100		
99	72.6	52.3	78.5

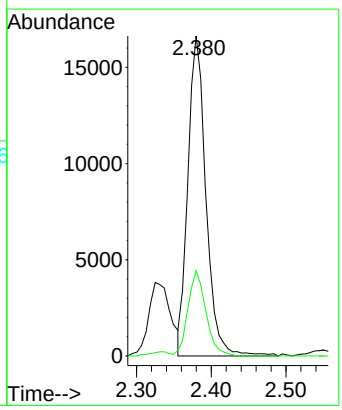


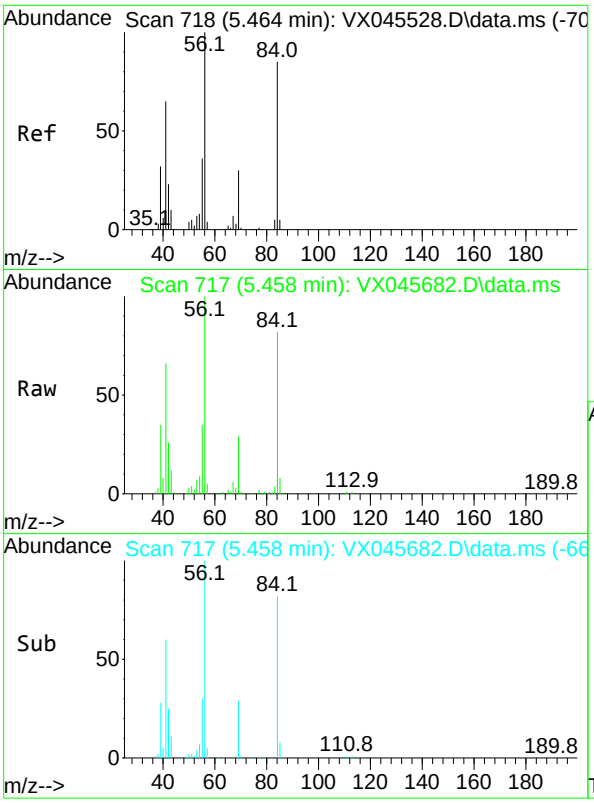


#16
Acetone
Concen: 56.114 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 43 Resp: 27855

Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.3	33.5



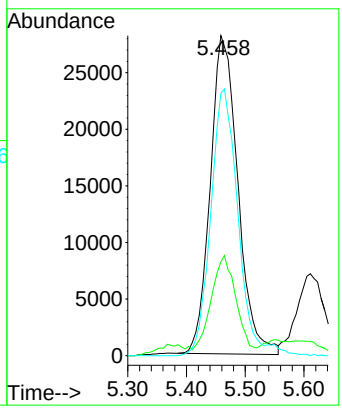


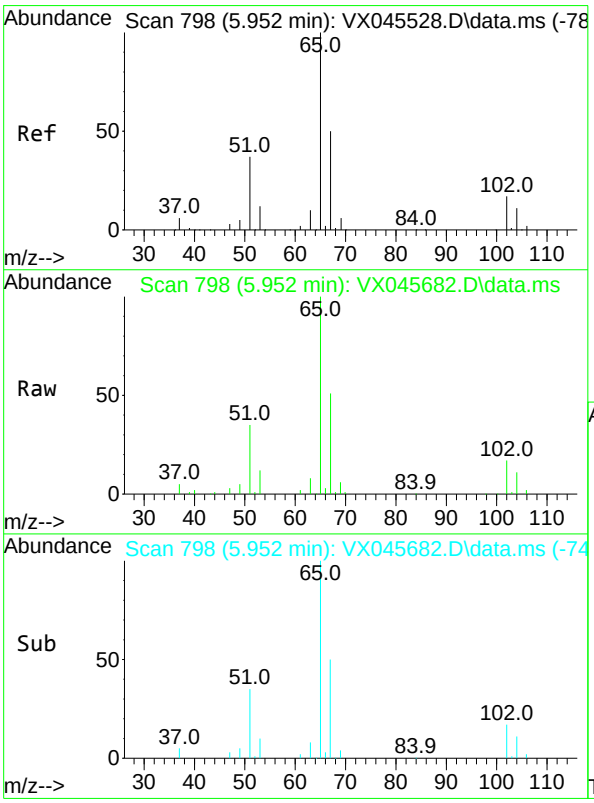
#31
Cyclohexane
Concen: 61.901 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 56 Resp: 91795

Ion	Ratio	Lower	Upper
56	100		
69	26.1	23.6	35.4
84	82.6	67.7	101.5

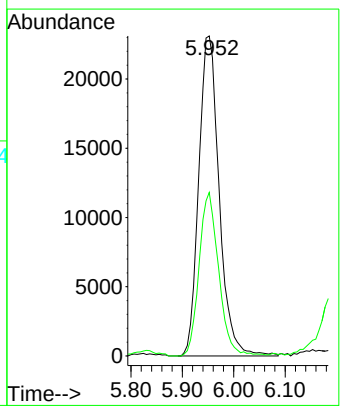


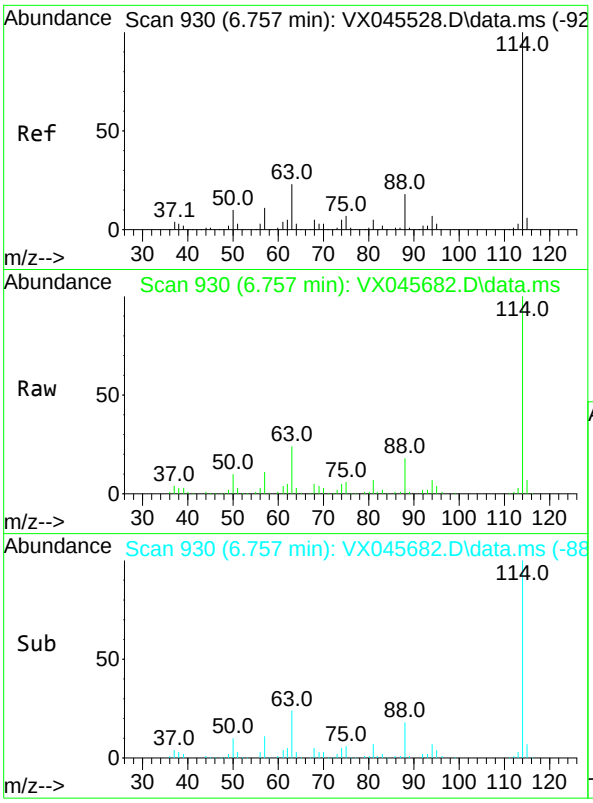


#33
1,2-Dichloroethane-d4
Concen: 52.818 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 65 Resp: 63851

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.0



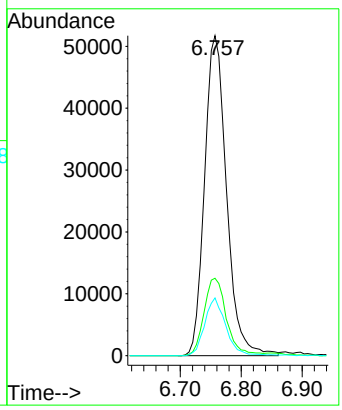


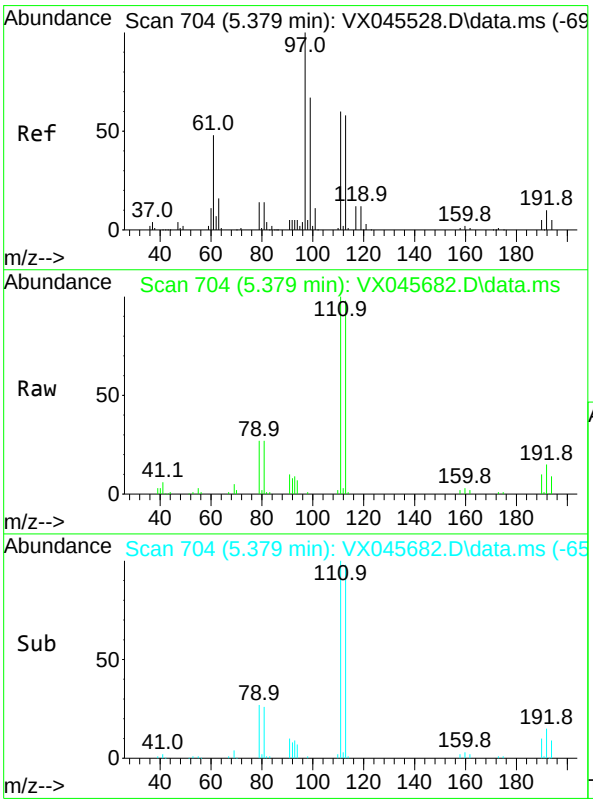
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:114 Resp: 129673

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	46.8
88	18.0	0.0	35.4

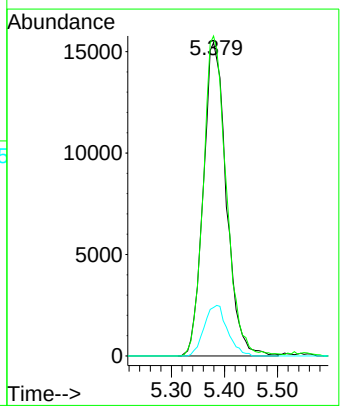




#35
Dibromofluoromethane
Concen: 50.634 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

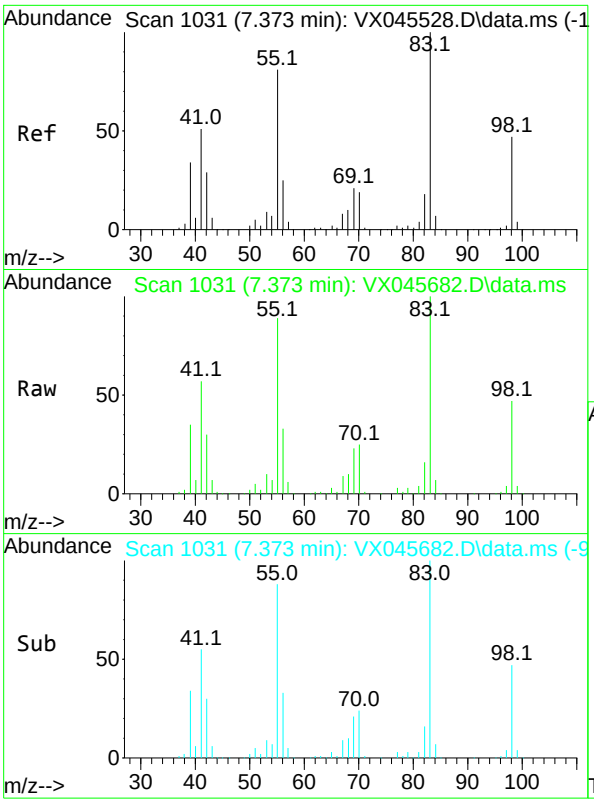
Tgt Ion:113 Resp: 46585

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	16.3	13.8	20.6



5

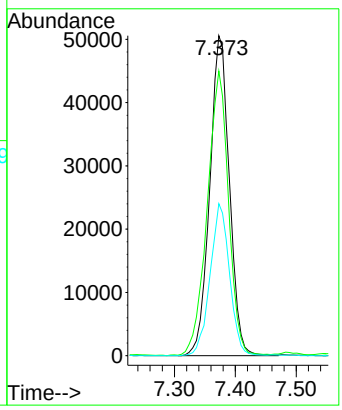
Instrument :
MSVOA_X
ClientSampleId :
MW5

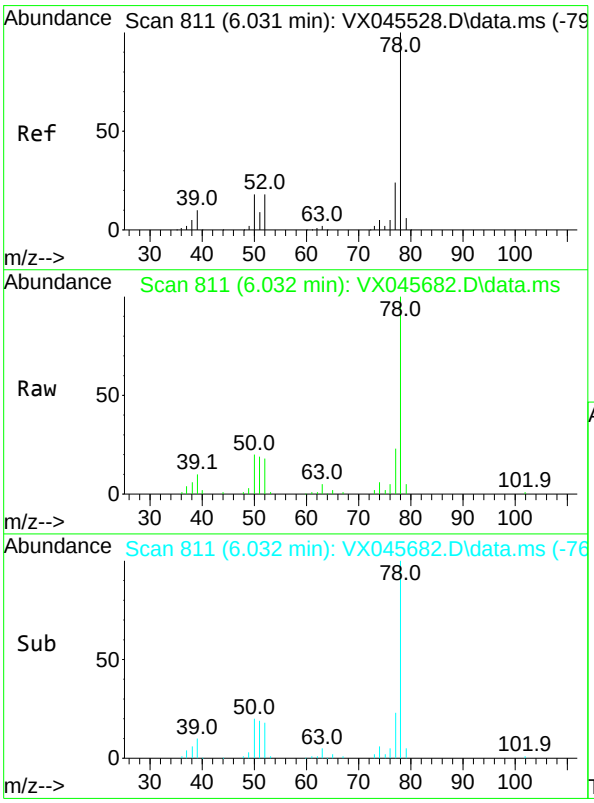


#39
Methylcyclohexane
Concen: 74.432 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 83 Resp: 113339

Ion	Ratio	Lower	Upper
83	100		
55	88.8	64.9	97.3
98	47.5	37.4	56.0

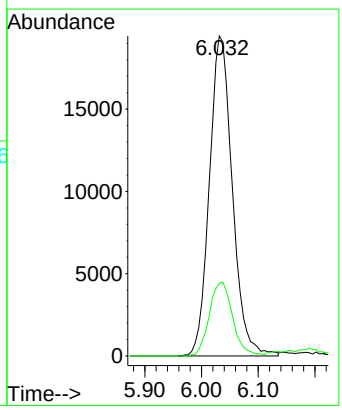




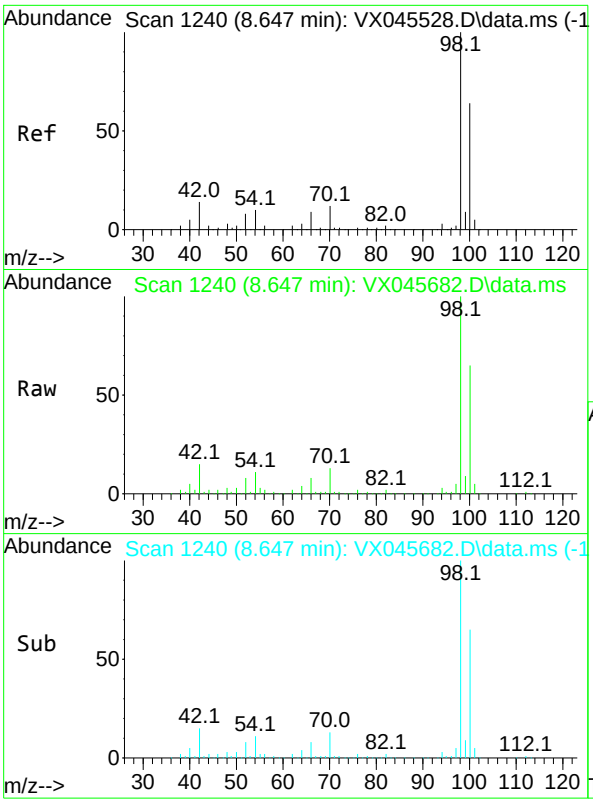
#40
Benzene
Concen: 14.414 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 78 Resp: 54686

Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.6



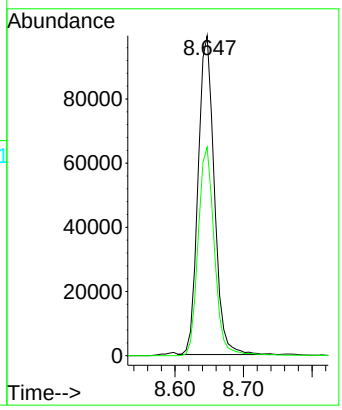
Instrument :
MSVOA_X
ClientSampleId :
MW5

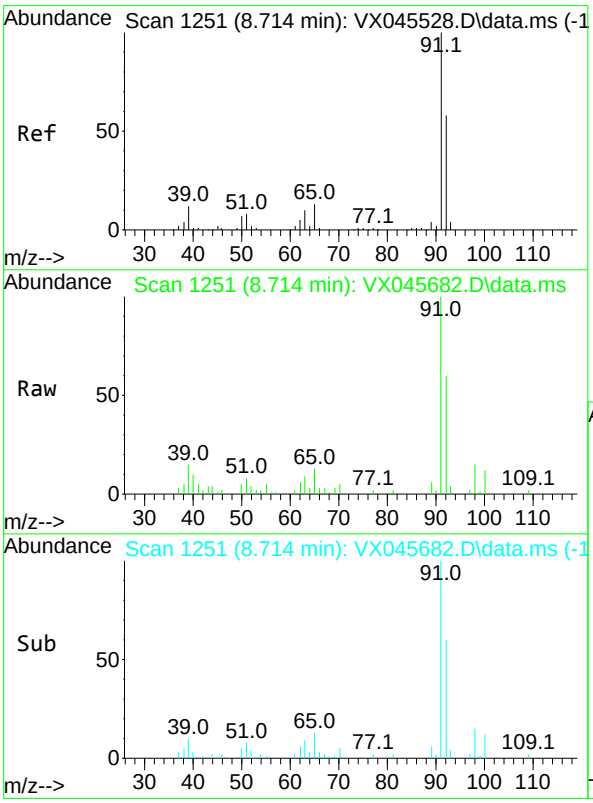


#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 98 Resp: 163312

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.4

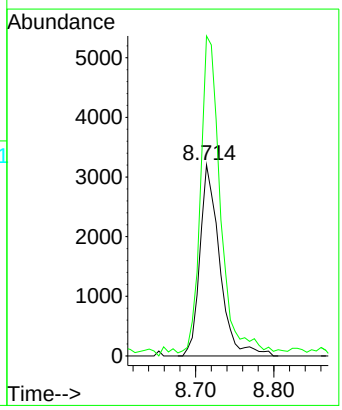


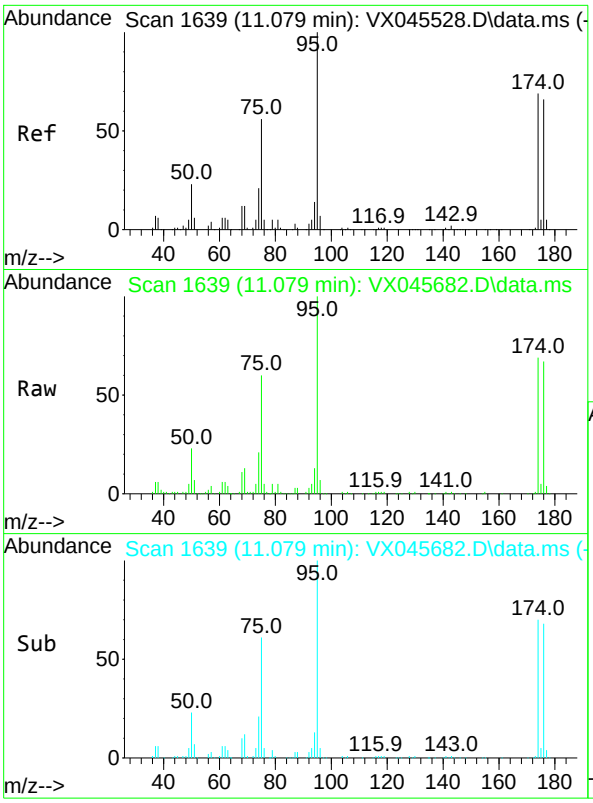


#52
Toluene
Concen: 2.441 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 92 Resp: 5603

Ion	Ratio	Lower	Upper
92	100		
91	166.4	138.7	208.1



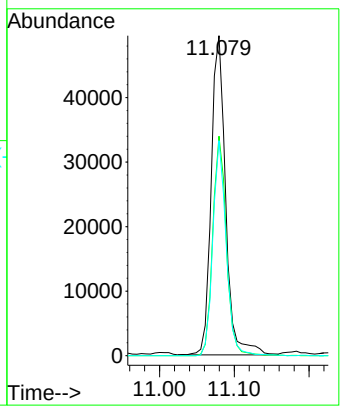


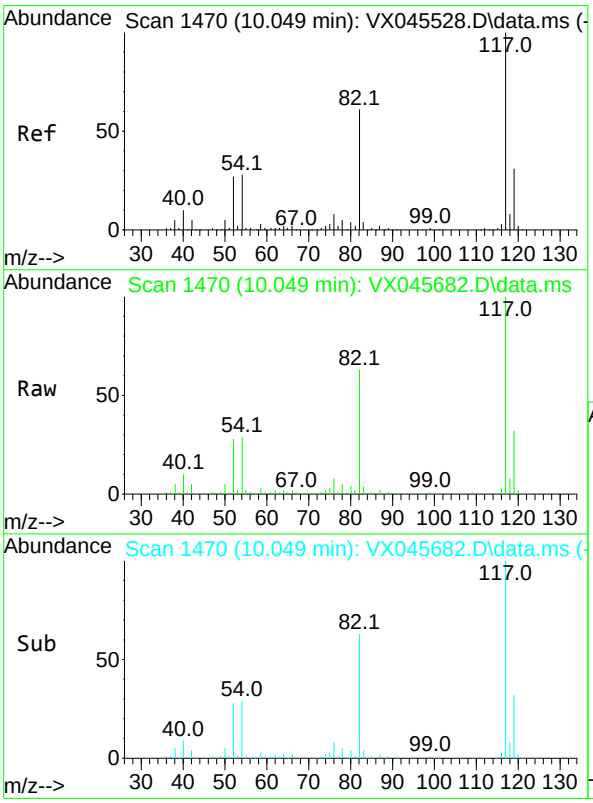
#62
4-Bromofluorobenzene
Concen: 56.883 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 95 Resp: 66536

Ion	Ratio	Lower	Upper
95	100		
174	64.7	0.0	135.8
176	62.3	0.0	131.4

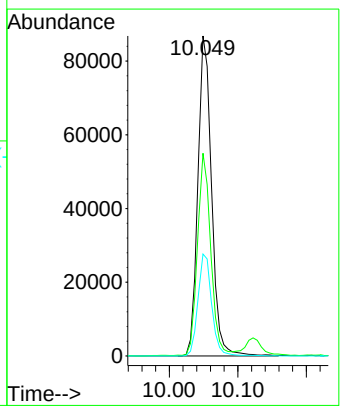


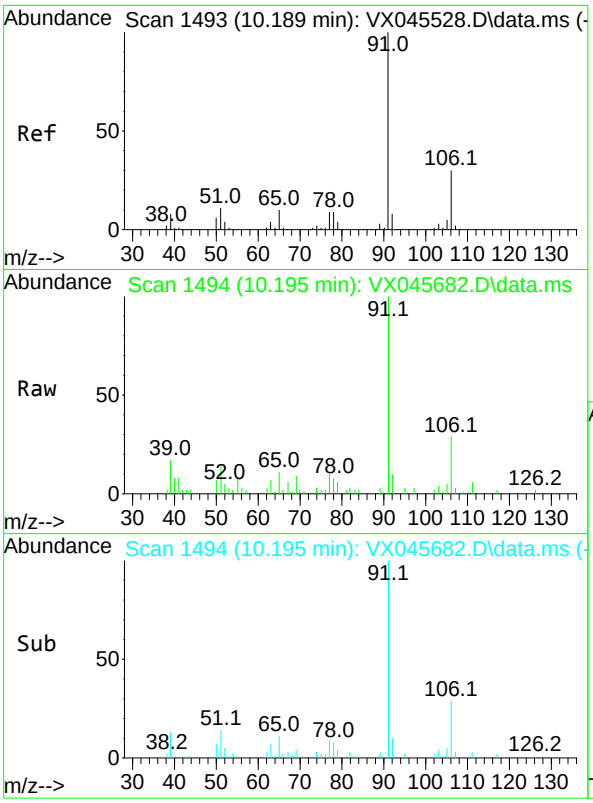


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:117 Resp: 121124

Ion	Ratio	Lower	Upper
117	100		
82	63.1	49.2	73.8
119	31.9	25.1	37.7



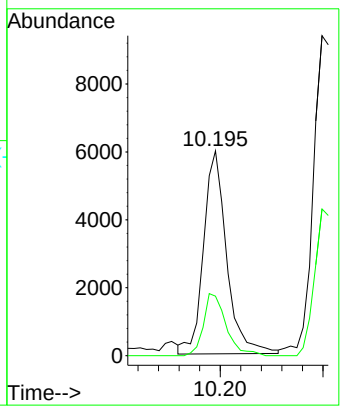


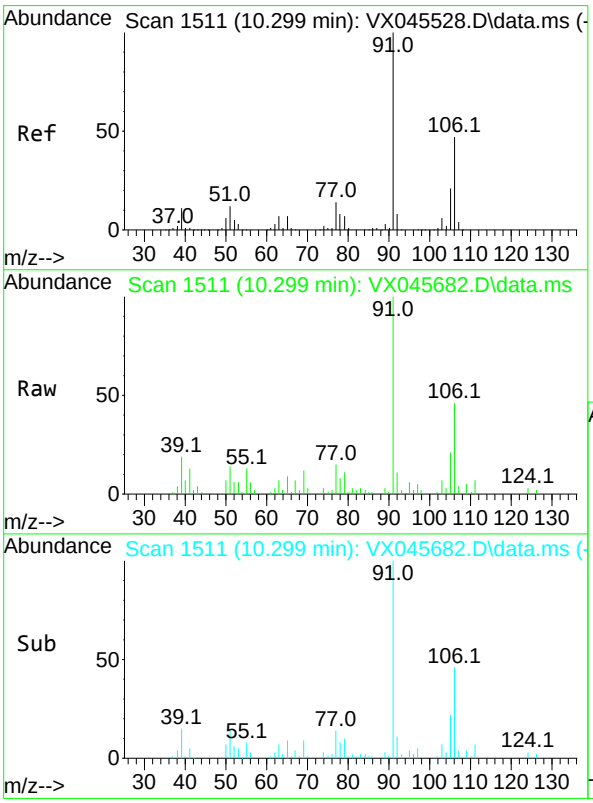
#67
Ethyl Benzene
Concen: 2.014 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 91 Resp: 9335

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.7	35.5

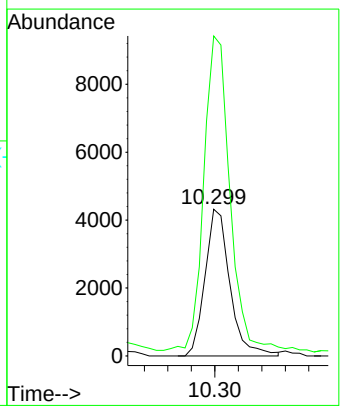


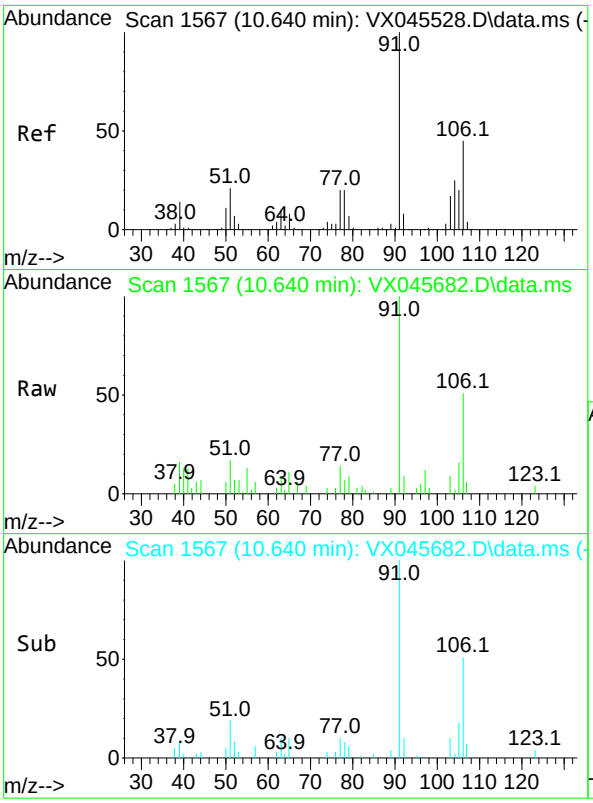


#68
m/p-Xylenes
Concen: 3.778 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:106 Resp: 6369

Ion	Ratio	Lower	Upper
106	100		
91	230.5	172.6	258.8



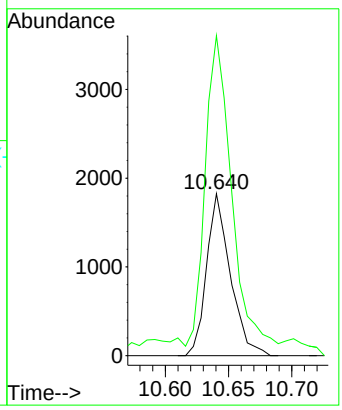


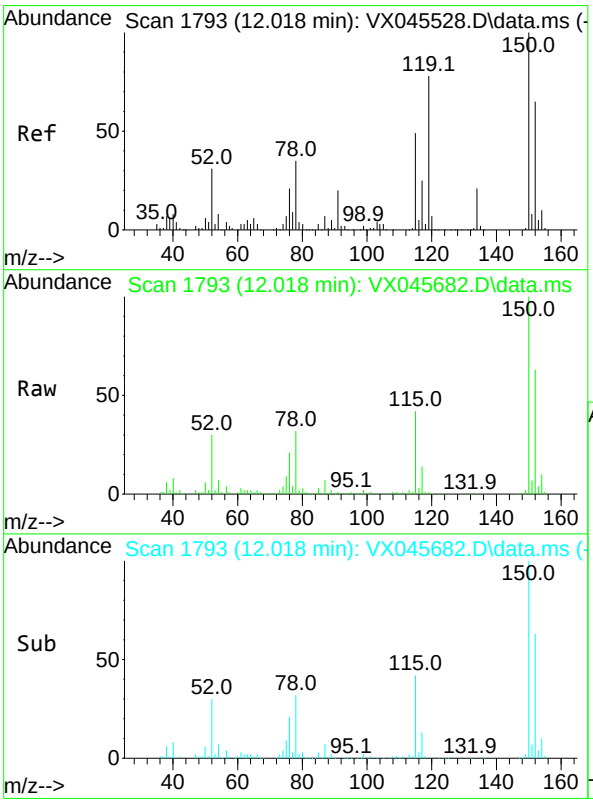
#69
o-Xylene
Concen: 1.435 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:106 Resp: 2384

Ion	Ratio	Lower	Upper
106	100		
91	209.4	113.6	340.6

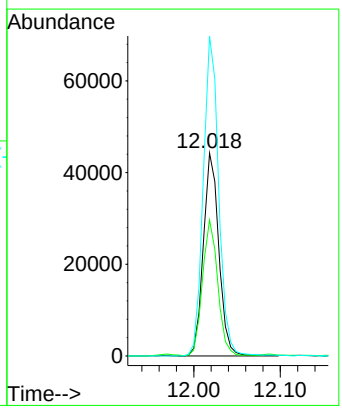


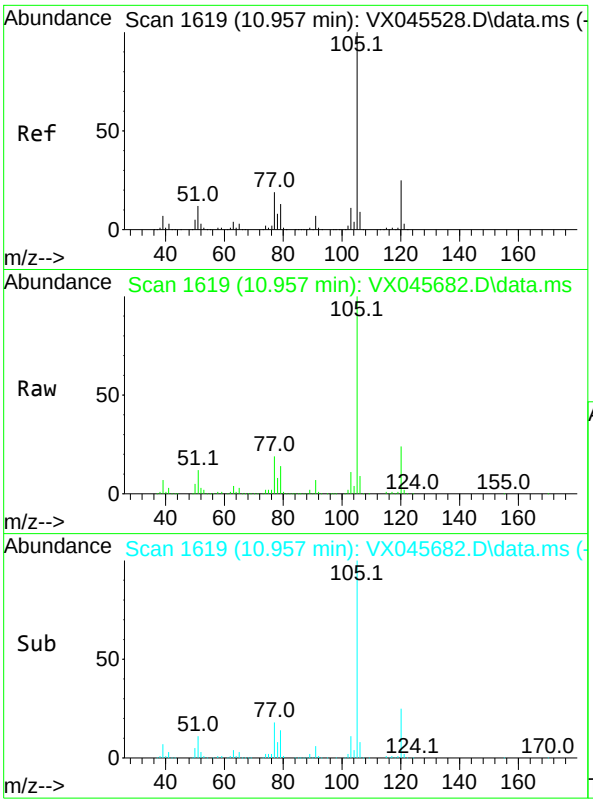


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:152 Resp: 55077

Ion	Ratio	Lower	Upper
152	100		
115	65.4	46.9	140.7
150	157.0	0.0	349.4



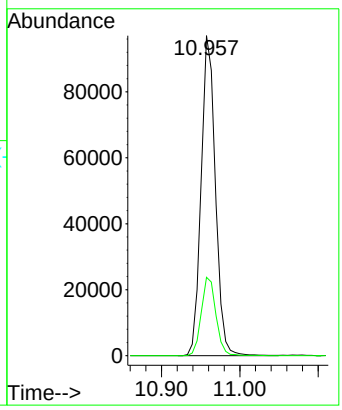


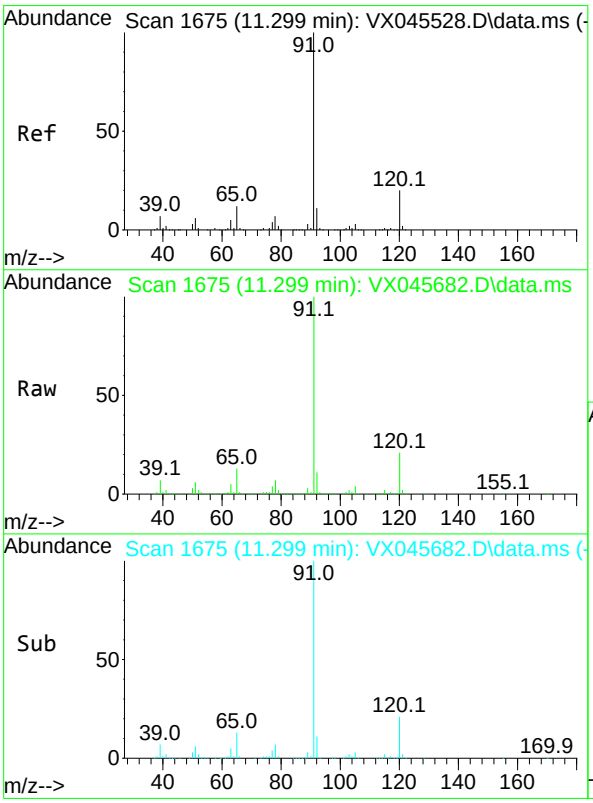
#73
Isopropylbenzene
Concen: 27.838 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:105 Resp: 122812

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.7	38.0

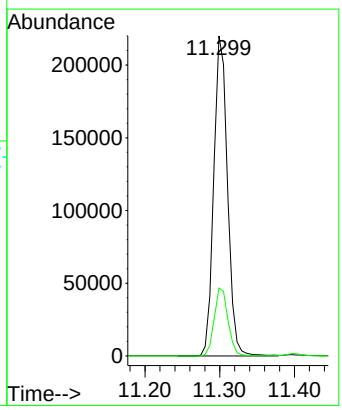


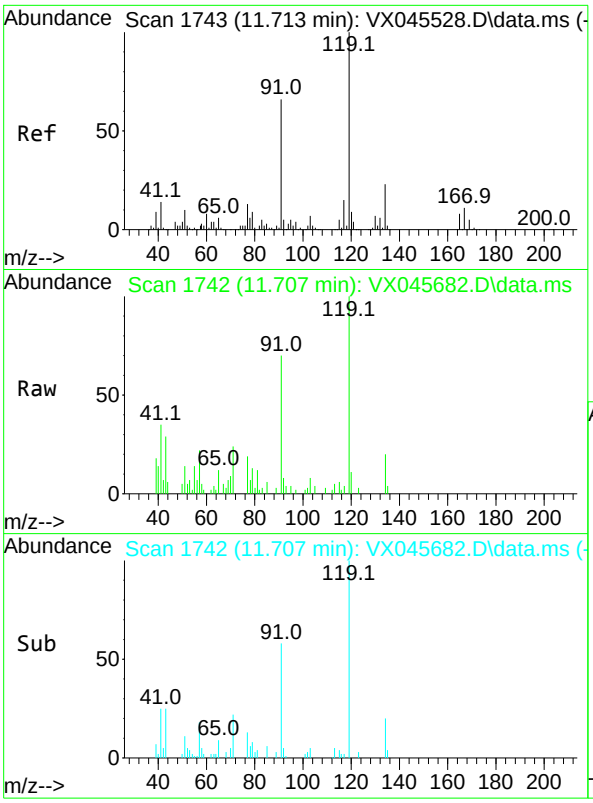


#78
n-propylbenzene
Concen: 55.226 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 91 Resp: 280633

Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.3



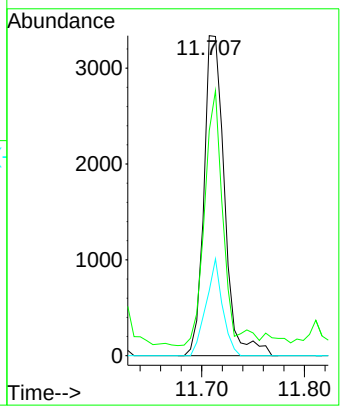


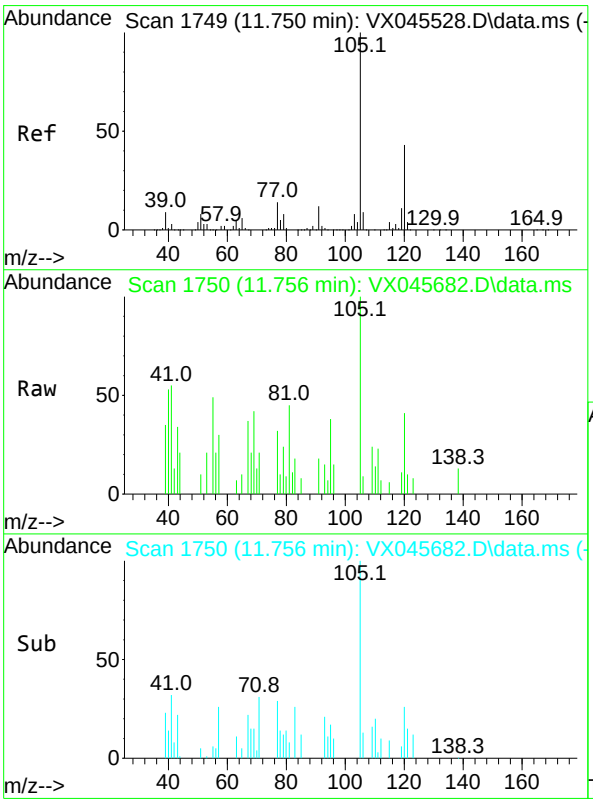
#83
tert-Butylbenzene
Concen: 1.285 ug/l
RT: 11.707 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:119 Resp: 4642

Ion	Ratio	Lower	Upper
119	100		
91	69.3	32.4	97.2
134	24.3	11.5	34.5

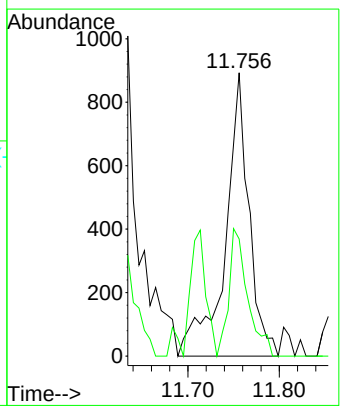


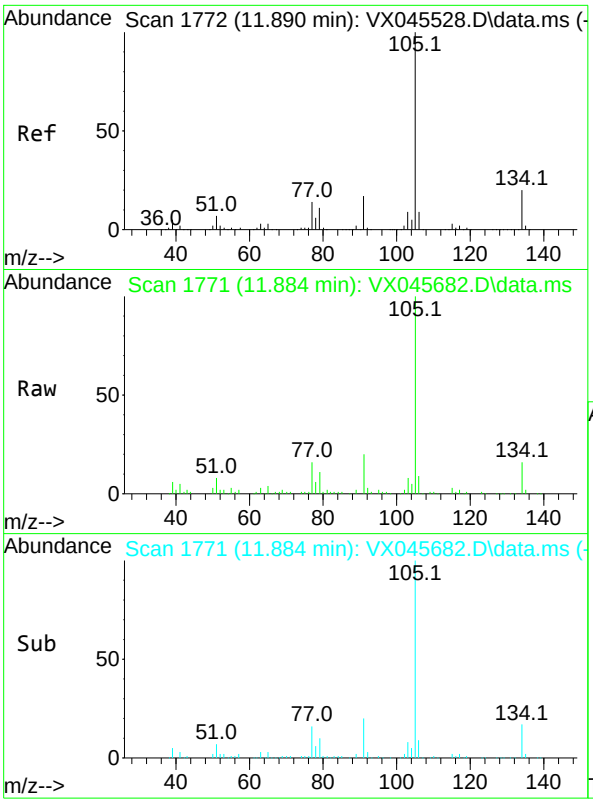


#84
1,2,4-Trimethylbenzene
Concen: 0.438 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:105 Resp: 1605

Ion	Ratio	Lower	Upper
105	100		
120	35.8	21.4	64.3



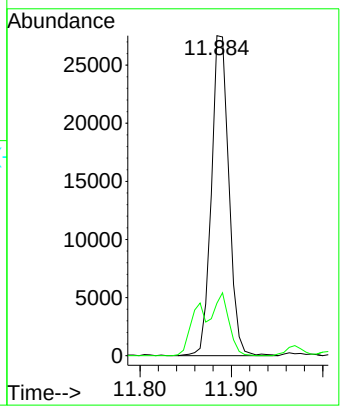


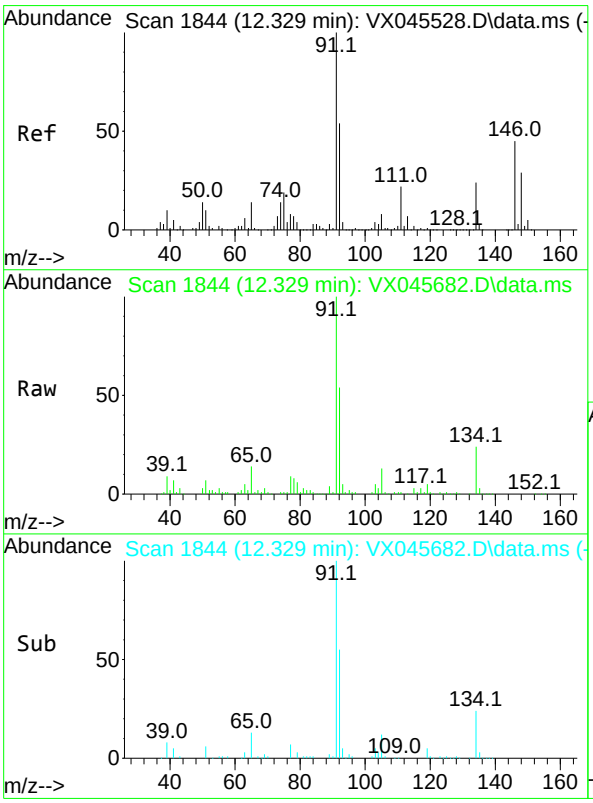
#85
sec-Butylbenzene
Concen: 8.233 ug/l
RT: 11.884 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion:105 Resp: 36522

Ion	Ratio	Lower	Upper
105	100		
134	18.3	9.6	28.6

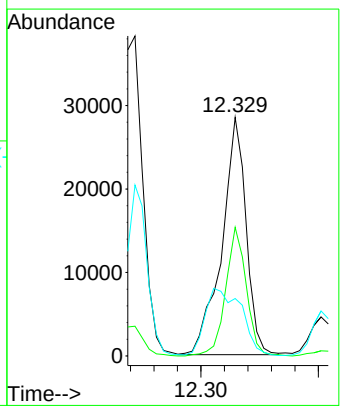




#89
n-Butylbenzene
Concen: 12.845 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 91 Resp: 40738

Ion	Ratio	Lower	Upper
91	100		
92	46.2	26.9	80.6
134	42.9	11.9	35.7#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	101	106	119	rVB	230568	312485	24.18%	1.349%
2	1.941	135	140	152	rVB	95749	147878	11.44%	0.638%
3	2.209	178	184	194	rVB	53076	86728	6.71%	0.374%
4	2.380	208	212	222	rVB	25999	44158	3.42%	0.191%
5	2.770	267	276	279	rBV3	69142	145308	11.24%	0.627%
6	2.819	279	284	289	rVV	204981	364332	28.19%	1.572%
7	3.093	315	329	343	rBV	234389	525212	40.64%	2.267%
8	3.721	422	432	442	rBV2	43252	107121	8.29%	0.462%
9	3.831	442	450	457	rBV2	19269	49490	3.83%	0.214%
10	4.093	487	493	503	rVB2	16692	42436	3.28%	0.183%
11	4.294	516	526	539	rVV	310998	901861	69.78%	3.892%
12	4.422	539	547	560	rVB4	14263	46429	3.59%	0.200%
13	5.184	642	672	687	rBV4	35569	151066	11.69%	0.652%
14	5.379	692	704	710	rBV2	57224	170826	13.22%	0.737%
15	5.465	710	718	726	rBV3	111084	332126	25.70%	1.433%
16	5.544	726	731	737	rVB	48576	114500	8.86%	0.494%
17	5.818	764	776	789	rBV4	68883	220658	17.07%	0.952%
18	5.952	789	798	805	rVV	61108	165582	12.81%	0.715%
19	6.032	805	811	822	rVV2	45479	133133	10.30%	0.575%
20	6.153	822	831	841	rVV4	62159	244874	18.95%	1.057%
21	6.251	841	847	855	rVV2	59078	164865	12.76%	0.712%
22	6.349	855	863	877	rVB2	67145	188798	14.61%	0.815%
23	6.757	921	930	939	rBV2	136494	404772	31.32%	1.747%
24	7.165	989	997	1006	rBV2	47105	107953	8.35%	0.466%
25	7.373	1016	1031	1045	rBV2	282452	704808	54.53%	3.042%
26	7.653	1069	1077	1090	rBV	52839	109254	8.45%	0.472%
27	7.879	1103	1114	1120	rBV4	24663	84849	6.57%	0.366%
28	8.141	1151	1157	1162	rVV	102774	190980	14.78%	0.824%
29	8.190	1162	1165	1174	rVV5	21419	47106	3.64%	0.203%
30	8.305	1174	1184	1191	rVB6	21217	61919	4.79%	0.267%
31	8.501	1208	1216	1225	rVB3	77340	143514	11.10%	0.619%
32	8.598	1225	1232	1235	rBV2	57745	112881	8.73%	0.487%
33	8.647	1235	1240	1248	rVB	284988	488207	37.78%	2.107%
34	8.921	1279	1285	1289	rBV2	26913	42923	3.32%	0.185%
35	8.970	1289	1293	1298	rVB2	41063	61500	4.76%	0.265%
36	9.098	1306	1314	1319	rBV	41797	73365	5.68%	0.317%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

37	9.159	1319	1324	1329	rBV	55414	87294	6.75%	0.377%
38	9.500	1376	1380	1385	rVV3	29669	59002	4.57%	0.255%
39	9.561	1385	1390	1394	rVV	52546	77347	5.98%	0.334%
40	9.604	1394	1397	1402	rVV3	25459	43684	3.38%	0.189%
41	10.049	1465	1470	1476	rBV	300193	406596	31.46%	1.755%
42	10.299	1508	1511	1517	rVV2	38069	64422	4.98%	0.278%
43	10.775	1578	1589	1593	rBV3	26672	47435	3.67%	0.205%
44	10.957	1614	1619	1628	rBV	253067	331052	25.62%	1.429%
45	11.079	1634	1639	1644	rBV	249187	318718	24.66%	1.376%
46	11.299	1670	1675	1686	rVB	460973	586461	45.38%	2.531%
47	11.610	1721	1726	1734	rVB	71817	97061	7.51%	0.419%
48	11.860	1760	1767	1769	rBV	50204	69535	5.38%	0.300%
49	11.884	1769	1771	1777	rVB	70501	91483	7.08%	0.395%
50	12.018	1788	1793	1799	rBV	307599	383275	29.66%	1.654%
51	12.177	1813	1819	1824	rVB	33076	47128	3.65%	0.203%
52	12.244	1824	1830	1836	rBV2	653123	877729	67.91%	3.788%
53	12.311	1836	1841	1843	rBV	101987	146603	11.34%	0.633%
54	12.402	1852	1856	1862	rBV	60877	76432	5.91%	0.330%
55	12.610	1882	1890	1893	rBV	575745	700653	54.21%	3.024%
56	12.640	1893	1895	1900	rVV	128114	158246	12.24%	0.683%
57	12.695	1900	1904	1912	rVV2	355274	565624	43.77%	2.441%
58	12.835	1920	1927	1932	rVB3	49783	91190	7.06%	0.394%
59	12.921	1932	1941	1946	rBV	350660	479468	37.10%	2.069%
60	13.024	1954	1958	1965	rVB2	77794	115441	8.93%	0.498%
61	13.091	1965	1969	1971	rBV	49885	65491	5.07%	0.283%
62	13.134	1974	1976	1978	rVV2	64671	72016	5.57%	0.311%
63	13.164	1978	1981	1991	rVV	287708	369578	28.60%	1.595%
64	13.286	1991	2001	2008	rVV2	745615	1131645	87.56%	4.884%
65	13.366	2012	2014	2020	rVV	64969	99095	7.67%	0.428%
66	13.420	2020	2023	2032	rVB4	61365	101917	7.89%	0.440%
67	13.506	2032	2037	2039	rBV2	70124	92734	7.18%	0.400%
68	13.542	2039	2043	2046	rVV	145536	200608	15.52%	0.866%
69	13.579	2046	2049	2053	rVV2	188990	265748	20.56%	1.147%
70	13.640	2053	2059	2060	rVV2	86493	151545	11.73%	0.654%
71	13.658	2060	2062	2071	rVB2	168610	268943	20.81%	1.161%
72	13.750	2072	2077	2080	rBV	31981	44648	3.45%	0.193%
73	13.792	2080	2084	2089	rVB3	49240	68108	5.27%	0.294%
74	13.847	2089	2093	2098	rVB2	116082	155132	12.00%	0.670%
75	13.920	2098	2105	2110	rBV2	154752	235048	18.19%	1.014%
76	13.969	2110	2113	2117	rBV	66897	84273	6.52%	0.364%

Sample Results: **VX045682.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

77	14.073	2125	2130	2134	rBV	170049	231991	17.95%	1.001%
78	14.213	2148	2153	2163	rVV2	202456	422705	32.71%	1.824%
79	14.317	2166	2170	2174	rVV	89110	111513	8.63%	0.481%
80	14.371	2175	2179	2183	rVB	150619	195135	15.10%	0.842%
81	14.414	2183	2186	2192	rVB2	36681	51181	3.96%	0.221%
82	14.481	2192	2197	2201	rBV2	151637	228468	17.68%	0.986%
83	14.634	2214	2222	2226	rVV	948218	1292401	100.00%	5.578%
84	14.670	2226	2228	2232	rVV2	64733	75996	5.88%	0.328%
85	14.725	2233	2237	2240	rVV2	31956	43196	3.34%	0.186%
86	14.774	2240	2245	2250	rVV	810372	1091640	84.47%	4.711%
87	14.841	2254	2256	2260	rVV4	33143	46444	3.59%	0.200%
88	14.902	2263	2266	2272	rVV4	21987	50715	3.92%	0.219%
89	14.957	2273	2275	2283	rVB6	24155	42635	3.30%	0.184%
90	15.182	2306	2312	2314	rBV	85227	124422	9.63%	0.537%
91	15.371	2338	2343	2346	rBV	120498	171944	13.30%	0.742%
92	15.408	2346	2349	2354	rVV3	73728	112199	8.68%	0.484%
93	15.475	2354	2360	2372	rVV	367055	605349	46.84%	2.613%
94	15.609	2376	2382	2386	rVV	435517	706528	54.67%	3.049%
95	15.646	2386	2388	2397	rVV	235247	327837	25.37%	1.415%
96	15.737	2398	2403	2408	rVB4	26877	51628	3.99%	0.223%
97	15.835	2410	2419	2429	rVB	114368	315871	24.44%	1.363%
98	15.987	2437	2444	2456	rVB	74370	145016	11.22%	0.626%
99	16.353	2499	2504	2511	rVB2	24779	52075	4.03%	0.225%
100	16.591	2539	2543	2549	rVB2	28544	51088	3.95%	0.220%

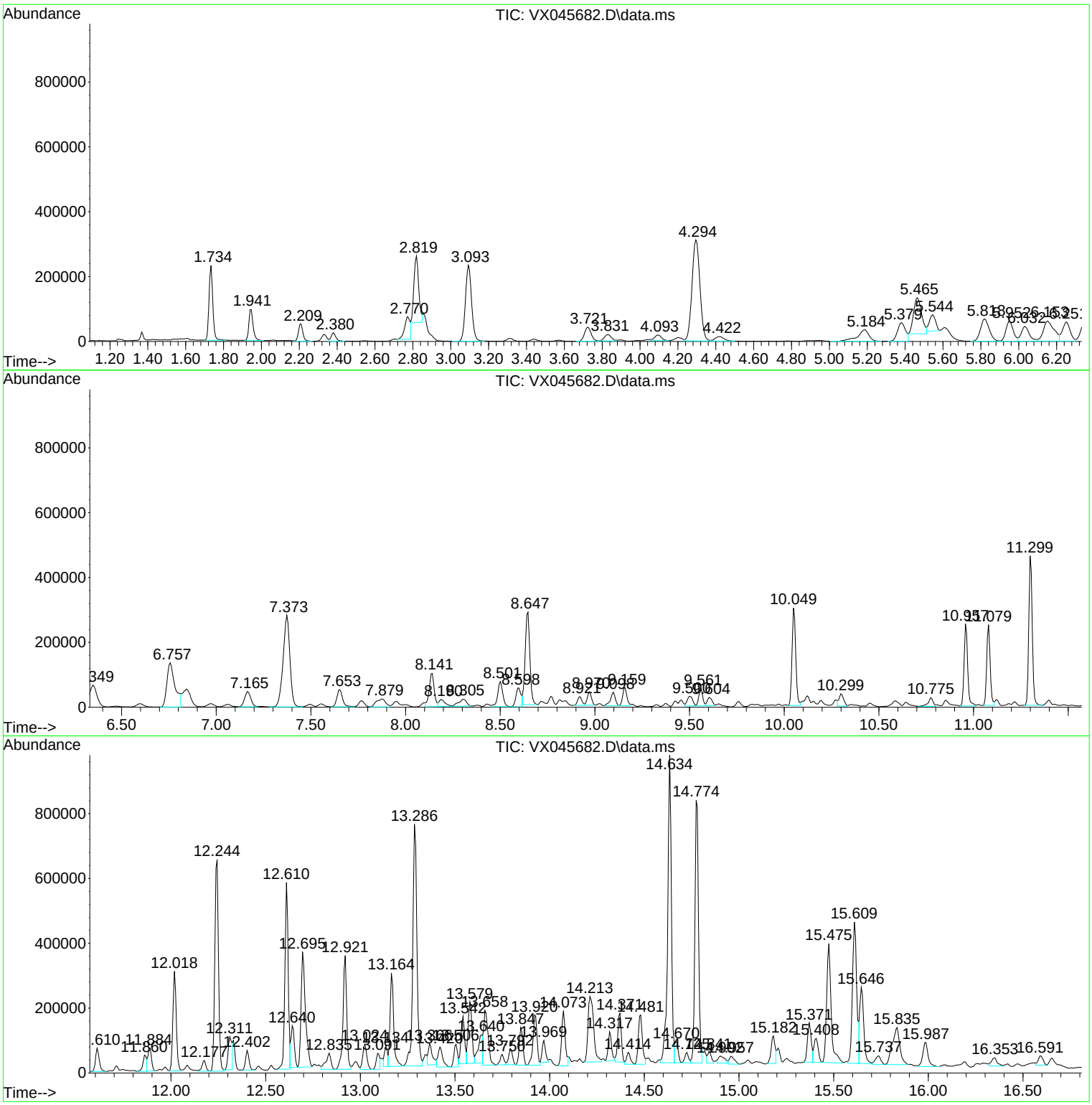
Sum of corrected areas: 23170282

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

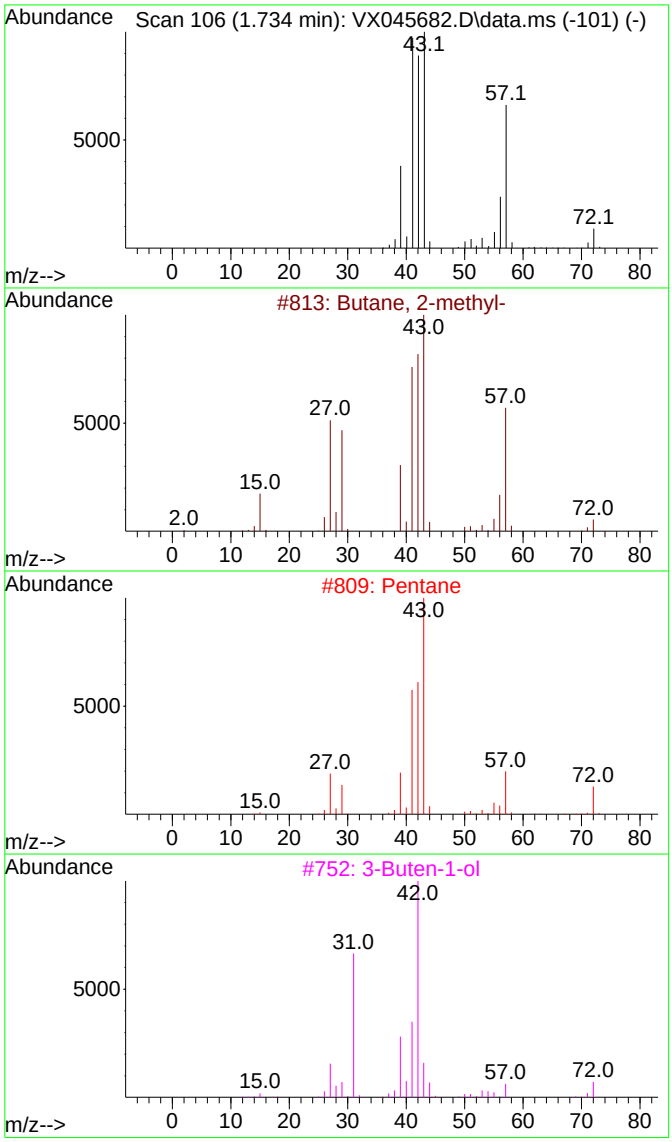
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

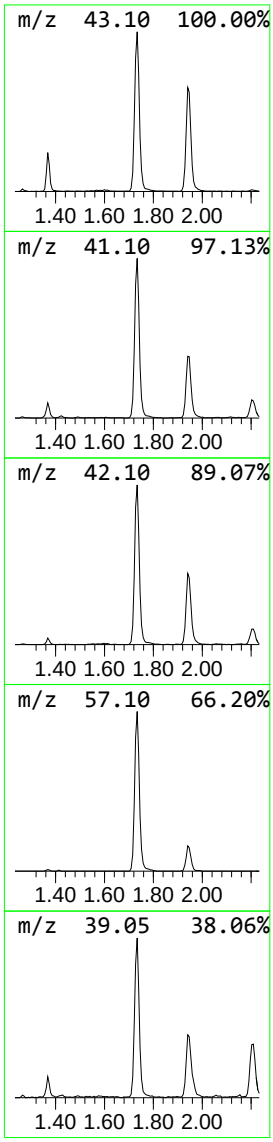
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.734	136.46 ug/l	312485	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	64
2	Pentane	72	C5H12	000109-66-0	38
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
4	1-Butene	56	C4H8	000106-98-9	16
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

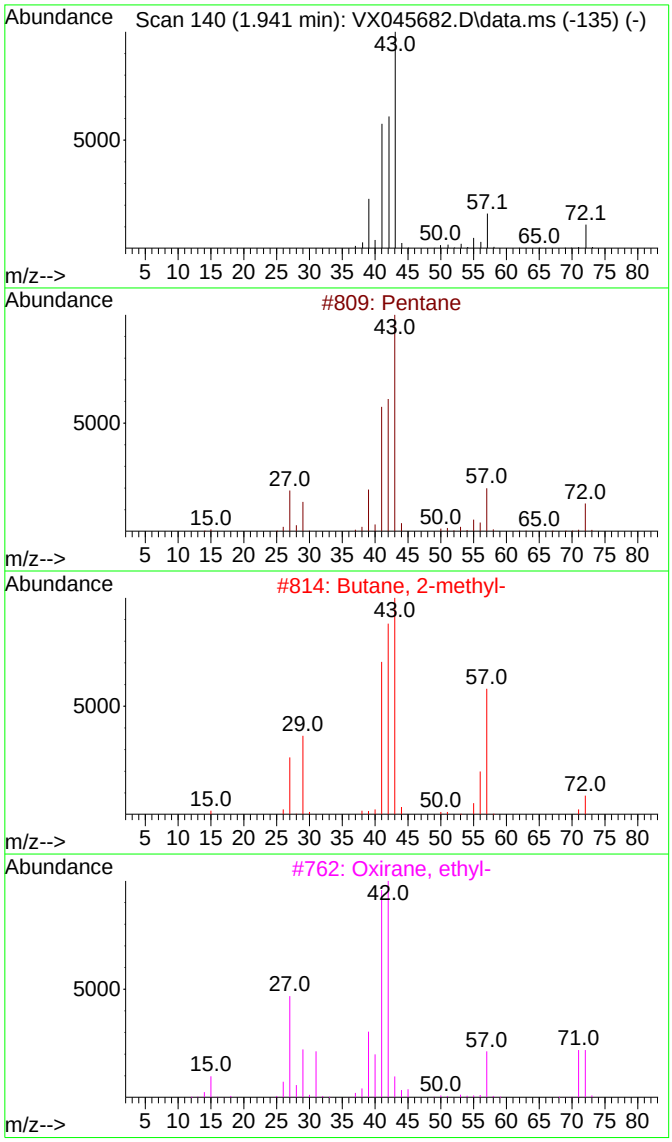
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

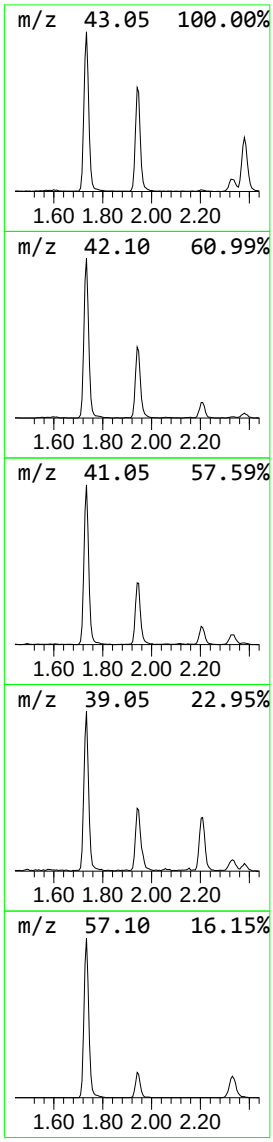
****

Peak Number 2 Pentane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.941	64.58 ug/l	147878	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	32
5	Isobutyl nitrite	103	C4H9NO2	000542-56-3	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

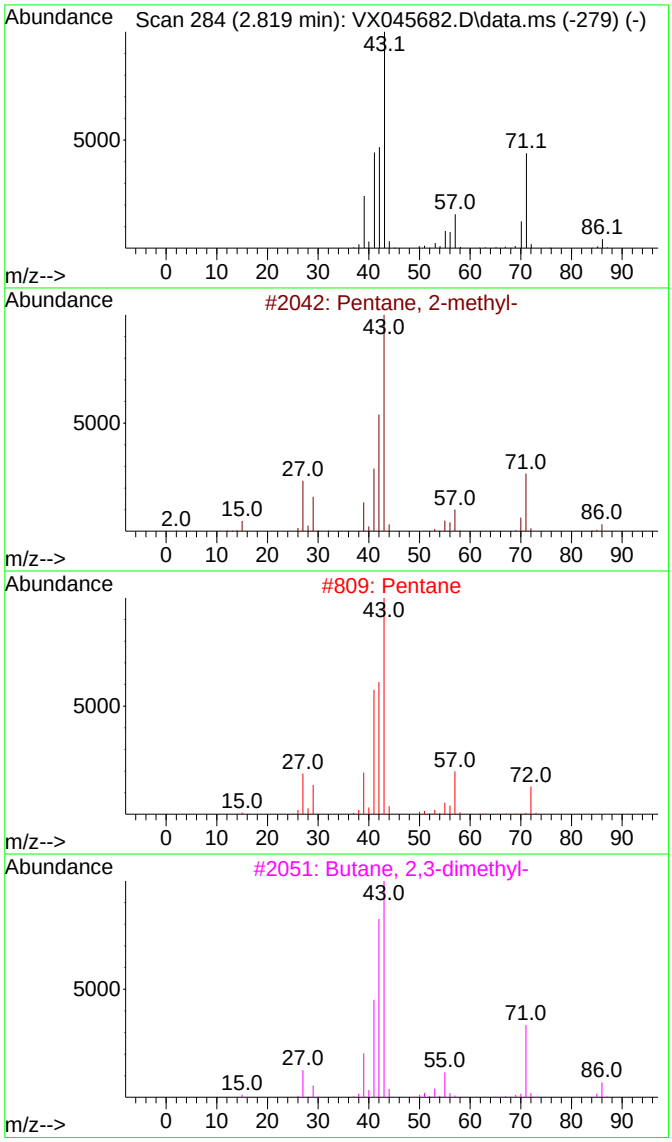
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

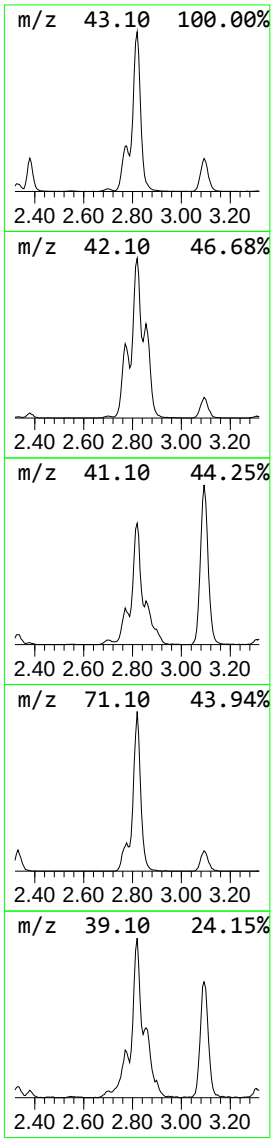
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	159.10 ug/l	364332	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane	72	C5H12	000109-66-0	47
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	46
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

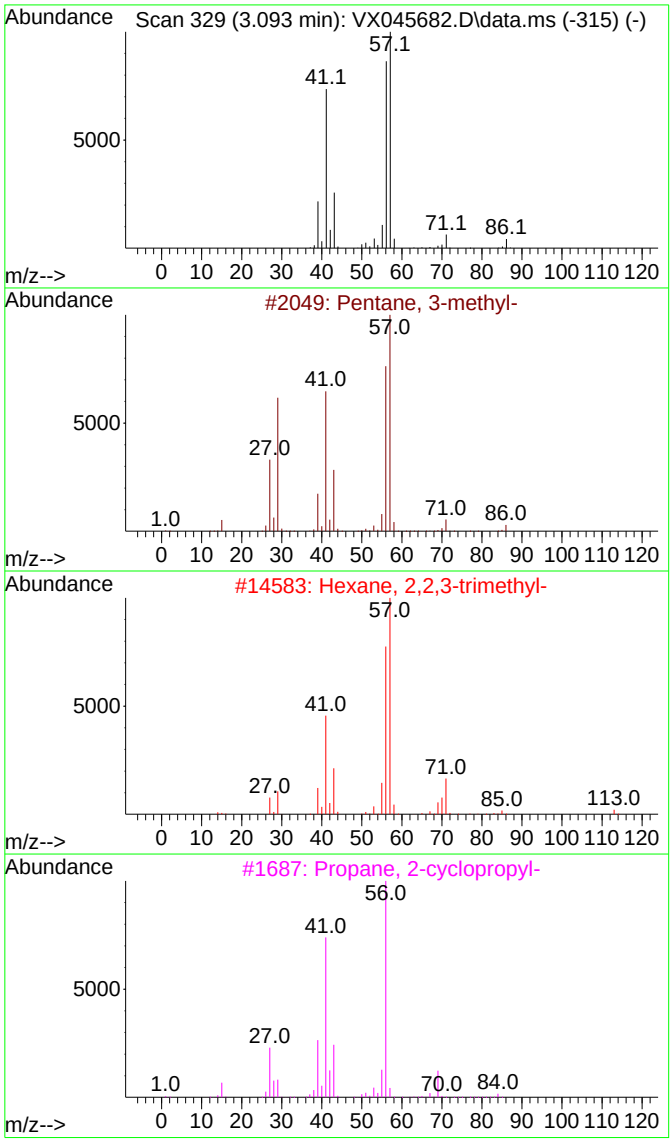
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

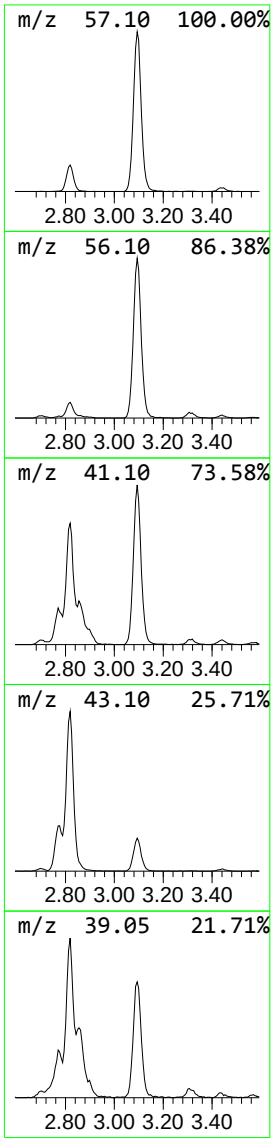
****

Peak Number 4 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	229.35 ug/l	525212	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	45
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40





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Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

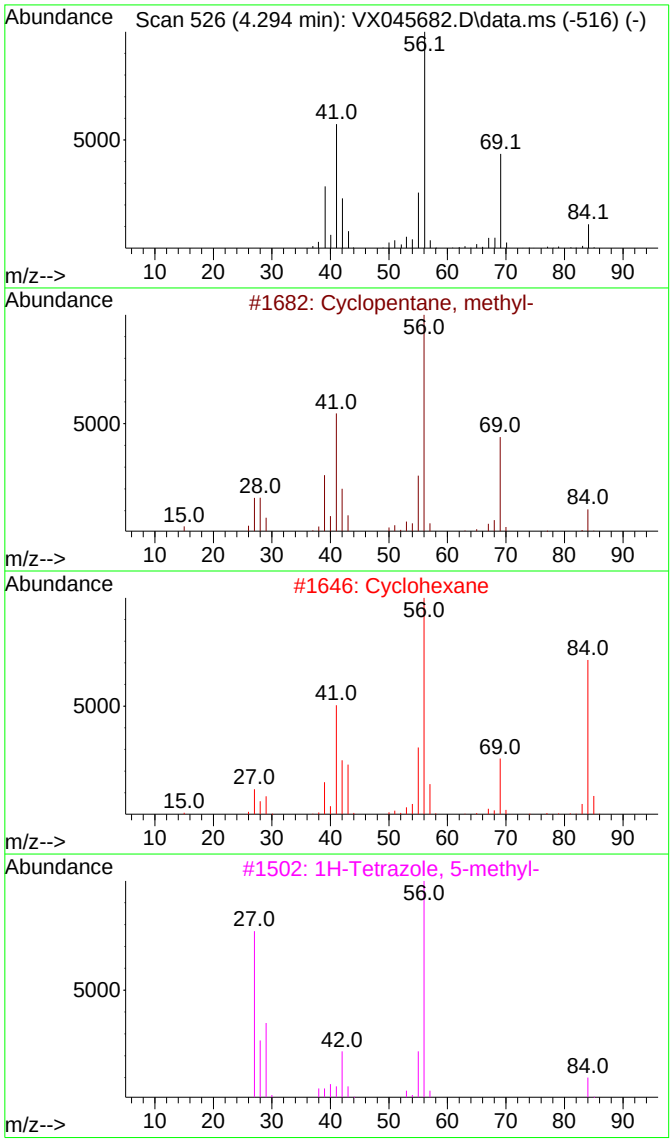
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

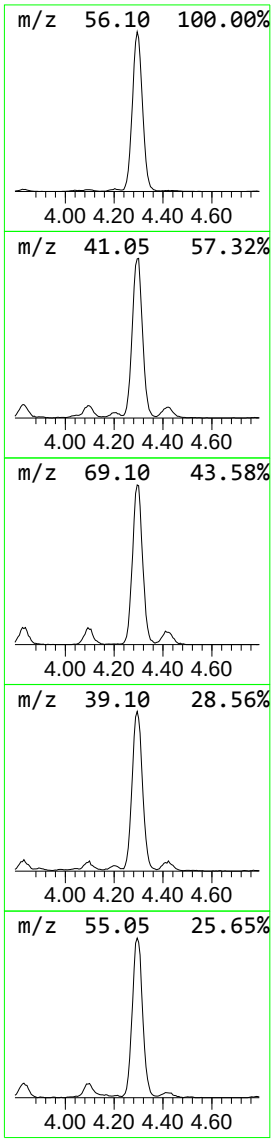
****

Peak Number 5 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	393.83 ug/l	901861	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane	56	C4H8	000287-23-0	53





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Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

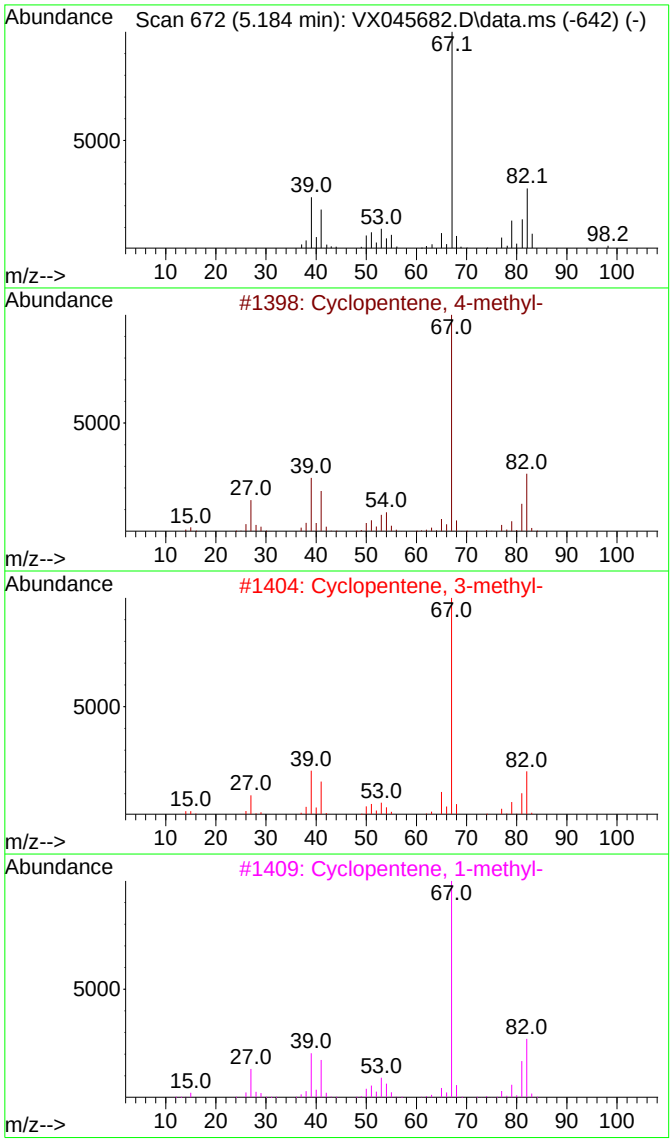
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

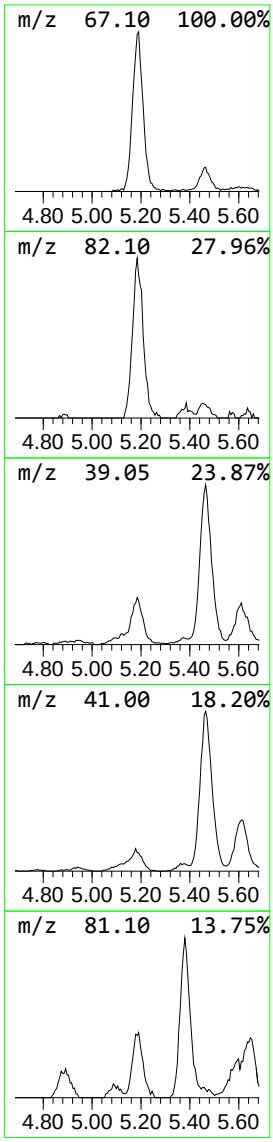
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.184	65.97 ug/l	151066	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	83
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	83
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	81
4	Cyclopentane, methylene-	82	C6H10	001528-30-9	80
5	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	80





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Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

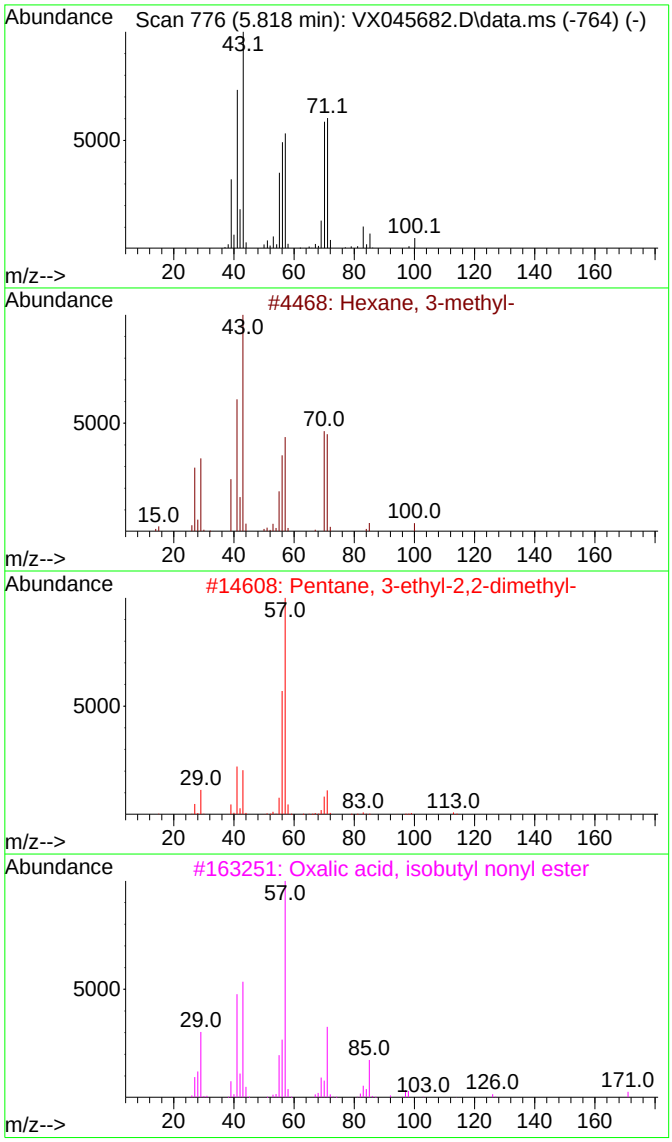
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

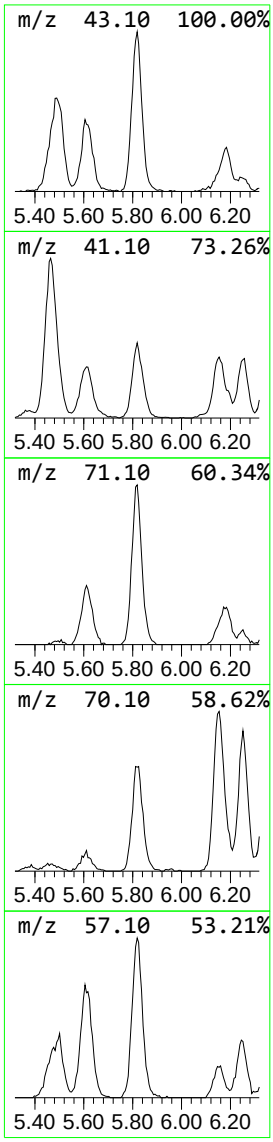
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.818	96.36 ug/l	220658	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	93
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	53
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53





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Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

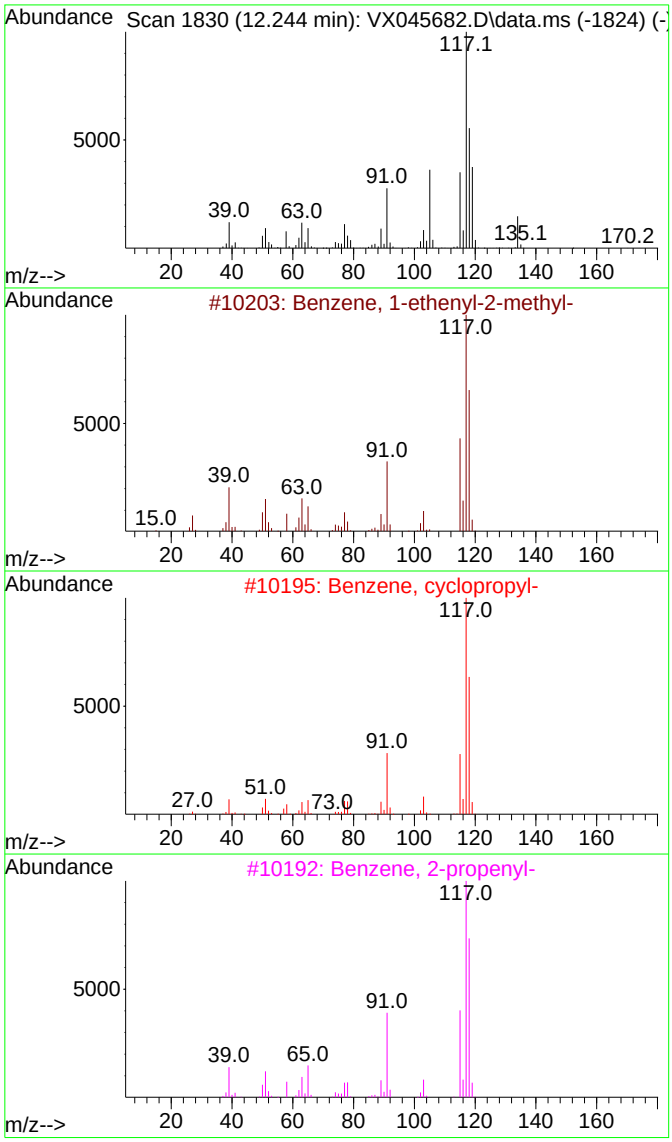
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

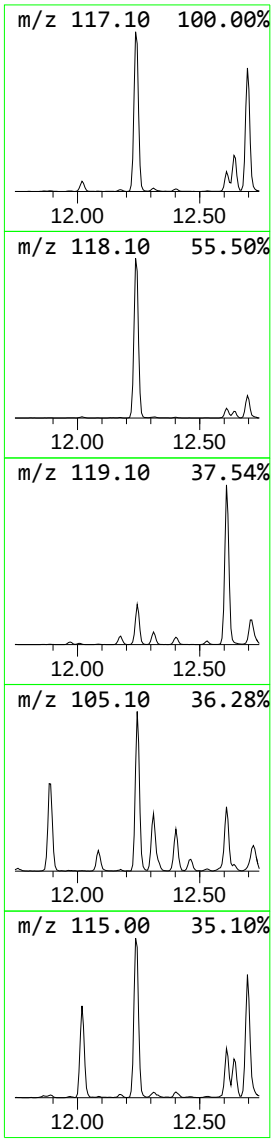
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	114.50 ug/l	877729	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
5	Indane	118	C9H10	000496-11-7	60





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Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

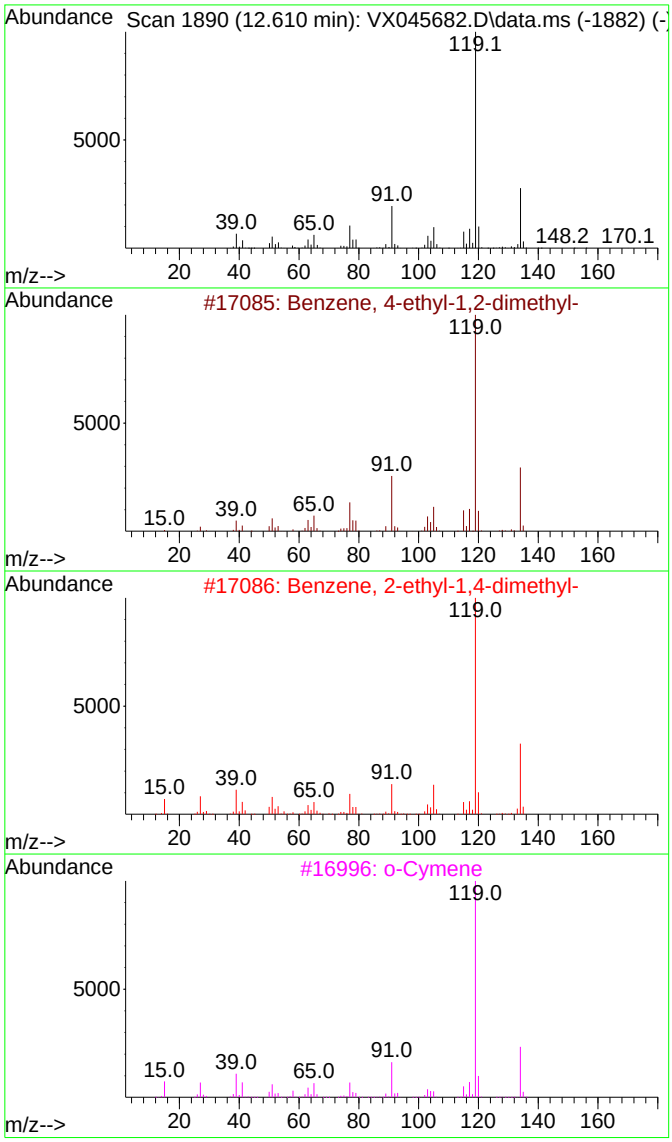
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

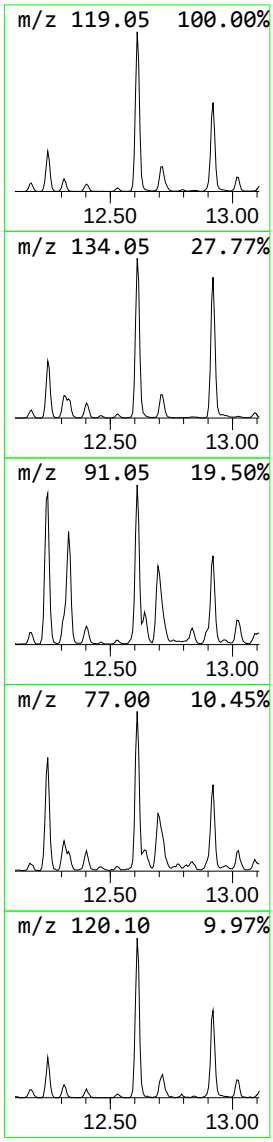
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	91.40 ug/l	700653	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

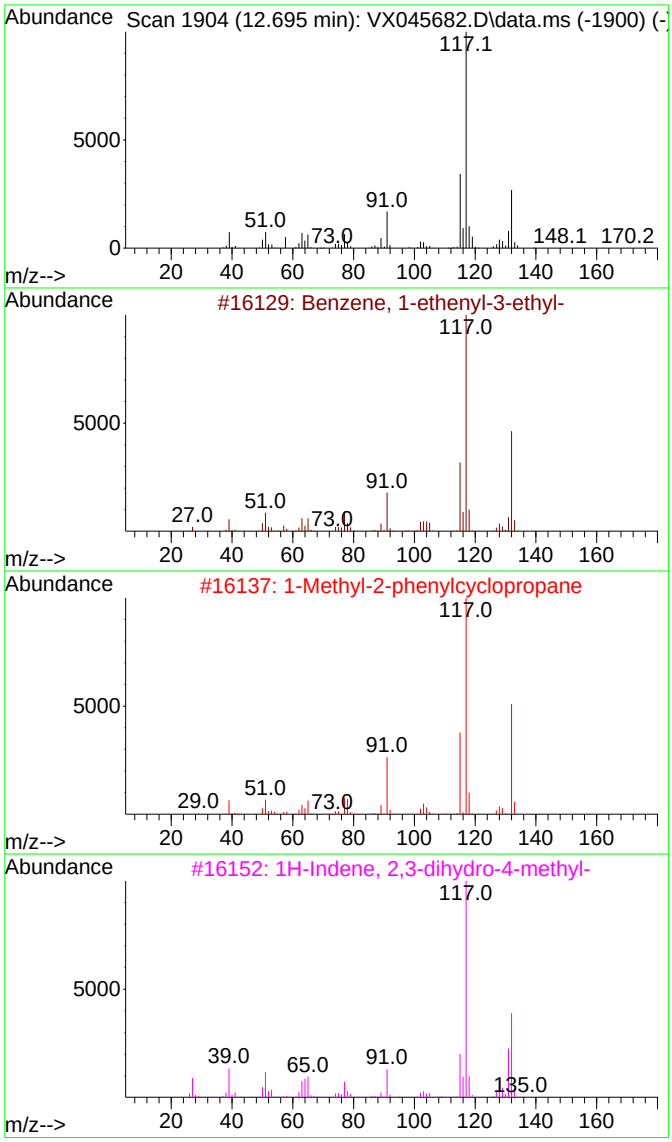
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

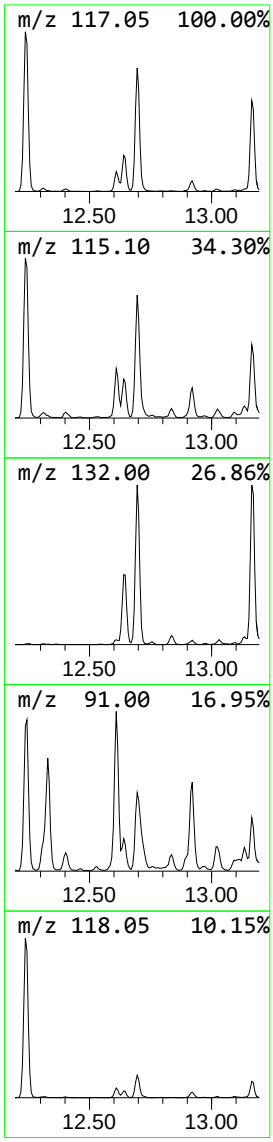
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	73.79 ug/l	565624	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

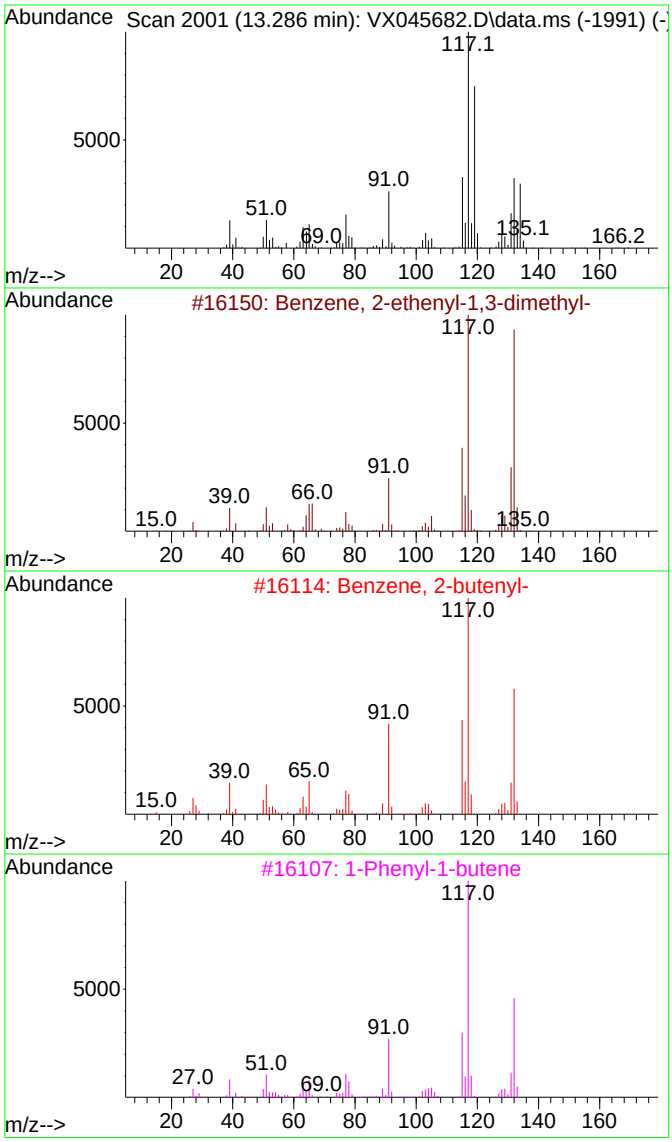
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

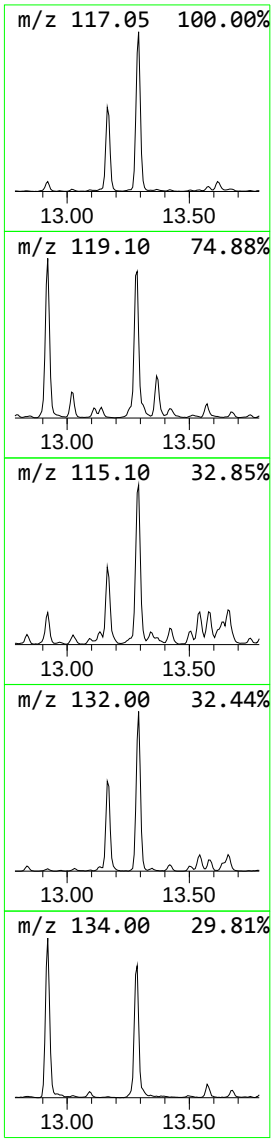
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	147.63 ug/l	1131650	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	78
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55





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Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

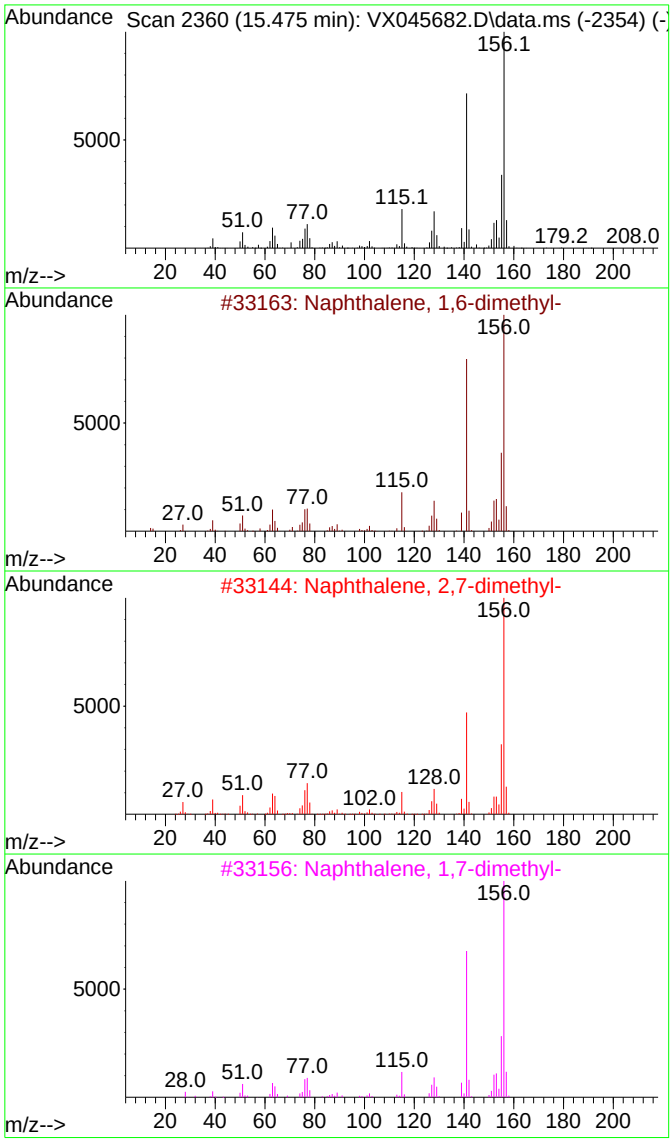
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

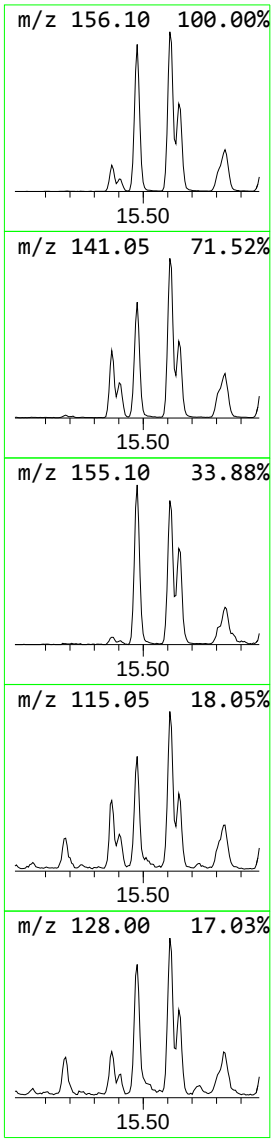
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.475	78.97 ug/l	605349	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample    : Q1762-02
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 20   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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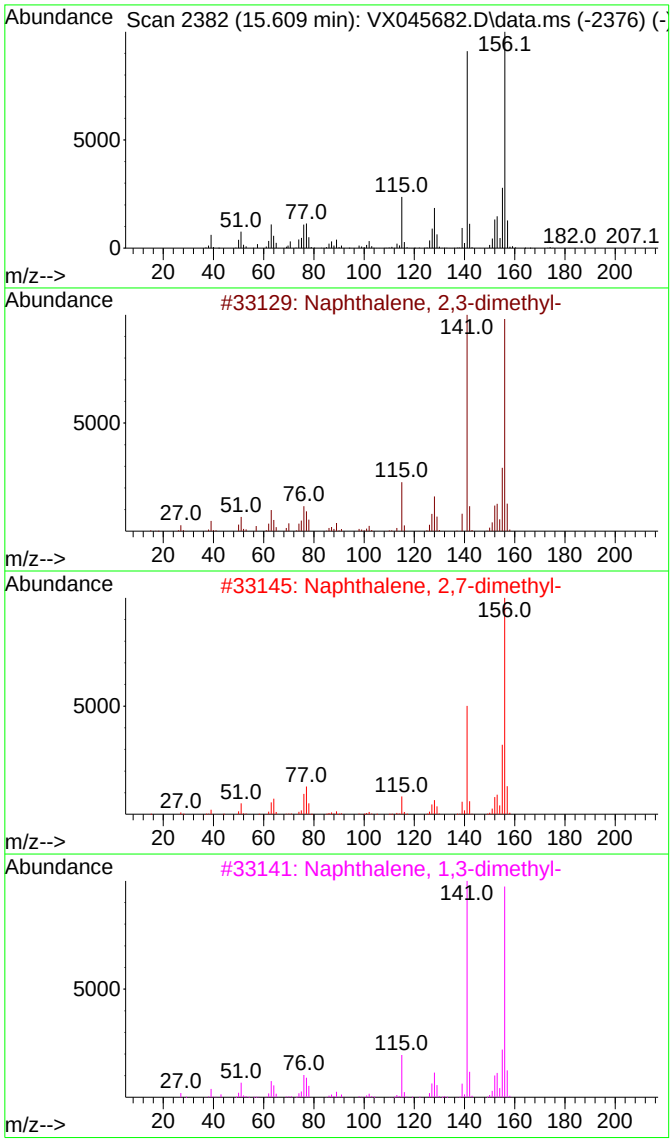
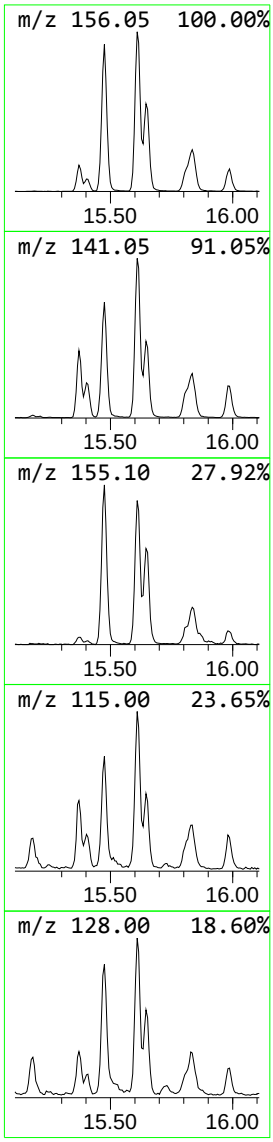
Instrument :
MSVOA_X
ClientSampleId :
MW5

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	92.17 ug/l	706528	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	1.734	136.5	ug/l	312485	1	5.544	114500	50.0
Pentane	1.941	64.6	ug/l	147878	1	5.544	114500	50.0
Pentane, 2-methyl-	2.819	159.1	ug/l	364332	1	5.544	114500	50.0
Pentane, 3-methyl-	3.093	229.3	ug/l	525212	1	5.544	114500	50.0
Cyclopentane, m...	4.294	393.8	ug/l	901861	1	5.544	114500	50.0
Cyclopentene, 4...	5.184	66.0	ug/l	151066	1	5.544	114500	50.0
Hexane, 3-methyl-	5.818	96.4	ug/l	220658	1	5.544	114500	50.0
Benzene, 1-ethe...	12.244	114.5	ug/l	877729	4	12.018	383275	50.0
Benzene, 4-ethy...	12.610	91.4	ug/l	700653	4	12.018	383275	50.0
Benzene, 1-ethe...	12.695	73.8	ug/l	565624	4	12.018	383275	50.0
Benzene, 2-ethe...	13.286	147.6	ug/l	1131650	4	12.018	383275	50.0
Naphthalene, 1,...	15.475	79.0	ug/l	605349	4	12.018	383275	50.0
Naphthalene, 2,...	15.609	92.2	ug/l	706528	4	12.018	383275	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
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Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Time: Apr 10 01:33:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	69921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68376	53.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.940%			
35) Dibromofluoromethane	5.379	113	50392	51.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	8.647	98	172860	50.459	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.920%			
62) 4-Bromofluorobenzene	11.079	95	62262	49.896	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.800%			

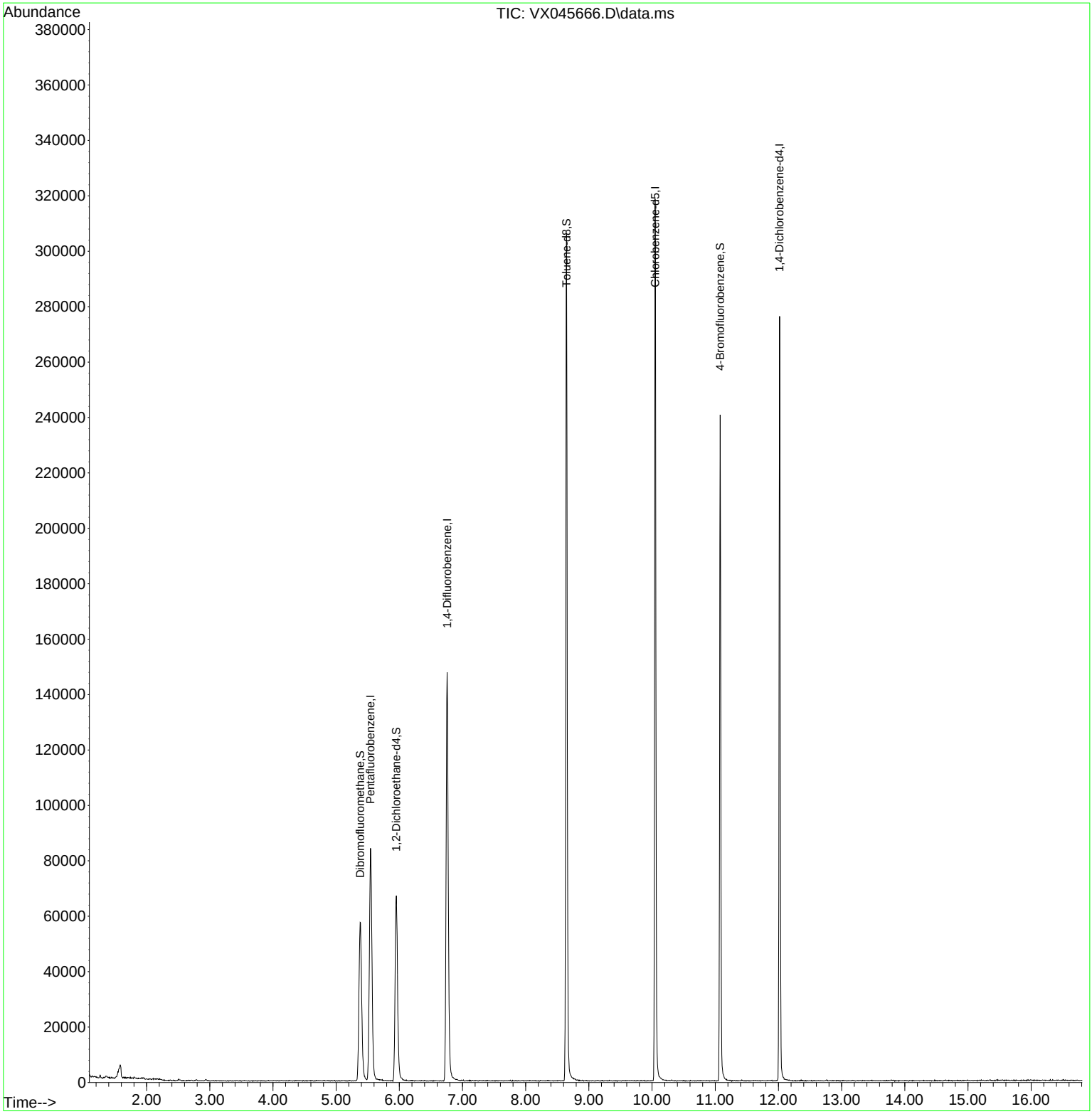
Target Compounds Qvalue

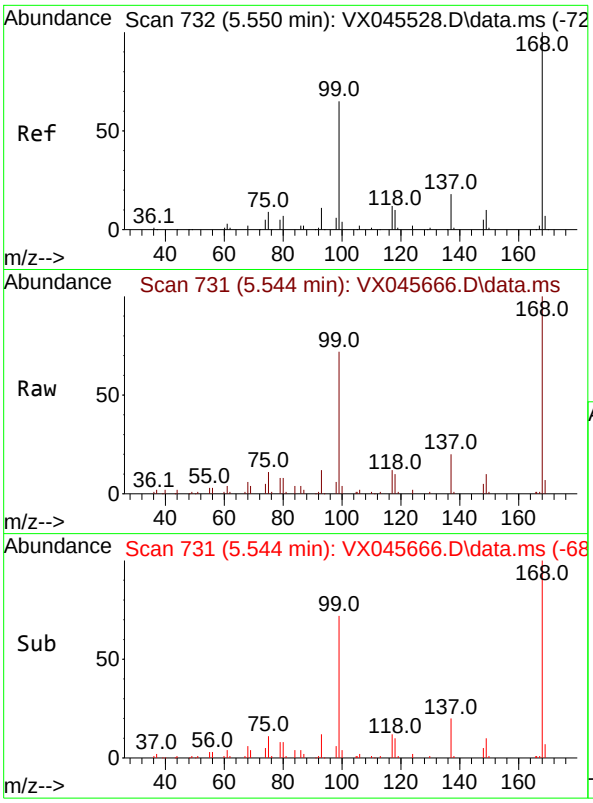
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Time: Apr 10 01:33:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



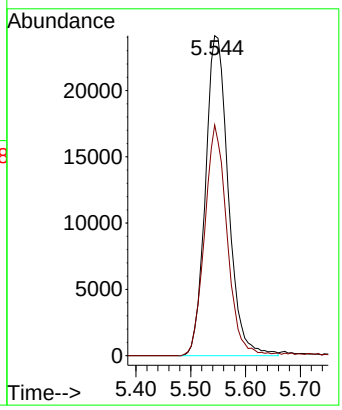


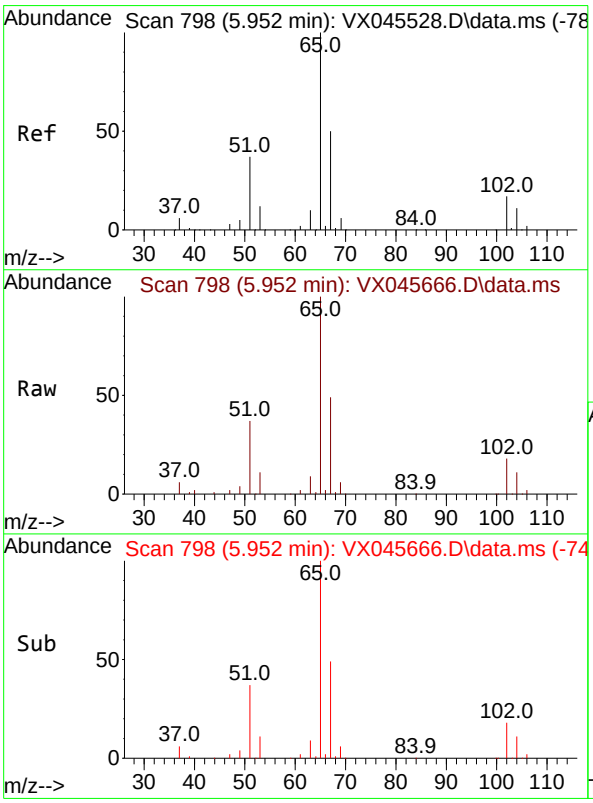
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Tgt Ion:168 Resp: 69921

Ion	Ratio	Lower	Upper
168	100		
99	72.1	52.3	78.5

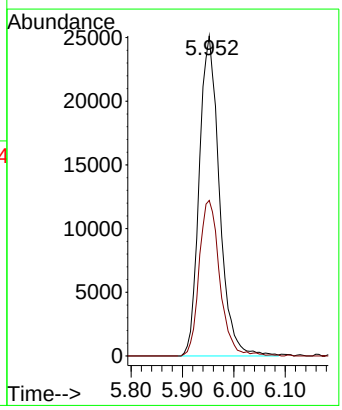


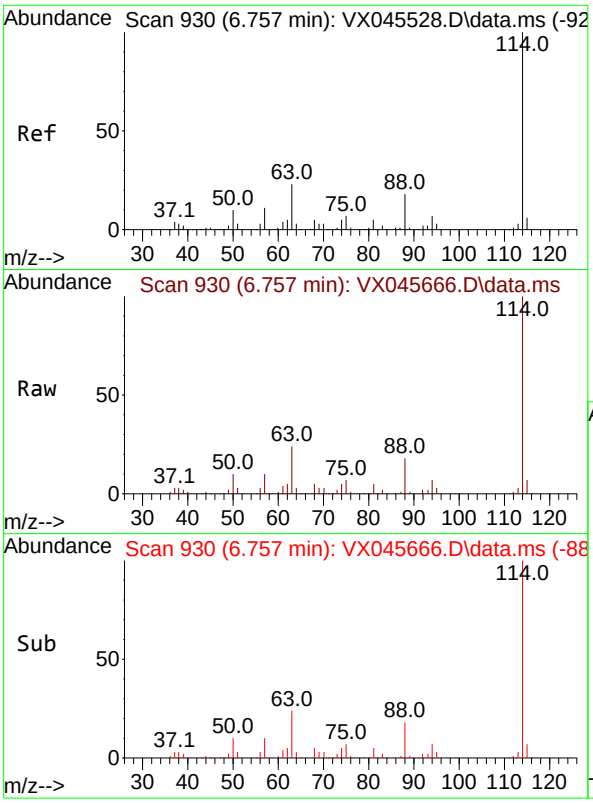


#33
1,2-Dichloroethane-d4
Concen: 53.474 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 65 Resp: 68376

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.0



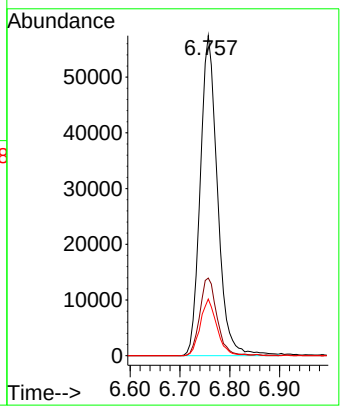


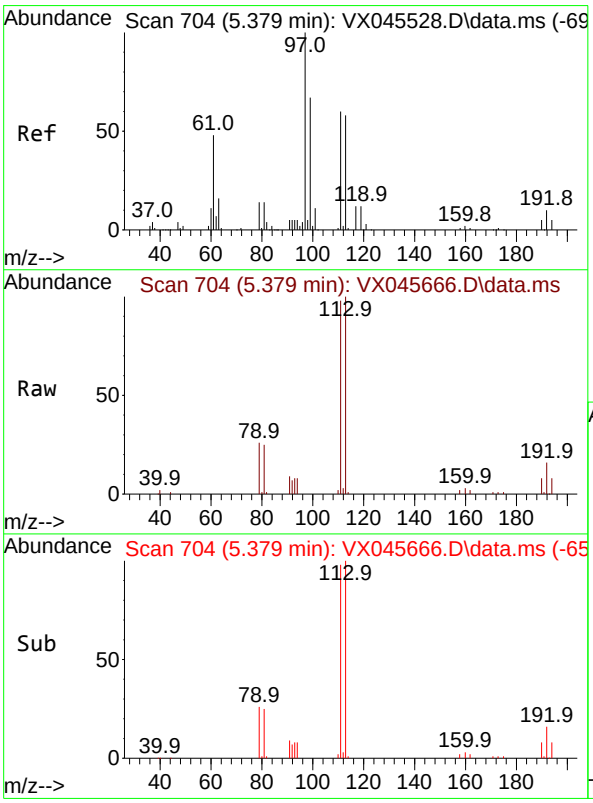
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Tgt Ion:114 Resp: 138334

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.8
88	17.7	0.0	35.4

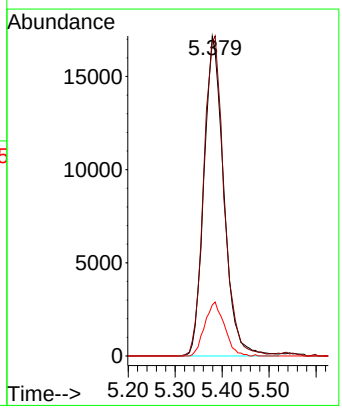


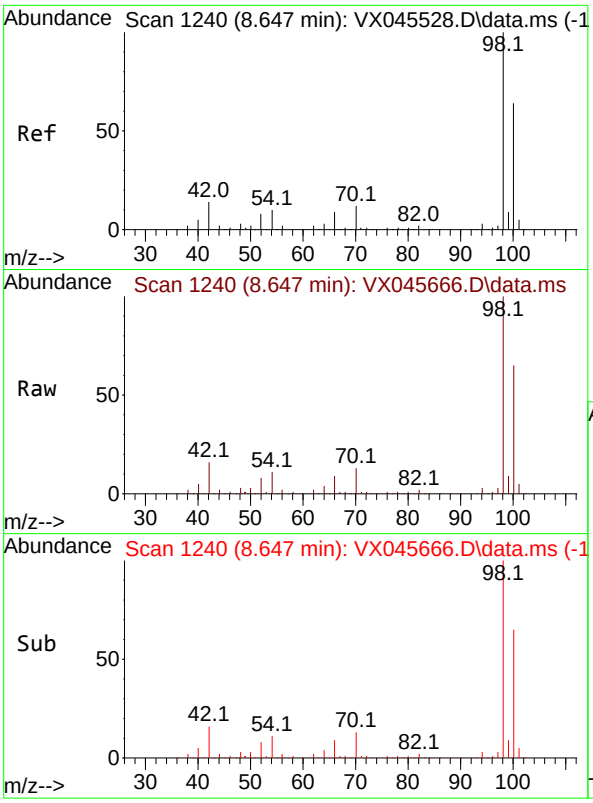


#35
Dibromofluoromethane
Concen: 51.343 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion:113 Resp: 50392

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	16.7	13.8	20.6



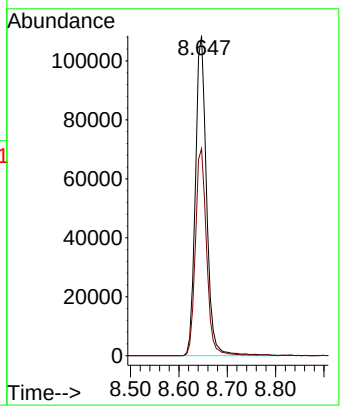


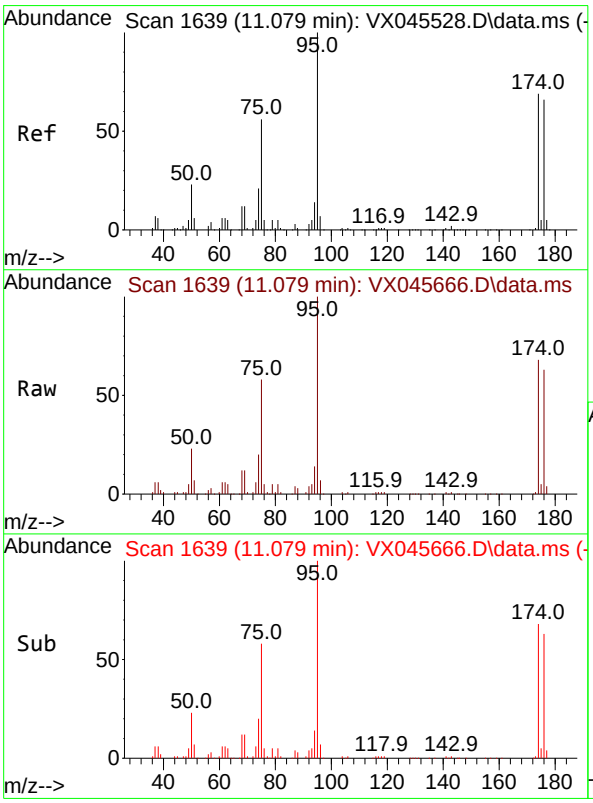
#50
Toluene-d8
Concen: 50.459 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Tgt Ion: 98 Resp: 172860

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

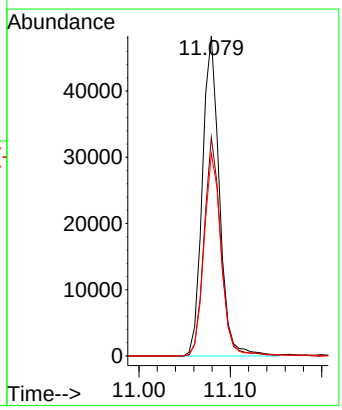


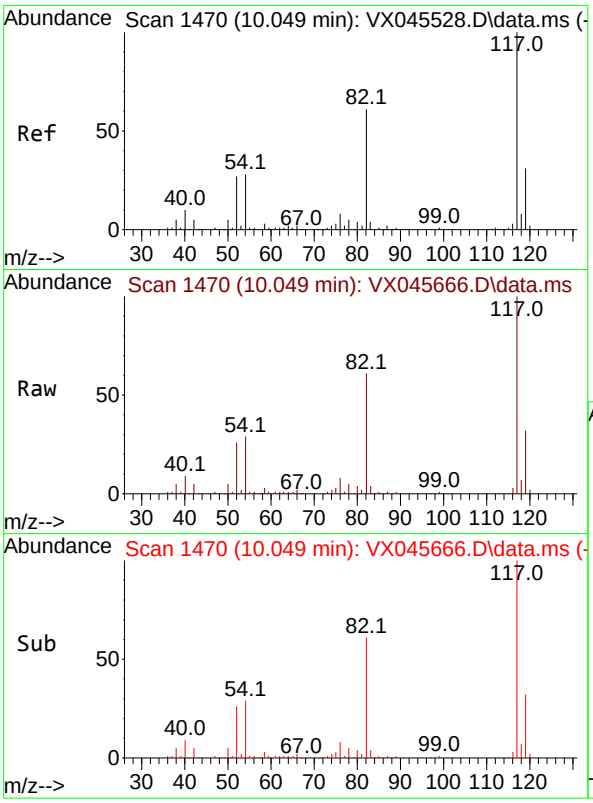


#62
4-Bromofluorobenzene
Concen: 49.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 95 Resp: 62262

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	63.9	0.0	131.4



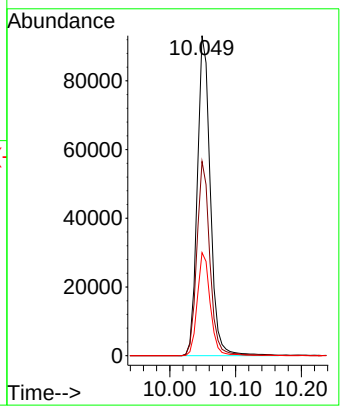


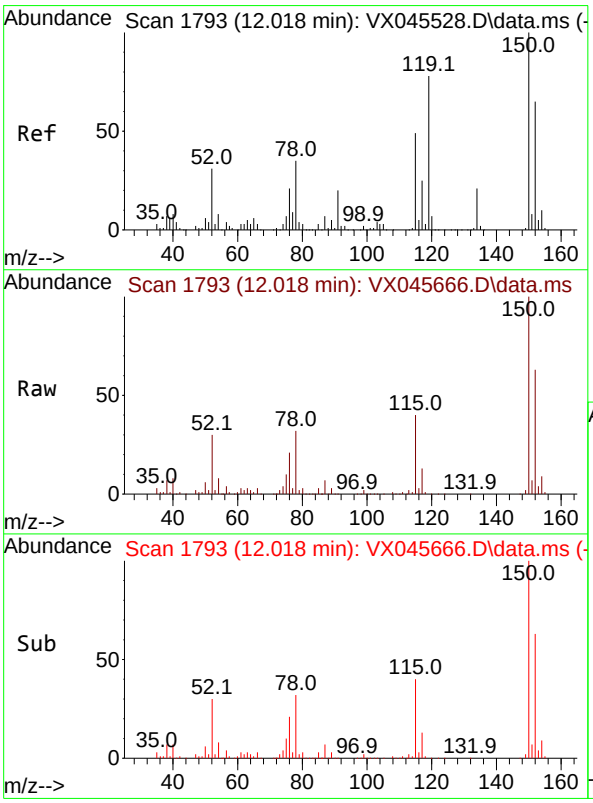
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Tgt Ion:117 Resp: 127856

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	32.2	25.1	37.7

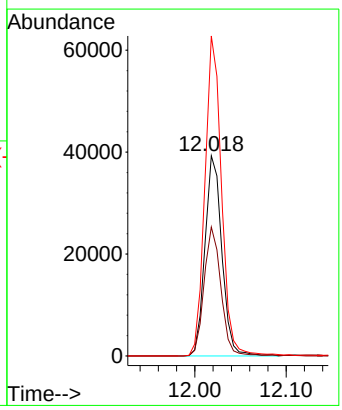




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion:152 Resp: 50474

Ion	Ratio	Lower	Upper
152	100		
115	64.3	46.9	140.7
150	157.2	0.0	349.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045666.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.581	71	81	88	rVB6	4675	13348	2.73%	0.527%
2	5.379	692	704	721	rBV	57236	171829	35.18%	6.778%
3	5.544	721	731	746	rVV	83572	233439	47.80%	9.209%
4	5.952	789	798	811	rBV	66955	182515	37.37%	7.200%
5	6.757	921	930	944	rBV	147466	353208	72.32%	13.933%
6	8.647	1233	1240	1257	rBV	305945	488412	100.00%	19.267%
7	10.049	1465	1470	1490	rBV	318239	434702	89.00%	17.148%
8	11.079	1634	1639	1655	rBV	240407	310727	63.62%	12.257%
9	12.018	1788	1793	1805	rBV	275717	346850	71.02%	13.682%

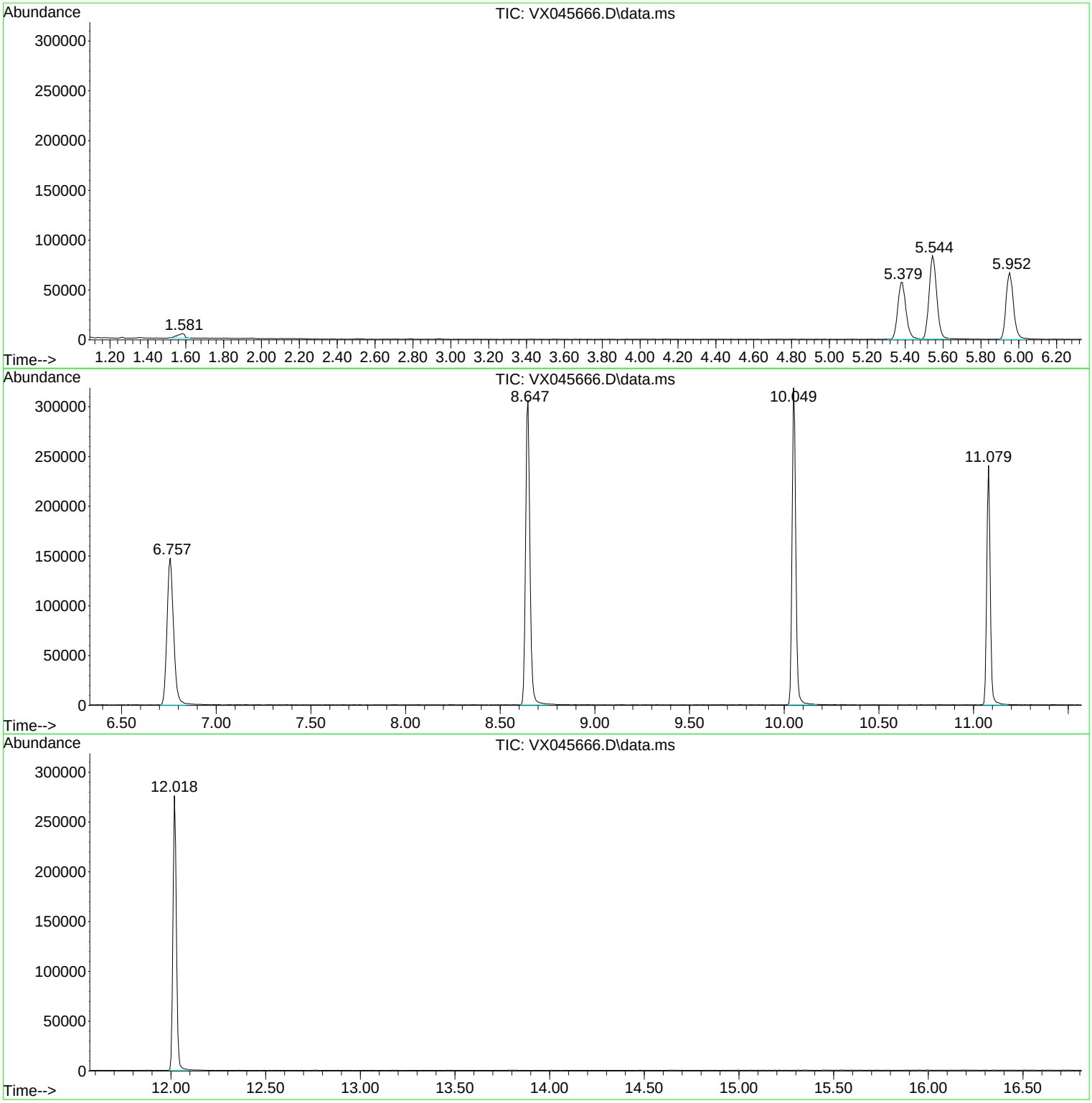
Sum of corrected areas: 2535030

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Time: Apr 11 04:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	68793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66802	53.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	5.379	113	49276	51.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.460%			
50) Toluene-d8	8.647	98	167969	50.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.040%			
62) 4-Bromofluorobenzene	11.079	95	64311	53.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.200%			

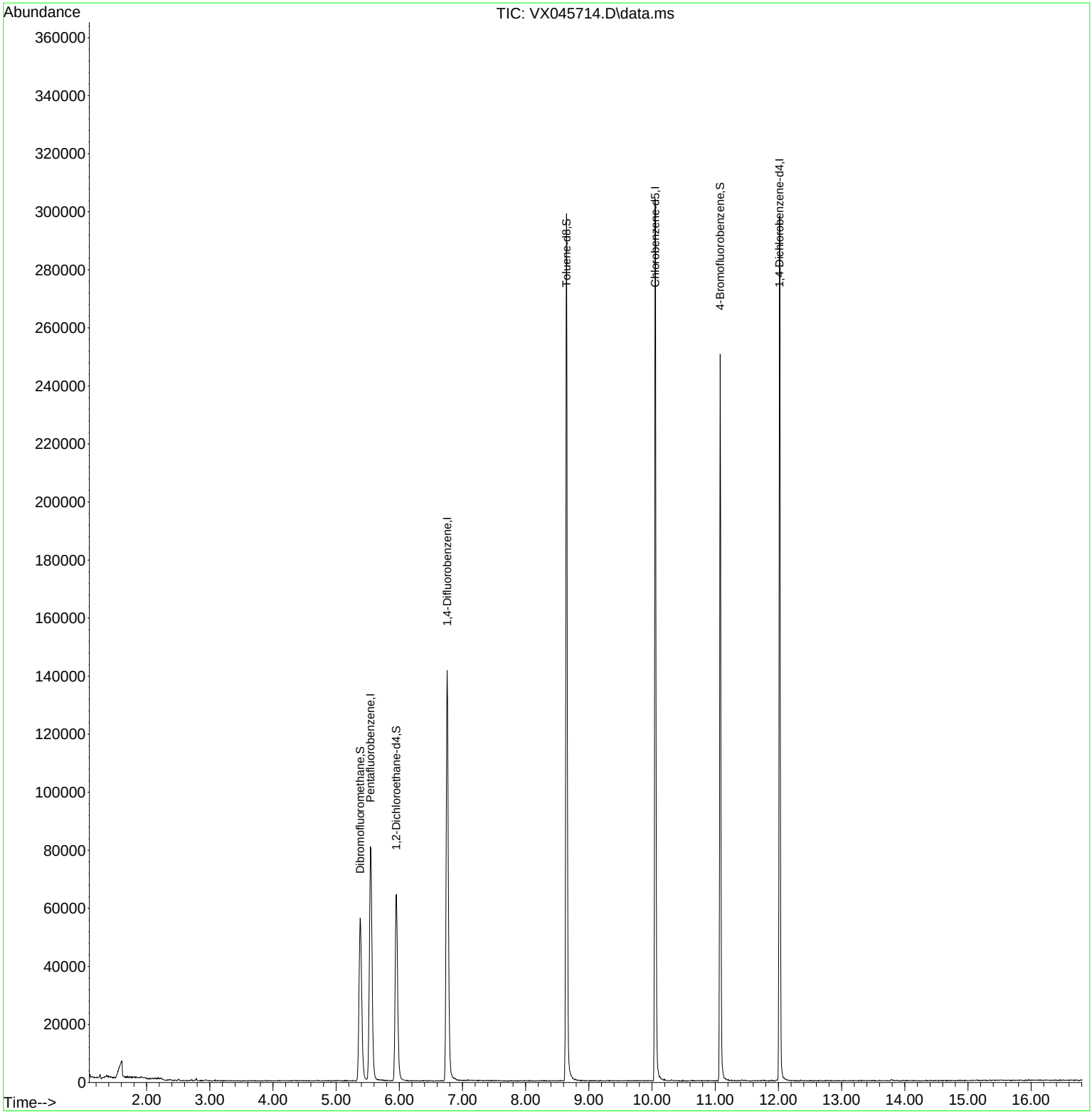
Target Compounds Qvalue

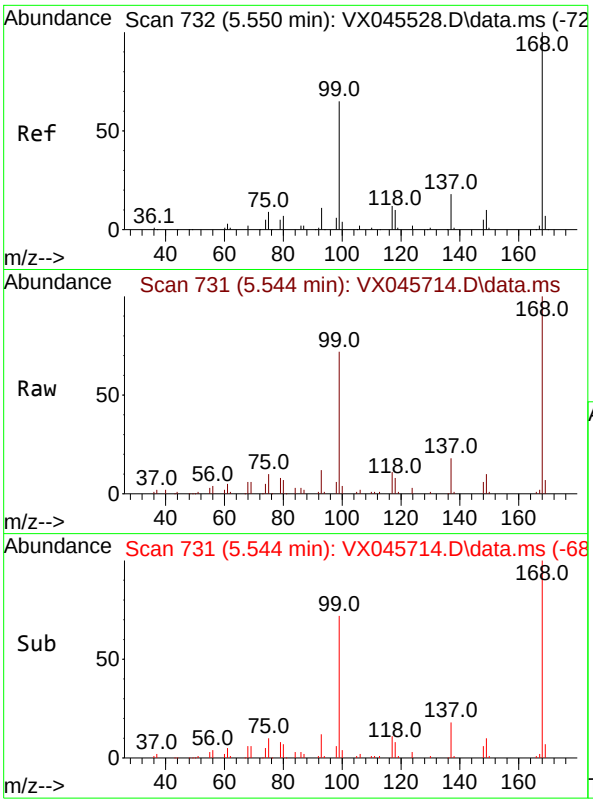
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Time: Apr 11 04:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



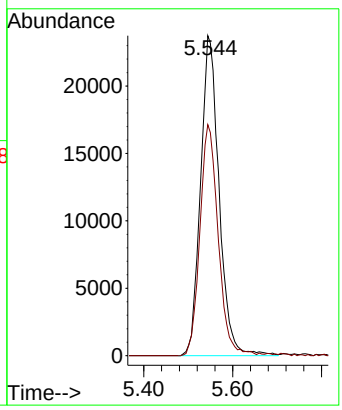


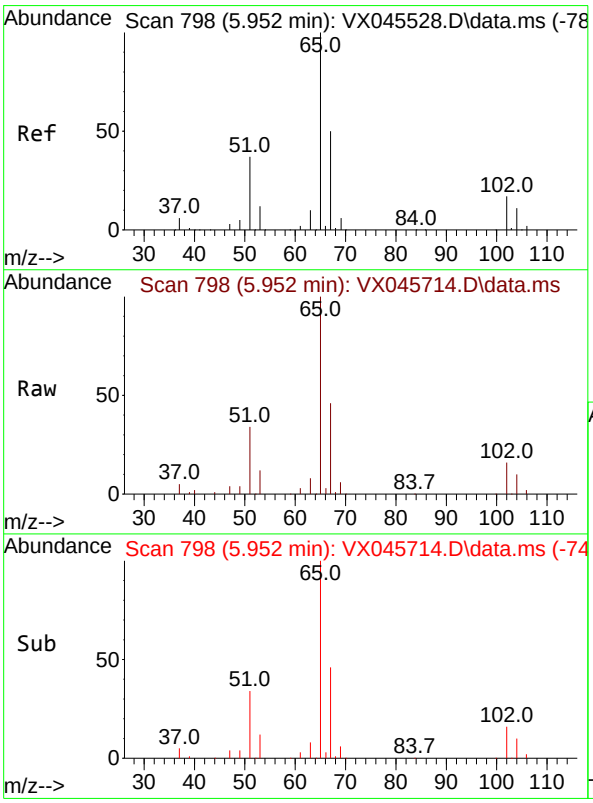
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Tgt Ion:168 Resp: 68793

Ion	Ratio	Lower	Upper
168	100		
99	72.2	52.3	78.5

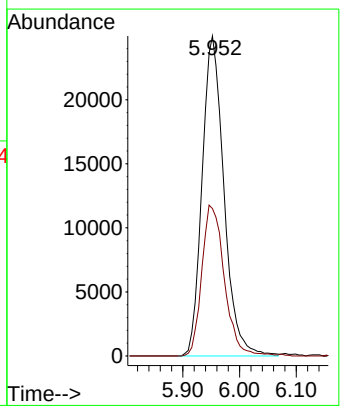


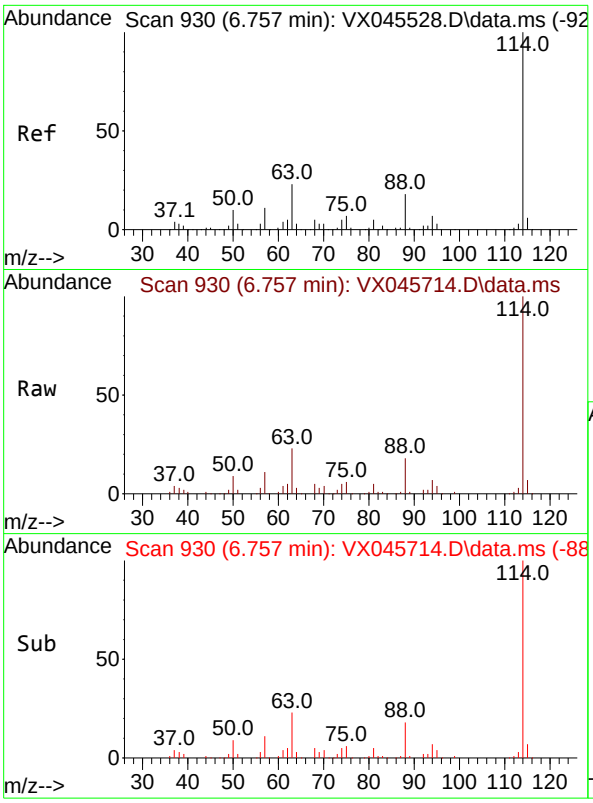


#33
1,2-Dichloroethane-d4
Concen: 53.100 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 65 Resp: 66802

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	99.0



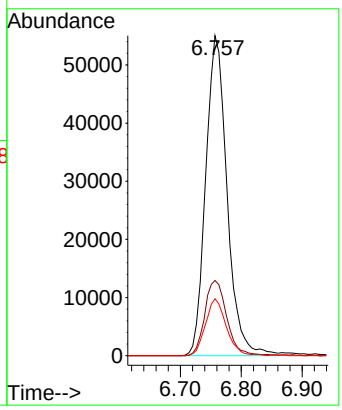


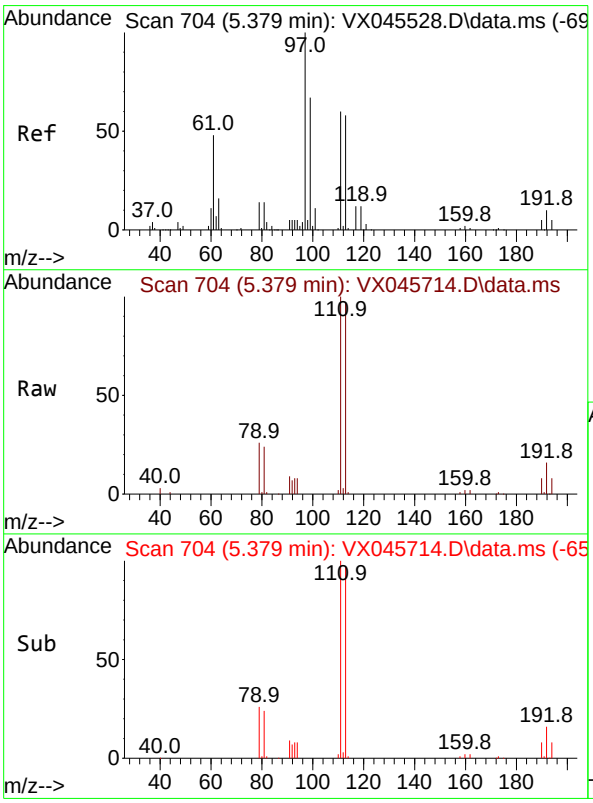
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Tgt Ion:114 Resp: 134259

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.8
88	17.8	0.0	35.4

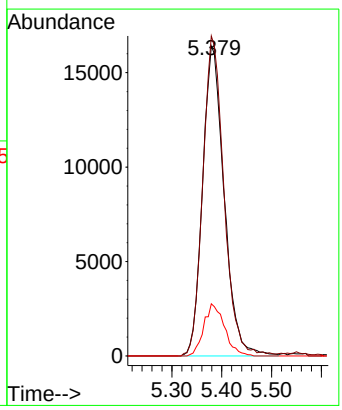


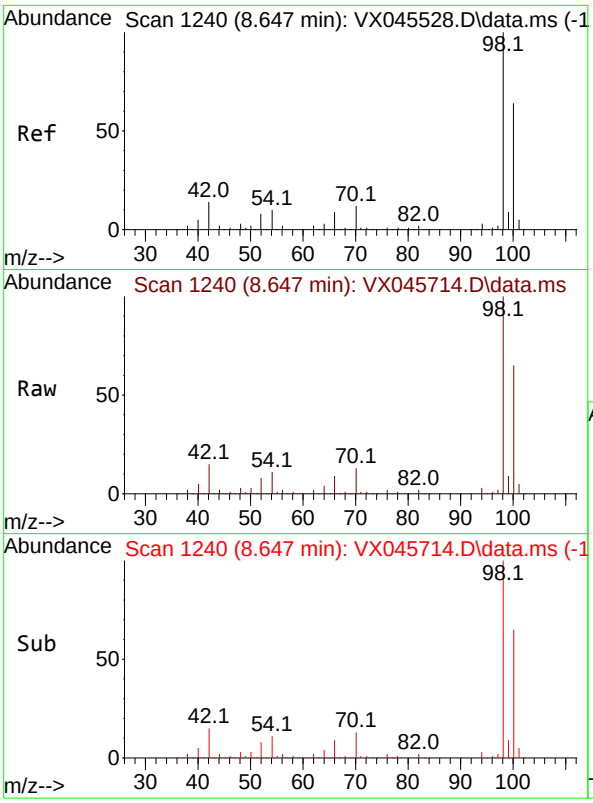


#35
Dibromofluoromethane
Concen: 51.730 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion:113 Resp: 49276

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.6
192	16.2	13.8	20.6



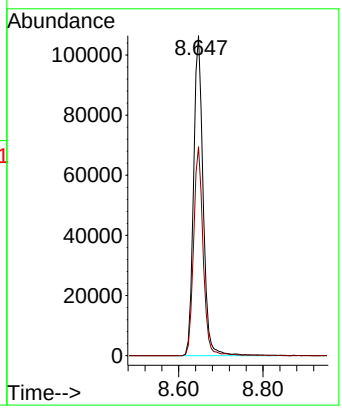


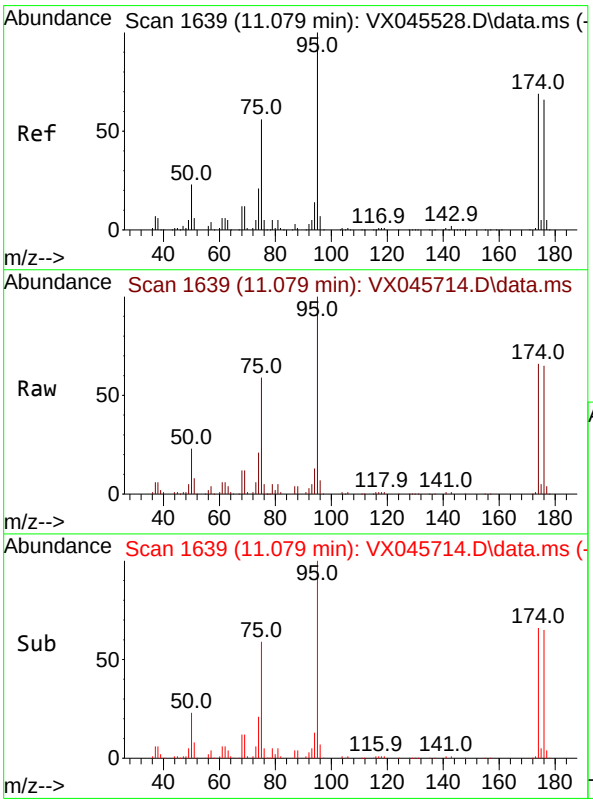
#50
Toluene-d8
Concen: 50.519 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Tgt Ion: 98 Resp: 167969

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

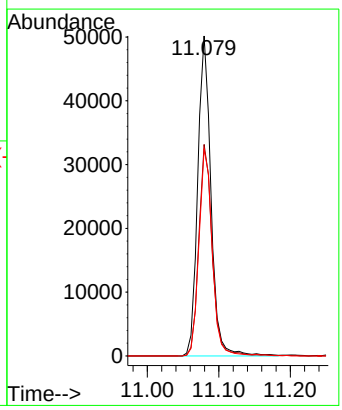


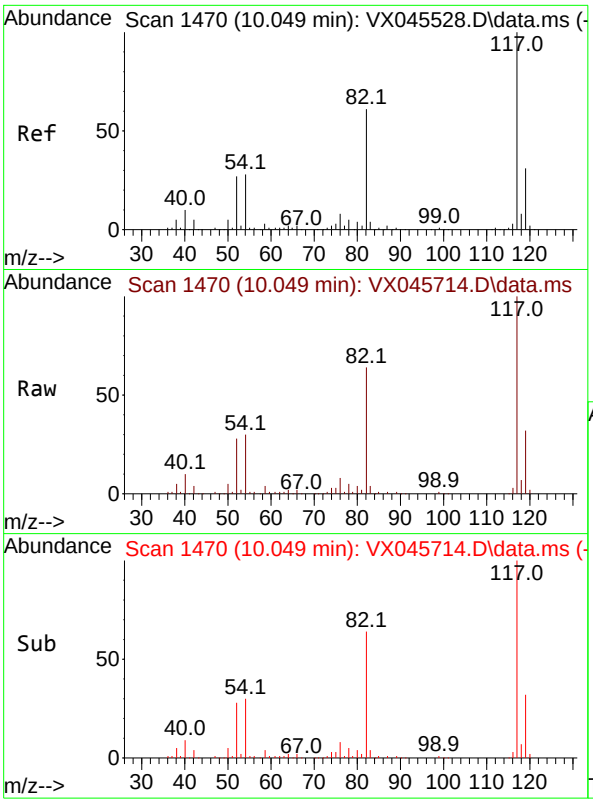


#62
4-Bromofluorobenzene
Concen: 53.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 95 Resp: 64311

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	65.5	0.0	131.4



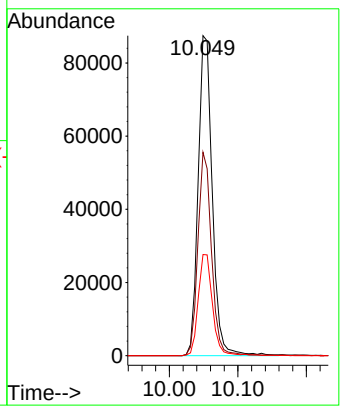


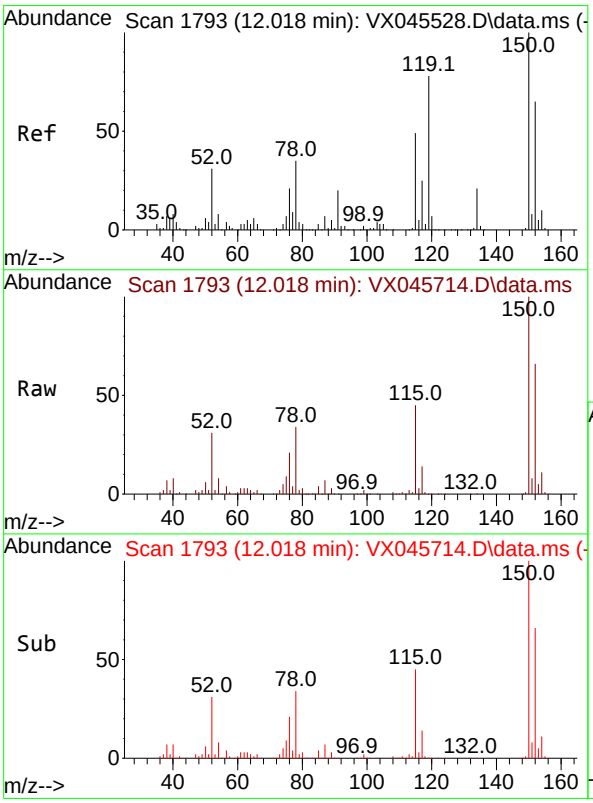
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Tgt Ion:117 Resp: 125713

Ion	Ratio	Lower	Upper
117	100		
82	63.6	49.2	73.8
119	31.6	25.1	37.7

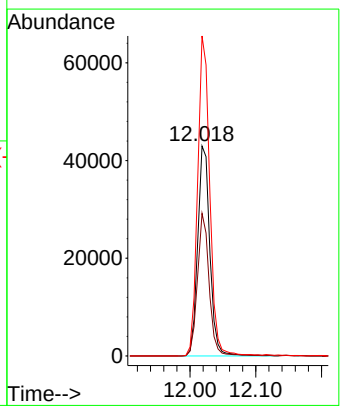




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion:152 Resp: 55453

Ion	Ratio	Lower	Upper
152	100		
115	65.3	46.9	140.7
150	151.4	0.0	349.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045714.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.611	69	86	89	rBV7	5782	21615	4.57%	0.855%
2	5.379	694	704	721	rBV	56144	167262	35.39%	6.619%
3	5.544	722	731	749	rVB3	80397	229680	48.60%	9.090%
4	5.952	789	798	820	rBV	64246	173844	36.79%	6.880%
5	6.757	921	930	945	rBV	141405	342136	72.40%	13.540%
6	8.647	1233	1240	1253	rBV	298773	472560	100.00%	18.702%
7	10.049	1465	1470	1481	rBV	303922	428592	90.70%	16.962%
8	11.079	1634	1639	1652	rBV	250440	319108	67.53%	12.629%
9	12.018	1788	1793	1803	rBV	297819	372045	78.73%	14.724%

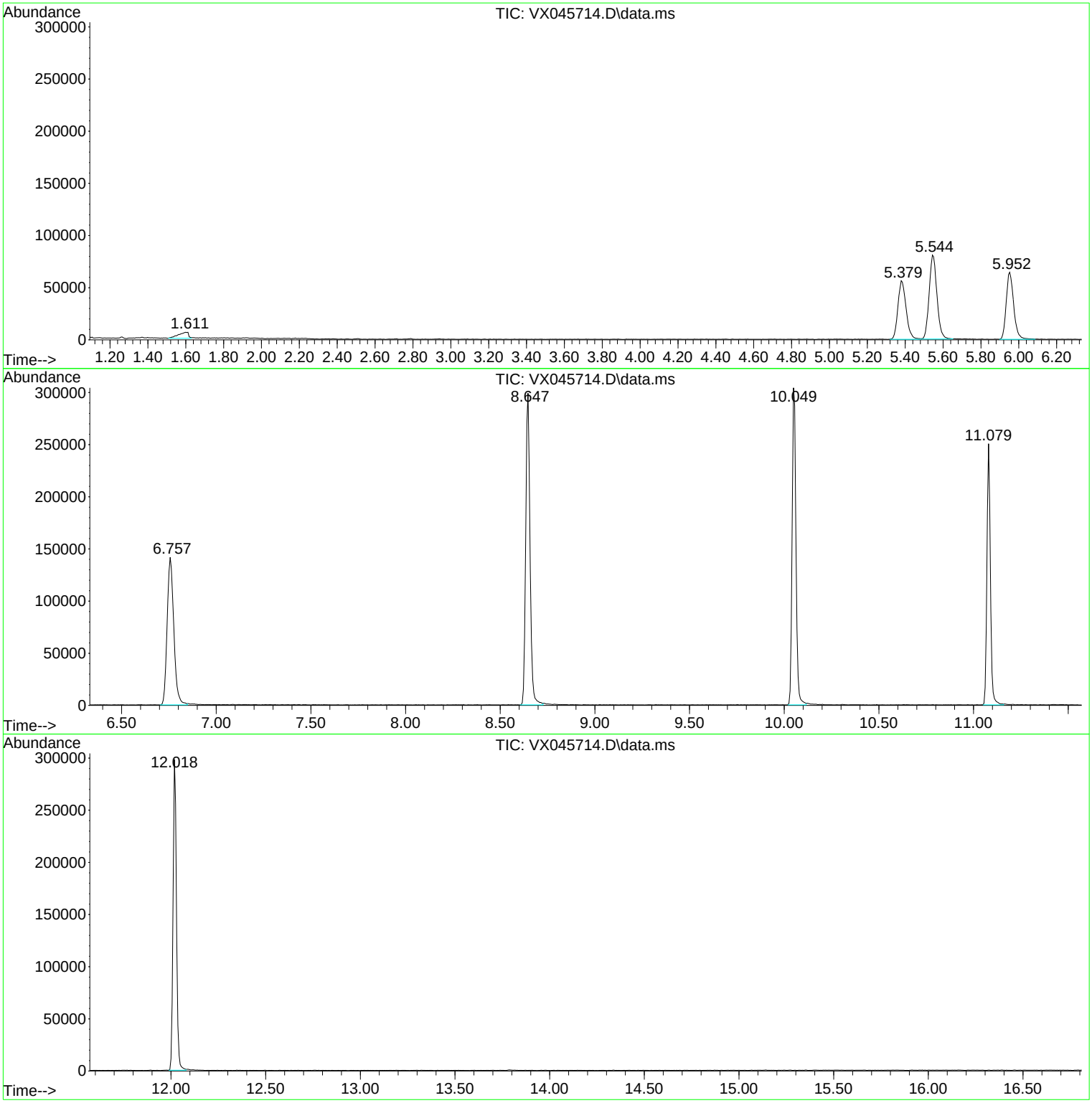
Sum of corrected areas: 2526842

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	94074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92053	53.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.020%			
35) Dibromofluoromethane	5.379	113	63174	54.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.020%			
50) Toluene-d8	8.647	98	214655	53.060	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.120%			
62) 4-Bromofluorobenzene	11.079	95	77473	52.574	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28296	20.113	ug/l	99
3) Chloromethane	1.301	50	27094	18.746	ug/l	96
4) Vinyl Chloride	1.374	62	24425	18.466	ug/l	98
5) Bromomethane	1.593	94	11395	18.169	ug/l	98
6) Chloroethane	1.672	64	14346	20.443	ug/l	100
7) Trichlorofluoromethane	1.880	101	38861	19.702	ug/l	96
8) Diethyl Ether	2.130	74	12161	18.364	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	23620	20.436	ug/l	95
10) Methyl Iodide	2.447	142	26699	18.520	ug/l	98
11) Tert butyl alcohol	2.965	59	22380	96.798	ug/l	97
12) 1,1-Dichloroethene	2.313	96	20770	18.391	ug/l	96
13) Acrolein	2.233	56	25659	80.591	ug/l	99
14) Allyl chloride	2.660	41	41579	19.404	ug/l	98
15) Acrylonitrile	3.062	53	68147	93.374	ug/l	99
16) Acetone	2.380	43	65896	93.280	ug/l	95
17) Carbon Disulfide	2.508	76	46029	16.502	ug/l	99
18) Methyl Acetate	2.703	43	32926	20.244	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	76110	19.265	ug/l	100
20) Methylene Chloride	2.782	84	24229	18.320	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	21257	18.424	ug/l	97
22) Diisopropyl ether	3.757	45	79613	18.861	ug/l #	83
23) Vinyl Acetate	3.721	43	345218	94.659	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45684	19.137	ug/l	99
25) 2-Butanone	4.556	43	97809	94.586	ug/l	98
26) 2,2-Dichloropropane	4.471	77	32813	21.275	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26125	18.585	ug/l	97
28) Bromochloromethane	4.891	49	22802	19.766	ug/l	99
29) Tetrahydrofuran	5.007	42	62847	93.742	ug/l	99
30) Chloroform	5.086	83	47524	19.348	ug/l	98
31) Cyclohexane	5.458	56	39121	18.537	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	39802	19.150	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30850	19.713	ug/l	98
37) Ethyl Acetate	4.715	43	35720	18.112	ug/l	99
38) Carbon Tetrachloride	5.666	117	33982	20.092	ug/l	96
39) Methylcyclohexane	7.373	83	37396	19.494	ug/l	95
40) Benzene	6.031	78	92251	19.301	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	21224	20.397	ug/l		97
42) 1,2-Dichloroethane	6.086	62	40264	20.397	ug/l		99
43) Isopropyl Acetate	6.336	43	57645	19.285	ug/l		100
44) Trichloroethene	7.123	130	21805	19.194	ug/l		97
45) 1,2-Dichloropropane	7.428	63	23339	19.571	ug/l		100
46) Dibromomethane	7.580	93	17802	19.446	ug/l		98
47) Bromodichloromethane	7.818	83	35828	19.598	ug/l		98
48) Methyl methacrylate	7.690	41	30321	19.647	ug/l		99
49) 1,4-Dioxane	7.659	88	11977	428.937	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	200067	100.967	ug/l		99
52) Toluene	8.714	92	55913	19.333	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	30206	18.684	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	34931	20.333	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	22964	19.926	ug/l		96
56) Ethyl methacrylate	9.116	69	35297	19.790	ug/l		99
57) 1,3-Dichloropropane	9.305	76	39607	19.736	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	88591	98.189	ug/l		100
59) 2-Hexanone	9.427	43	148084	100.919	ug/l		99
60) Dibromochloromethane	9.519	129	24830	19.763	ug/l		98
61) 1,2-Dibromoethane	9.604	107	23143	19.837	ug/l		99
64) Tetrachloroethene	9.269	164	20900	20.935	ug/l		98
65) Chlorobenzene	10.073	112	61480	20.348	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20527	19.568	ug/l		99
67) Ethyl Benzene	10.189	91	108358	20.024	ug/l		98
68) m/p-Xylenes	10.299	106	79752	40.521	ug/l		99
69) o-Xylene	10.640	106	39137	20.186	ug/l		99
70) Styrene	10.653	104	64826	20.258	ug/l		98
71) Bromoform	10.799	173	15275	19.502	ug/l	#	100
73) Isopropylbenzene	10.957	105	104506	20.330	ug/l		99
74) N-amyl acetate	10.842	43	49023	19.937	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	35954	19.910	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	31590m	20.180	ug/l		
77) Bromobenzene	11.195	156	24141	20.325	ug/l		98
78) n-propylbenzene	11.299	91	120369	20.329	ug/l		100
79) 2-Chlorotoluene	11.360	91	74998	19.813	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	88053	20.715	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8674	18.806	ug/l		95
82) 4-Chlorotoluene	11.451	91	86832	20.575	ug/l		100
83) tert-Butylbenzene	11.713	119	84807	20.152	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	86160	20.195	ug/l		99
85) sec-Butylbenzene	11.890	105	106901	20.682	ug/l		100
86) p-Isopropyltoluene	12.006	119	86083	20.201	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	42896	19.841	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	43700	19.938	ug/l		97
89) n-Butylbenzene	12.329	91	74429	20.141	ug/l		99
90) Hexachloroethane	12.536	117	14599	19.934	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	44205	20.565	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7722	20.447	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	22901	19.140	ug/l		99
94) Hexachlorobutadiene	13.725	225	10679	20.712	ug/l		98
95) Naphthalene	13.774	128	87230	19.591	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	24734	19.742	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

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

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

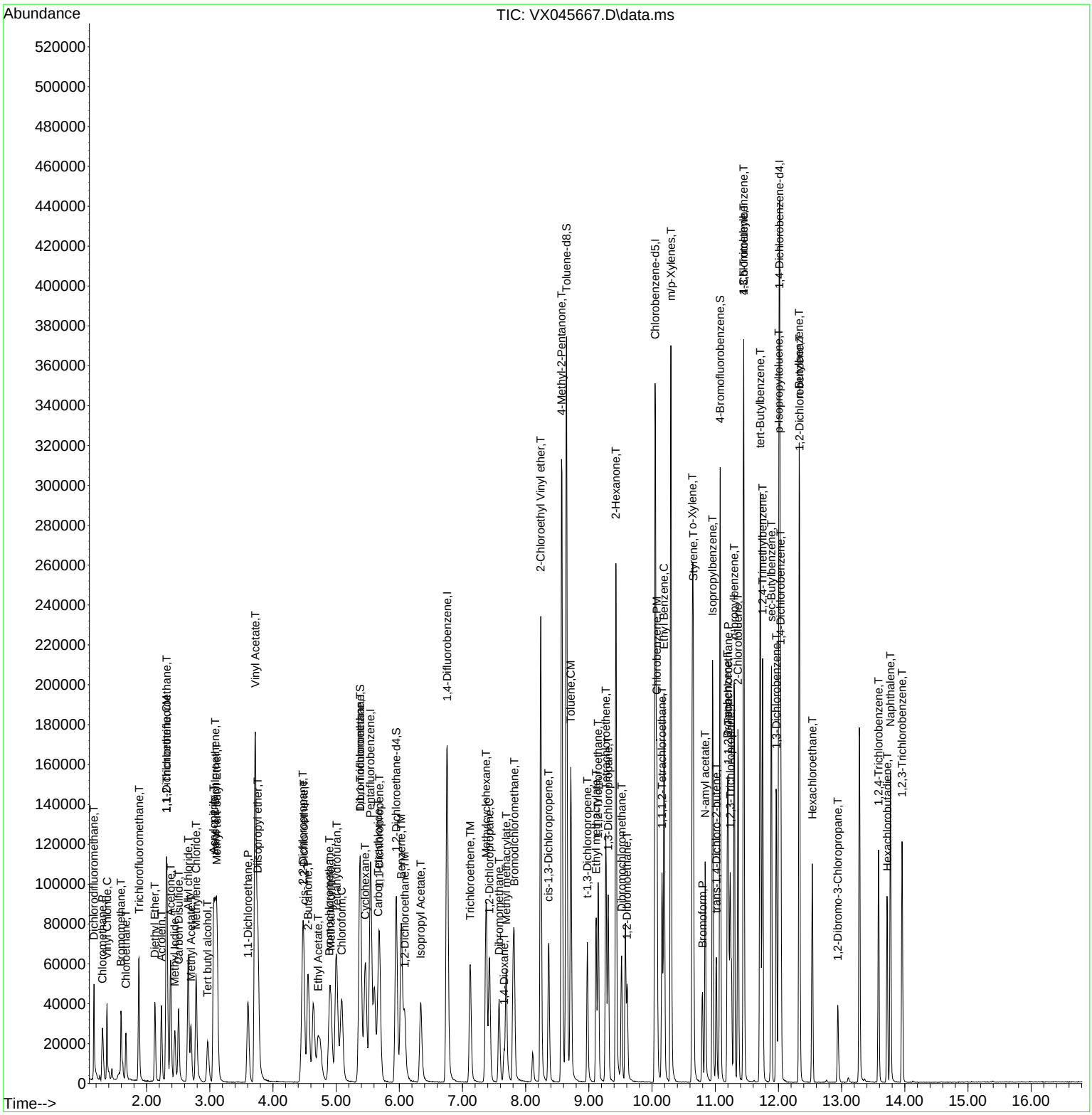
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045715.D
Acq On : 11 Apr 2025 04:22
Operator : JC/MD
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 11 06:05:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations APPROVED
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	87130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86692	54.408	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.820%			
35) Dibromofluoromethane	5.379	113	59553	53.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.100%			
50) Toluene-d8	8.647	98	204884	52.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.560%			
62) 4-Bromofluorobenzene	11.079	95	78207	55.315	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26332	20.208	ug/l	98
3) Chloromethane	1.300	50	26935	20.121	ug/l	98
4) Vinyl Chloride	1.374	62	24489	19.990	ug/l	98
5) Bromomethane	1.593	94	11089	19.090	ug/l	99
6) Chloroethane	1.666	64	14355	22.086	ug/l	99
7) Trichlorofluoromethane	1.874	101	37926	20.761	ug/l	99
8) Diethyl Ether	2.130	74	12043	19.636	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	21200	19.804	ug/l	97
10) Methyl Iodide	2.441	142	24642	18.455	ug/l	96
11) Tert butyl alcohol	2.977	59	25091	117.172	ug/l	99
12) 1,1-Dichloroethene	2.312	96	21027	20.102	ug/l	98
13) Acrolein	2.233	56	27019	91.626	ug/l	97
14) Allyl chloride	2.660	41	39498	19.902	ug/l	98
15) Acrylonitrile	3.062	53	72459	107.195	ug/l	99
16) Acetone	2.386	43	71344	109.041	ug/l	97
17) Carbon Disulfide	2.501	76	42621	16.498	ug/l	99
18) Methyl Acetate	2.703	43	37630	24.980	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	78938	21.573	ug/l	96
20) Methylene Chloride	2.782	84	25103	20.494	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	21304	19.936	ug/l	98
22) Diisopropyl ether	3.763	45	82362	21.067	ug/l	97
23) Vinyl Acetate	3.721	43	347261	102.808	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45671	20.657	ug/l	99
25) 2-Butanone	4.562	43	105507	110.162	ug/l	100
26) 2,2-Dichloropropane	4.465	77	20380	14.267	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	26276	20.182	ug/l	98
28) Bromochloromethane	4.897	49	23282	21.791	ug/l	98
29) Tetrahydrofuran	5.001	42	65353	105.249	ug/l	99
30) Chloroform	5.086	83	48799	21.450	ug/l	96
31) Cyclohexane	5.464	56	37736	19.306	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	40466	21.021	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29813	19.855	ug/l	98
37) Ethyl Acetate	4.714	43	37776	19.964	ug/l	99
38) Carbon Tetrachloride	5.666	117	34266	21.116	ug/l	98
39) Methylcyclohexane	7.379	83	34192	18.577	ug/l	99
40) Benzene	6.031	78	92647	20.203	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045715.D
Acq On : 11 Apr 2025 04:22
Operator : JC/MD
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 11 06:05:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22495	22.532	ug/l		98
42) 1,2-Dichloroethane	6.080	62	41225	21.766	ug/l		99
43) Isopropyl Acetate	6.342	43	59508	20.750	ug/l		99
44) Trichloroethene	7.123	130	22488	20.632	ug/l		96
45) 1,2-Dichloropropane	7.427	63	23386	20.439	ug/l		93
46) Dibromomethane	7.580	93	18636	21.218	ug/l		98
47) Bromodichloromethane	7.818	83	36475	20.795	ug/l		96
48) Methyl methacrylate	7.690	41	32112	21.686	ug/l		99
49) 1,4-Dioxane	7.659	88	13511	504.321	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	212913	111.990	ug/l		99
52) Toluene	8.714	92	57054	20.561	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	28107	18.189	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	32277	19.582	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	24166	21.855	ug/l		97
56) Ethyl methacrylate	9.116	69	37519	21.925	ug/l		99
57) 1,3-Dichloropropane	9.305	76	40732	21.154	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	88422	102.142	ug/l		100
59) 2-Hexanone	9.427	43	158206	112.373	ug/l		98
60) Dibromochloromethane	9.518	129	25163	20.874	ug/l		96
61) 1,2-Dibromoethane	9.610	107	24024	21.463	ug/l		97
64) Tetrachloroethene	9.269	164	19733	20.006	ug/l		98
65) Chlorobenzene	10.079	112	61919	20.742	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21126	20.384	ug/l		99
67) Ethyl Benzene	10.189	91	110080	20.589	ug/l		98
68) m/p-Xylenes	10.299	106	79502	40.883	ug/l		99
69) o-Xylene	10.640	106	39404	20.570	ug/l		97
70) Styrene	10.652	104	67354	21.303	ug/l		98
71) Bromoform	10.799	173	15391	19.889	ug/l	#	96
73) Isopropylbenzene	10.957	105	105499	20.499	ug/l		98
74) N-amyl acetate	10.841	43	49938	20.285	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	37610	20.803	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	31805m	20.294	ug/l		
77) Bromobenzene	11.195	156	24589	20.678	ug/l		99
78) n-propylbenzene	11.305	91	120341	20.301	ug/l		100
79) 2-Chlorotoluene	11.360	91	78497	20.713	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	89658	21.068	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	7260	15.722	ug/l		92
82) 4-Chlorotoluene	11.451	91	87302	20.662	ug/l		99
83) tert-Butylbenzene	11.713	119	87666	20.807	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	88899	20.813	ug/l		99
85) sec-Butylbenzene	11.890	105	108887	21.041	ug/l		98
86) p-Isopropyltoluene	12.006	119	88002	20.627	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	44109	20.378	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	44484	20.272	ug/l		97
89) n-Butylbenzene	12.329	91	73331	19.821	ug/l		99
90) Hexachloroethane	12.536	117	14878	20.291	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	45188	20.998	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8519	22.531	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	23449	19.575	ug/l		99
94) Hexachlorobutadiene	13.725	225	10252	19.861	ug/l		99
95) Naphthalene	13.774	128	90519	20.306	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	25240	20.122	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045715.D
Acq On : 11 Apr 2025 04:22
Operator : JC/MD
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 11 06:05:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

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

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

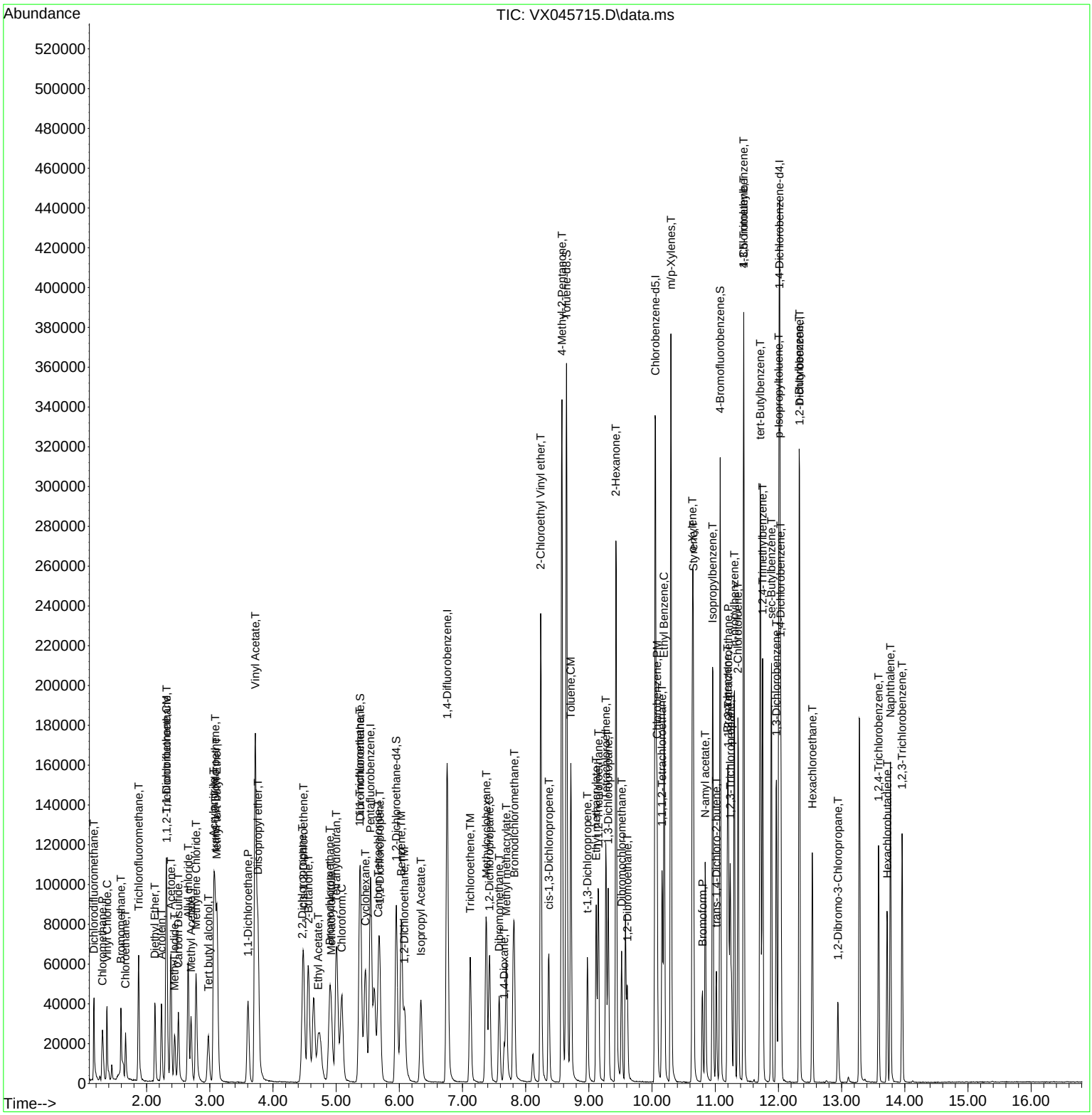
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045715.D
Acq On : 11 Apr 2025 04:22
Operator : JC/MD
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 11 06:05:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations APPROVED
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	83922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83081	54.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.260%			
35) Dibromofluoromethane	5.379	113	56225	53.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	8.647	98	193619	53.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.140%			
62) 4-Bromofluorobenzene	11.079	95	72225	54.344	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26359	21.002	ug/l	97
3) Chloromethane	1.301	50	24598	19.078	ug/l	96
4) Vinyl Chloride	1.374	62	22249	18.856	ug/l	98
5) Bromomethane	1.593	94	10738	19.193	ug/l	96
6) Chloroethane	1.672	64	13084	20.900	ug/l	96
7) Trichlorofluoromethane	1.874	101	37130	21.102	ug/l	98
8) Diethyl Ether	2.130	74	12288	20.801	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22284	21.613	ug/l	98
10) Methyl Iodide	2.447	142	25440	19.781	ug/l	98
11) Tert butyl alcohol	2.971	59	21640	104.919	ug/l	97
12) 1,1-Dichloroethene	2.313	96	19384	19.240	ug/l	96
13) Acrolein	2.233	56	24667	86.848	ug/l	100
14) Allyl chloride	2.660	41	38545	20.164	ug/l	100
15) Acrylonitrile	3.062	53	66469	102.092	ug/l	98
16) Acetone	2.380	43	63148	100.204	ug/l	100
17) Carbon Disulfide	2.502	76	43259	17.385	ug/l	98
18) Methyl Acetate	2.703	43	32001	22.055	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	74214	21.058	ug/l	99
20) Methylene Chloride	2.782	84	23629	20.028	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	20510	19.927	ug/l	95
22) Diisopropyl ether	3.757	45	76032	20.192	ug/l #	84
23) Vinyl Acetate	3.715	43	337495	103.736	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42727	20.064	ug/l	98
25) 2-Butanone	4.556	43	93998	101.897	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31085	22.593	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24738	19.727	ug/l	97
28) Bromochloromethane	4.891	49	22944	22.295	ug/l	95
29) Tetrahydrofuran	5.001	42	60710	101.509	ug/l	99
30) Chloroform	5.086	83	45617	20.818	ug/l	95
31) Cyclohexane	5.464	56	36967	19.636	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	37694	20.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29168	20.666	ug/l	97
37) Ethyl Acetate	4.715	43	35265	19.826	ug/l	99
38) Carbon Tetrachloride	5.666	117	32304	21.177	ug/l	96
39) Methylcyclohexane	7.373	83	36184	20.914	ug/l	97
40) Benzene	6.031	78	88084	20.434	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	19925	21.231	ug/l		98
42) 1,2-Dichloroethane	6.080	62	38327	21.527	ug/l		98
43) Isopropyl Acetate	6.336	43	56680	21.025	ug/l		99
44) Trichloroethene	7.117	130	20859	20.359	ug/l		98
45) 1,2-Dichloropropane	7.421	63	22357	20.787	ug/l		97
46) Dibromomethane	7.580	93	17307	20.962	ug/l		99
47) Bromodichloromethane	7.818	83	34699	21.045	ug/l		97
48) Methyl methacrylate	7.690	41	29460	21.165	ug/l		99
49) 1,4-Dioxane	7.659	88	12023	477.420	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	193392	108.215	ug/l		99
52) Toluene	8.714	92	53050	20.338	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	28240	19.284	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	33764	21.791	ug/l		96
55) 1,1,2-Trichloroethane	9.147	97	21842	21.014	ug/l		97
56) Ethyl methacrylate	9.116	69	34262	21.299	ug/l		99
57) 1,3-Dichloropropane	9.305	76	38282	21.151	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	86030	105.722	ug/l		99
59) 2-Hexanone	9.427	43	144024	108.828	ug/l		100
60) Dibromochloromethane	9.519	129	23898	21.090	ug/l		100
61) 1,2-Dibromoethane	9.604	107	22040	20.947	ug/l		100
64) Tetrachloroethene	9.269	164	20103	22.004	ug/l		98
65) Chlorobenzene	10.073	112	57784	20.898	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20170	21.011	ug/l		99
67) Ethyl Benzene	10.189	91	103577	20.915	ug/l		97
68) m/p-Xylenes	10.299	106	76264	42.342	ug/l		99
69) o-Xylene	10.640	106	36814	20.748	ug/l		97
70) Styrene	10.653	104	62023	21.179	ug/l		99
71) Bromoform	10.799	173	14473	20.192	ug/l	#	96
73) Isopropylbenzene	10.957	105	100080	20.667	ug/l		100
74) N-amyl acetate	10.842	43	48343	20.869	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34910	20.522	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30554m	20.719	ug/l		
77) Bromobenzene	11.195	156	22419	20.037	ug/l		99
78) n-propylbenzene	11.299	91	114673	20.559	ug/l		100
79) 2-Chlorotoluene	11.360	91	72313	20.279	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	84415	21.081	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8233	18.948	ug/l		91
82) 4-Chlorotoluene	11.451	91	81662	20.540	ug/l		99
83) tert-Butylbenzene	11.713	119	81324	20.513	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	84218	20.954	ug/l		98
85) sec-Butylbenzene	11.890	105	102552	21.061	ug/l		99
86) p-Isopropyltoluene	12.006	119	83431	20.783	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	41742	20.495	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	41769	20.229	ug/l		97
89) n-Butylbenzene	12.329	91	72507	20.828	ug/l		99
90) Hexachloroethane	12.536	117	13954	20.226	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	42899	21.185	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7403	20.808	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	23347	20.713	ug/l		98
94) Hexachlorobutadiene	13.725	225	10328	21.264	ug/l		99
95) Naphthalene	13.774	128	85609	20.410	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23965	20.305	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

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

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

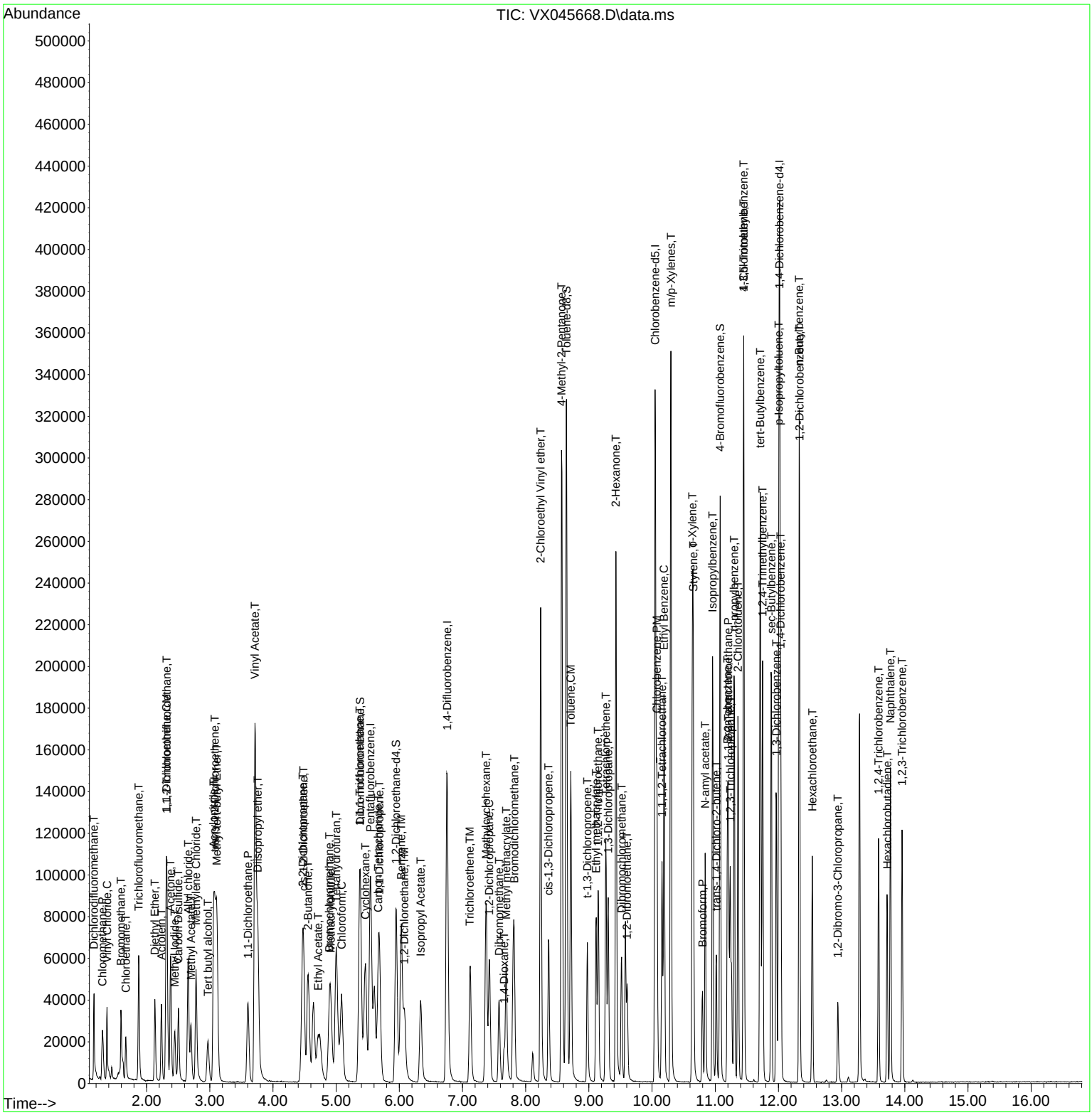
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



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Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045525.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dichlorobenzene	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dioxane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Ethyl methacrylate	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Methacrylonitrile	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC005	VX045526.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:22 PM	MMDadoda	4/2/2025 2:16:07 PM	Peak Integrated by Software
VSTDICC020	VX045527.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:25 PM	MMDadoda	4/2/2025 2:16:09 PM	Peak Integrated by Software
VSTDICCC050	VX045528.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:26 PM	MMDadoda	4/2/2025 2:16:11 PM	Peak Integrated by Software
VSTDICC100	VX045529.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:28 PM	MMDadoda	4/2/2025 2:16:15 PM	Peak Integrated by Software
VSTDICC150	VX045530.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:30 PM	MMDadoda	4/2/2025 2:16:46 PM	Peak Integrated by Software
VSTDICV050	VX045532.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:32 PM	MMDadoda	4/2/2025 2:17:50 PM	Peak Integrated by Software
VSTDCCC050	VX045534.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:10 AM	MMDadoda	4/3/2025 1:12:02 PM	Peak Integrated by Software
VSTDCCC050	VX045557.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:58 AM	MMDadoda	4/3/2025 1:12:08 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	vx040925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045664.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:23 AM	MMDadoda	4/10/2025 10:14:42 AM	Peak Integrated by Software
VX0409WBS01	VX045667.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:27 AM	MMDadoda	4/10/2025 10:14:37 AM	Peak Integrated by Software
VX0409WBSD01	VX045668.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:33 AM	MMDadoda	4/10/2025 10:14:34 AM	Peak Integrated by Software
VSTDCCC050	VX045684.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:38 AM	MMDadoda	4/10/2025 10:14:29 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX041025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045686.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:55:01 AM	MMDadoda	4/11/2025 1:59:27 PM	Peak Integrated by Software
VSTDCCC050	VX045710.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:58:10 AM	MMDadoda	4/11/2025 1:59:33 PM	Peak Integrated by Software
VSTDCCC050	VX045712.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:58:15 AM	MMDadoda	4/11/2025 1:59:35 PM	Peak Integrated by Software
VX0410WBS02	VX045715.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:58:19 AM	MMDadoda	4/11/2025 1:59:36 PM	Peak Integrated by Software
VSTDCCC050	VX045728.D	1,2,3-Trichloropropane	JOHN	4/11/2025 11:53:21 AM	MMDadoda	4/11/2025 1:59:43 PM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045524.D	01 Apr 2025 16:15	JC/MD	Ok
2	VSTDICC001	VX045525.D	01 Apr 2025 17:06	JC/MD	Ok,M
3	VSTDICC005	VX045526.D	01 Apr 2025 17:29	JC/MD	Ok,M
4	VSTDICC020	VX045527.D	01 Apr 2025 17:52	JC/MD	Ok,M
5	VSTDICCC050	VX045528.D	01 Apr 2025 18:15	JC/MD	Ok,M
6	VSTDICC100	VX045529.D	01 Apr 2025 18:38	JC/MD	Ok,M
7	VSTDICC150	VX045530.D	01 Apr 2025 19:02	JC/MD	Ok,M
8	IBLK	VX045531.D	01 Apr 2025 19:25	JC/MD	Ok
9	VSTDICV050	VX045532.D	01 Apr 2025 19:48	JC/MD	Ok,M
10	BFB	VX045533.D	02 Apr 2025 09:30	JC/MD	Ok
11	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	JC/MD	Ok,M
12	VX0402MBL01	VX045535.D	02 Apr 2025 10:30	JC/MD	Ok
13	VX0402WBL01	VX045536.D	02 Apr 2025 10:53	JC/MD	Ok
14	VX0402WBS01	VX045537.D	02 Apr 2025 11:16	JC/MD	Ok,M
15	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44	JC/MD	Ok,M
16	Q1697-01	VX045539.D	02 Apr 2025 12:07	JC/MD	Dilution
17	Q1697-02	VX045540.D	02 Apr 2025 12:30	JC/MD	Dilution
18	IBLK	VX045541.D	02 Apr 2025 12:54	JC/MD	Ok
19	Q1697-01DL	VX045542.D	02 Apr 2025 13:21	JC/MD	Ok
20	Q1697-02DL	VX045543.D	02 Apr 2025 13:44	JC/MD	Ok
21	Q1697-03	VX045544.D	02 Apr 2025 14:07	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1697-04	VX045545.D	02 Apr 2025 14:31	JC/MD	Not Ok
23	Q1697-05	VX045546.D	02 Apr 2025 14:54	JC/MD	Not Ok
24	Q1697-07	VX045547.D	02 Apr 2025 15:18	JC/MD	Not Ok
25	IBLK	VX045548.D	02 Apr 2025 15:41	JC/MD	Ok
26	Q1697-03	VX045549.D	02 Apr 2025 16:04	JC/MD	Ok
27	Q1697-04	VX045550.D	02 Apr 2025 16:27	JC/MD	Ok
28	Q1697-05	VX045551.D	02 Apr 2025 16:51	JC/MD	Ok
29	Q1697-06	VX045552.D	02 Apr 2025 17:14	JC/MD	ReRun
30	Q1623-01	VX045553.D	02 Apr 2025 17:37	JC/MD	Ok
31	Q1623-02	VX045554.D	02 Apr 2025 18:01	JC/MD	Ok
32	Q1623-03	VX045555.D	02 Apr 2025 18:24	JC/MD	Ok
33	Q1623-04	VX045556.D	02 Apr 2025 18:47	JC/MD	Ok
34	VSTDCCC050	VX045557.D	02 Apr 2025 19:10	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/10/2025 10:14:57 AM		
SubDirectory	VX040925	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133622
Initial Calibration Stds	
CCC	VP133623,VP133624
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045663.D	09 Apr 2025 09:38	JC/MD	Ok
2	VSTDCCC050	VX045664.D	09 Apr 2025 10:35	JC/MD	Ok,M
3	VX0409MBL01	VX045665.D	09 Apr 2025 11:03	JC/MD	Ok
4	VX0409WBL01	VX045666.D	09 Apr 2025 11:26	JC/MD	Ok
5	VX0409WBS01	VX045667.D	09 Apr 2025 11:49	JC/MD	Ok,M
6	VX0409WBSD01	VX045668.D	09 Apr 2025 12:14	JC/MD	Ok,M
7	Q1739-01	VX045669.D	09 Apr 2025 12:38	JC/MD	Ok
8	Q1739-02	VX045670.D	09 Apr 2025 13:01	JC/MD	Ok
9	PB167487TB	VX045671.D	09 Apr 2025 13:24	JC/MD	Ok
10	IBLK	VX045672.D	09 Apr 2025 13:47	JC/MD	Ok
11	Q1729-01	VX045673.D	09 Apr 2025 14:10	JC/MD	Ok
12	Q1729-02	VX045674.D	09 Apr 2025 14:33	JC/MD	Ok
13	Q1729-03	VX045675.D	09 Apr 2025 14:57	JC/MD	Ok
14	Q1729-04	VX045676.D	09 Apr 2025 15:20	JC/MD	Ok
15	PB167492TB	VX045677.D	09 Apr 2025 15:43	JC/MD	Ok
16	Q1746-02	VX045678.D	09 Apr 2025 16:06	JC/MD	Ok
17	Q1746-04	VX045679.D	09 Apr 2025 16:29	JC/MD	Ok
18	IBLK	VX045680.D	09 Apr 2025 16:52	JC/MD	Ok
19	Q1762-01	VX045681.D	09 Apr 2025 17:16	JC/MD	Dilution
20	Q1762-02	VX045682.D	09 Apr 2025 17:39	JC/MD	Ok
21	IBLK	VX045683.D	09 Apr 2025 18:02	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/10/2025 10:14:57 AM		
SubDirectory	VX040925	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133622
Initial Calibration Stds	
CCC	VP133623,VP133624
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VX045684.D	09 Apr 2025 18:25	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045685.D	10 Apr 2025 08:10	JC/MD	Ok
2	VSTDCCC050	VX045686.D	10 Apr 2025 08:44	JC/MD	Ok,M
3	VX0410MBL01	VX045687.D	10 Apr 2025 09:19	JC/MD	Ok
4	VX0410WBL01	VX045688.D	10 Apr 2025 09:42	JC/MD	Ok
5	VX0410WBS01	VX045689.D	10 Apr 2025 11:31	JC/MD	Ok,M
6	VX0410WBSD01	VX045690.D	10 Apr 2025 11:54	JC/MD	Ok,M
7	Q1748-04	VX045691.D	10 Apr 2025 12:17	JC/MD	Ok
8	Q1748-08	VX045692.D	10 Apr 2025 12:40	JC/MD	Ok
9	Q1754-02	VX045693.D	10 Apr 2025 13:03	JC/MD	Ok
10	Q1754-04	VX045694.D	10 Apr 2025 13:27	JC/MD	Ok
11	PB167534ZHE#01	VX045695.D	10 Apr 2025 13:50	JC/MD	Ok
12	PB167534ZHE#02	VX045696.D	10 Apr 2025 14:13	JC/MD	Ok
13	PB167534ZHE#03	VX045697.D	10 Apr 2025 14:36	JC/MD	Ok
14	PB167534ZHE#04	VX045698.D	10 Apr 2025 15:00	JC/MD	Ok
15	PB167534ZHE#05	VX045699.D	10 Apr 2025 15:23	JC/MD	Ok
16	PB167534ZHE#06	VX045700.D	10 Apr 2025 15:46	JC/MD	Ok
17	PB167534ZHE#07	VX045701.D	10 Apr 2025 16:09	JC/MD	Ok
18	PB167534ZHE#08	VX045702.D	10 Apr 2025 16:32	JC/MD	Ok
19	PB167534ZHE#09	VX045703.D	10 Apr 2025 16:56	JC/MD	Ok
20	PB167534ZHE#10	VX045704.D	10 Apr 2025 17:19	JC/MD	Ok
21	PB167534ZHE#11	VX045705.D	10 Apr 2025 17:42	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB167534ZHE#12	VX045706.D	10 Apr 2025 18:05	JC/MD	Ok
23	PB167534ZHE#13	VX045707.D	10 Apr 2025 18:28	JC/MD	Ok
24	PB167534ZHE#14	VX045708.D	10 Apr 2025 18:51	JC/MD	Ok
25	Q1749-04	VX045709.D	10 Apr 2025 19:15	JC/MD	Ok
26	VSTDCCC050	VX045710.D	10 Apr 2025 19:38	JC/MD	Ok,M
27	BFB	VX045711.D	11 Apr 2025 02:10	JC/MD	Ok
28	VSTDCCC050	VX045712.D	11 Apr 2025 02:49	JC/MD	Ok,M
29	VX0410MBL02	VX045713.D	11 Apr 2025 03:36	JC/MD	Ok
30	VX0410WBL02	VX045714.D	11 Apr 2025 03:59	JC/MD	Ok
31	VX0410WBS02	VX045715.D	11 Apr 2025 04:22	JC/MD	Ok,M
32	VX0410WBSD02	VX045716.D	11 Apr 2025 05:09	JC/MD	Ok,M
33	Q1762-01DL	VX045717.D	11 Apr 2025 05:32	JC/MD	Ok
34	PB167534TB	VX045718.D	11 Apr 2025 05:55	JC/MD	Ok
35	Q1753-04	VX045719.D	11 Apr 2025 06:19	JC/MD	Ok
36	Q1753-08	VX045720.D	11 Apr 2025 06:42	JC/MD	Ok
37	Q1752-06	VX045721.D	11 Apr 2025 07:05	JC/MD	Ok
38	Q1752-08	VX045722.D	11 Apr 2025 07:28	JC/MD	Ok
39	Q1752-02	VX045723.D	11 Apr 2025 07:51	JC/MD	Ok
40	Q1752-04	VX045724.D	11 Apr 2025 08:15	JC/MD	Ok
41	Q1756-04	VX045725.D	11 Apr 2025 08:37	JC/MD	Ok
42	Q1760-04	VX045726.D	11 Apr 2025 09:00	JC/MD	Ok
43	Q1760-08	VX045727.D	11 Apr 2025 09:22	JC/MD	Ok,M
44	VSTDCCC050	VX045728.D	11 Apr 2025 09:45	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045524.D	01 Apr 2025 16:15		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX045525.D	01 Apr 2025 17:06	%D failed for Comp. #53 in 01PPB	JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX045526.D	01 Apr 2025 17:29		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX045527.D	01 Apr 2025 17:52		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX045528.D	01 Apr 2025 18:15		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX045529.D	01 Apr 2025 18:38		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX045530.D	01 Apr 2025 19:02		JC/MD	Ok,M
8	IBLK	IBLK	VX045531.D	01 Apr 2025 19:25		JC/MD	Ok
9	VSTDICV050	ICVVX040225	VX045532.D	01 Apr 2025 19:48		JC/MD	Ok,M
10	BFB	BFB	VX045533.D	02 Apr 2025 09:30		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
12	VX0402MBL01	VX0402MBL01	VX045535.D	02 Apr 2025 10:30		JC/MD	Ok
13	VX0402WBL01	VX0402WBL01	VX045536.D	02 Apr 2025 10:53		JC/MD	Ok
14	VX0402WBS01	VX0402WBS01	VX045537.D	02 Apr 2025 11:16		JC/MD	Ok,M
15	VX0402WBSD01	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44		JC/MD	Ok,M
16	Q1697-01	MW-19B-72-040125	VX045539.D	02 Apr 2025 12:07	vial A pH<2 Need 200X	JC/MD	Dilution
17	Q1697-02	IW-01-55-040125	VX045540.D	02 Apr 2025 12:30	vial A pH<2 Need 10X	JC/MD	Dilution

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX045541.D	02 Apr 2025 12:54		JC/MD	Ok
19	Q1697-01DL	MW-19B-72-040125DL	VX045542.D	02 Apr 2025 13:21	vial B pH<2	JC/MD	Ok
20	Q1697-02DL	IW-01-55-040125DL	VX045543.D	02 Apr 2025 13:44	vial B pH<2	JC/MD	Ok
21	Q1697-03	IW-02-55-040125	VX045544.D	02 Apr 2025 14:07	Need lower dilution	JC/MD	Not Ok
22	Q1697-04	IW-02-55-040125-FD	VX045545.D	02 Apr 2025 14:31	Need lower dilution	JC/MD	Not Ok
23	Q1697-05	IW-03-55-040125	VX045546.D	02 Apr 2025 14:54	Need lower dilution	JC/MD	Not Ok
24	Q1697-07	MW-19B-72-040125	VX045547.D	02 Apr 2025 15:18	Not On Login	JC/MD	Not Ok
25	IBLK	IBLK	VX045548.D	02 Apr 2025 15:41		JC/MD	Ok
26	Q1697-03	IW-02-55-040125	VX045549.D	02 Apr 2025 16:04	vial A pH<2	JC/MD	Ok
27	Q1697-04	IW-02-55-040125-FD	VX045550.D	02 Apr 2025 16:27	vial A pH<2	JC/MD	Ok
28	Q1697-05	IW-03-55-040125	VX045551.D	02 Apr 2025 16:51	vial A pH<2	JC/MD	Ok
29	Q1697-06	TB-01-040125	VX045552.D	02 Apr 2025 17:14	vial A pH<2 TB;Hit of comp.#44	JC/MD	ReRun
30	Q1623-01	Storage-Blank-SOIL-RE	VX045553.D	02 Apr 2025 17:37	vial A pH<2	JC/MD	Ok
31	Q1623-02	Storage-Blank-WATER-	VX045554.D	02 Apr 2025 18:01	vial A pH<2	JC/MD	Ok
32	Q1623-03	Storage-Blank-WATER-	VX045555.D	02 Apr 2025 18:24	vial A pH<2	JC/MD	Ok
33	Q1623-04	Storage-Blank-SAMPLE	VX045556.D	02 Apr 2025 18:47	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX045557.D	02 Apr 2025 19:10		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/10/2025 10:14:57 AM		
SubDirectory	VX040925	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133622
Initial Calibration Stds	
CCC	VP133623,VP133624
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045663.D	09 Apr 2025 09:38		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045664.D	09 Apr 2025 10:35	pH#Lot#V12668	JC/MD	Ok,M
3	VX0409MBL01	VX0409MBL01	VX045665.D	09 Apr 2025 11:03		JC/MD	Ok
4	VX0409WBL01	VX0409WBL01	VX045666.D	09 Apr 2025 11:26		JC/MD	Ok
5	VX0409WBS01	VX0409WBS01	VX045667.D	09 Apr 2025 11:49		JC/MD	Ok,M
6	VX0409WBSD01	VX0409WBSD01	VX045668.D	09 Apr 2025 12:14		JC/MD	Ok,M
7	Q1739-01	WC-LIQUID-20250404	VX045669.D	09 Apr 2025 12:38	vial A pH<2 oily sample	JC/MD	Ok
8	Q1739-02	WC-LIQUID-20250404	VX045670.D	09 Apr 2025 13:01	vial A pH<2 oily sample	JC/MD	Ok
9	PB167487TB	PB167487TB	VX045671.D	09 Apr 2025 13:24		JC/MD	Ok
10	IBLK	IBLK	VX045672.D	09 Apr 2025 13:47		JC/MD	Ok
11	Q1729-01	Storage-Blank-SOIL-RE	VX045673.D	09 Apr 2025 14:10	vial A pH<2	JC/MD	Ok
12	Q1729-02	Storage-Blank-WATER-	VX045674.D	09 Apr 2025 14:33	vial A pH<2	JC/MD	Ok
13	Q1729-03	Storage-Blank-WATER-	VX045675.D	09 Apr 2025 14:57	vial A pH<2	JC/MD	Ok
14	Q1729-04	Storage-Blank-SAMPLE	VX045676.D	09 Apr 2025 15:20	vial A pH<2	JC/MD	Ok
15	PB167492TB	PB167492TB	VX045677.D	09 Apr 2025 15:43		JC/MD	Ok
16	Q1746-02	B-149-SB01	VX045678.D	09 Apr 2025 16:06	vial A pH#5.0	JC/MD	Ok
17	Q1746-04	B-149-SB02	VX045679.D	09 Apr 2025 16:29	vial A pH#5.0	JC/MD	Ok
18	IBLK	IBLK	VX045680.D	09 Apr 2025 16:52		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/10/2025 10:14:57 AM		
SubDirectory	VX040925	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133622
Initial Calibration Stds	
CCC	VP133623,VP133624
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1762-01	MW4	VX045681.D	09 Apr 2025 17:16	vial A pH<2 Need 5X	JC/MD	Dilution
20	Q1762-02	MW5	VX045682.D	09 Apr 2025 17:39	vial A pH<2	JC/MD	Ok
21	IBLK	IBLK	VX045683.D	09 Apr 2025 18:02		JC/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VX045684.D	09 Apr 2025 18:25		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045685.D	10 Apr 2025 08:10		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045686.D	10 Apr 2025 08:44	pH#Lot#V12668	JC/MD	Ok,M
3	VX0410MBL01	VX0410MBL01	VX045687.D	10 Apr 2025 09:19		JC/MD	Ok
4	VX0410WBL01	VX0410WBL01	VX045688.D	10 Apr 2025 09:42		JC/MD	Ok
5	VX0410WBS01	VX0410WBS01	VX045689.D	10 Apr 2025 11:31		JC/MD	Ok,M
6	VX0410WBSD01	VX0410WBSD01	VX045690.D	10 Apr 2025 11:54		JC/MD	Ok,M
7	Q1748-04	IB-1.5-WC	VX045691.D	10 Apr 2025 12:17	vial A pH#5.0	JC/MD	Ok
8	Q1748-08	IB-2A-WC	VX045692.D	10 Apr 2025 12:40	vial A pH#5.0	JC/MD	Ok
9	Q1754-02	TP-1	VX045693.D	10 Apr 2025 13:03	vial A pH#5.0	JC/MD	Ok
10	Q1754-04	TP-1-CONCRETE	VX045694.D	10 Apr 2025 13:27	vial A pH#5.0	JC/MD	Ok
11	PB167534ZHE#01	PB167534ZHE#01	VX045695.D	10 Apr 2025 13:50		JC/MD	Ok
12	PB167534ZHE#02	PB167534ZHE#02	VX045696.D	10 Apr 2025 14:13		JC/MD	Ok
13	PB167534ZHE#03	PB167534ZHE#03	VX045697.D	10 Apr 2025 14:36		JC/MD	Ok
14	PB167534ZHE#04	PB167534ZHE#04	VX045698.D	10 Apr 2025 15:00		JC/MD	Ok
15	PB167534ZHE#05	PB167534ZHE#05	VX045699.D	10 Apr 2025 15:23		JC/MD	Ok
16	PB167534ZHE#06	PB167534ZHE#06	VX045700.D	10 Apr 2025 15:46		JC/MD	Ok
17	PB167534ZHE#07	PB167534ZHE#07	VX045701.D	10 Apr 2025 16:09		JC/MD	Ok
18	PB167534ZHE#08	PB167534ZHE#08	VX045702.D	10 Apr 2025 16:32		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PB167534ZHE#09	PB167534ZHE#09	VX045703.D	10 Apr 2025 16:56		JC/MD	Ok
20	PB167534ZHE#10	PB167534ZHE#10	VX045704.D	10 Apr 2025 17:19		JC/MD	Ok
21	PB167534ZHE#11	PB167534ZHE#11	VX045705.D	10 Apr 2025 17:42		JC/MD	Ok
22	PB167534ZHE#12	PB167534ZHE#12	VX045706.D	10 Apr 2025 18:05		JC/MD	Ok
23	PB167534ZHE#13	PB167534ZHE#13	VX045707.D	10 Apr 2025 18:28		JC/MD	Ok
24	PB167534ZHE#14	PB167534ZHE#14	VX045708.D	10 Apr 2025 18:51		JC/MD	Ok
25	Q1749-04	TP-14	VX045709.D	10 Apr 2025 19:15	vial A pH#5.0	JC/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VX045710.D	10 Apr 2025 19:38		JC/MD	Ok,M
27	BFB	BFB	VX045711.D	11 Apr 2025 02:10		JC/MD	Ok
28	VSTDCCC050	VSTDCCC050	VX045712.D	11 Apr 2025 02:49		JC/MD	Ok,M
29	VX0410MBL02	VX0410MBL02	VX045713.D	11 Apr 2025 03:36		JC/MD	Ok
30	VX0410WBL02	VX0410WBL02	VX045714.D	11 Apr 2025 03:59		JC/MD	Ok
31	VX0410WBS02	VX0410WBS02	VX045715.D	11 Apr 2025 04:22		JC/MD	Ok,M
32	VX0410WBSD02	VX0410WBSD02	VX045716.D	11 Apr 2025 05:09		JC/MD	Ok,M
33	Q1762-01DL	MW4DL	VX045717.D	11 Apr 2025 05:32	vial B pH<2	JC/MD	Ok
34	PB167534TB	PB167534TB	VX045718.D	11 Apr 2025 05:55		JC/MD	Ok
35	Q1753-04	WC-1	VX045719.D	11 Apr 2025 06:19	vial A pH#5.0	JC/MD	Ok
36	Q1753-08	WC-2	VX045720.D	11 Apr 2025 06:42	vial A pH#5.0	JC/MD	Ok
37	Q1752-06	TP-4	VX045721.D	11 Apr 2025 07:05	vial A pH#5.0	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM		
SubDirectory	VX041025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133631,VP133634
Initial Calibration Stds	
CCC	VP133632,VP133633,VP133635,VP133636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q1752-08	TP-3	VX045722.D	11 Apr 2025 07:28	vial A pH#5.0	JC/MD	Ok
39	Q1752-02	TP-1	VX045723.D	11 Apr 2025 07:51	vial A pH#5.0	JC/MD	Ok
40	Q1752-04	TP-2	VX045724.D	11 Apr 2025 08:15	vial A pH#5.0	JC/MD	Ok
41	Q1756-04	TP-9	VX045725.D	11 Apr 2025 08:37	vial A pH#5.0	JC/MD	Ok
42	Q1760-04	TP-17	VX045726.D	11 Apr 2025 09:00	vial A pH#5.0	JC/MD	Ok
43	Q1760-08	TP-15	VX045727.D	11 Apr 2025 09:22	vial A pH#5.0	JC/MD	Ok,M
44	VSTDCCC050	VSTDCCC050EC	VX045728.D	11 Apr 2025 09:45		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1762	**OrderDate:**	4/9/2025 2:47:49 PM
Client:	G Environmental	**Project:**	ANN
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1762-01	**MW4**	**Water**			**04/09/25**			**04/09/25**
			VOC-TCLVOA-10	8260D			04/09/25	
Q1762-01DL	**MW4DL**	**Water**			**04/09/25**			**04/09/25**
			VOC-TCLVOA-10	8260D			04/11/25	
Q1762-02	**MW5**	**Water**			**04/09/25**			**04/09/25**
			VOC-TCLVOA-10	8260D			04/09/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1762

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW5									
Q1762-02	MW5	WATER	Caprolactam		19.900		1.1	10	ug/L
Q1762-02	MW5	WATER	2-Methylnaphthalene		58.400		0.56	5	ug/L
Q1762-02	MW5	WATER	Acenaphthene		3.100	J	0.55	5	ug/L
Q1762-02	MW5	WATER	Fluorene		5.700		0.63	5	ug/L
Q1762-02	MW5	WATER	Phenanthrene		5.600		0.5	5	ug/L
			Total Svoc :				**92.70**		
Q1762-02	MW5	WATER	1H-Indene, 2,3-dihydro-4-methyl-	*	10.000	J	0	0	ug/L
Q1762-02	MW5	WATER	2,6,10-Trimethyltridecane	*	10.000	J	0	0	ug/L
Q1762-02	MW5	WATER	Benzene, 1,2,4,5-tetramethyl-	*	10.400	J	0	0	ug/L
Q1762-02	MW5	WATER	Benzene, 1,3-diethyl-	*	14.200	J	0	0	ug/L
Q1762-02	MW5	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	22.800	J	0	0	ug/L
Q1762-02	MW5	WATER	Heptadecane, 2,6-dimethyl-	*	22.000	J	0	0	ug/L
Q1762-02	MW5	WATER	Indane	*	30.600	J	0	0	ug/L
Q1762-02	MW5	WATER	Naphthalene, 1,4-dimethyl-	*	24.800	J	0	0	ug/L
Q1762-02	MW5	WATER	Naphthalene, 1,5-dimethyl-	*	15.800	J	0	0	ug/L
Q1762-02	MW5	WATER	Naphthalene, 1,6,7-trimethyl-	*	12.400	J	0	0	ug/L
Q1762-02	MW5	WATER	Naphthalene, 2-(1-methylethyl)-	*	11.500	J	0	0	ug/L
Q1762-02	MW5	WATER	Naphthalene, 2,3,6-trimethyl-	*	10.700	J	0	0	ug/L
Q1762-02	MW5	WATER	Naphthalene, 2,3-dimethyl-	*	44.700	J	0	0	ug/L
Q1762-02	MW5	WATER	Naphthalene, 2,6-dimethyl-	*	19.800	J	0	0	ug/L
Q1762-02	MW5	WATER	n-Hexadecanoic acid	*	12.500	J	0	0	ug/L
Q1762-02	MW5	WATER	o-Cymene	*	51.400	J	0	0	ug/L
Q1762-02	MW5	WATER	Pentacosane	*	13.300	J	0	0	ug/L
Q1762-02	MW5	WATER	Pentadecane, 2,6,10-trimethyl-	*	11.600	J	0	0	ug/L
Q1762-02	MW5	WATER	9H-Fluorene, 2-methyl-	*	9.900	J	0	0	ug/L
Q1762-02	MW5	WATER	unknown9.063	*	9.500	J	0	0	ug/L
Q1762-02	MW5	WATER	1-Methylnaphthalene	*	56.600	J	0.66	5	ug/L
			Total Tics :				**424.50**		
			Total Concentration:				**517.20**		

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024318.D	1	04/11/25 08:32	04/16/25 19:18	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	UQ	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	UQ	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	19.9		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	58.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	UQ	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024318.D	1	04/11/25 08:32	04/16/25 19:18	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.00	ug/L
83-32-9	Acenaphthene	3.10	J	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.70		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	UQ	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.60		0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024318.D	1	04/11/25 08:32	04/16/25 19:18	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	53.8		15 (10) - 110 (139)	36%	SPK: 150
13127-88-3	Phenol-d6	29.9		15 (10) - 110 (134)	20%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.3		30 (49) - 130 (133)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.1		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		15 (44) - 110 (137)	79%	SPK: 150
1718-51-0	Terphenyl-d14	79.2		30 (48) - 130 (125)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	312000	7.728			
1146-65-2	Naphthalene-d8	1200000	10.505			
15067-26-2	Acenaphthene-d10	686000	14.357			
1517-22-2	Phenanthrene-d10	1250000	17.157			
1719-03-5	Chrysene-d12	1380000	21.604			
1520-96-3	Perylene-d12	1660000	24.963			
TENTATIVE IDENTIFIED COMPOUNDS						
000496-11-7	Indane	30.6	J		8.10	ug/L
000141-93-5	Benzene, 1,3-diethyl-	14.2	J		8.22	ug/L
000527-84-4	o-Cymene	51.4	J		8.82	ug/L
	unknown9.063	9.50	J		9.06	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	10.4	J		9.34	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	10.0	J		9.76	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	22.8	J		9.90	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024318.D	1	04/11/25 08:32	04/16/25 19:18	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
90-12-0	1-Methylnaphthalene	56.6	J		12.4	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	19.8	J		13.5	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	44.7	J		13.7	ug/L
000571-58-4	Naphthalene, 1,4-dimethyl-	24.8	J		13.7	ug/L
003891-99-4	2,6,10-Trimethyltridecane	10.0	J		13.9	ug/L
000571-61-9	Naphthalene, 1,5-dimethyl-	15.8	J		13.9	ug/L
002027-17-0	Naphthalene, 2-(1-methylethyl)-	11.5	J		14.6	ug/L
002245-38-7	Naphthalene, 1,6,7-trimethyl-	12.4	J		14.8	ug/L
000829-26-5	Naphthalene, 2,3,6-trimethyl-	10.7	J		15.0	ug/L
003892-00-0	Pentadecane, 2,6,10-trimethyl-	11.6	J		15.6	ug/L
054105-67-8	Heptadecane, 2,6-dimethyl-	22.0	J		16.1	ug/L
001430-97-3	9H-Fluorene, 2-methyl-	9.90	J		16.5	ug/L
000629-99-2	Pentacosane	13.3	J		17.0	ug/L
000057-10-3	n-Hexadecanoic acid	12.5	J		18.1	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167564BL	PB167564BL	2-Fluorophenol	150	138	92		15 (10)	110 (139)
		Phenol-d6	150	125	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	90.4	90		30 (49)	130 (133)
		2-Fluorobiphenyl	100	90.0	90		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	128	86		15 (44)	110 (137)
		Terphenyl-d14	100	92.3	92		30 (48)	130 (125)
PB167564BS	PB167564BS	2-Fluorophenol	150	137	91		15 (10)	110 (139)
		Phenol-d6	150	131	87		15 (10)	110 (134)
		Nitrobenzene-d5	100	84.4	84		30 (49)	130 (133)
		2-Fluorobiphenyl	100	82.3	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	132	88		15 (44)	110 (137)
		Terphenyl-d14	100	109	109		30 (48)	130 (125)
PB167564BSD	PB167564BSD	2-Fluorophenol	150	143	95		15 (10)	110 (139)
		Phenol-d6	150	137	92		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.8	89		30 (49)	130 (133)
		2-Fluorobiphenyl	100	84.7	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	151	101		15 (44)	110 (137)
		Terphenyl-d14	100	90.3	90		30 (48)	130 (125)
Q1762-02	MW5	2-Fluorophenol	150	53.8	36		15 (10)	110 (139)
		Phenol-d6	150	29.9	20		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.3	80		30 (49)	130 (133)
		2-Fluorobiphenyl	100	82.1	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	119	79		15 (44)	110 (137)
		Terphenyl-d14	100	79.2	79		30 (48)	130 (125)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024322.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167564BS	Benzaldehyde	50	21.5	ug/L	43				20 (10)	160 (162)	
	Phenol	50	48.9	ug/L	98				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	43.0	ug/L	86				70 (62)	130 (103)	
	2-Chlorophenol	50	47.9	ug/L	96				70 (70)	130 (117)	
	2-Methylphenol	50	51.7	ug/L	103				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	45.6	ug/L	91				70 (65)	130 (100)	
	Acetophenone	50	42.1	ug/L	84				70 (60)	130 (104)	
	3+4-Methylphenols	50	50.8	ug/L	102				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	44.0	ug/L	88				70 (57)	130 (107)	
	Hexachloroethane	50	44.2	ug/L	88				20 (76)	160 (118)	
	Nitrobenzene	50	43.9	ug/L	88				70 (58)	130 (106)	
	Isophorone	50	46.7	ug/L	93				70 (61)	130 (102)	
	2-Nitrophenol	50	47.2	ug/L	94				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	68.3	ug/L	137		*		70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	43.9	ug/L	88				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	48.6	ug/L	97				70 (66)	130 (115)	
	Naphthalene	50	41.1	ug/L	82				70 (64)	130 (107)	
	4-Chloroaniline	50	17.5	ug/L	35		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	43.8	ug/L	88				70 (69)	130 (101)	
	Caprolactam	50	45.9	ug/L	92				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	48.4	ug/L	97				70 (65)	130 (114)	
	2-Methylnaphthalene	50	38.8	ug/L	78				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	48.0	ug/L	96				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	47.8	ug/L	96				70 (70)	130 (106)	
	1,1-Biphenyl	50	42.9	ug/L	86				70 (72)	130 (98)	
	2-Chloronaphthalene	50	43.4	ug/L	87				70 (59)	130 (106)	
	2-Nitroaniline	50	48.0	ug/L	96				70 (73)	130 (114)	
	Dimethylphthalate	50	43.5	ug/L	87				70 (64)	130 (103)	
	Acenaphthylene	50	47.0	ug/L	94				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	45.6	ug/L	91				70 (64)	130 (110)	
	3-Nitroaniline	50	27.2	ug/L	54		*		70 (28)	130 (100)	
	Acenaphthene	50	42.0	ug/L	84				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	99.2	ug/L	99				20 (36)	160 (166)	
	4-Nitrophenol	100	90.6	ug/L	91				20 (45)	160 (147)	
	Dibenzofuran	50	40.9	ug/L	82				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	46.3	ug/L	93				70 (60)	130 (115)	
	Diethylphthalate	50	42.4	ug/L	85				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	42.9	ug/L	86				70 (61)	130 (104)	
	Fluorene	50	43.0	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	41.4	ug/L	83				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	47.7	ug/L	95				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	46.2	ug/L	92				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	46.7	ug/L	93				70 (73)	130 (103)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024322.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167564BS	Hexachlorobenzene	50	46.8	ug/L	94				70 (73)	130 (106)	
	Atrazine	50	60.1	ug/L	120				70 (76)	130 (120)	
	Pentachlorophenol	100	92.5	ug/L	93				20 (47)	160 (114)	
	Phenanthrene	50	43.4	ug/L	87				70 (62)	130 (109)	
	Anthracene	50	45.6	ug/L	91				70 (65)	130 (110)	
	Carbazole	50	42.3	ug/L	85				70 (62)	130 (106)	
	Di-n-butylphthalate	50	41.3	ug/L	83				70 (64)	130 (106)	
	Fluoranthene	50	38.7	ug/L	77				70 (64)	130 (110)	
	Pyrene	50	56.3	ug/L	113				70 (71)	130 (103)	
	Butylbenzylphthalate	50	49.3	ug/L	99				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	28.2	ug/L	56		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	46.4	ug/L	93				70 (62)	130 (107)	
	Chrysene	50	44.8	ug/L	90				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	42.2	ug/L	84				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	39.3	ug/L	79				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	44.9	ug/L	90				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	45.9	ug/L	92				70 (77)	130 (105)	
	Benzo(a)pyrene	50	49.6	ug/L	99				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	50.4	ug/L	101				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	50.4	ug/L	101				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	49.2	ug/L	98				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	42.9	ug/L	86				70 (72)	130 (101)	
	1,4-Dioxane	50	33.7	ug/L	67				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	44.8	ug/L	90				70 (63)	130 (116)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024323.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167564BSD	Benzaldehyde	50	21.3	ug/L	43	1			20 (10)	160 (162)	20 (20)
	Phenol	50	51.0	ug/L	102	4			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	44.9	ug/L	90	4			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	50.1	ug/L	100	4			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	54.1	ug/L	108	5			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	47.4	ug/L	95	4			70 (65)	130 (100)	20 (20)
	Acetophenone	50	44.7	ug/L	89	6			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	53.4	ug/L	107	5			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	46.3	ug/L	93	5			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	46.5	ug/L	93	5			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	45.8	ug/L	92	4			70 (58)	130 (106)	20 (20)
	Isophorone	50	49.9	ug/L	100	7			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	50.0	ug/L	100	6			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	71.6	ug/L	143	5	*		70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	46.7	ug/L	93	6			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	52.3	ug/L	105	7			70 (66)	130 (115)	20 (20)
	Naphthalene	50	43.6	ug/L	87	6			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	19.9	ug/L	40	13	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	46.2	ug/L	92	5			70 (69)	130 (101)	20 (20)
	Caprolactam	50	53.3	ug/L	107	15			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	52.6	ug/L	105	8			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	41.1	ug/L	82	6			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	170	ug/L	170	0	*		20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	50.5	ug/L	101	5			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	51.5	ug/L	103	7			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	44.2	ug/L	88	3			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	45.0	ug/L	90	4			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	51.8	ug/L	104	8			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	47.8	ug/L	96	9			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	49.4	ug/L	99	5			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	50.8	ug/L	102	11			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	30.6	ug/L	61	12	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	44.2	ug/L	88	5			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	120	ug/L	120	19			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	110	ug/L	110	19			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	43.6	ug/L	87	6			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	53.4	ug/L	107	14			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	47.6	ug/L	95	12			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	46.8	ug/L	94	9			70 (61)	130 (104)	20 (20)
	Fluorene	50	46.3	ug/L	93	7			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	50.4	ug/L	101	20			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	51.0	ug/L	102	7			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	46.6	ug/L	93	1			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	47.5	ug/L	95	2			70 (73)	130 (103)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024323.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167564BSD	Hexachlorobenzene	50	47.7	ug/L	95	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	67.9	ug/L	136	12	*		70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	100	ug/L	100	8			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	45.2	ug/L	90	4			70 (62)	130 (109)	20 (20)
	Anthracene	50	48.1	ug/L	96	5			70 (65)	130 (110)	20 (20)
	Carbazole	50	48.3	ug/L	97	13			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	49.0	ug/L	98	17			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	46.5	ug/L	93	18			70 (64)	130 (110)	20 (20)
	Pyrene	50	45.9	ug/L	92	20			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	51.4	ug/L	103	4			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	31.7	ug/L	63	12	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	47.6	ug/L	95	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	45.9	ug/L	92	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	49.0	ug/L	98	15			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	49.6	ug/L	99	23		*	70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	49.2	ug/L	98	9			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	49.4	ug/L	99	7			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	52.0	ug/L	104	5			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	41.9	ug/L	84	18			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	41.9	ug/L	84	18			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	38.7	ug/L	77	24		*	70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	44.3	ug/L	89	3			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	34.3	ug/L	69	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	50.1	ug/L	100	11			70 (63)	130 (116)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167564BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: BP024309.D Lab Sample ID: PB167564BL

Instrument ID: BNA_P Date Extracted: 04/11/2025

Matrix: (soil/water) Water Date Analyzed: 04/16/2025

Level: (low/med) LOW Time Analyzed: 13:07

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW5	Q1762-02	BP024318.D	04/16/2025
PB167564BS	PB167564BS	BP024322.D	04/17/2025
PB167564BSD	PB167564BSD	BP024323.D	04/17/2025

COMMENTS:

Form IV SV

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: BP024274.D DFTPP Injection Date: 04/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	99.1
443	15.0 - 24.0% of mass 442	19.2 (19.4) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024275.D	04/14/2025	11:06
SSTDICC005	SSTDICC005	BP024276.D	04/14/2025	11:47
SSTDICC010	SSTDICC010	BP024277.D	04/14/2025	12:27
SSTDICC020	SSTDICC020	BP024278.D	04/14/2025	13:08
SSTDICCC040	SSTDICCC040	BP024279.D	04/14/2025	13:49
SSTDICC050	SSTDICC050	BP024280.D	04/14/2025	15:10
SSTDICC060	SSTDICC060	BP024281.D	04/14/2025	16:32
SSTDICC080	SSTDICC080	BP024282.D	04/14/2025	17:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: BP024303.D DFTPP Injection Date: 04/16/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024304.D	04/16/2025	09:43
PB167564BL	PB167564BL	BP024309.D	04/16/2025	13:07
MW5	Q1762-02	BP024318.D	04/16/2025	19:18

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: BP024319.D DFTPP Injection Date: 04/17/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.9
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024320.D	04/17/2025	10:30
PB167564BS	PB167564BS	BP024322.D	04/17/2025	11:51
PB167564BSD	PB167564BSD	BP024323.D	04/17/2025	12:32

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/16/2025

Lab File ID: BP024304.D Time Analyzed: 09:43

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	273289	7.728	1112650	10.50	684984	14.36
	UPPER LIMIT	546578	8.228	2225300	10.999	1369970	14.857
	LOWER LIMIT	136645	7.228	556325	9.999	342492	13.857
	EPA SAMPLE NO.						
01	PB167564BL	270242	7.73	1066350	10.50	644577	14.36
02	MW5	312256	7.73	1204770	10.51	686283	14.36

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/16/2025

Lab File ID: BP024304.D Time Analyzed: 09:43

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1326070	17.163	1395750	21.622	1605780	24.98
	UPPER LIMIT	2652140	17.663	2791500	22.122	3211560	25.48
	LOWER LIMIT	663035	16.663	697875	21.122	802890	24.48
	EPA SAMPLE NO.						
01	PB167564BL	1213250	17.17	1175360	21.63	1338100	24.99
02	MW5	1252820	17.16	1383650	21.60	1663370	24.96

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/17/2025

Lab File ID: BP024320.D Time Analyzed: 10:30

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	303712	7.728	1329210	10.50	880817	14.36
	UPPER LIMIT	607424	8.228	2658420	10.998	1761630	14.857
	LOWER LIMIT	151856	7.228	664605	9.998	440409	13.857
	EPA SAMPLE NO.						
01	PB167564BS	334068	7.73	1451800	10.50	946390	14.36
02	PB167564BSD	302883	7.73	1314400	10.50	875504	14.36

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/17/2025

Lab File ID: BP024320.D Time Analyzed: 10:30

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1702910	17.157	1526870	21.609	1367820	24.962
	UPPER LIMIT	3405820	17.657	3053740	22.109	2735640	25.462
	LOWER LIMIT	851455	16.657	763435	21.109	683910	24.462
	EPA SAMPLE NO.						
01	PB167564BS	1773500	17.16	1227920	21.60	1207870	24.94
02	PB167564BSD	1837450	17.16	1940220	21.60	1918970	24.95

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	PB167564BL	SDG No.:	Q1762
Lab Sample ID:	PB167564BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024309.D	1	04/11/25 08:32	04/16/25 13:07	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	PB167564BL	SDG No.:	Q1762
Lab Sample ID:	PB167564BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024309.D	1	04/11/25 08:32	04/16/25 13:07	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	PB167564BL			SDG No.:	Q1762
Lab Sample ID:	PB167564BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024309.D	1	04/11/25 08:32	04/16/25 13:07	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	138		15 (10) - 110 (139)	92%	SPK: 150
13127-88-3	Phenol-d6	125		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.4		30 (49) - 130 (133)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.0		30 (52) - 130 (132)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		15 (44) - 110 (137)	86%	SPK: 150
1718-51-0	Terphenyl-d14	92.3		30 (48) - 130 (125)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	270000	7.728			
1146-65-2	Naphthalene-d8	1070000	10.504			
15067-26-2	Acenaphthene-d10	645000	14.363			
1517-22-2	Phenanthrene-d10	1210000	17.174			
1719-03-5	Chrysene-d12	1180000	21.627			
1520-96-3	Perylene-d12	1340000	24.992			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	25.2	A		4.89	ug/L
000107-70-0	2-Pentanone, 4-methoxy-4-methyl-	5.00	J		5.95	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	PB167564BL			SDG No.:	Q1762
Lab Sample ID:	PB167564BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024309.D	1	04/11/25 08:32	04/16/25 13:07	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	PB167564BS	SDG No.:	Q1762
Lab Sample ID:	PB167564BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024322.D	1	04/11/25 08:32	04/17/25 11:51	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	21.5		3.90	10.0	ug/L
108-95-2	Phenol	48.9		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.0		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	47.9		0.58	5.00	ug/L
95-48-7	2-Methylphenol	51.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.6		1.30	5.00	ug/L
98-86-2	Acetophenone	42.1		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	50.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.0		1.40	2.50	ug/L
67-72-1	Hexachloroethane	44.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	43.9		0.76	5.00	ug/L
78-59-1	Isophorone	46.7		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	47.2		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	68.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.9		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	48.6		0.52	5.00	ug/L
91-20-3	Naphthalene	41.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	17.5		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.8		0.54	5.00	ug/L
105-60-2	Caprolactam	45.9		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	48.4		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	38.8		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	48.0		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.8		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	42.9		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.4		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	48.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	43.5		0.61	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	PB167564BS	SDG No.:	Q1762
Lab Sample ID:	PB167564BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024322.D	1	04/11/25 08:32	04/17/25 11:51	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	47.0		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	45.6		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	27.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	42.0		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	99.2	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	90.6	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	40.9		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	46.3		1.20	5.00	ug/L
84-66-2	Diethylphthalate	42.4		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.9		0.68	5.00	ug/L
86-73-7	Fluorene	43.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	41.4		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	46.2		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.7		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	46.8		0.52	5.00	ug/L
1912-24-9	Atrazine	60.1		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	92.5	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.4		0.50	5.00	ug/L
120-12-7	Anthracene	45.6		0.61	5.00	ug/L
86-74-8	Carbazole	42.3		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.3		1.20	5.00	ug/L
206-44-0	Fluoranthene	38.7		0.82	5.00	ug/L
129-00-0	Pyrene	56.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	49.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	28.2		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.4		0.45	5.00	ug/L
218-01-9	Chrysene	44.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.3		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	44.9		0.49	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	PB167564BS			SDG No.:	Q1762
Lab Sample ID:	PB167564BS			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024322.D	1	04/11/25 08:32	04/17/25 11:51	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	45.9		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	49.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	49.2		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.9		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	33.7		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.8		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	137		15 (10) - 110 (139)	91%	SPK: 150
13127-88-3	Phenol-d6	131		15 (10) - 110 (134)	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.4		30 (49) - 130 (133)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.3		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		15 (44) - 110 (137)	88%	SPK: 150
1718-51-0	Terphenyl-d14	109		30 (48) - 130 (125)	109%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	334000	7.728			
1146-65-2	Naphthalene-d8	1450000	10.499			
15067-26-2	Acenaphthene-d10	946000	14.357			
1517-22-2	Phenanthrene-d10	1770000	17.157			
1719-03-5	Chrysene-d12	1230000	21.598			
1520-96-3	Perylene-d12	1210000	24.939			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	PB167564BSD	SDG No.:	Q1762
Lab Sample ID:	PB167564BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024323.D	1	04/11/25 08:32	04/17/25 12:32	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	21.3		3.90	10.0	ug/L
108-95-2	Phenol	51.0		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.9		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	50.1		0.58	5.00	ug/L
95-48-7	2-Methylphenol	54.1		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.4		1.30	5.00	ug/L
98-86-2	Acetophenone	44.7		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	53.4		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.3		1.40	2.50	ug/L
67-72-1	Hexachloroethane	46.5		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.8		0.76	5.00	ug/L
78-59-1	Isophorone	49.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	50.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	71.6		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.7		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	52.3		0.52	5.00	ug/L
91-20-3	Naphthalene	43.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	19.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.2		0.54	5.00	ug/L
105-60-2	Caprolactam	53.3		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	52.6		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.1		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	50.5		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	51.5		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	44.2		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.0		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	51.8		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	47.8		0.61	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	PB167564BSD	SDG No.:	Q1762
Lab Sample ID:	PB167564BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024323.D	1	04/11/25 08:32	04/17/25 12:32	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	49.4		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.8		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	30.6		1.10	5.00	ug/L
83-32-9	Acenaphthene	44.2		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	43.6		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	53.4		1.20	5.00	ug/L
84-66-2	Diethylphthalate	47.6		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.8		0.68	5.00	ug/L
86-73-7	Fluorene	46.3		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	50.4		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.0		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	46.6		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	47.7		0.52	5.00	ug/L
1912-24-9	Atrazine	67.9		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	45.2		0.50	5.00	ug/L
120-12-7	Anthracene	48.1		0.61	5.00	ug/L
86-74-8	Carbazole	48.3		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	49.0		1.20	5.00	ug/L
206-44-0	Fluoranthene	46.5		0.82	5.00	ug/L
129-00-0	Pyrene	45.9		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	51.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.7		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	47.6		0.45	5.00	ug/L
218-01-9	Chrysene	45.9		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	49.6		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	49.2		0.49	5.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	PB167564BSD			SDG No.:	Q1762
Lab Sample ID:	PB167564BSD			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024323.D	1	04/11/25 08:32	04/17/25 12:32	PB167564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.4		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	52.0		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.9		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	38.7		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.3		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	34.3		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.1		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	143		15 (10) - 110 (139)	95%	SPK: 150
13127-88-3	Phenol-d6	137		15 (10) - 110 (134)	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.8		30 (49) - 130 (133)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.7		30 (52) - 130 (132)	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	151		15 (44) - 110 (137)	101%	SPK: 150
1718-51-0	Terphenyl-d14	90.3		30 (48) - 130 (125)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	303000	7.728			
1146-65-2	Naphthalene-d8	1310000	10.504			
15067-26-2	Acenaphthene-d10	876000	14.363			
1517-22-2	Phenanthrene-d10	1840000	17.157			
1719-03-5	Chrysene-d12	1940000	21.604			
1520-96-3	Perylene-d12	1920000	24.945			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024275.D 5 =BP024276.D 10 =BP024277.D 20 =BP024278.D 40 =BP024279.D 50 =BP024280.D 60 =BP024281.D 80 =BP0242
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.551	0.517	0.552	0.512	0.481	0.490	0.477	0.512	6.10
3)		Pyridine		1.265	1.280	1.422	1.396	1.333	1.383	1.378	1.351	4.43
4)		n-Nitrosodimet...		0.424	0.443	0.469	0.457	0.442	0.460	0.444	0.448	3.29
5)	S	2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.277	1.196	1.210	4.93
6)		Aniline		1.439	1.487	1.636	1.587	1.403	1.428	1.380	1.480	6.52
7)	S	Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.769	1.647	1.656	6.75
8)		2-Chlorophenol		1.260	1.297	1.412	1.399	1.359	1.400	1.328	1.350	4.30
9)		Benzaldehyde		0.943	0.934	0.942	0.836	0.732	0.726	0.621	0.819	15.70
10)	C	Phenol		1.475	1.565	1.720	1.750	1.698	1.779	1.643	1.661	6.54
11)		bis(2-Chloroet...		1.278	1.317	1.399	1.398	1.321	1.358	1.300	1.339	3.56
12)		1,3-Dichlorobe...		1.464	1.486	1.534	1.486	1.402	1.433	1.373	1.454	3.79
13)	C	1,4-Dichlorobe...		1.496	1.489	1.550	1.494	1.436	1.463	1.399	1.475	3.28
14)		1,2-Dichlorobe...		1.472	1.441	1.502	1.445	1.362	1.411	1.339	1.424	4.10
15)		Benzyl Alcohol		0.857	0.935	1.106	1.158	1.142	1.178	1.122	1.071	11.58
16)		2,2'-oxybis(1-...		1.452	1.496	1.517	1.514	1.405	1.397	1.348	1.447	4.54
17)		2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.150	1.087	1.075	7.97
18)		Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	0.510	0.533	2.88
19)	P	n-Nitroso-di-n...	0.941	1.008	1.008	1.088	1.084	1.041	1.038	0.989	1.025	4.76
20)		3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.607	1.525	1.491	9.57
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.470	0.487	0.522	0.519	0.490	0.495	0.483	0.495	3.85
23)	S	Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.356	0.347	0.351	4.76
24)		Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.353	0.340	0.347	3.96
25)		Isophorone		0.575	0.601	0.653	0.673	0.650	0.654	0.639	0.635	5.41
26)	C	2-Nitrophenol		0.130	0.143	0.172	0.183	0.184	0.191	0.186	0.170	13.97
27)		2,4-Dimethylph...		0.180	0.194	0.219	0.226	0.225	0.228	0.221	0.213	8.81
28)		bis(2-Chloroet...		0.412	0.426	0.444	0.452	0.430	0.425	0.412	0.429	3.51
29)	C	2,4-Dichloroph...		0.242	0.268	0.297	0.308	0.307	0.311	0.302	0.291	8.94
30)		1,2,4-Trichlor...		0.308	0.305	0.318	0.321	0.309	0.315	0.306	0.311	2.00
31)		Naphthalene		1.044	1.054	1.091	1.079	1.037	1.048	1.023	1.054	2.27
32)		Benzoic acid			0.185	0.226	0.242	0.270	0.285	0.282	0.248	15.56
33)		4-Chloroaniline		0.328	0.349	0.389	0.397	0.378	0.379	0.378	0.371	6.46
34)	C	Hexachlorobuta...		0.181	0.181	0.186	0.189	0.181	0.182	0.182	0.183	1.62
35)		Caprolactam		0.085	0.092	0.111	0.112	0.115	0.121	0.115	0.107	12.53
36)	C	4-Chloro-3-met...		0.284	0.310	0.349	0.357	0.356	0.363	0.351	0.339	8.82
37)		2-Methylnaphth...		0.700	0.720	0.755	0.755	0.733	0.740	0.712	0.731	2.89
38)		1-Methylnaphth...		0.700	0.714	0.737	0.731	0.712	0.718	0.691	0.715	2.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.522	0.538	0.568	0.576	0.544	0.549	0.552	0.550	3.33
41)	P	Hexachlorocycl...	0.162	0.185	0.197	0.218	0.199	0.197	0.204	0.195	8.92
42)	S	2,4,6-Tribromo...	0.235	0.256	0.278	0.289	0.289	0.296	0.294	0.277	8.29
43)	C	2,4,6-Trichlor...	0.301	0.335	0.369	0.389	0.386	0.390	0.390	0.366	9.51
44)		2,4,5-Trichlor...	0.332	0.371	0.409	0.427	0.429	0.436	0.430	0.405	9.62
45)	S	2-Fluorobiphenyl	1.332	1.334	1.359	1.366	1.263	1.251	1.240	1.306	4.08
46)		1,1'-Biphenyl	1.454	1.489	1.528	1.529	1.434	1.428	1.429	1.470	3.07
47)		2-Chloronaphth...	1.063	1.100	1.135	1.139	1.085	1.090	1.078	1.099	2.60
48)		2-Nitroaniline	0.250	0.270	0.317	0.330	0.324	0.335	0.331	0.308	10.98
49)		Acenaphthylene	1.604	1.680	1.793	1.814	1.726	1.763	1.730	1.730	4.11
50)		Dimethylphthalate	1.429	1.416	1.495	1.495	1.460	1.460	1.426	1.454	2.22
51)		2,6-Dinitrotol...	0.264	0.290	0.319	0.325	0.319	0.328	0.317	0.309	7.58
52)	C	Acenaphthene	1.087	1.087	1.141	1.126	1.081	1.079	1.076	1.097	2.35
53)		3-Nitroaniline	0.250	0.289	0.338	0.354	0.342	0.340	0.358	0.325	12.25
54)	P	2,4-Dinitrophenol		0.125	0.163	0.186	0.196	0.210	0.211	0.182	18.22
55)		Dibenzofuran	1.801	1.807	1.871	1.833	1.746	1.768	1.723	1.793	2.84
56)	P	4-Nitrophenol	0.190	0.231	0.289	0.305	0.306	0.323	0.317	0.280	17.90
57)		2,4-Dinitrotol...	0.334	0.368	0.439	0.448	0.442	0.463	0.456	0.421	11.82
58)		Fluorene	1.376	1.397	1.454	1.398	1.368	1.366	1.356	1.388	2.40
59)		2,3,4,6-Tetrac...	0.327	0.351	0.380	0.389	0.387	0.390	0.389	0.373	6.57
60)		Diethylphthalate	1.451	1.484	1.528	1.550	1.499	1.499	1.481	1.499	2.16
61)		4-Chlorophenyl...	0.667	0.675	0.699	0.680	0.667	0.670	0.659	0.674	1.95
62)		4-Nitroaniline	0.263	0.300	0.353	0.369	0.364	0.380	0.376	0.344	12.99
63)		Azobenzene	1.269	1.383	1.446	1.431	1.385	1.385	1.344	1.378	4.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.095	0.118	0.131	0.134	0.140	0.138	0.126	13.50
66)	c	n-Nitrosodiphe...	0.567	0.585	0.616	0.630	0.591	0.608	0.580	0.597	3.71
67)		4-Bromophenyl-...	0.203	0.212	0.220	0.230	0.220	0.225	0.222	0.219	4.11
68)		Hexachlorobenzene	0.247	0.247	0.260	0.271	0.261	0.269	0.263	0.260	3.67
69)		Atrazine	0.176	0.167	0.134	0.121	0.162			0.152	15.57
70)	C	Pentachlorophenol	0.143	0.155	0.175	0.196	0.197	0.203	0.201	0.181	13.35
71)		Phenanthrene	1.098	1.086	1.117	1.127	1.070	1.082	1.058	1.091	2.27
72)		Anthracene	0.995	1.017	1.084	1.111	1.053	1.071	1.030	1.052	3.85
73)		Carbazole	0.968	0.998	1.060	1.084	1.014	1.037	1.031	1.027	3.78
74)		Di-n-butylphth...	1.147	1.230	1.253	1.398	1.310	1.338	1.284	1.280	6.30
75)	C	Fluoranthene	1.289	1.274	1.316	1.347	1.280	1.304	1.274	1.298	2.07
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.144	0.141	0.109	0.436	0.333	0.302	0.307	0.254	48.39
78)		Pyrene	1.192	1.236	1.345	1.305	1.294	1.305	1.219	1.271	4.38
79)	S	Terphenyl-d14	0.967	0.998	1.055	1.032	1.005	0.964	0.926	0.992	4.42
80)		Butylbenzylpht...	0.434	0.488	0.546	0.596	0.580	0.593	0.574	0.544	11.25
81)		Benzo(a)anthra...	1.195	1.214	1.292	1.293	1.234	1.253	1.221	1.243	3.08
82)		3,3'-Dichlorob...	0.345	0.383	0.431	0.486	0.463	0.485	0.460	0.436	12.30
83)		Chrysene	1.180	1.181	1.229	1.213	1.173	1.193	1.167	1.191	1.88
84)		Bis(2-ethylhex...	0.639	0.735	0.779	0.893	0.853	0.867	0.819	0.798	11.09
85)	c	Di-n-octyl pht...	0.945	1.093	1.222	1.461	1.430	1.486	1.446	1.297	16.46

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.252	1.304	1.407	1.444	1.401	1.445	1.466	1.388	5.77
88)		Benzo(b)fluora...	1.130	1.174	1.217	1.258	1.196	1.205	1.212	1.199	3.30
89)		Benzo(k)fluora...	1.088	1.131	1.217	1.212	1.154	1.166	1.138	1.158	3.94
90)	C	Benzo(a)pyrene	0.939	0.971	1.057	1.091	1.053	1.070	1.058	1.034	5.44
91)		Dibenzo(a,h)an...	1.046	1.089	1.172	1.203	1.169	1.186	1.202	1.152	5.28
92)		Benzo(g,h,i)pe...	1.073	1.110	1.198	1.218	1.180	1.209	1.224	1.173	4.99

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: BNA_P Calibration Date/Time: 04/16/2025 09:43

Lab File ID: BP024304.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.198		-1.0	
Benzaldehyde	0.819	1.715		109.4	
Phenol-d6	1.656	1.594		-3.7	
Phenol	1.661	1.607		-3.3	20.0
bis(2-Chloroethyl)ether	1.339	1.282		-4.3	
2-Chlorophenol	1.350	1.300		-3.7	
2-Methylphenol	1.075	1.038		-3.4	
2,2-oxybis(1-Chloropropane)	1.447	1.403		-3.0	
Acetophenone	0.495	0.484		-2.2	
3+4-Methylphenols	1.491	1.442		-3.3	
n-Nitroso-di-n-propylamine	1.025	0.973	0.050	-5.1	
Nitrobenzene-d5	0.351	0.356		1.4	
Hexachloroethane	0.533	0.526		-1.3	
Nitrobenzene	0.347	0.347		0.0	
Isophorone	0.635	0.618		-2.7	
2-Nitrophenol	0.170	0.172		1.2	20.0
2,4-Dimethylphenol	0.213	0.213		0.0	
bis(2-Chloroethoxy)methane	0.429	0.425		-0.9	
2,4-Dichlorophenol	0.291	0.291		0.0	20.0
Naphthalene	1.054	1.027		-2.6	
4-Chloroaniline	0.371	0.369		-0.5	
Hexachlorobutadiene	0.183	0.183		0.0	20.0
Caprolactam	0.107	0.101		-5.6	
4-Chloro-3-methylphenol	0.339	0.333		-1.8	20.0
2-Methylnaphthalene	0.731	0.702		-4.0	
Hexachlorocyclopentadiene	0.195	0.203	0.050	4.1	
2,4,6-Trichlorophenol	0.366	0.369		0.8	20.0
2-Fluorobiphenyl	1.306	1.270		-2.8	
2,4,5-Trichlorophenol	0.405	0.403		-0.5	
1,1-Biphenyl	1.470	1.439		-2.1	
2-Chloronaphthalene	1.099	1.078		-1.9	
2-Nitroaniline	0.308	0.313		1.6	
Dimethylphthalate	1.454	1.383		-4.9	
Acenaphthylene	1.730	1.692		-2.2	
2,6-Dinitrotoluene	0.309	0.304		-1.6	
3-Nitroaniline	0.325	0.324		-0.3	
Acenaphthene	1.097	1.057		-3.6	20.0
2,4-Dinitrophenol	0.182	0.155	0.050	-14.8	
4-Nitrophenol	0.280	0.281	0.050	0.4	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: BNA_P Calibration Date/Time: 04/16/2025 09:43

Lab File ID: BP024304.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.793	1.710		-4.6	
2,4-Dinitrotoluene	0.421	0.419		-0.5	
Diethylphthalate	1.499	1.442		-3.8	
4-Chlorophenyl-phenylether	0.674	0.647		-4.0	
Fluorene	1.388	1.326		-4.5	
4-Nitroaniline	0.344	0.338		-1.7	
4,6-Dinitro-2-methylphenol	0.126	0.114		-9.5	
n-Nitrosodiphenylamine	0.597	0.581		-2.7	20.0
2,4,6-Tribromophenol	0.277	0.264		-4.7	
4-Bromophenyl-phenylether	0.219	0.215		-1.8	
Hexachlorobenzene	0.260	0.250		-3.8	
Atrazine	0.152	0.190		25.0	
Pentachlorophenol	0.181	0.181		0.0	20.0
Phenanthrene	1.091	1.044		-4.3	
Anthracene	1.052	1.032		-1.9	
Carbazole	1.027	0.996		-3.0	
Di-n-butylphthalate	1.280	1.304		1.9	
Fluoranthene	1.298	1.259		-3.0	20.0
Pyrene	1.271	1.244		-2.1	
Terphenyl-d14	0.992	0.967		-2.5	
Butylbenzylphthalate	0.544	0.569		4.6	
3,3-Dichlorobenzidine	0.436	0.435		-0.2	
Benzo(a)anthracene	1.243	1.212		-2.5	
Chrysene	1.191	1.164		-2.3	
Bis(2-ethylhexyl)phthalate	0.798	0.859		7.6	
Di-n-octyl phthalate	1.297	1.403		8.2	20.0
Benzo(b)fluoranthene	1.199	1.169		-2.5	
Benzo(k)fluoranthene	1.158	1.144		-1.2	
Benzo(a)pyrene	1.034	1.025		-0.9	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.376		-0.9	
Dibenzo(a,h)anthracene	1.152	1.144		-0.7	
Benzo(g,h,i)perylene	1.173	1.152		-1.8	
1,2,4,5-Tetrachlorobenzene	0.550	0.553		0.5	
1,4-Dioxane	0.512	0.514		0.4	20.0
2,3,4,6-Tetrachlorophenol	0.373	0.357		-4.3	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: BNA_P Calibration Date/Time: 04/17/2025 10:30

Lab File ID: BP024320.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.207		-0.2	
Benzaldehyde	0.819	0.990		20.9	
Phenol-d6	1.656	1.673		1.0	
Phenol	1.661	1.671		0.6	20.0
bis(2-Chloroethyl)ether	1.339	1.310		-2.2	
2-Chlorophenol	1.350	1.334		-1.2	
2-Methylphenol	1.075	1.109		3.2	
2,2-oxybis(1-Chloropropane)	1.447	1.450		0.2	
Acetophenone	0.495	0.486		-1.8	
3+4-Methylphenols	1.491	1.554		4.2	
n-Nitroso-di-n-propylamine	1.025	1.075	0.050	4.8	
Nitrobenzene-d5	0.351	0.352		0.3	
Hexachloroethane	0.533	0.525		-1.5	
Nitrobenzene	0.347	0.345		-0.6	
Isophorone	0.635	0.650		2.4	
2-Nitrophenol	0.170	0.182		7.1	20.0
2,4-Dimethylphenol	0.213	0.216		1.4	
bis(2-Chloroethoxy)methane	0.429	0.423		-1.4	
2,4-Dichlorophenol	0.291	0.297		2.1	20.0
Naphthalene	1.054	1.021		-3.1	
4-Chloroaniline	0.371	0.384		3.5	
Hexachlorobutadiene	0.183	0.182		-0.5	20.0
Caprolactam	0.107	0.112		4.7	
4-Chloro-3-methylphenol	0.339	0.359		5.9	20.0
2-Methylnaphthalene	0.731	0.732		0.1	
Hexachlorocyclopentadiene	0.195	0.198	0.050	1.5	
2,4,6-Trichlorophenol	0.366	0.370		1.1	20.0
2-Fluorobiphenyl	1.306	1.257		-3.8	
2,4,5-Trichlorophenol	0.405	0.410		1.2	
1,1-Biphenyl	1.470	1.426		-3.0	
2-Chloronaphthalene	1.099	1.062		-3.4	
2-Nitroaniline	0.308	0.323		4.9	
Dimethylphthalate	1.454	1.428		-1.8	
Acenaphthylene	1.730	1.702		-1.6	
2,6-Dinitrotoluene	0.309	0.315		1.9	
3-Nitroaniline	0.325	0.329		1.2	
Acenaphthene	1.097	1.062		-3.2	20.0
2,4-Dinitrophenol	0.182	0.185	0.050	1.6	
4-Nitrophenol	0.280	0.283	0.050	1.1	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: BNA_P Calibration Date/Time: 04/17/2025 10:30

Lab File ID: BP024320.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.793	1.735		-3.2	
2,4-Dinitrotoluene	0.421	0.436		3.6	
Diethylphthalate	1.499	1.463		-2.4	
4-Chlorophenyl-phenylether	0.674	0.662		-1.8	
Fluorene	1.388	1.357		-2.2	
4-Nitroaniline	0.344	0.346		0.6	
4,6-Dinitro-2-methylphenol	0.126	0.129		2.4	
n-Nitrosodiphenylamine	0.597	0.595		-0.3	20.0
2,4,6-Tribromophenol	0.277	0.282		1.8	
4-Bromophenyl-phenylether	0.219	0.223		1.8	
Hexachlorobenzene	0.260	0.264		1.5	
Atrazine	0.152	0.137		-9.9	
Pentachlorophenol	0.181	0.190		5.0	20.0
Phenanthrene	1.091	1.034		-5.2	
Anthracene	1.052	1.043		-0.9	
Carbazole	1.027	0.995		-3.1	
Di-n-butylphthalate	1.280	1.282		0.2	
Fluoranthene	1.298	1.230		-5.2	20.0
Pyrene	1.271	1.389		9.3	
Terphenyl-d14	0.992	1.068		7.7	
Butylbenzylphthalate	0.544	0.577		6.1	
3,3-Dichlorobenzidine	0.436	0.416		-4.6	
Benzo(a)anthracene	1.243	1.222		-1.7	
Chrysene	1.191	1.150		-3.4	
Bis(2-ethylhexyl)phthalate	0.798	0.738		-7.5	
Di-n-octyl phthalate	1.297	1.105		-14.8	20.0
Benzo(b)fluoranthene	1.199	1.261		5.1	
Benzo(k)fluoranthene	1.158	1.184		2.2	
Benzo(a)pyrene	1.034	1.050		1.5	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.298		-6.5	
Dibenzo(a,h)anthracene	1.152	1.077		-6.5	
Benzo(g,h,i)perylene	1.173	1.101		-6.1	
1,2,4,5-Tetrachlorobenzene	0.550	0.532		-3.3	
1,4-Dioxane	0.512	0.500		-2.3	20.0
2,3,4,6-Tetrachlorophenol	0.373	0.370		-0.8	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 17 01:14:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW5

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	312256	20.000	ng		0.00
21) Naphthalene-d8	10.505	136	1204770	20.000	ng		0.00
39) Acenaphthene-d10	14.357	164	686283	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1252822	20.000	ng		-0.02
76) Chrysene-d12	21.604	240	1383650	20.000	ng		-0.02
86) Perylene-d12	24.963	264	1663367	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1015710	53.784	ng		0.00
7) Phenol-d6	6.911	99	774027	29.933	ng		0.00
23) Nitrobenzene-d5	8.875	82	1695583	80.251	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	1130619	119.074	ng		-0.02
45) 2-Fluorobiphenyl	12.975	172	3679780	82.097	ng		0.00
79) Terphenyl-d14	19.886	244	5438798	79.230	ng		-0.04
Target Compounds							Qvalue
35) Caprolactam	11.446	113	128763m	19.928	ng		
37) 2-Methylnaphthalene	12.163	142	2569461	58.380	ng		98
38) 1-Methylnaphthalene	12.387	142	2435278	56.560	ng		100
52) Acenaphthene	14.422	154	117841	3.131	ng		96
58) Fluorene	15.422	166	271424	5.700	ng	#	98
71) Phenanthrene	17.198	178	384708	5.629	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 17 01:14:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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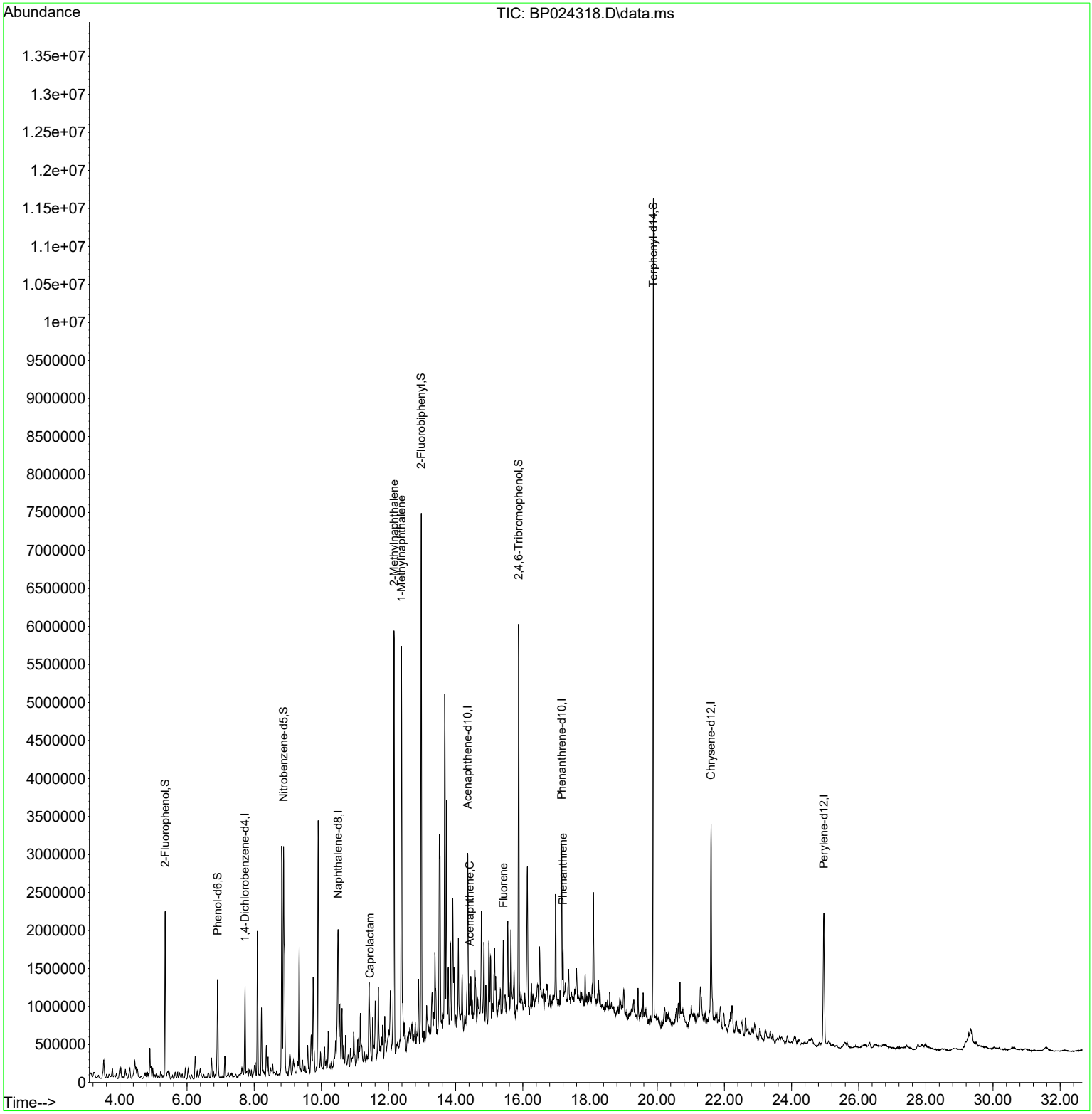
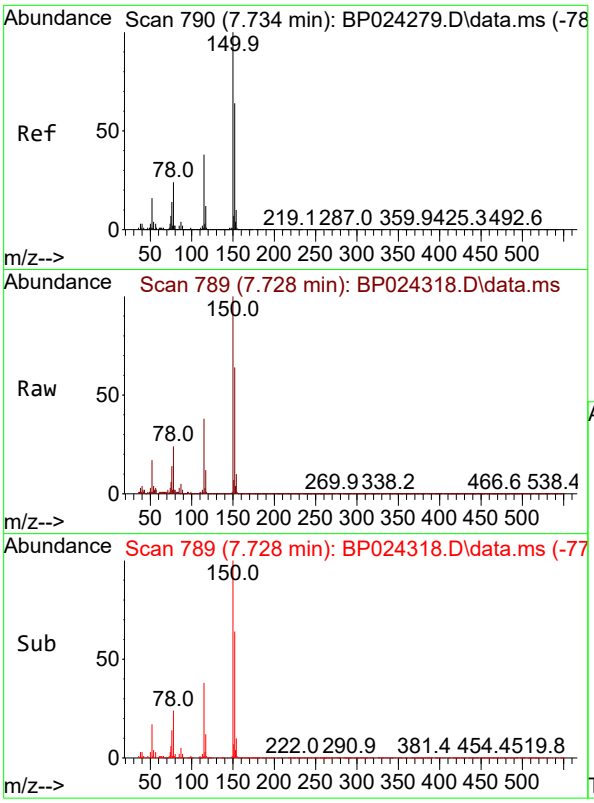
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

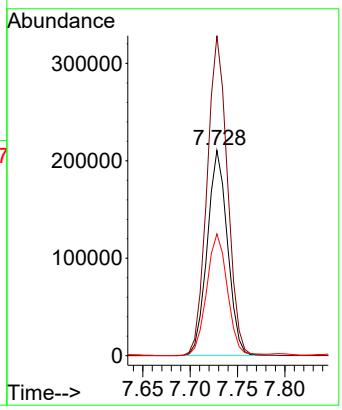




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

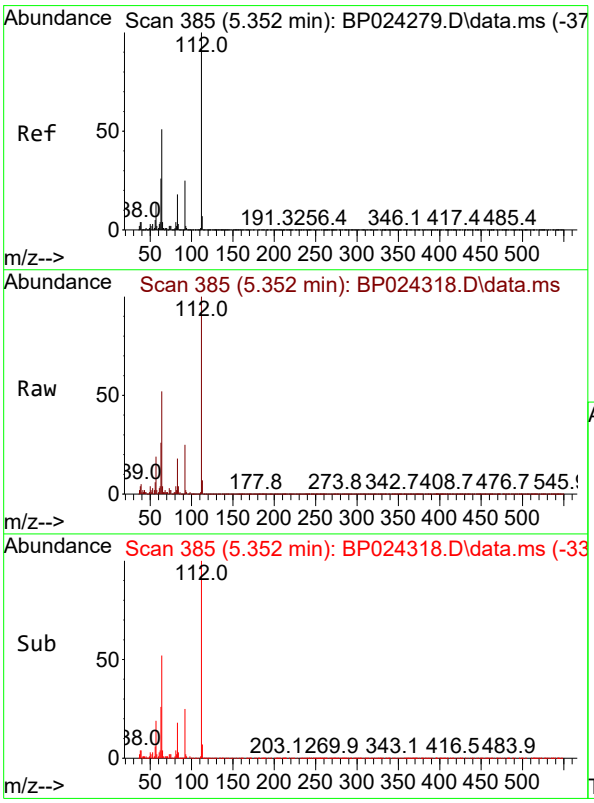
Tgt Ion:152 Resp: 31225

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.9	187.3
115	59.3	47.7	71.5



Instrument :
BNA_P
ClientSampleId :
MW5

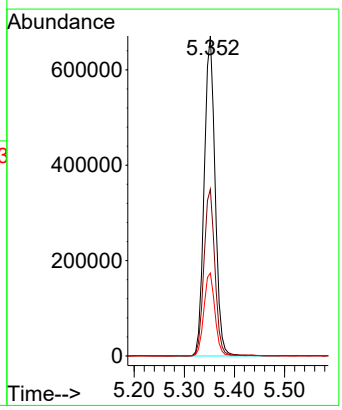
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

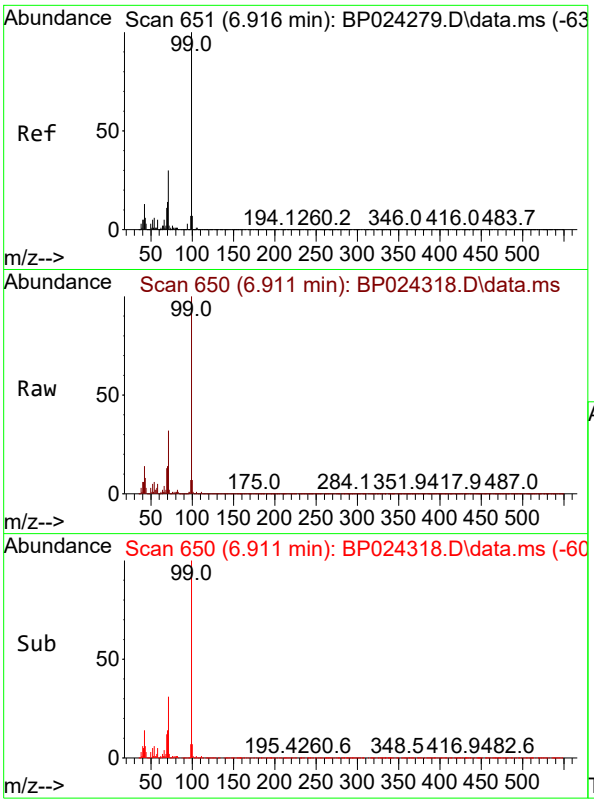


#5
2-Fluorophenol
Concen: 53.784 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:112 Resp: 1015710

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.1	61.7
63	25.9	20.6	30.8

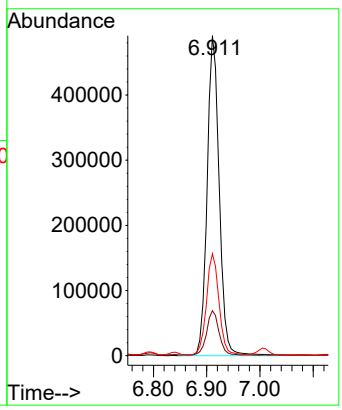




#7
Phenol-d6
Concen: 29.933 ng
RT: 6.911 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion: 99 Resp: 77402

Ion	Ratio	Lower	Upper
99	100		
42	14.1	10.6	16.0
71	31.8	23.7	35.5



Instrument :
BNA_P
ClientSampleId :
MW5

Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 04/17/2025
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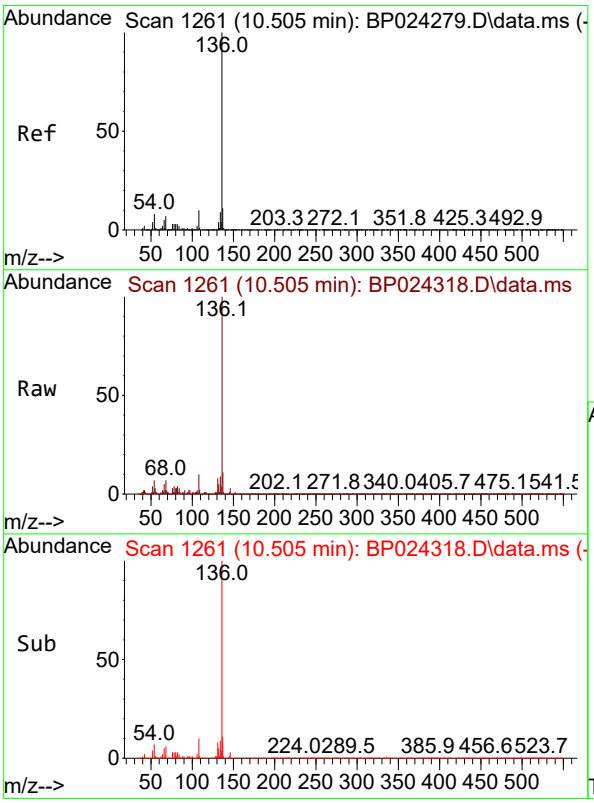
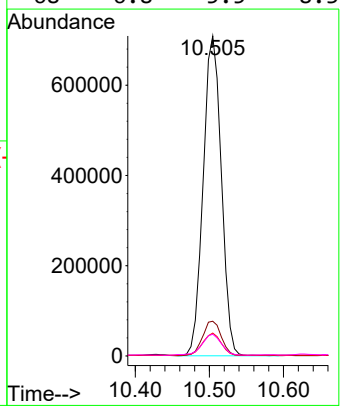
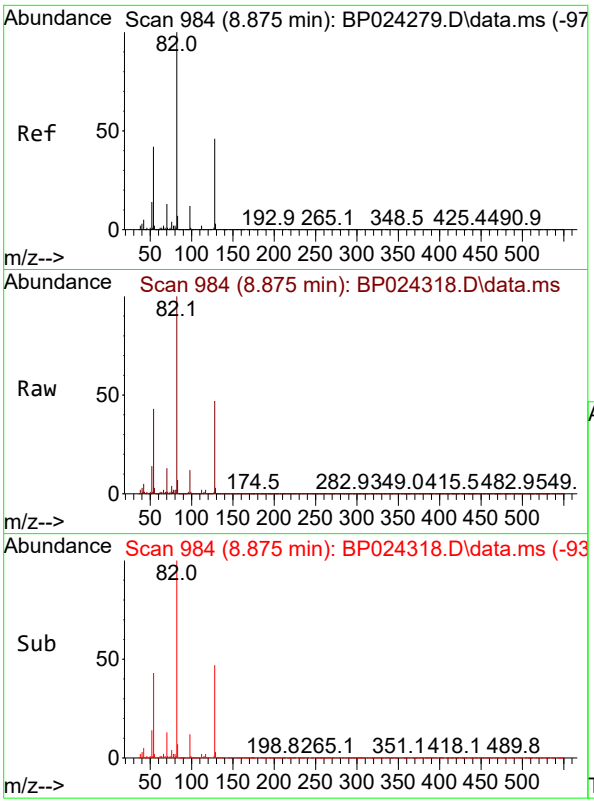


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:136 Resp: 1204770

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.1	6.0	9.0
68	6.8	5.5	8.3

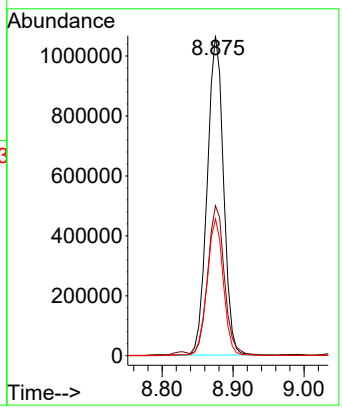




#23
Nitrobenzene-d5
Concen: 80.251 ng
RT: 8.875 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion: 82 Resp: 169558

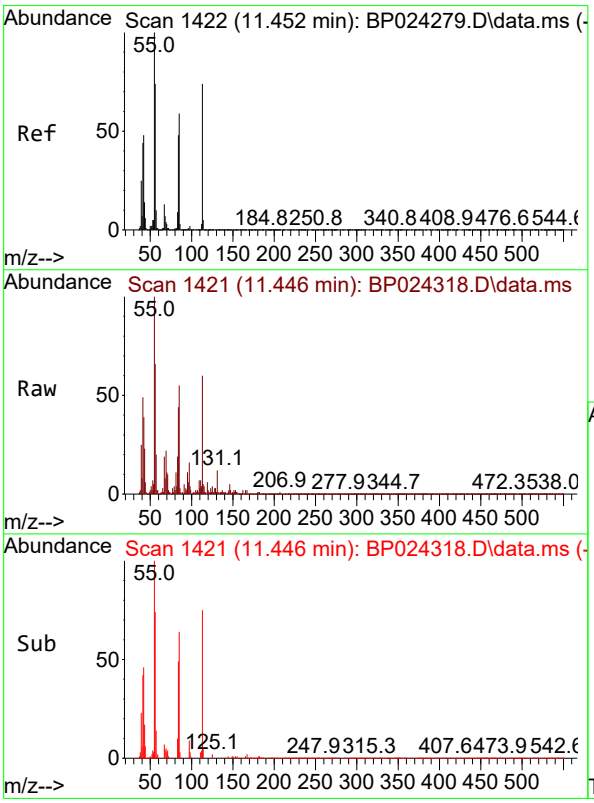
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.5	54.7
54	42.7	33.4	50.2



Instrument :
BNA_P
ClientSampleId :
MW5

Manual Integrations
APPROVED

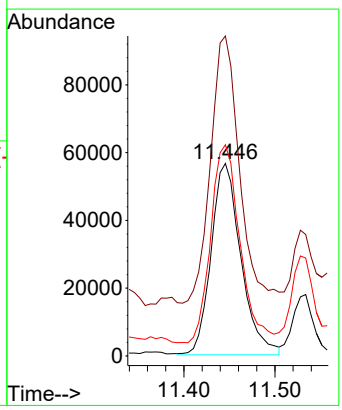
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

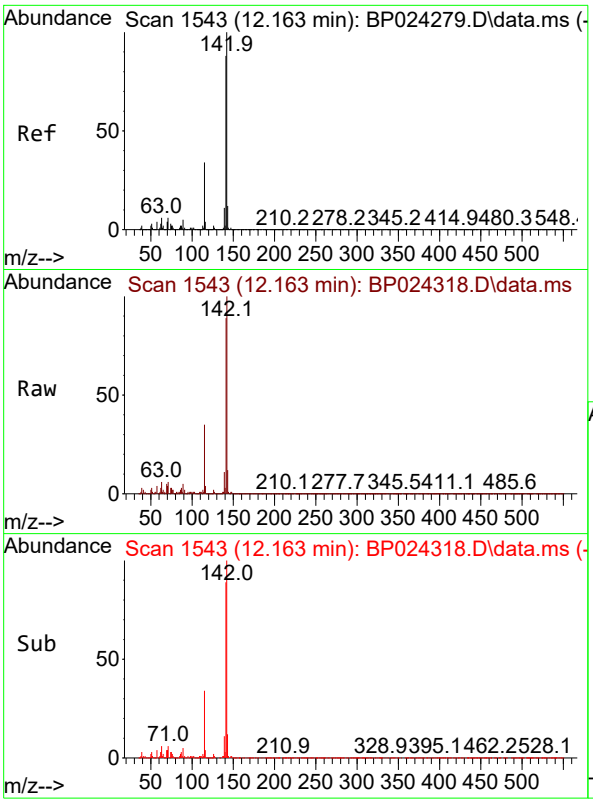


#35
Caprolactam
Concen: 19.928 ng m
RT: 11.446 min Scan# 1421
Delta R.T. -0.035 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:113 Resp: 128763

Ion	Ratio	Lower	Upper
113	100		
55	166.2	115.9	155.9#
56	109.7	81.1	121.1

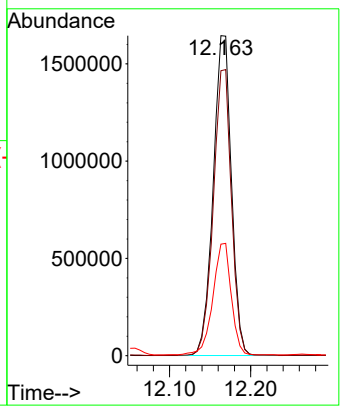




#37
2-Methylnaphthalene
Concen: 58.380 ng
RT: 12.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:142 Resp: 256946

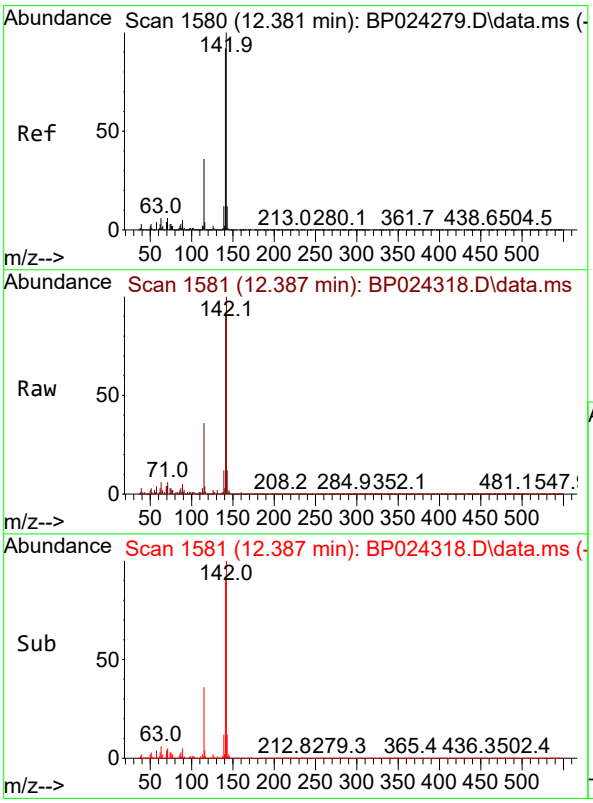
Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	34.9	26.9	40.3



Instrument :
BNA_P
ClientSampleId :
MW5

Manual Integrations APPROVED

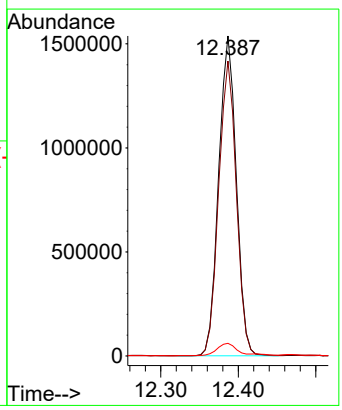
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

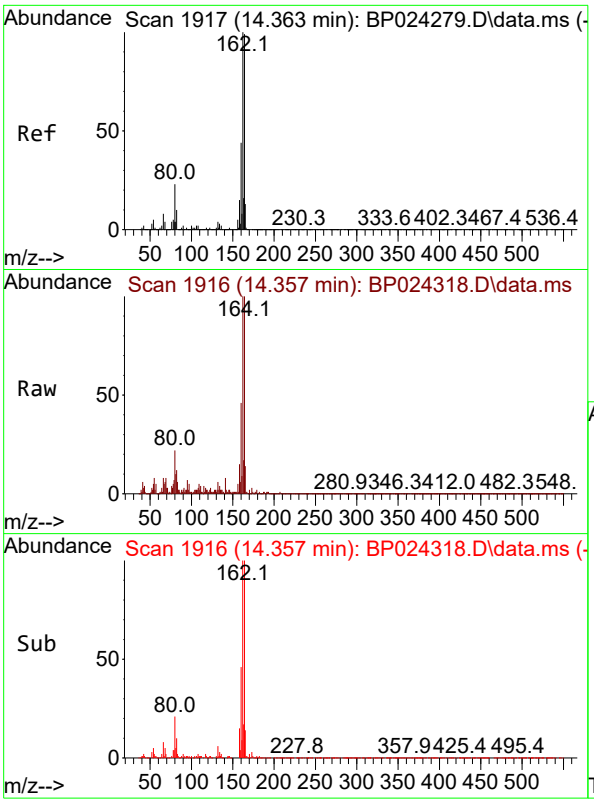


#38
1-Methylnaphthalene
Concen: 56.560 ng
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:142 Resp: 2435278

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.6	110.4
116	4.0	3.0	4.6

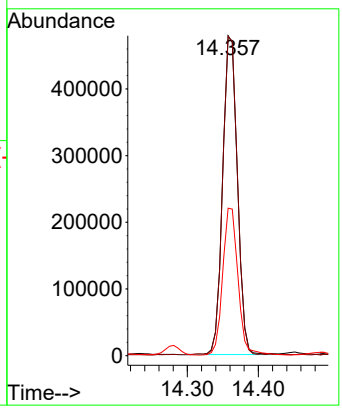




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

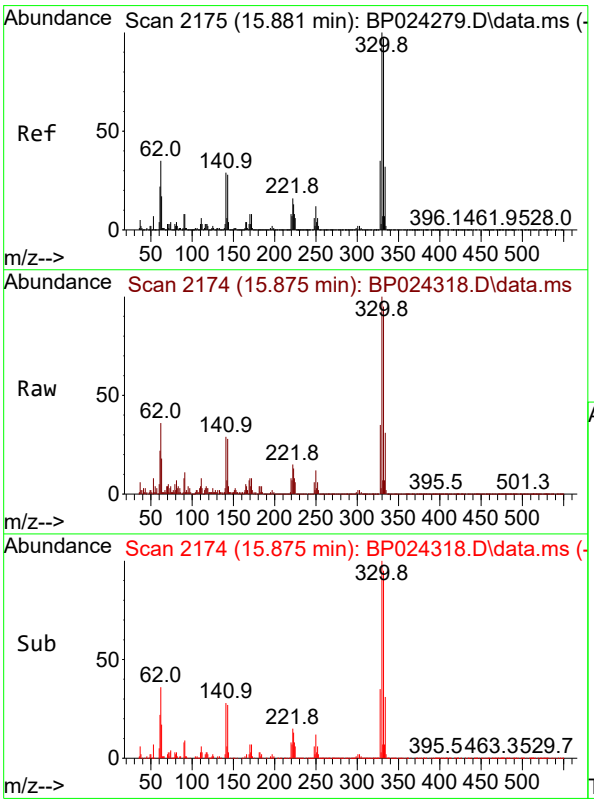
Tgt Ion:164 Resp: 68628

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	120.8
160	46.1	35.3	52.9



Instrument :
BNA_P
ClientSampleId :
MW5

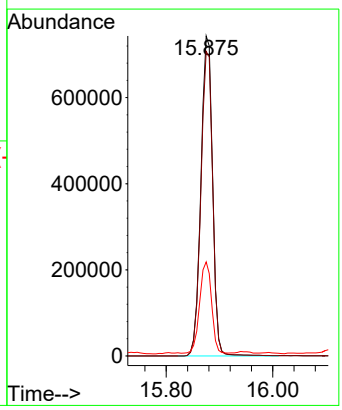
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

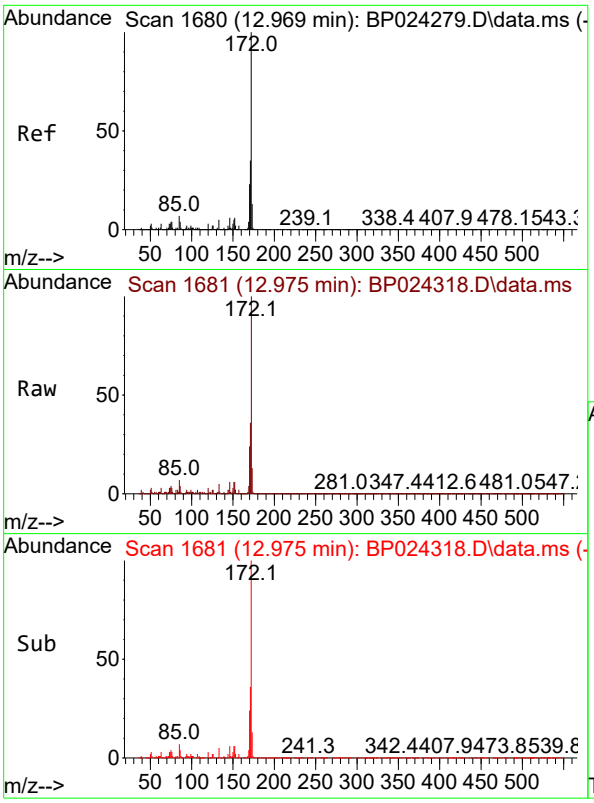


#42
2,4,6-Tribromophenol
Concen: 119.074 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:330 Resp: 1130619

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	28.7	24.7	37.1

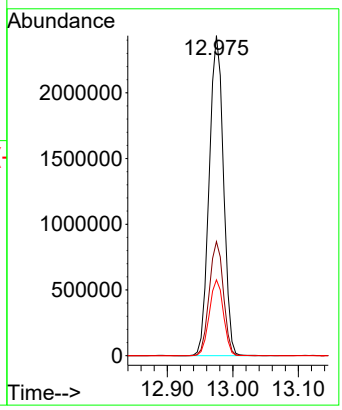




#45
2-Fluorobiphenyl
Concen: 82.097 ng
RT: 12.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:172 Resp: 367978

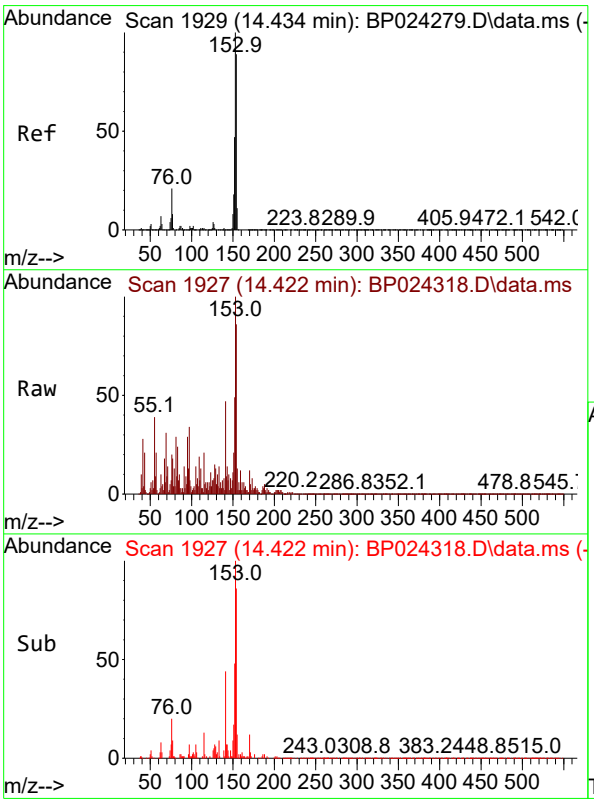
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.7	18.6	27.8



Instrument :
BNA_P
ClientSampleId :
MW5

Manual Integrations APPROVED

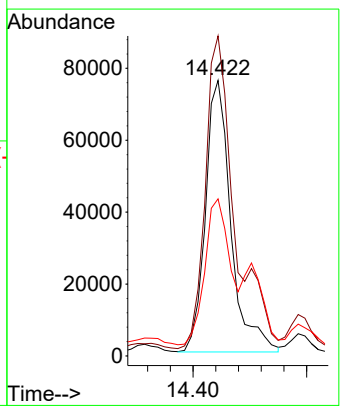
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

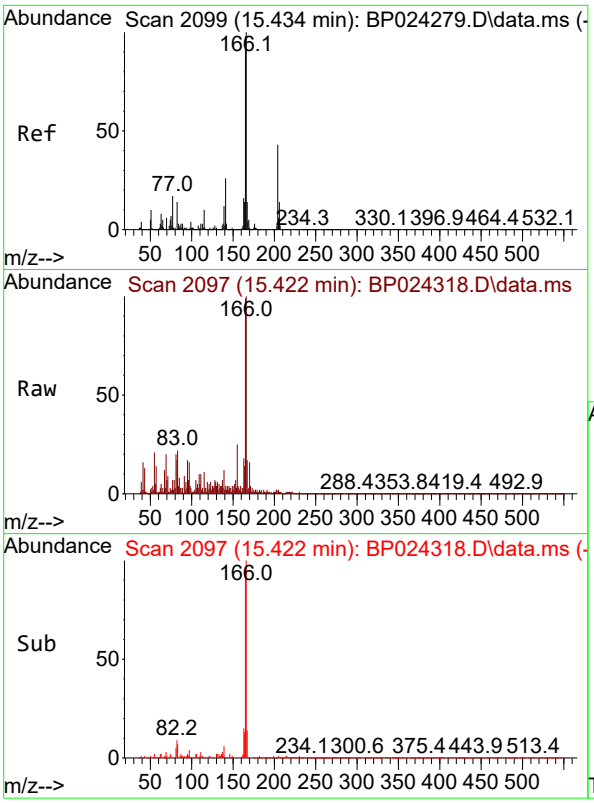


#52
Acenaphthene
Concen: 3.131 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:154 Resp: 117841

Ion	Ratio	Lower	Upper
154	100		
153	116.1	89.8	134.6
152	57.0	42.6	63.8

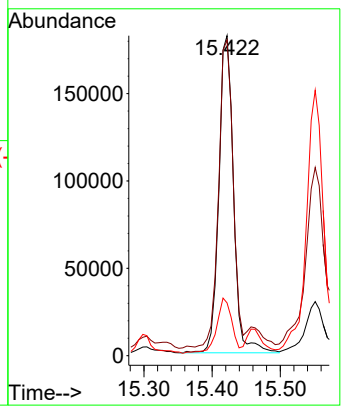




#58
Fluorene
Concen: 5.700 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

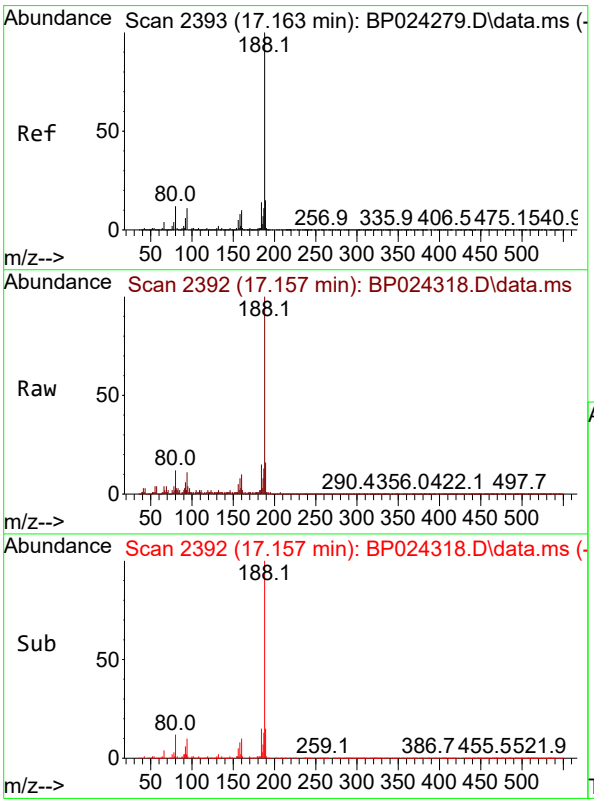
Tgt Ion:166 Resp: 27142

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.1	117.1
167	16.5	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
MW5

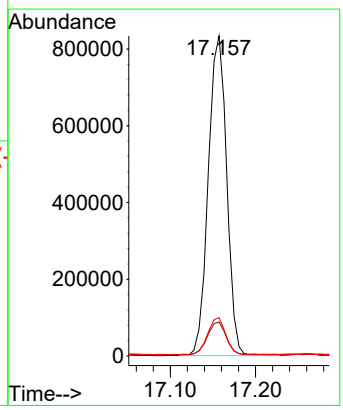
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

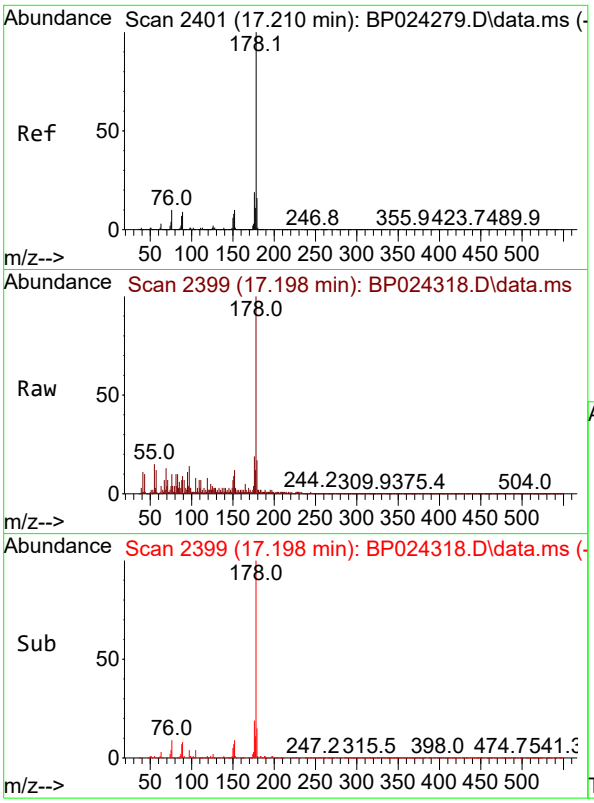


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. -0.023 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:188 Resp: 1252822

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.6	13.0
80	12.0	9.8	14.6

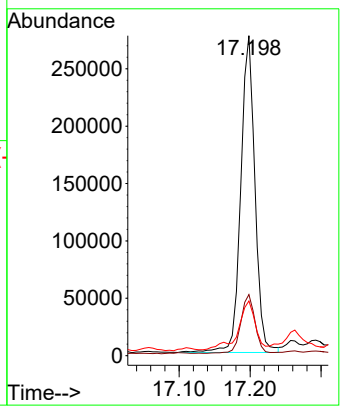




#71
Phenanthrene
Concen: 5.629 ng
RT: 17.198 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:178 Resp: 38470

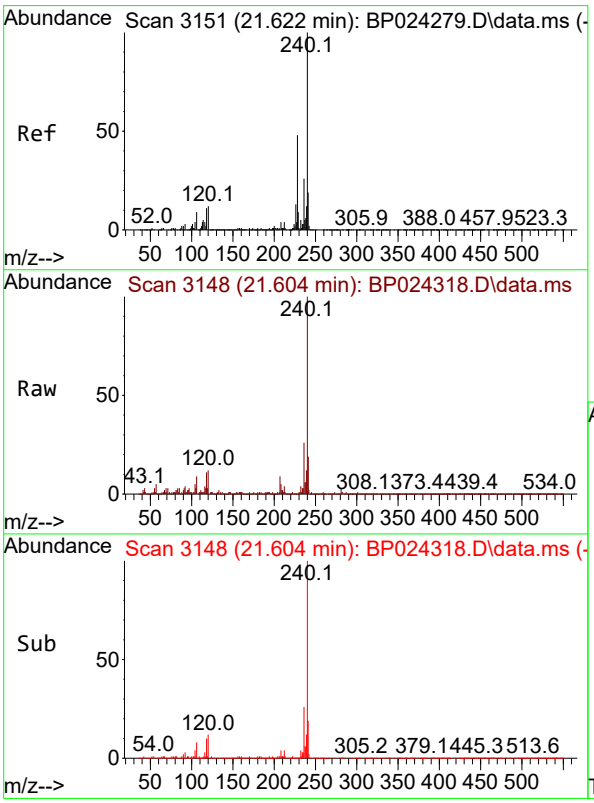
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	17.1	12.5	18.7



Instrument :
BNA_P
ClientSampleId :
MW5

Manual Integrations
APPROVED

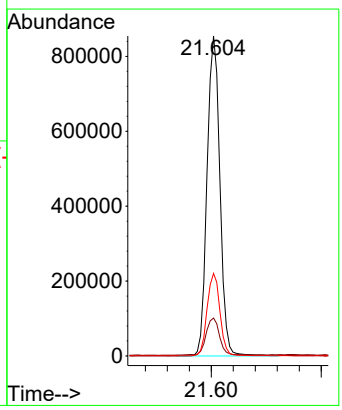
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

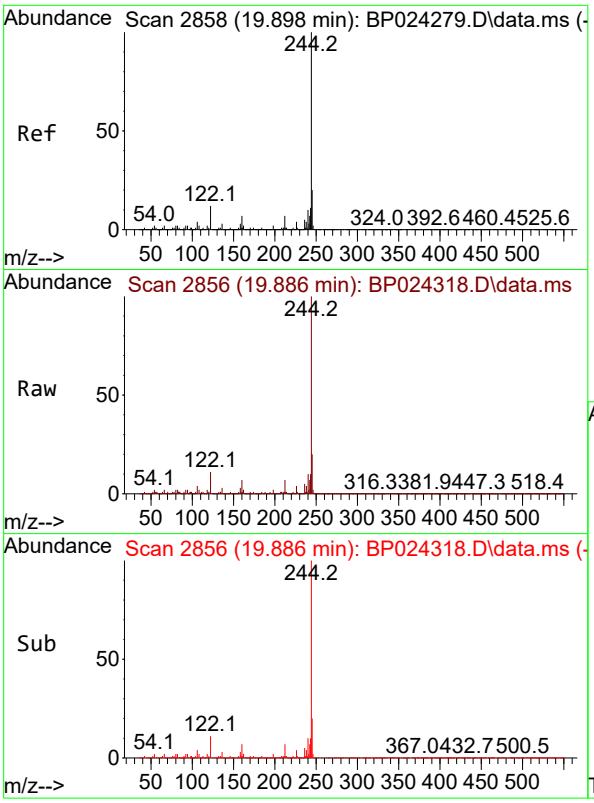


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:240 Resp: 1383650

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.8	14.8
236	25.8	20.9	31.3

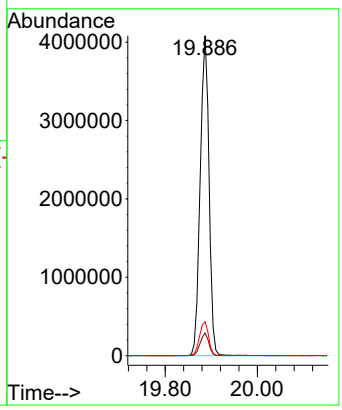




#79
Terphenyl-d14
Concen: 79.230 ng
RT: 19.886 min Scan# 2
Delta R.T. -0.035 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:244 Resp: 543879

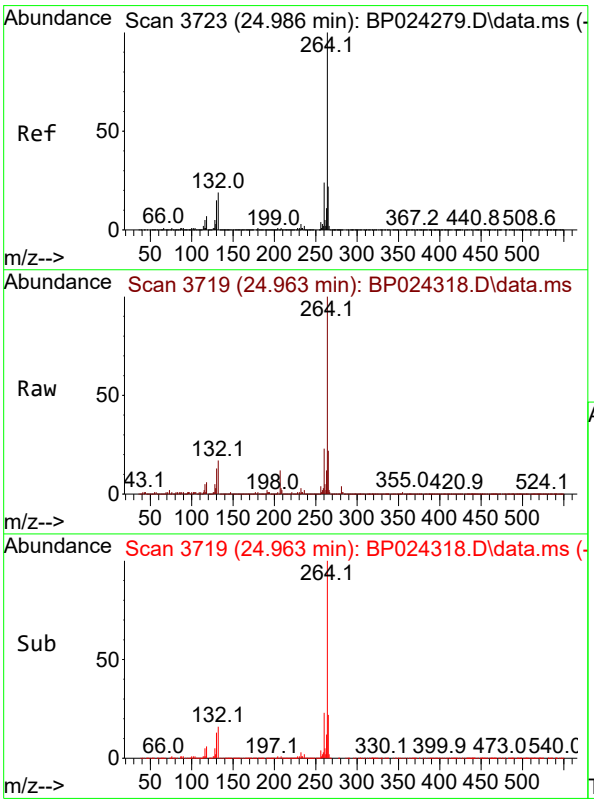
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.6	9.4	14.0



Instrument :
BNA_P
ClientSampleId :
MW5

Manual Integrations
APPROVED

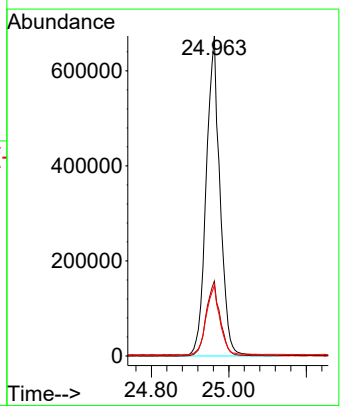
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.963 min Scan# 3719
Delta R.T. -0.023 min
Lab File: BP024318.D
Acq: 16 Apr 2025 19:18

Tgt Ion:264 Resp: 1663367

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.1	17.8	26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024318.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.523	63	74	83	rBV2	239452	612442	4.30%	0.310%
2	4.164	176	183	188	rBV3	116278	253970	1.78%	0.128%
3	4.299	195	206	213	rBV4	139163	363636	2.55%	0.184%
4	4.446	215	231	234	rBV2	229667	642534	4.51%	0.325%
5	4.893	303	307	311	rBV	352433	518893	3.64%	0.263%
6	5.352	377	385	391	rBV	2182954	3264099	22.91%	1.651%
7	6.034	494	501	513	rBV5	135593	350920	2.46%	0.178%
8	6.246	530	537	544	rBV2	307377	669764	4.70%	0.339%
9	6.393	552	562	565	rBV5	114612	253237	1.78%	0.128%
10	6.728	612	619	625	rBV2	266397	493481	3.46%	0.250%
11	6.911	641	650	661	rVB	1292208	2369975	16.63%	1.199%
12	7.128	681	687	694	rBV	288872	473399	3.32%	0.240%
13	7.728	781	789	794	rVV	1171291	1918240	13.46%	0.971%
14	8.099	845	852	860	rBV	1900502	2930476	20.57%	1.483%
15	8.216	866	872	877	rBV	892952	1360486	9.55%	0.688%
16	8.363	892	897	902	rBV2	410193	719257	5.05%	0.364%
17	8.416	902	906	911	rVB	246471	380883	2.67%	0.193%
18	8.822	965	975	980	rBV	3029148	4927070	34.58%	2.493%
19	8.875	980	984	998	rVB3	2996680	7294415	51.19%	3.691%
20	9.063	1007	1016	1024	rBV9	289026	911671	6.40%	0.461%
21	9.169	1025	1034	1037	rBV	193169	416145	2.92%	0.211%
22	9.293	1049	1055	1058	rBV3	150871	280485	1.97%	0.142%
23	9.340	1058	1063	1069	rVV	1650810	2523908	17.71%	1.277%
24	9.434	1073	1079	1085	rBV6	154802	302711	2.12%	0.153%
25	9.593	1099	1106	1111	rBV3	354080	611490	4.29%	0.309%
26	9.699	1117	1124	1129	rBV3	505183	1134210	7.96%	0.574%
27	9.758	1129	1134	1144	rVB	1249825	2421256	16.99%	1.225%
28	9.905	1153	1159	1167	rBV3	3264925	5537679	38.86%	2.802%
29	9.975	1167	1171	1180	rVV	217266	367221	2.58%	0.186%
30	10.093	1184	1191	1195	rVV2	293545	561021	3.94%	0.284%
31	10.205	1205	1210	1220	rVV	504018	860449	6.04%	0.435%
32	10.422	1243	1247	1250	rVV3	335941	559758	3.93%	0.283%
33	10.499	1250	1260	1265	rVV2	1791279	4860050	34.11%	2.459%
34	10.552	1265	1269	1275	rVV3	793139	1487584	10.44%	0.753%
35	10.616	1275	1280	1285	rVV	738469	1252668	8.79%	0.634%
36	10.669	1285	1289	1293	rVV	246235	359223	2.52%	0.182%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.722	1293	1298	1303	rVB	388594	586112	4.11%	0.297%
38	10.799	1307	1311	1316	rVB3	155397	313907	2.20%	0.159%
39	10.869	1318	1323	1327	rBV2	243754	419461	2.94%	0.212%
40	10.963	1335	1339	1349	rVB2	440072	931207	6.54%	0.471%
41	11.087	1355	1360	1363	rBV	273143	380795	2.67%	0.193%
42	11.163	1369	1373	1377	rVV	509545	668492	4.69%	0.338%
43	11.422	1411	1417	1431	rVB2	1033875	2602419	18.26%	1.317%
44	11.534	1431	1436	1440	rBV	582357	1011425	7.10%	0.512%
45	11.604	1444	1448	1455	rVB	755085	1419695	9.96%	0.718%
46	11.699	1455	1464	1472	rBV2	940337	1917506	13.46%	0.970%
47	11.793	1477	1480	1483	rVV2	208359	306761	2.15%	0.155%
48	11.828	1483	1486	1491	rVB	433827	588086	4.13%	0.298%
49	11.887	1491	1496	1505	rBV2	549061	1200827	8.43%	0.608%
50	12.057	1520	1525	1530	rVB2	756390	1307944	9.18%	0.662%
51	12.163	1533	1543	1551	rVB	5565655	9794752	68.74%	4.956%
52	12.387	1575	1581	1586	rBV	5179862	8502363	59.67%	4.302%
53	12.463	1592	1594	1598	rVB2	220501	255460	1.79%	0.129%
54	12.563	1606	1611	1614	rBV7	179851	350540	2.46%	0.177%
55	12.893	1663	1667	1672	rVB2	847212	1277404	8.97%	0.646%
56	12.975	1672	1681	1686	rBV	6975773	10863798	76.25%	5.496%
57	13.134	1705	1708	1717	rBV3	420355	910967	6.39%	0.461%
58	13.298	1730	1736	1741	rBV3	510574	1144905	8.04%	0.579%
59	13.381	1747	1750	1753	rBV	871065	1184018	8.31%	0.599%
60	13.516	1767	1773	1774	rBV	2492722	3451873	24.23%	1.746%
61	13.675	1794	1800	1805	rVV	4391824	7787588	54.66%	3.940%
62	13.728	1805	1809	1814	rVV	2988234	4331218	30.40%	2.191%
63	13.781	1814	1818	1822	rVV	783587	1149023	8.06%	0.581%
64	13.851	1825	1830	1834	rVV2	1090229	1748034	12.27%	0.884%
65	13.916	1836	1841	1844	rVV	1676523	2757814	19.36%	1.395%
66	13.946	1844	1846	1852	rVB	774324	1018838	7.15%	0.515%
67	14.081	1864	1869	1879	rVB	1087114	1616717	11.35%	0.818%
68	14.193	1884	1888	1895	rVB3	741972	1296087	9.10%	0.656%
69	14.357	1909	1916	1922	rVB	2126207	3487453	24.48%	1.764%
70	14.416	1923	1926	1929	rVV2	395018	498606	3.50%	0.252%
71	14.451	1929	1932	1937	rVB2	507759	615046	4.32%	0.311%
72	14.493	1937	1939	1943	rVB	251541	276554	1.94%	0.140%
73	14.569	1947	1952	1962	rVB	683397	2009568	14.10%	1.017%
74	14.657	1964	1967	1972	rBV2	243640	439293	3.08%	0.222%
75	14.769	1980	1986	1991	rVB3	1335778	2159366	15.16%	1.093%
76	14.840	1994	1998	2004	rVB2	1030230	1635412	11.48%	0.827%

Sample Results: **BP024318.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.898	2004	2008	2016	rVB4	514588	892659	6.26%	0.452%
78	14.987	2018	2023	2028	rBV	1014979	1857528	13.04%	0.940%
79	15.040	2028	2032	2037	rVB	814374	1295870	9.09%	0.656%
80	15.157	2046	2052	2055	rBV2	777170	1382551	9.70%	0.699%
81	15.416	2092	2096	2101	rBV2	924479	1264656	8.88%	0.640%
82	15.551	2114	2119	2123	rBV	1056216	1572903	11.04%	0.796%
83	15.587	2123	2125	2129	rVB3	370455	488702	3.43%	0.247%
84	15.645	2130	2135	2144	rBV3	1034854	2014265	14.14%	1.019%
85	15.875	2168	2174	2181	rBV	5045635	7917066	55.56%	4.006%
86	16.134	2210	2218	2223	rBV2	1843214	3663844	25.71%	1.854%
87	16.498	2276	2280	2291	rBV3	750436	1646223	11.55%	0.833%
88	16.975	2357	2361	2371	rVB2	1445092	2224051	15.61%	1.125%
89	17.157	2387	2392	2396	rBV2	2115984	3335602	23.41%	1.688%
90	17.198	2396	2399	2402	rVB	630195	777920	5.46%	0.394%
91	17.857	2507	2511	2516	rVB2	373965	494906	3.47%	0.250%
92	18.098	2548	2552	2559	rVB2	1383053	2081877	14.61%	1.053%
93	19.428	2775	2778	2785	rBV2	415923	570425	4.00%	0.289%
94	19.581	2801	2804	2808	rVB2	312042	379775	2.67%	0.192%
95	19.886	2850	2856	2861	rBV	10769716	14248537	100.00%	7.209%
96	20.628	2978	2982	2987	rBV3	237396	381819	2.68%	0.193%
97	20.680	2988	2991	2994	rVV	426208	445620	3.13%	0.225%
98	21.286	3090	3094	3104	rVB5	378910	1035643	7.27%	0.524%
99	21.604	3142	3148	3159	rVB2	2576461	5017713	35.22%	2.539%
100	24.963	3711	3719	3733	rVB	1723108	4199763	29.48%	2.125%

Sum of corrected areas: 197651958

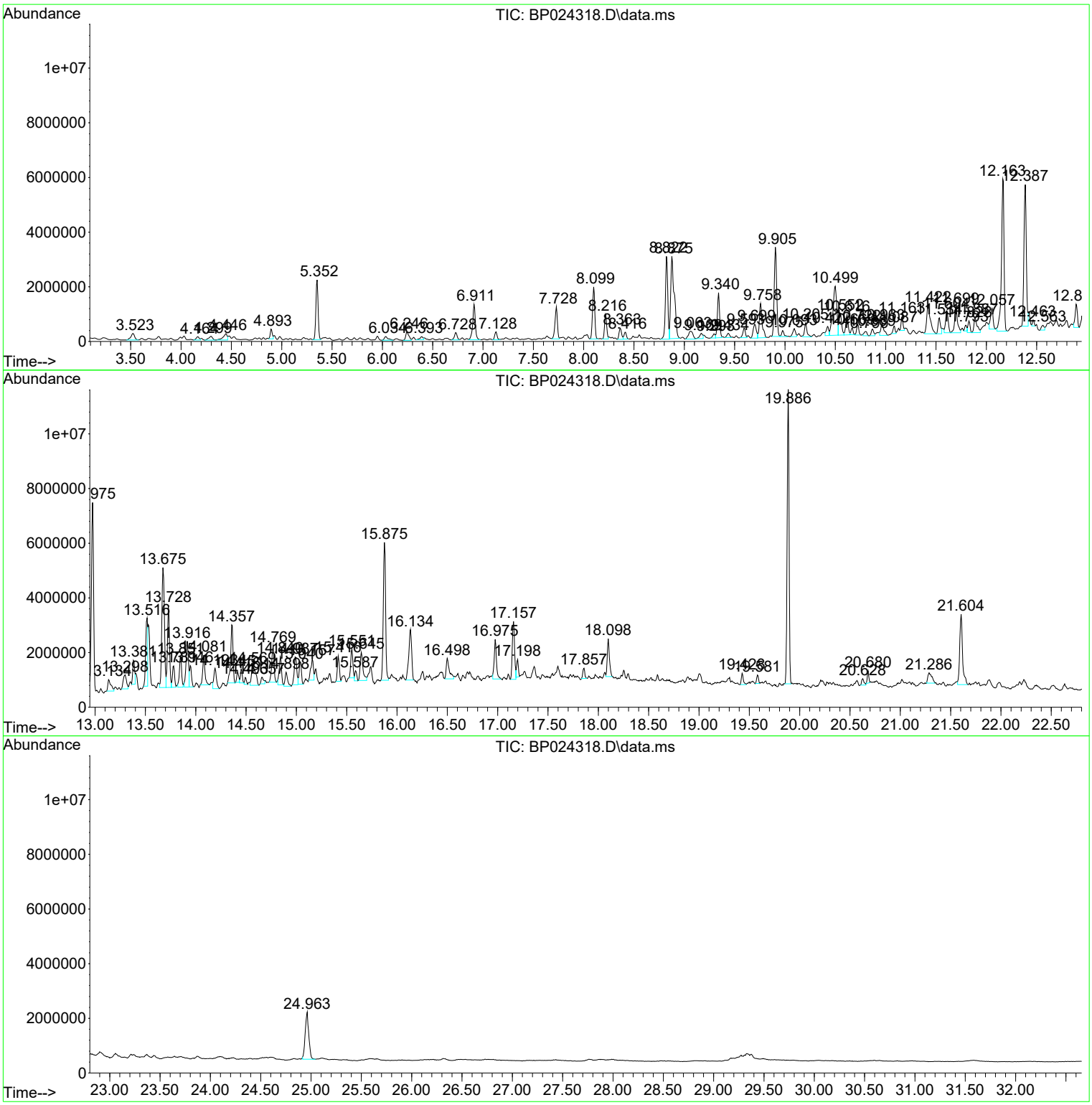
Sample Results: **BP024318.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024318.D
Acq On : 16 Apr 2025 19:18
Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

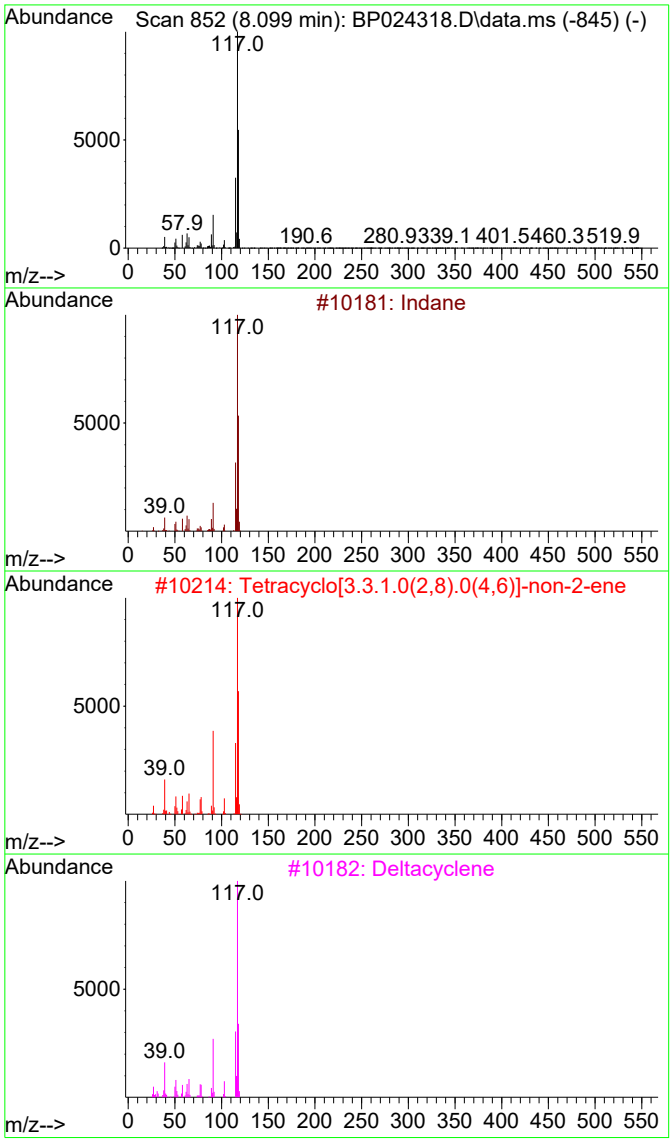
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

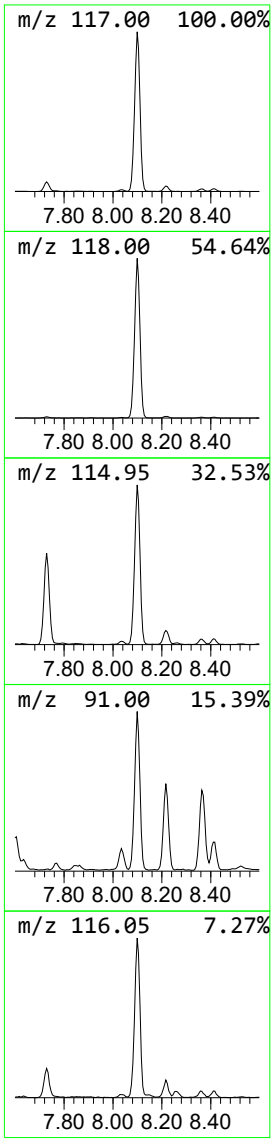
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.099	30.55 ng	2930480	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
3	Deltacyclene	118	C9H10	007785-10-6	59
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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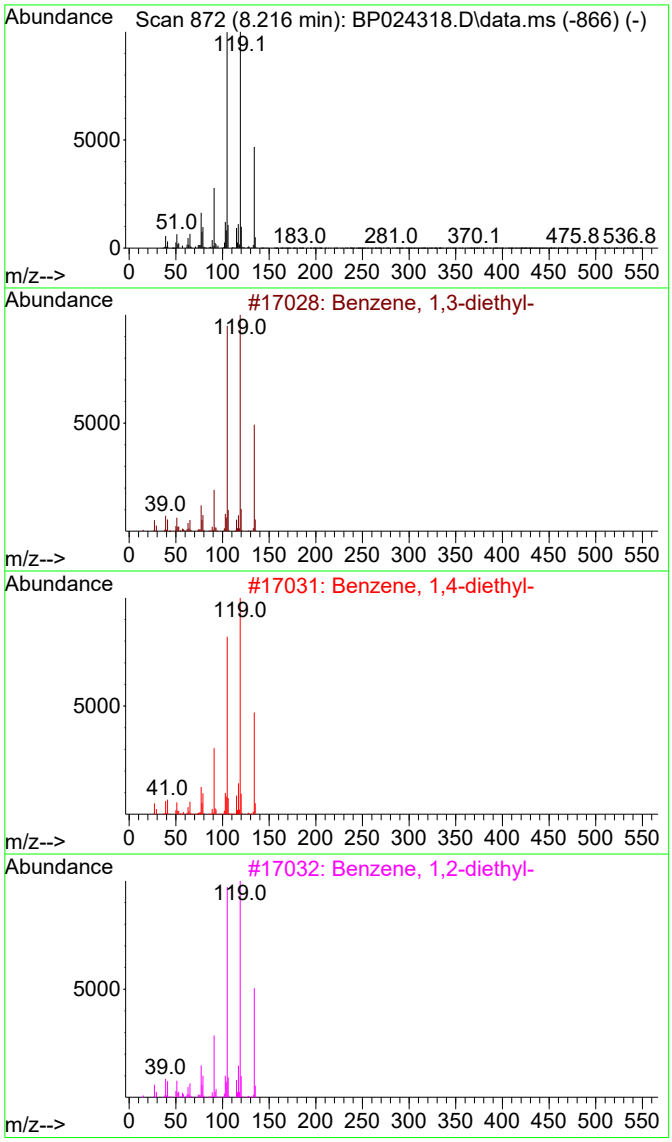
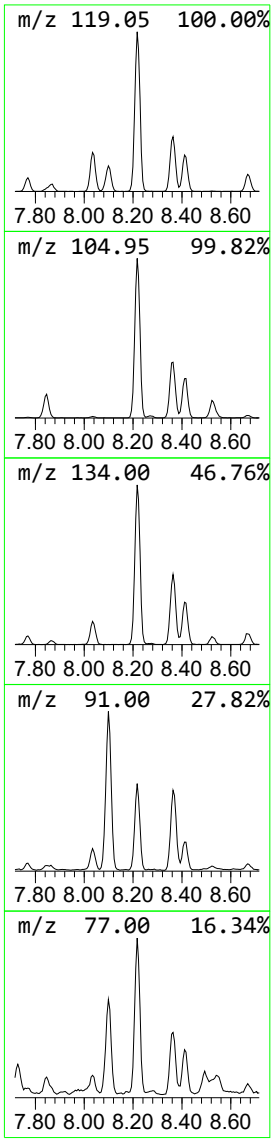
Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.216	14.18 ng	1360490	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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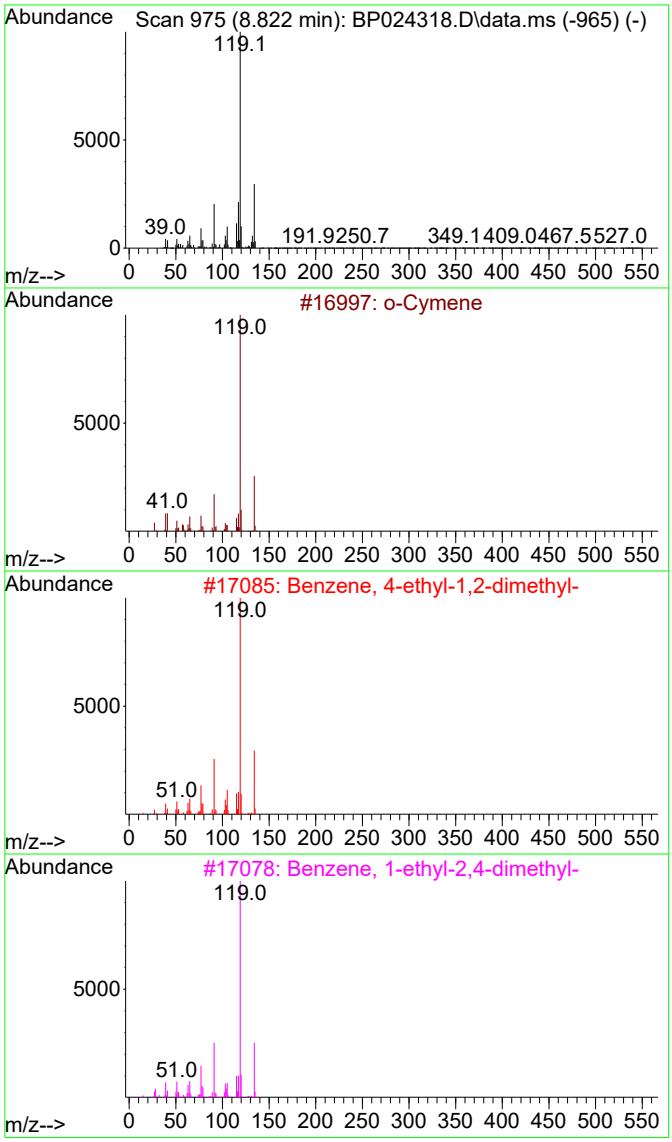
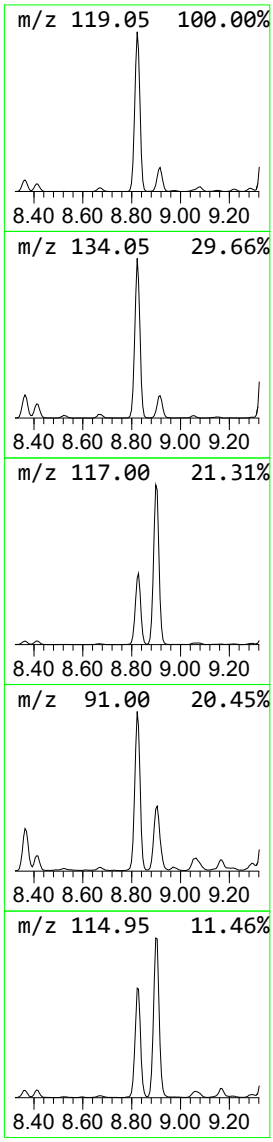
Peak Number 3 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	51.37 ng	4927070	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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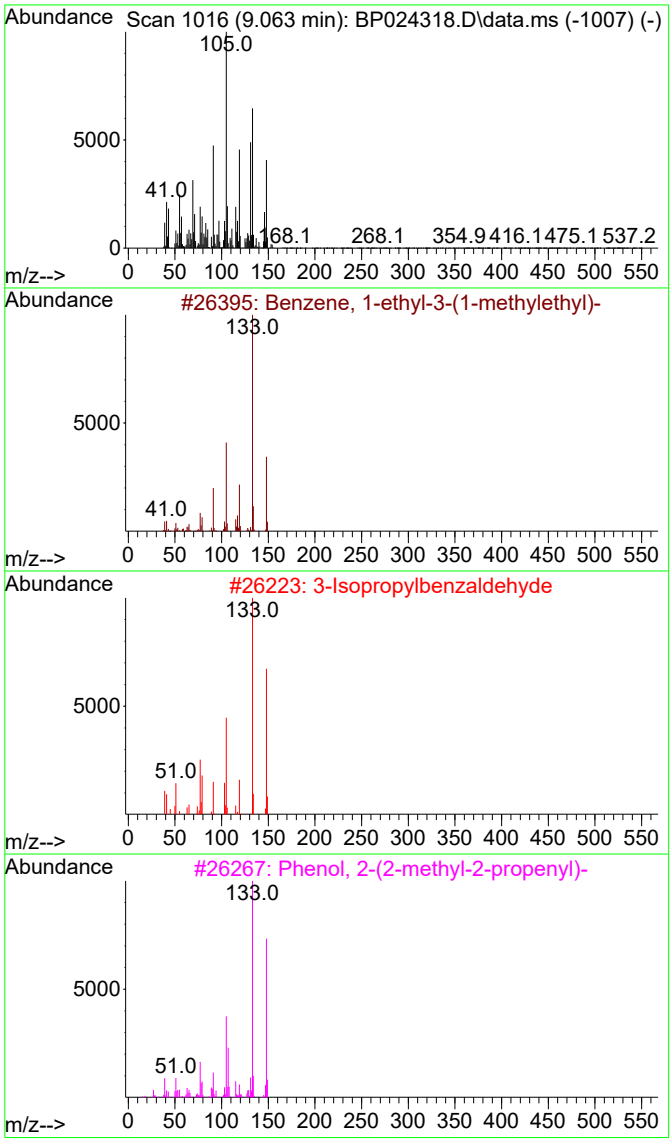
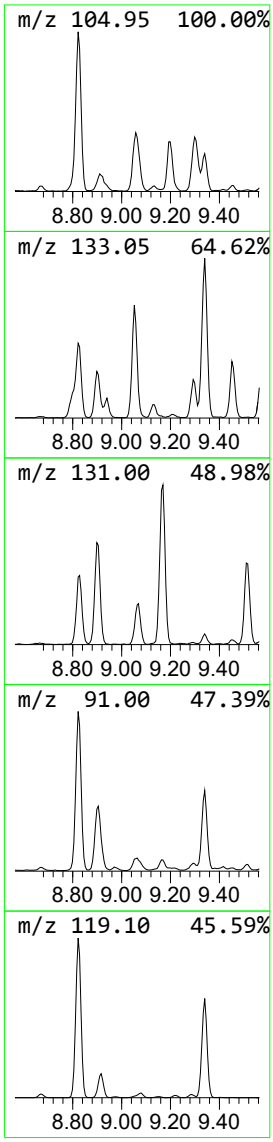
Peak Number 4 unknown9.063 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	9.51 ng	911671	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
2	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	46
3	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	45
4	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	41
5	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	38





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

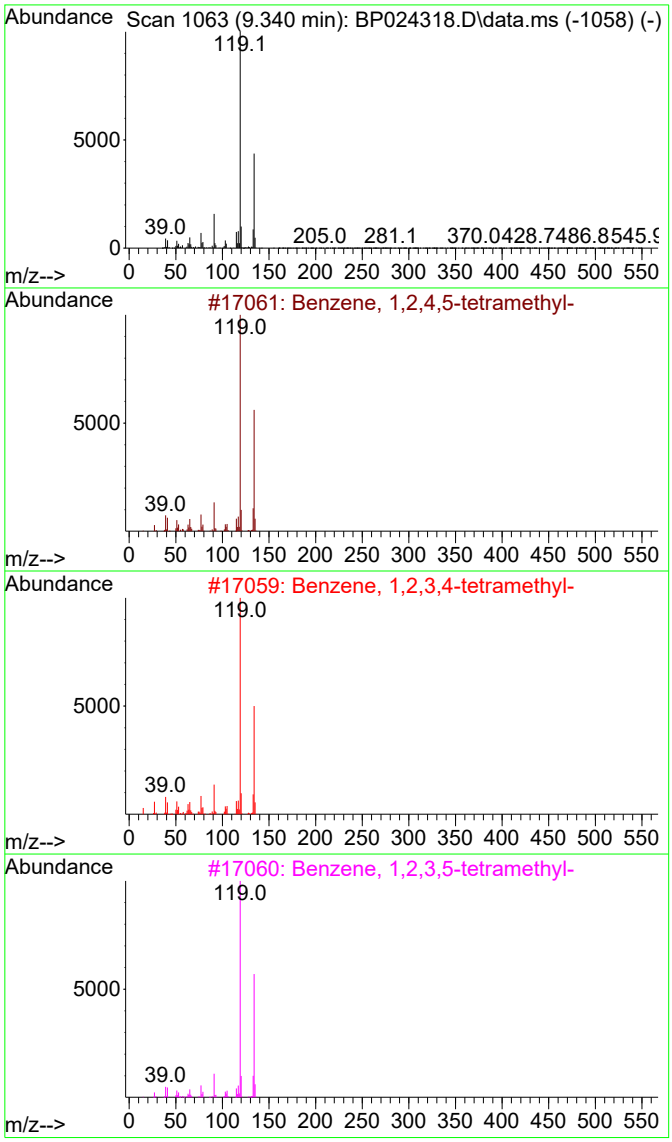
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

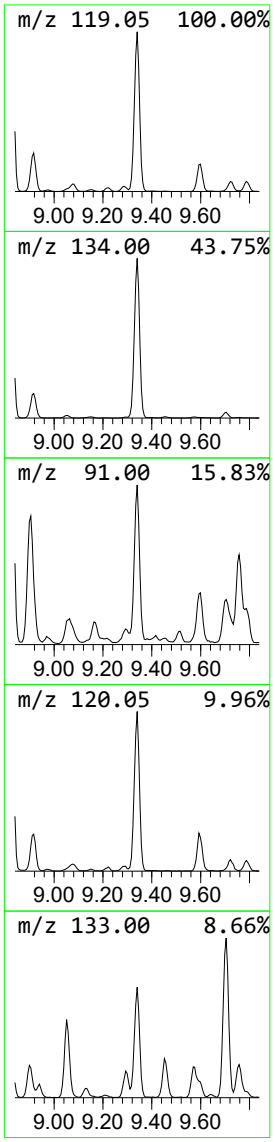
****

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.340	10.39 ng	2523910	Naphthalene-d8	10.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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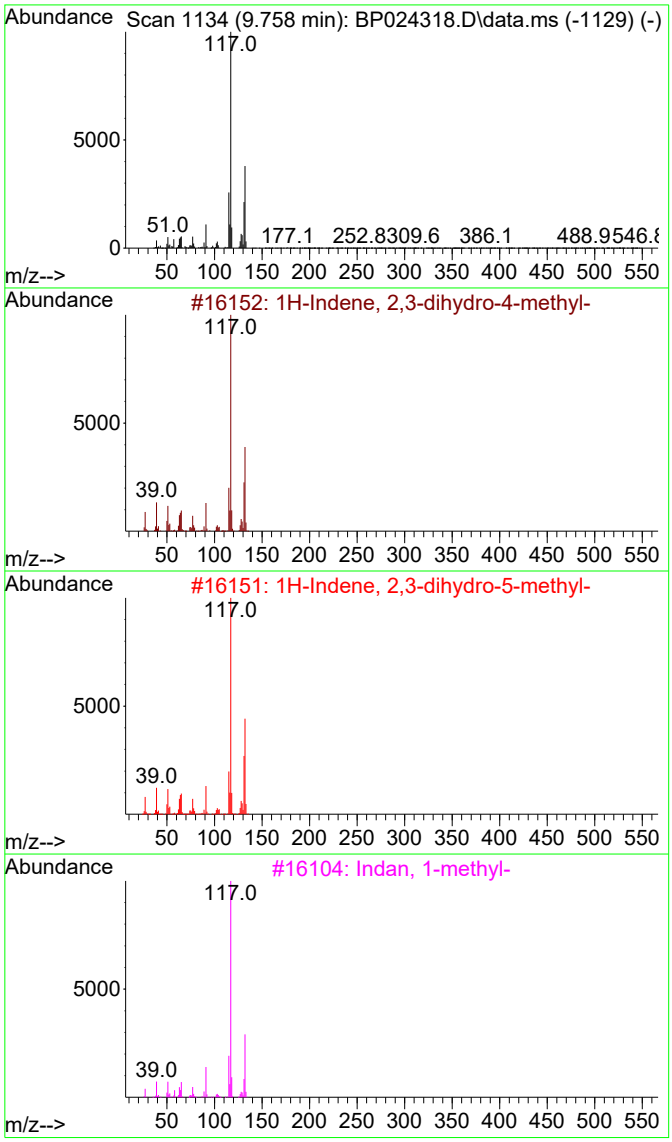
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

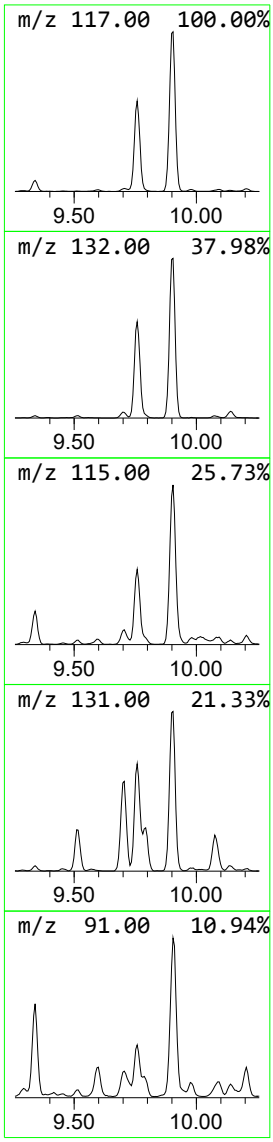
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	9.96 ng	2421260	Naphthalene-d8	10.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Misc      :
ALS Vial  : 16   Sample Multiplier: 1

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Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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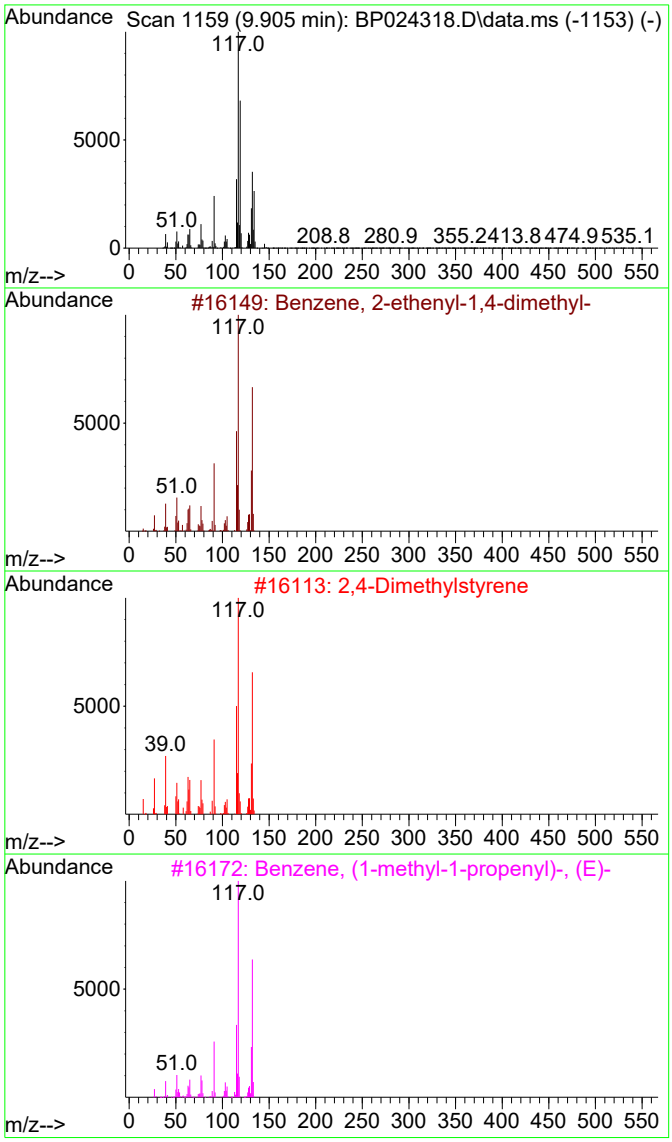
Instrument :
BNA_P
ClientSampleId :
MW5

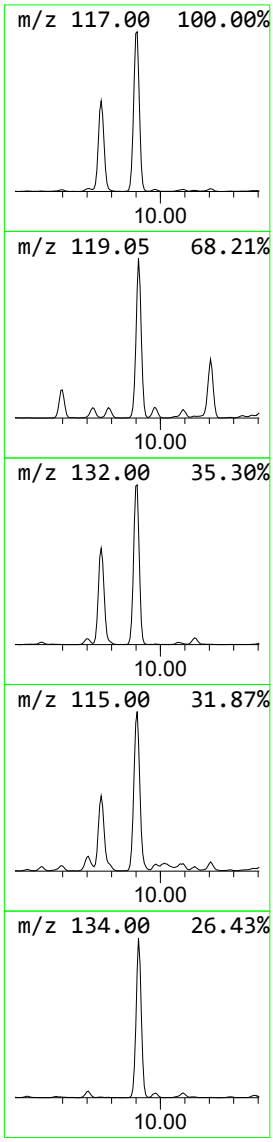
****

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.905	22.79 ng	5537680	Naphthalene-d8	10.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





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Sample : Q1762-02
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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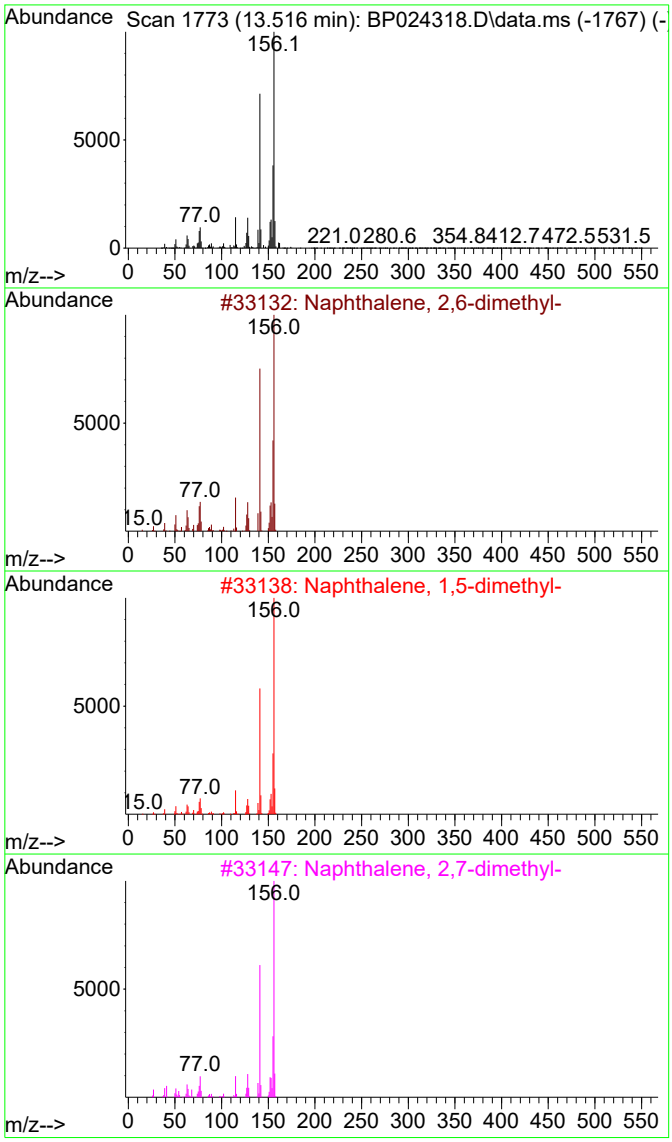
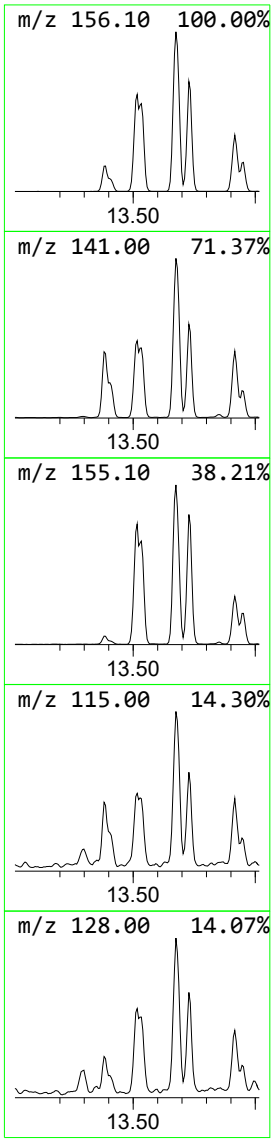
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	19.80 ng	3451870	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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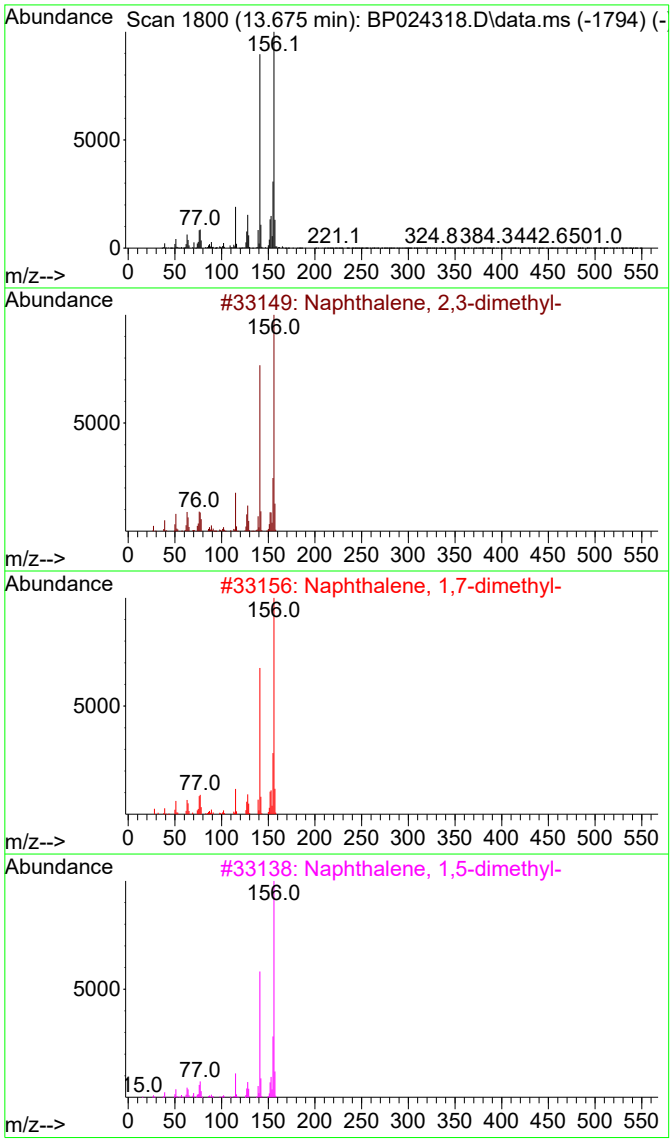
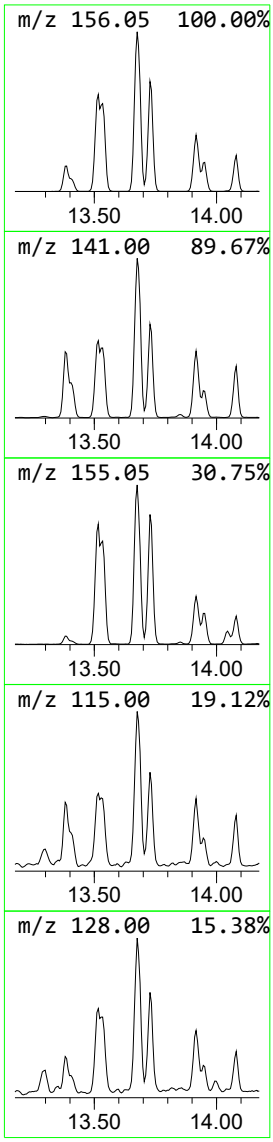
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.675	44.66 ng	7787590	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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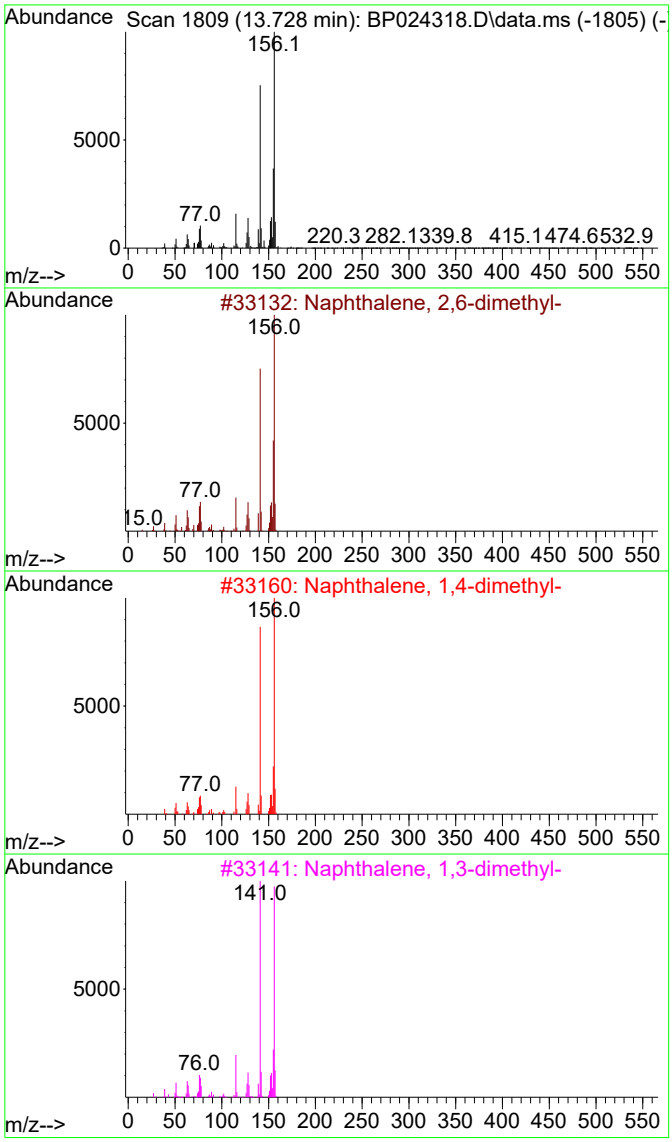
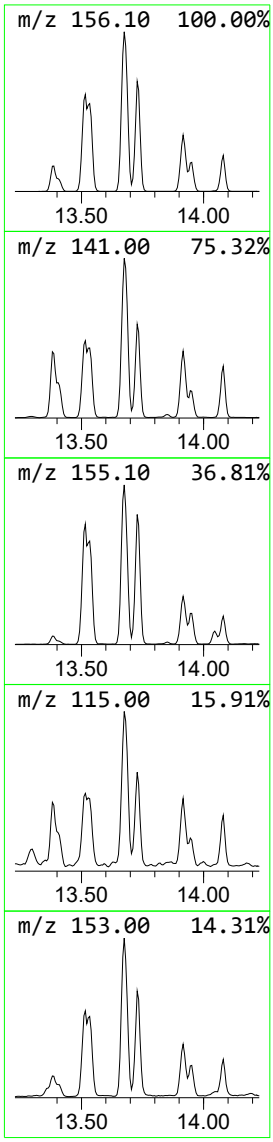
Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.728	24.84 ng	4331220	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Operator : RC/JU
Sample : Q1762-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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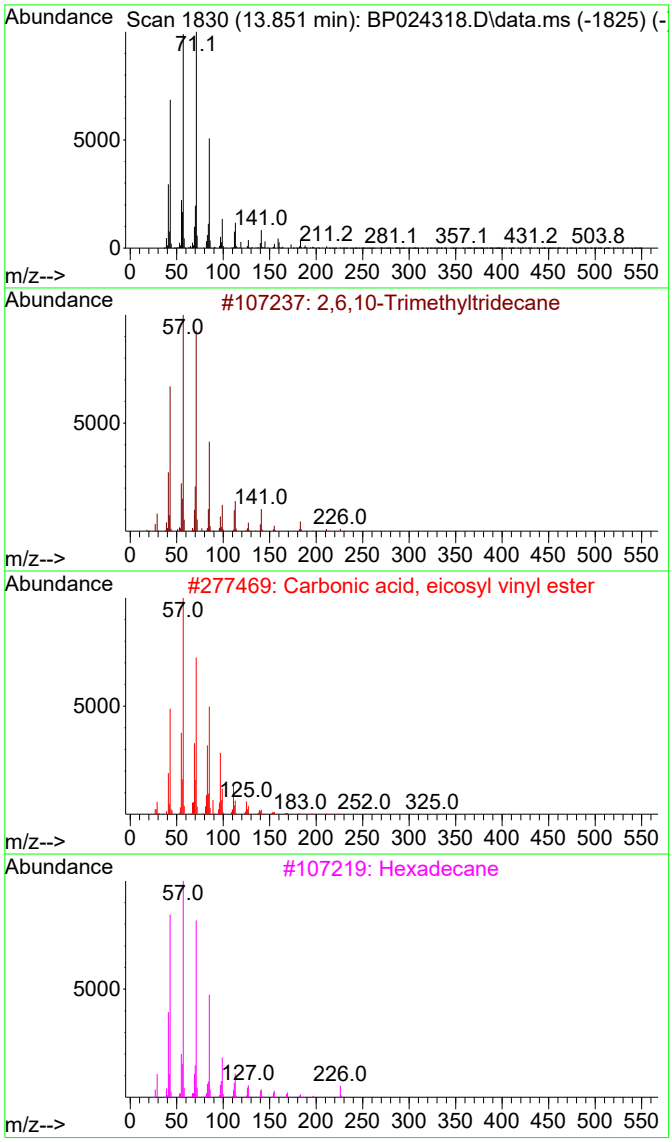
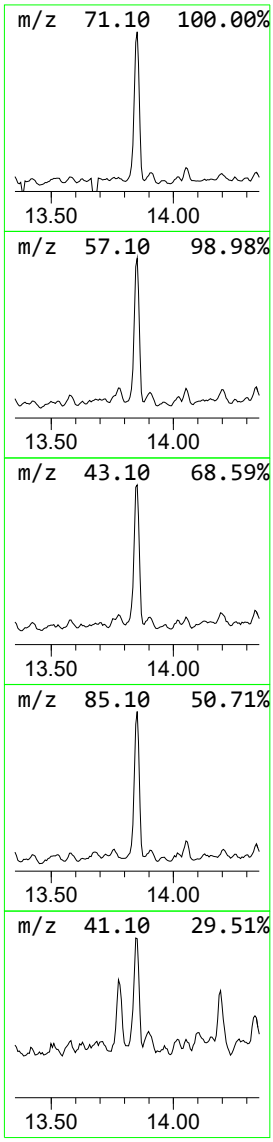
Peak Number 11 2,6,10-Trimethyltridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	10.02 ng	1748030	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	87
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	59





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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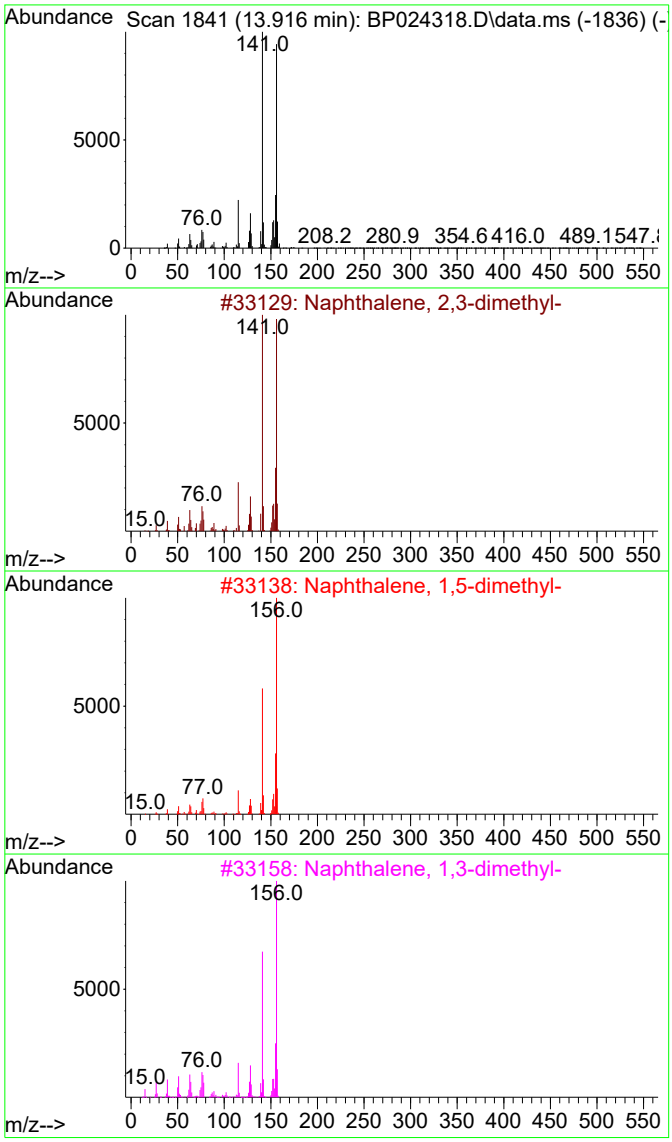
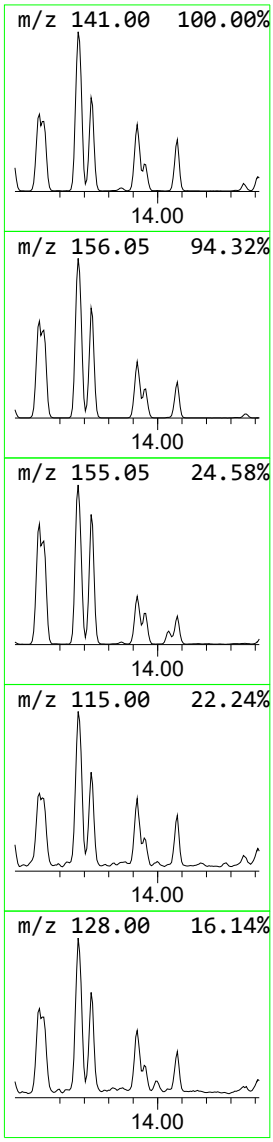
Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	15.82 ng	2757810	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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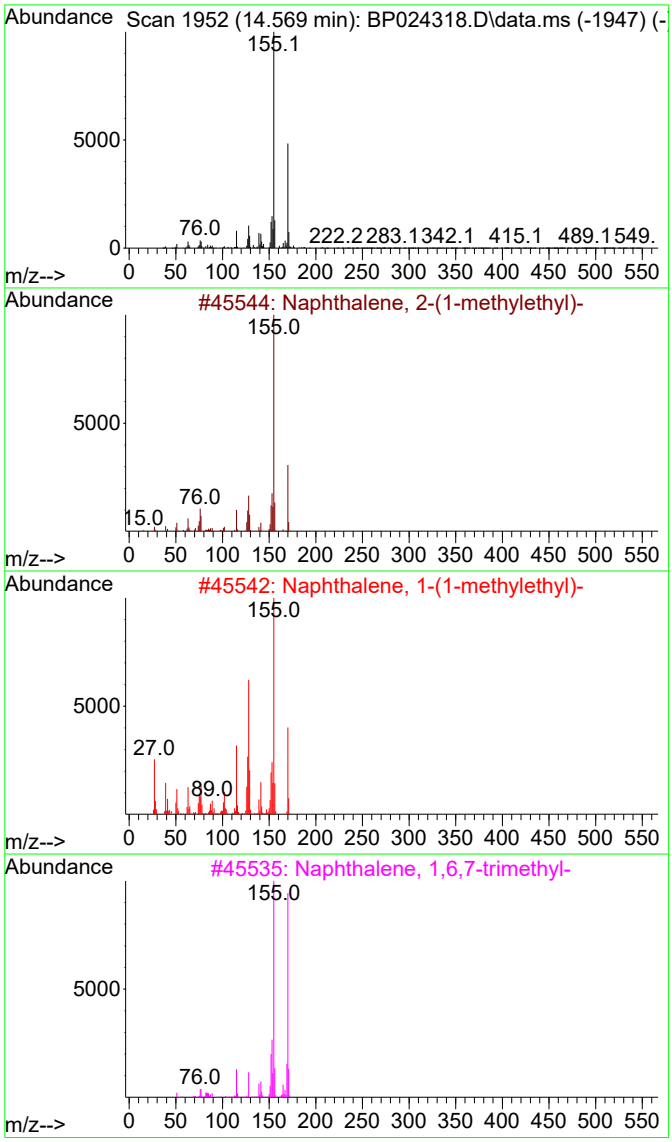
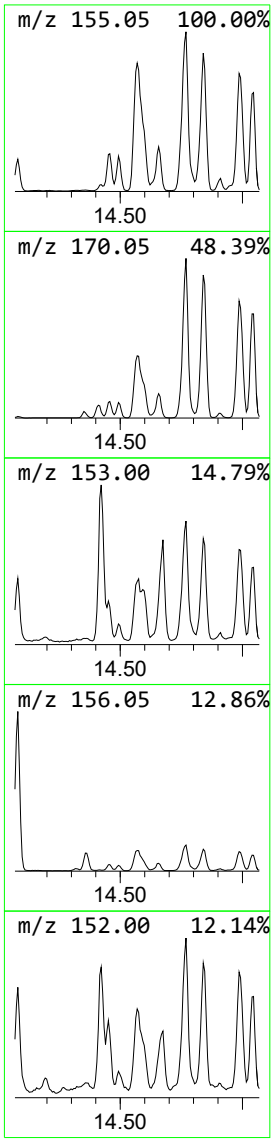
Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.569	11.52 ng	2009570	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72





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BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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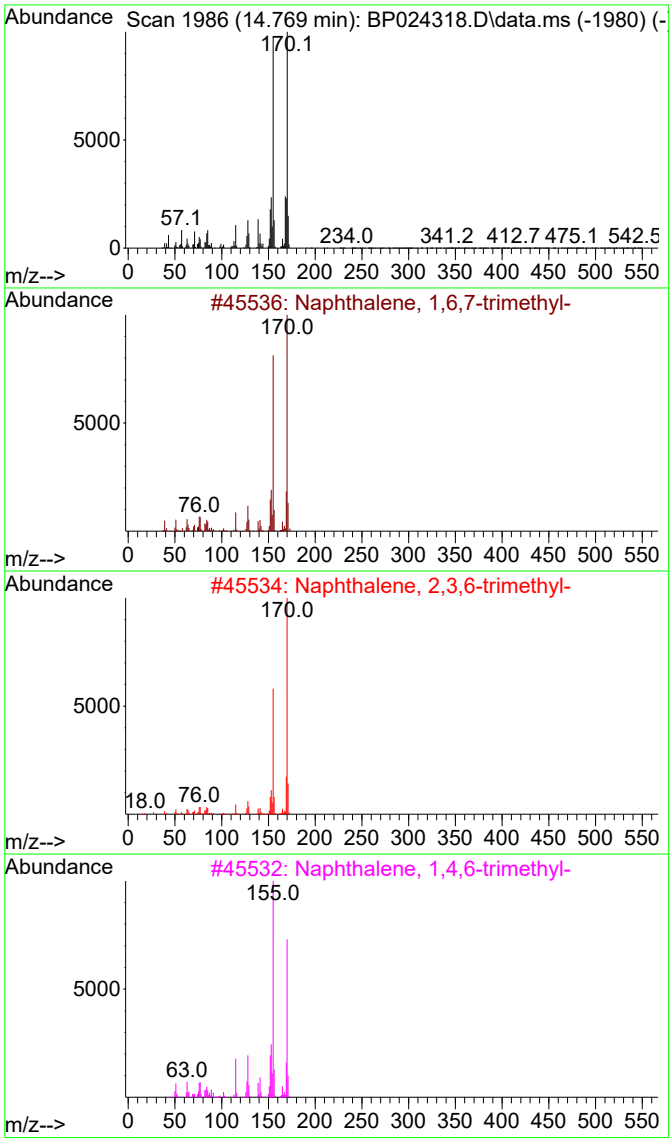
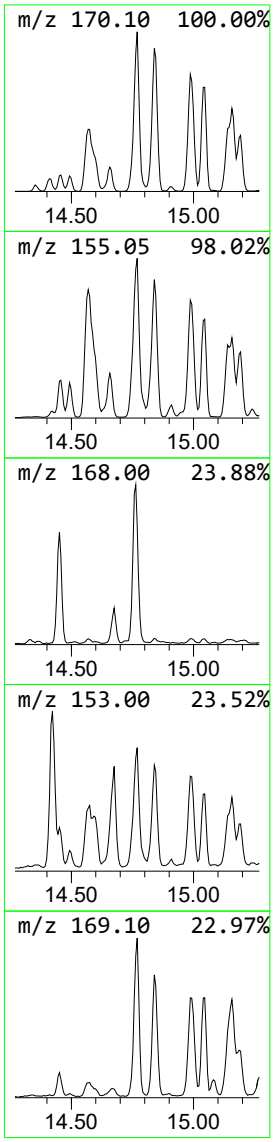
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	12.38 ng	2159370	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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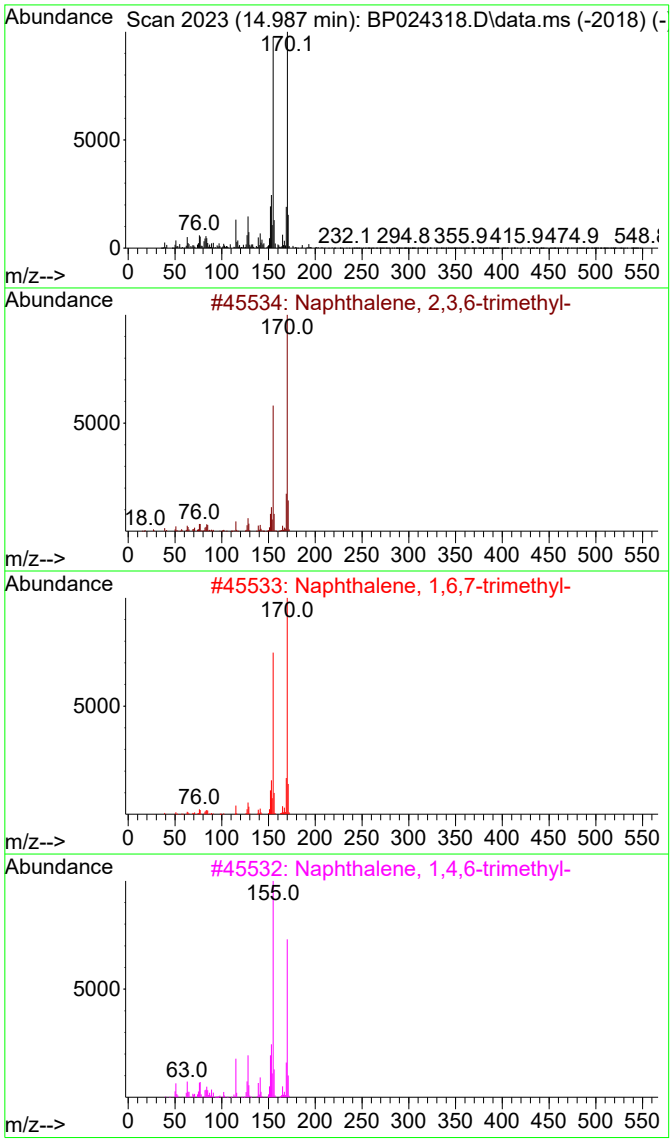
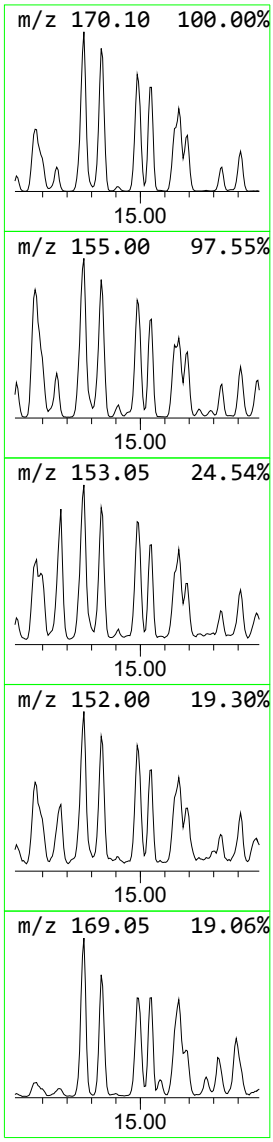
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.987	10.65 ng	1857530	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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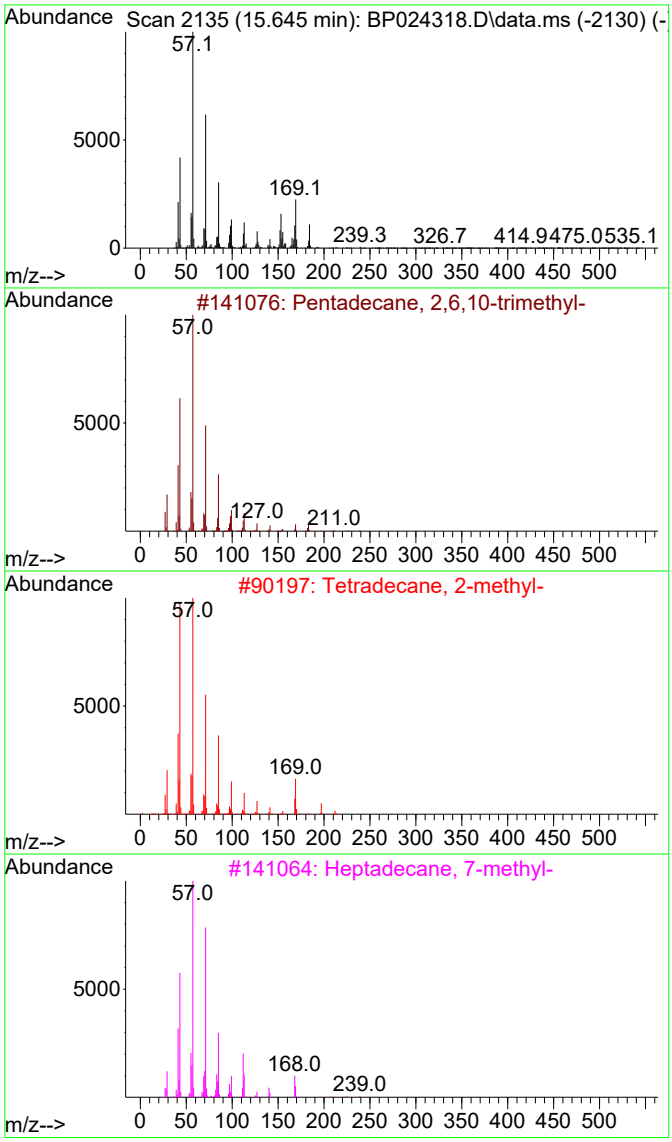
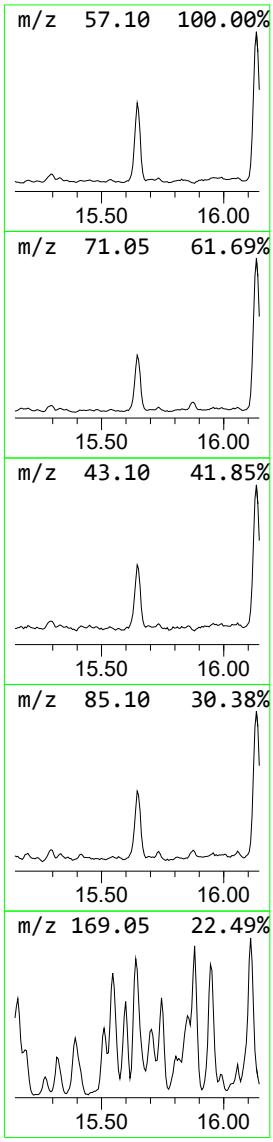
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	11.55 ng	2014270	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	58
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	52
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	46





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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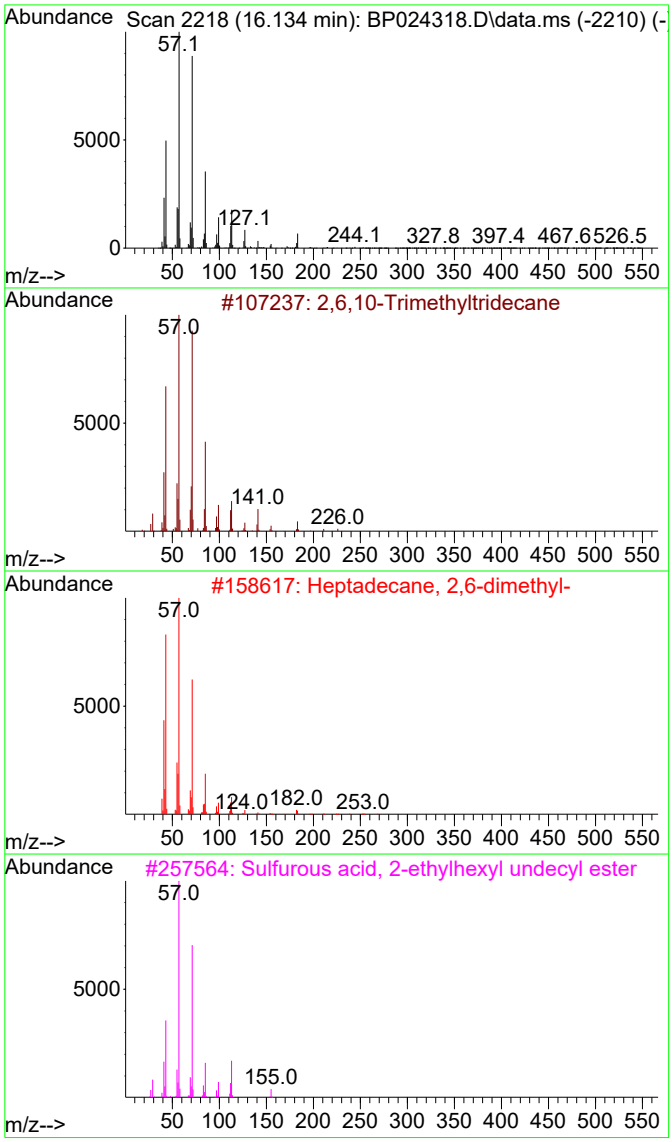
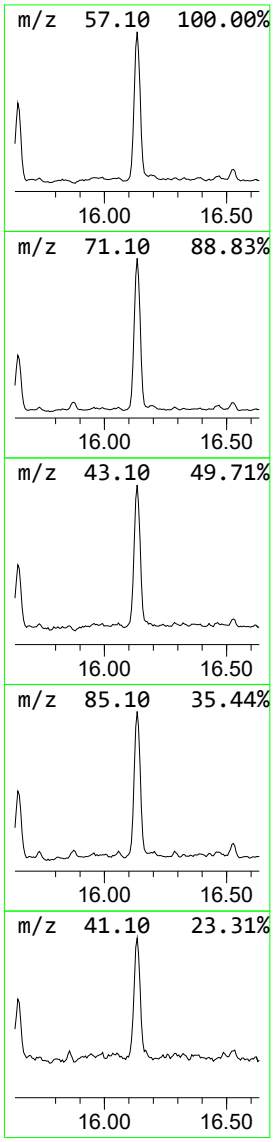
Peak Number 17 Heptadecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.134	21.97 ng	3663840	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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ALS Vial : 16 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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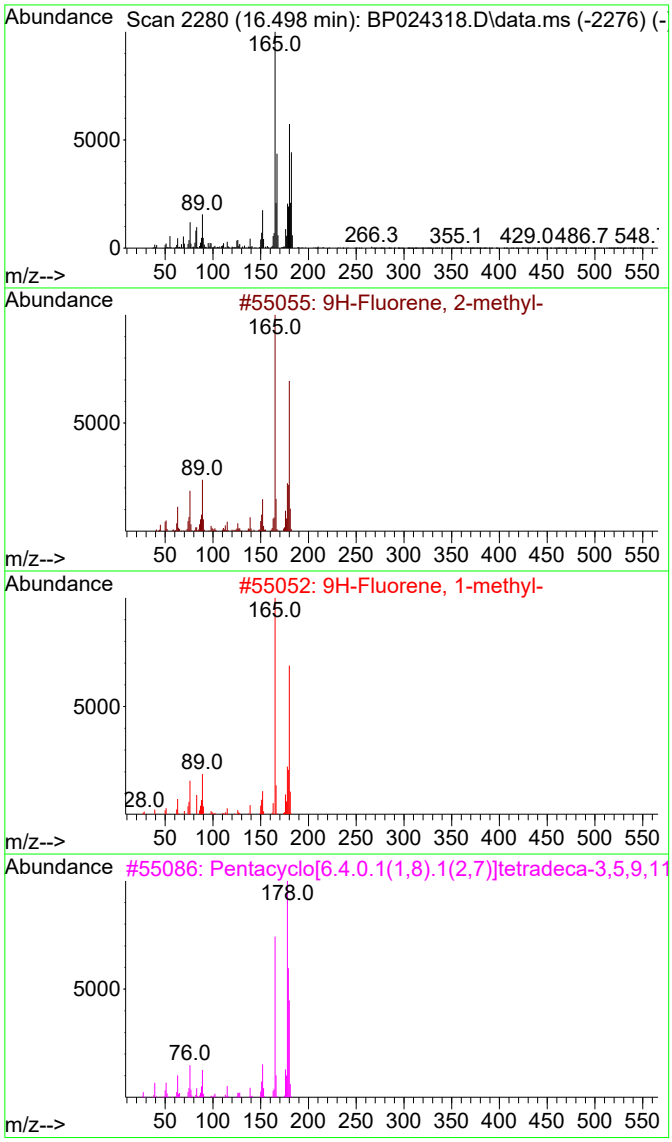
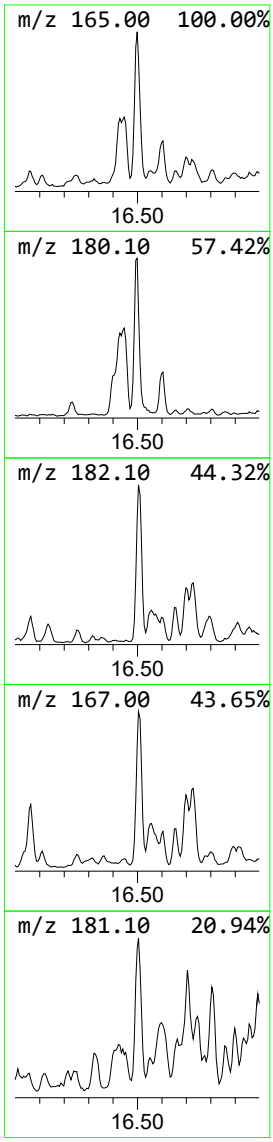
Peak Number 18 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.498	9.87 ng	1646220	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
3	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	64
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	53





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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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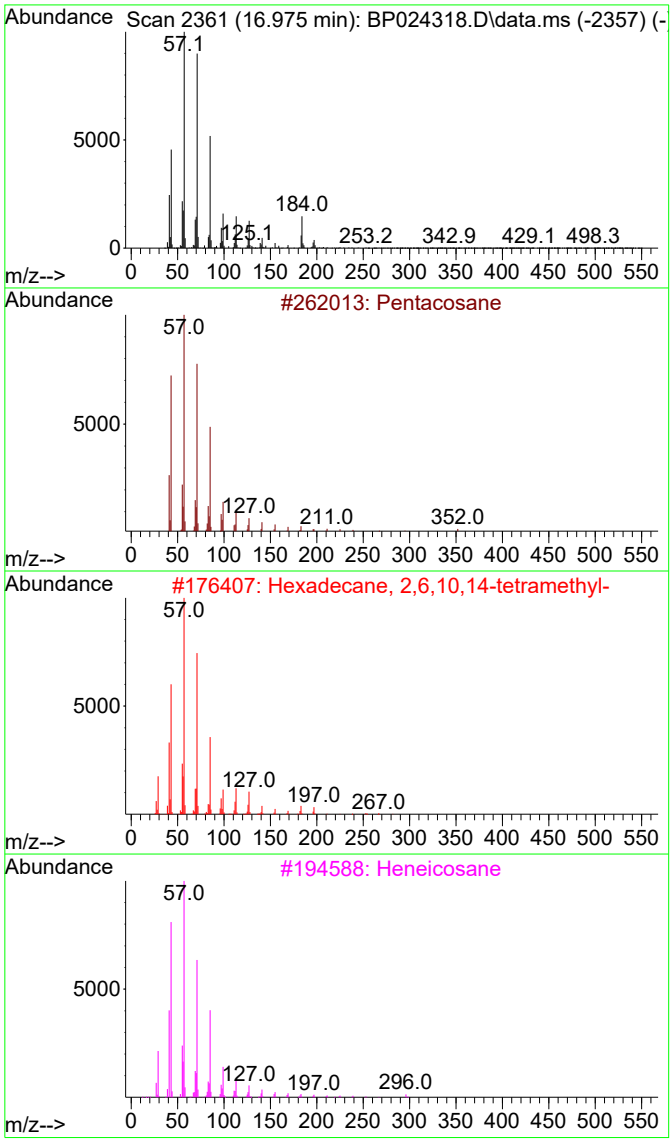
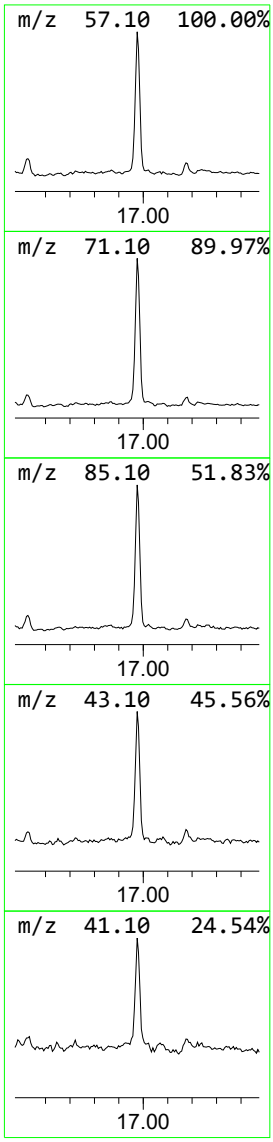
Peak Number 19 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	13.34 ng	2224050	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tridecane	184	C13H28	000629-50-5	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





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Misc      :
ALS Vial  : 16   Sample Multiplier: 1

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Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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Instrument :
BNA_P
ClientSampleId :
MW5

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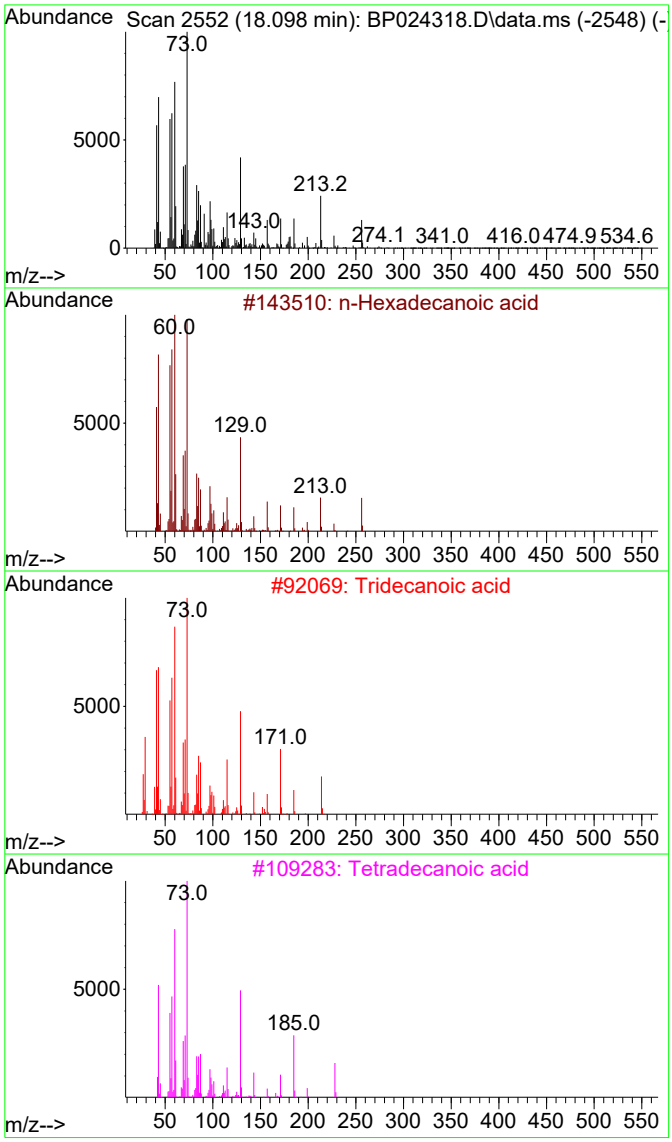
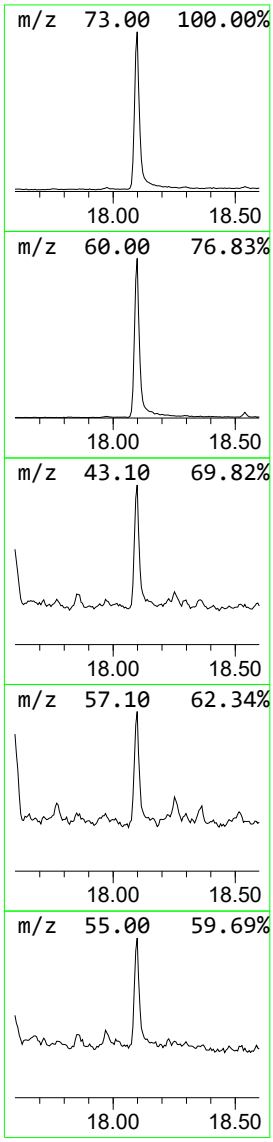
Peak Number 20 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	12.48 ng	2081880	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





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ClientSampleId :
MW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	8.099	30.6	ng	2930480	1	7.728	1918240	20.0
Benzene, 1,3-di...	8.216	14.2	ng	1360490	1	7.728	1918240	20.0
o-Cymene	8.822	51.4	ng	4927070	1	7.728	1918240	20.0
unknown9.063	9.063	9.5	ng	911671	1	7.728	1918240	20.0
Benzene, 1,2,4,...	9.340	10.4	ng	2523910	2	10.505	4860050	20.0
1H-Indene, 2,3-...	9.758	10.0	ng	2421260	2	10.505	4860050	20.0
Benzene, 2-ethe...	9.905	22.8	ng	5537680	2	10.505	4860050	20.0
Naphthalene, 2,...	13.516	19.8	ng	3451870	3	14.357	3487450	20.0
Naphthalene, 2,...	13.675	44.7	ng	7787590	3	14.357	3487450	20.0
Naphthalene, 1,...	13.728	24.8	ng	4331220	3	14.357	3487450	20.0
2,6,10-Trimethy...	13.851	10.0	ng	1748030	3	14.357	3487450	20.0
Naphthalene, 1,...	13.916	15.8	ng	2757810	3	14.357	3487450	20.0
Naphthalene, 2-...	14.569	11.5	ng	2009570	3	14.357	3487450	20.0
Naphthalene, 1,...	14.769	12.4	ng	2159370	3	14.357	3487450	20.0
Naphthalene, 2,...	14.987	10.7	ng	1857530	3	14.357	3487450	20.0
Pentadecane, 2,...	15.645	11.6	ng	2014270	3	14.357	3487450	20.0
Heptadecane, 2,...	16.134	22.0	ng	3663840	4	17.157	3335600	20.0
9H-Fluorene, 2-...	16.498	9.9	ng	1646220	4	17.157	3335600	20.0
Pentacosane	16.975	13.3	ng	2224050	4	17.157	3335600	20.0
n-Hexadecanoic ...	18.098	12.5	ng	2081880	4	17.157	3335600	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024309.D
Acq On : 16 Apr 2025 13:07
Operator : RC/JU
Sample : PB167564BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Quant Time: Apr 16 13:27:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

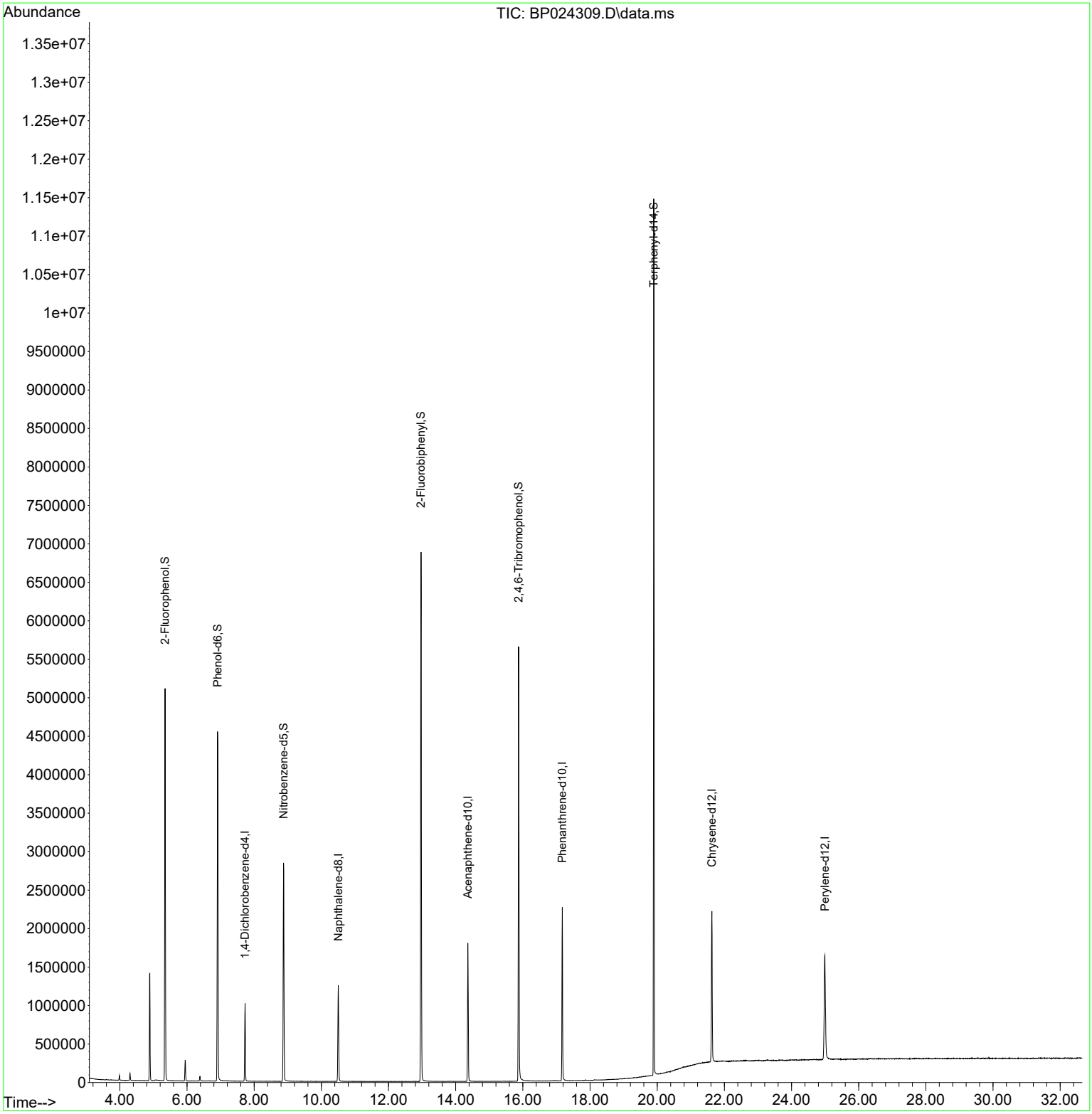
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	270242	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1066353	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	644577	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1213246	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1175360	20.000	ng	0.00
86) Perylene-d12	24.992	264	1338097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2259867	138.268	ng	0.00
7) Phenol-d6	6.910	99	2790942	124.709	ng	0.00
23) Nitrobenzene-d5	8.875	82	1691131	90.430	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1145111	128.404	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	3789237	90.008	ng	-0.01
79) Terphenyl-d14	19.898	244	5385127	92.350	ng	-0.02
Target Compounds						Qvalue

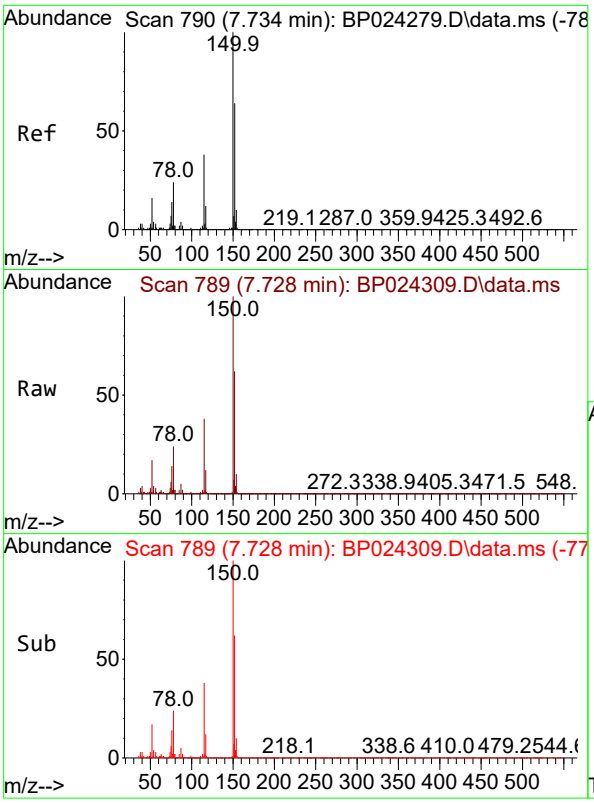
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024309.D
Acq On : 16 Apr 2025 13:07
Operator : RC/JU
Sample : PB167564BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Quant Time: Apr 16 13:27:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration



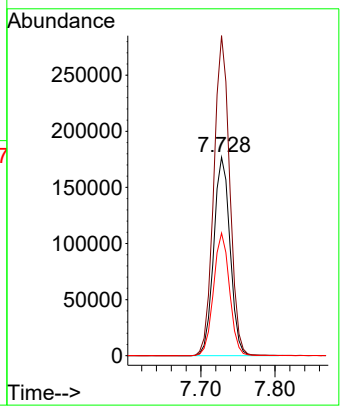


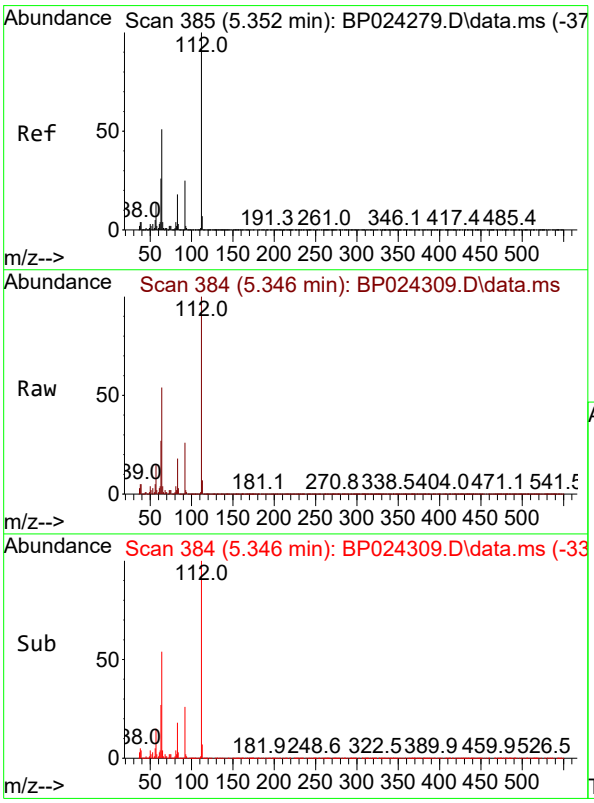
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Tgt Ion:152 Resp: 270242

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.9	187.3
115	61.8	47.7	71.5

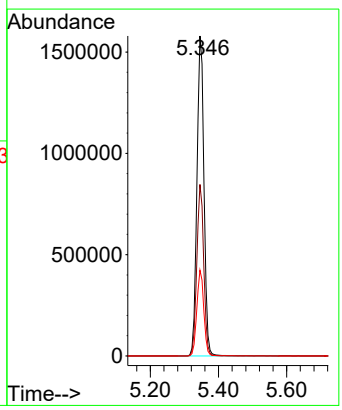


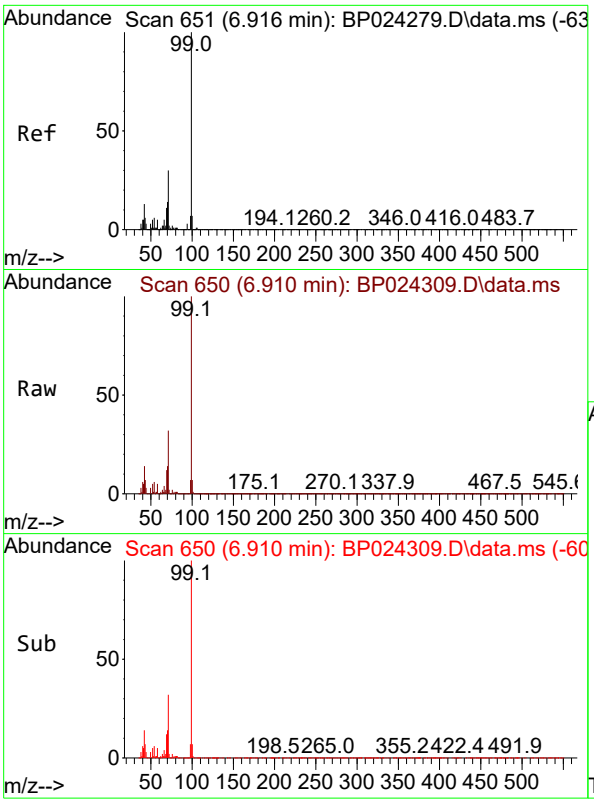


#5
2-Fluorophenol
Concen: 138.268 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion:112 Resp: 2259867

Ion	Ratio	Lower	Upper
112	100		
64	53.6	41.1	61.7
63	26.8	20.6	30.8



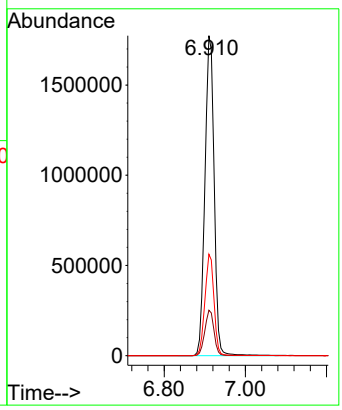


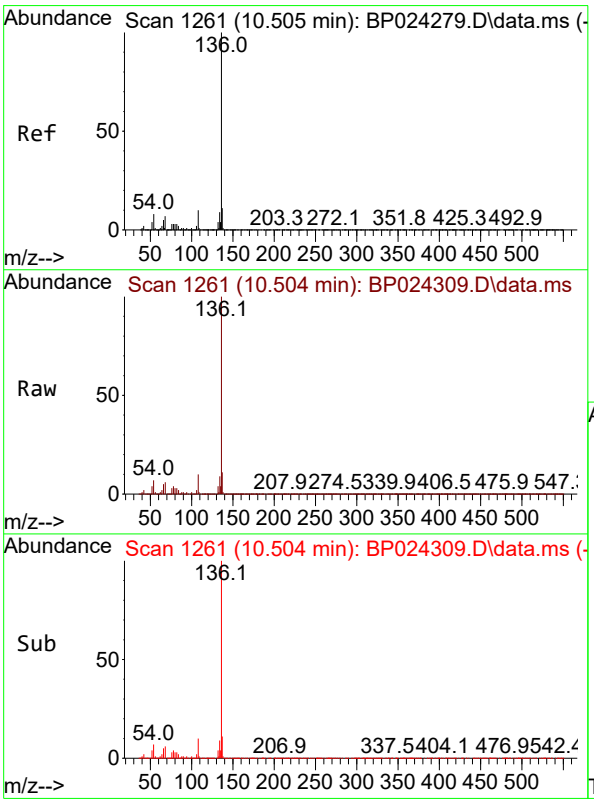
#7
Phenol-d6
Concen: 124.709 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Tgt Ion: 99 Resp: 2790942

Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.6	16.0
71	31.7	23.7	35.5

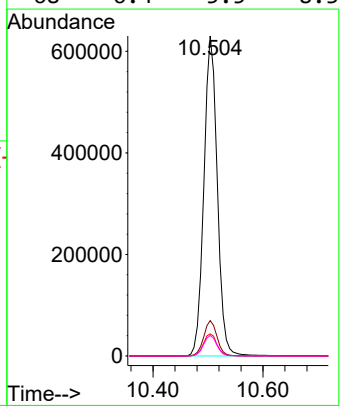


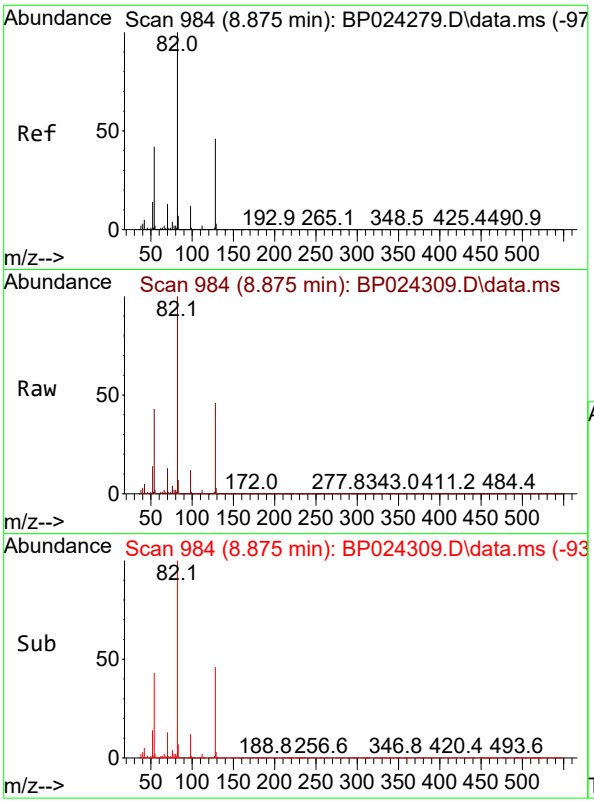


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion:136 Resp: 1066353

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.9	6.0	9.0
68	6.4	5.5	8.3



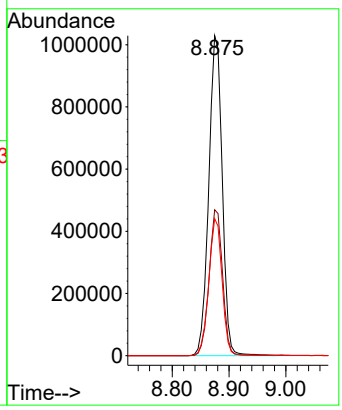


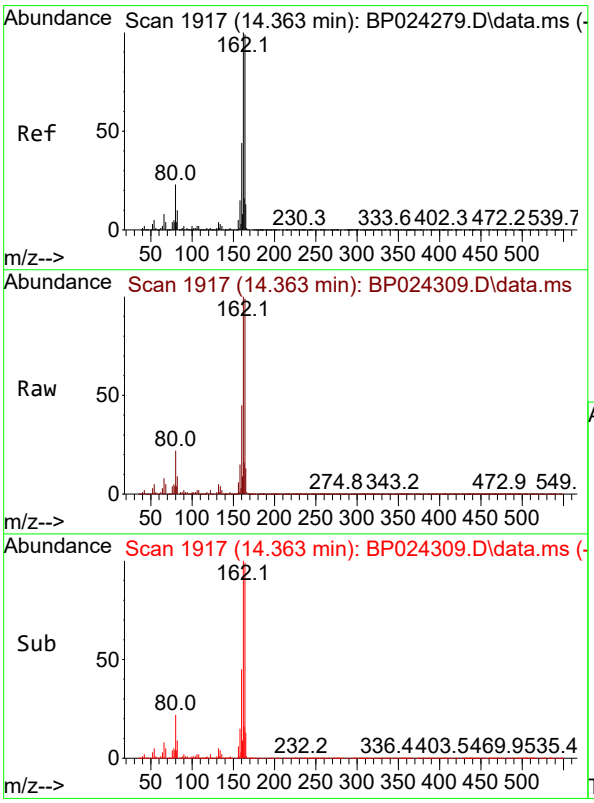
#23
Nitrobenzene-d5
Concen: 90.430 ng
RT: 8.875 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Tgt Ion: 82 Resp: 1691131

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	42.8	33.4	50.2

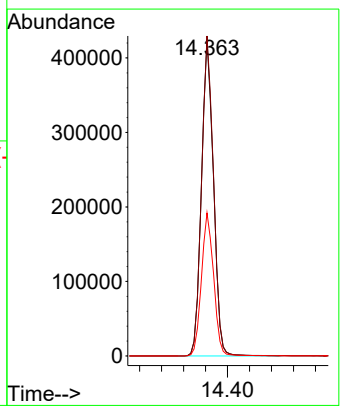


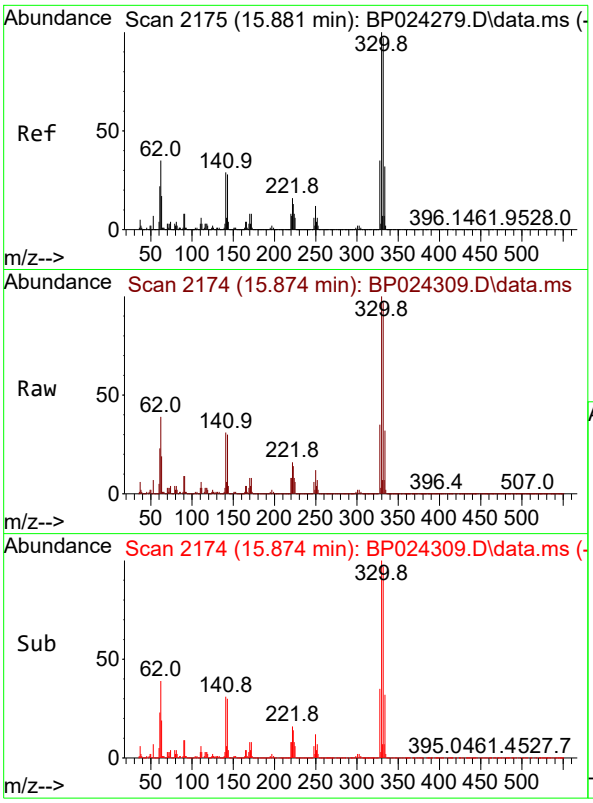


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion:164 Resp: 644577

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	45.2	35.3	52.9



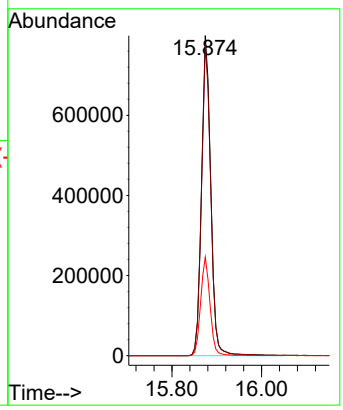


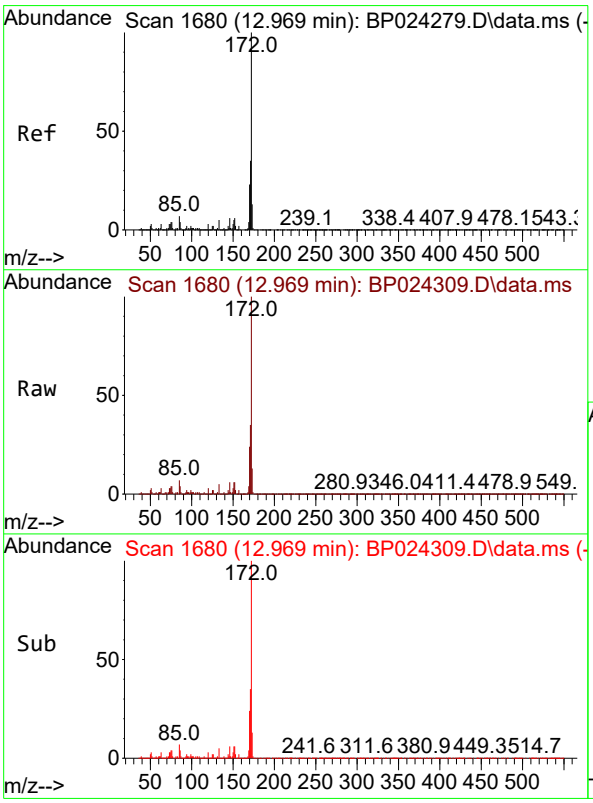
#42
2,4,6-Tribromophenol
Concen: 128.404 ng
RT: 15.874 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Tgt Ion:330 Resp: 1145111

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	31.2	24.7	37.1

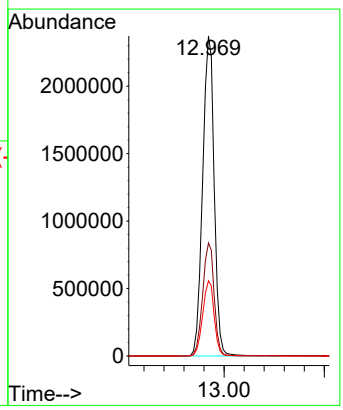


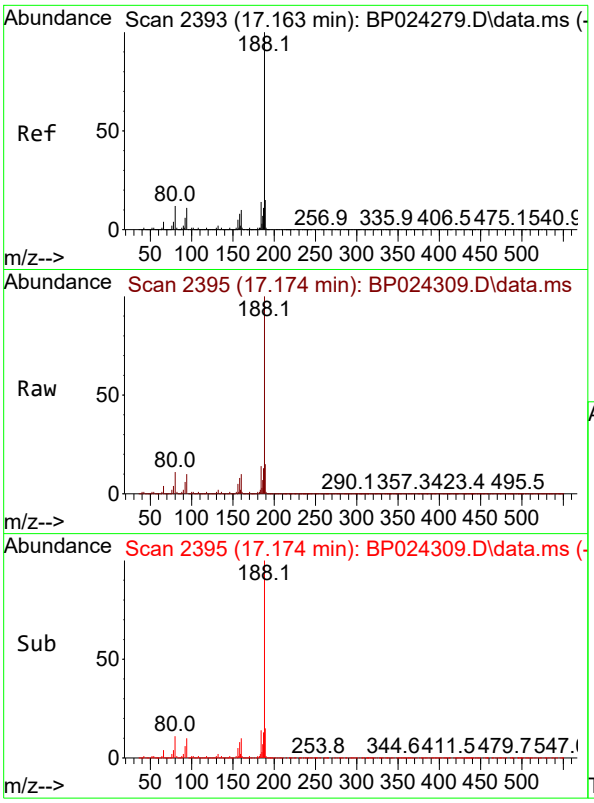


#45
2-Fluorobiphenyl
Concen: 90.008 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion:172 Resp: 3789237

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.5	18.6	27.8



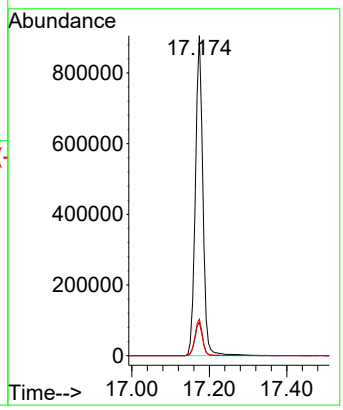


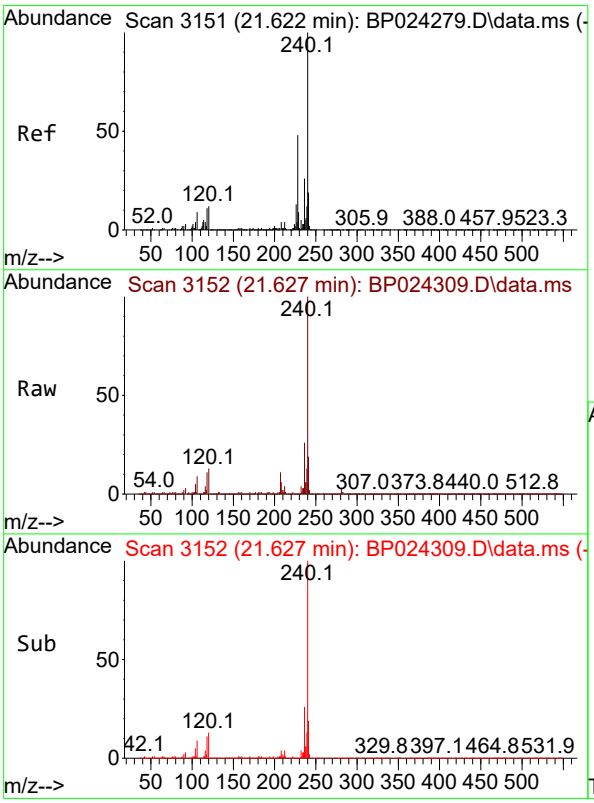
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Tgt Ion:188 Resp: 1213246

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.5	9.8	14.6

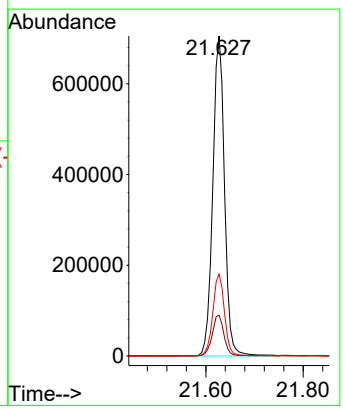


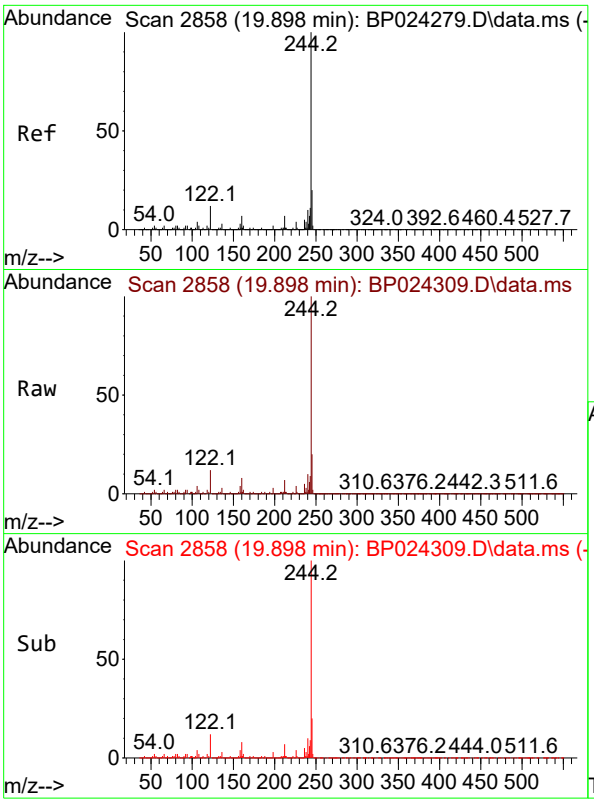


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion:240 Resp: 1175360

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.5	20.9	31.3



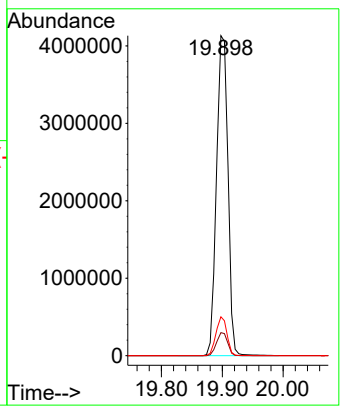


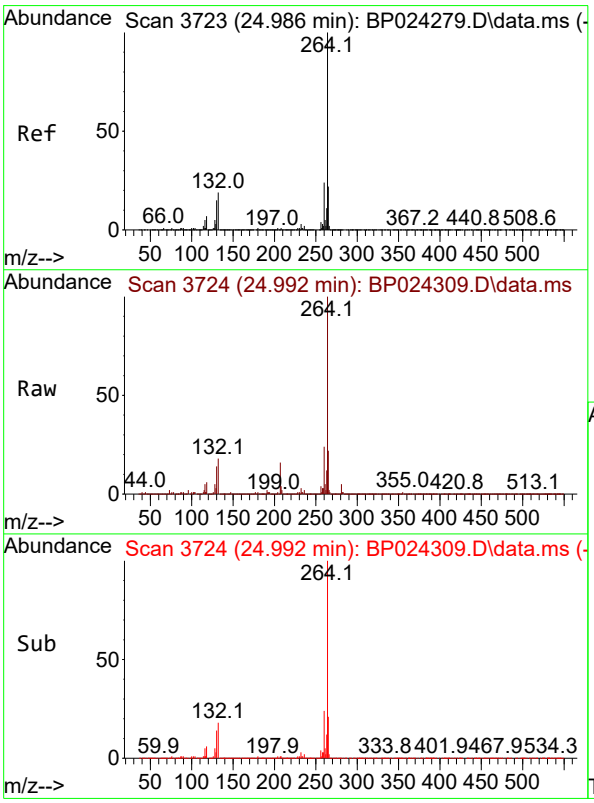
#79
Terphenyl-d14
Concen: 92.350 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Tgt Ion:244 Resp: 5385127

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.1	9.4	14.0

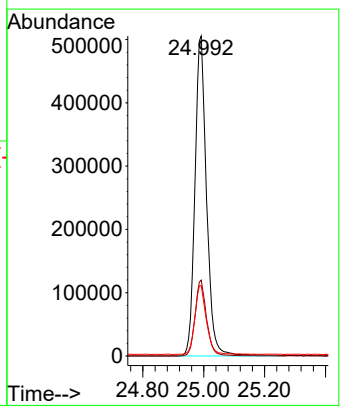




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 3724
Delta R.T. 0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion:264 Resp: 1338097

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	17.8	26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024309.D
Acq On : 16 Apr 2025 13:07
Operator : RC/JU
Sample : PB167564BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	301	307	322	rBV	1391546	1925943	13.10%	2.697%
2	5.346	378	384	399	rBV	5094960	7194349	48.95%	10.076%
3	5.945	480	486	498	rVB	270849	382631	2.60%	0.536%
4	6.910	641	650	673	rBV	4541677	7245027	49.30%	10.147%
5	7.728	781	789	801	rBV	1010101	1530529	10.41%	2.144%
6	8.875	976	984	1001	rBV	2840104	4693233	31.93%	6.573%
7	10.504	1251	1261	1280	rBV	1250394	2128003	14.48%	2.980%
8	12.969	1672	1680	1698	rBV	6879725	10929755	74.37%	15.308%
9	14.363	1909	1917	1928	rBV	1797662	2750664	18.72%	3.853%
10	15.874	2167	2174	2206	rBV	5647508	8225069	55.97%	11.520%
11	17.174	2388	2395	2410	rBV	2254278	3043149	20.71%	4.262%
12	19.898	2853	2858	2874	rBV	11388528	14696517	100.00%	20.584%
13	21.627	3145	3152	3164	rBV2	1950638	3229365	21.97%	4.523%
14	24.992	3716	3724	3739	rVB	1331160	3424907	23.30%	4.797%

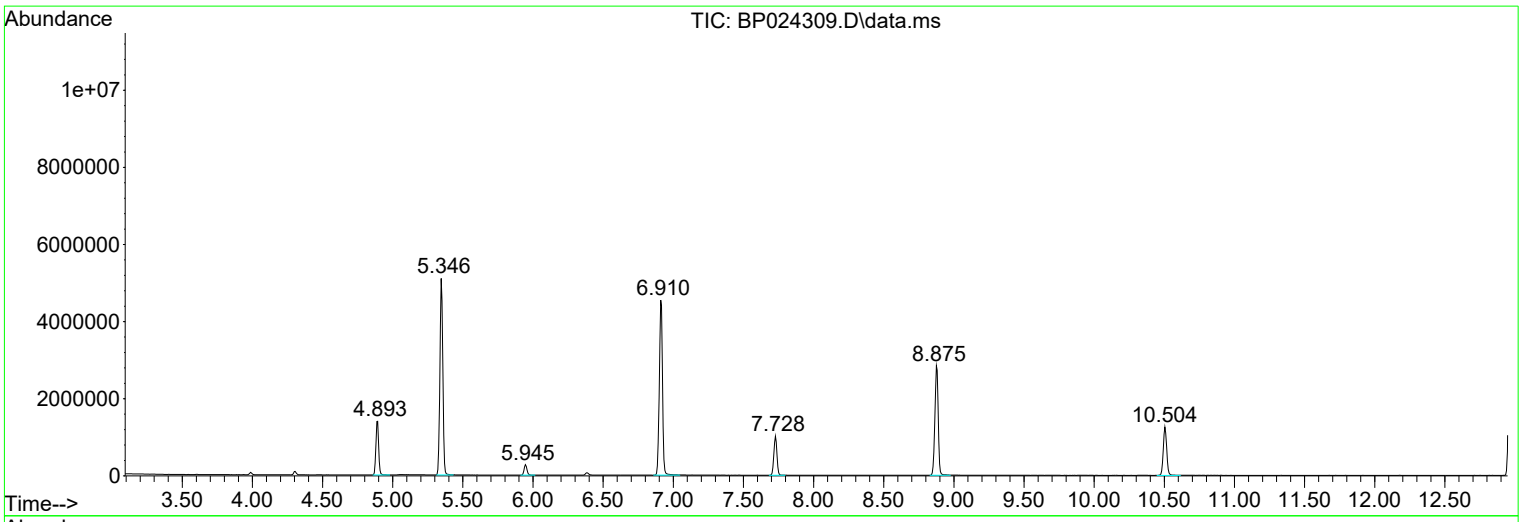
Sum of corrected areas: 71399141

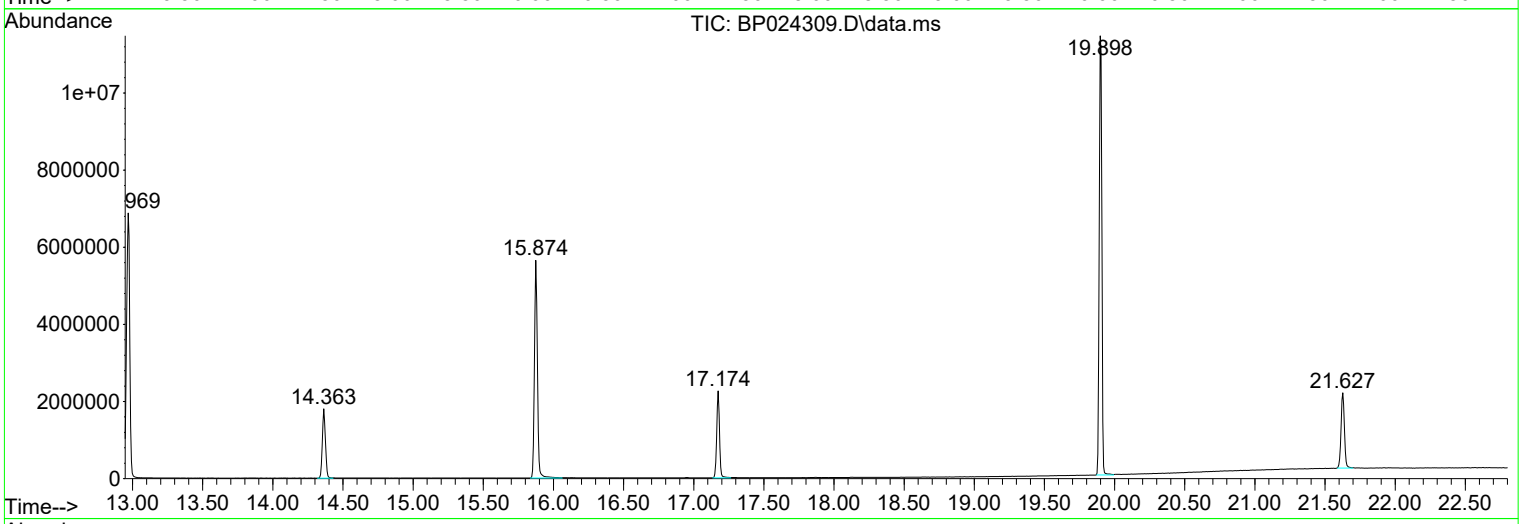
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024309.D
Acq On : 16 Apr 2025 13:07
Operator : RC/JU
Sample : PB167564BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

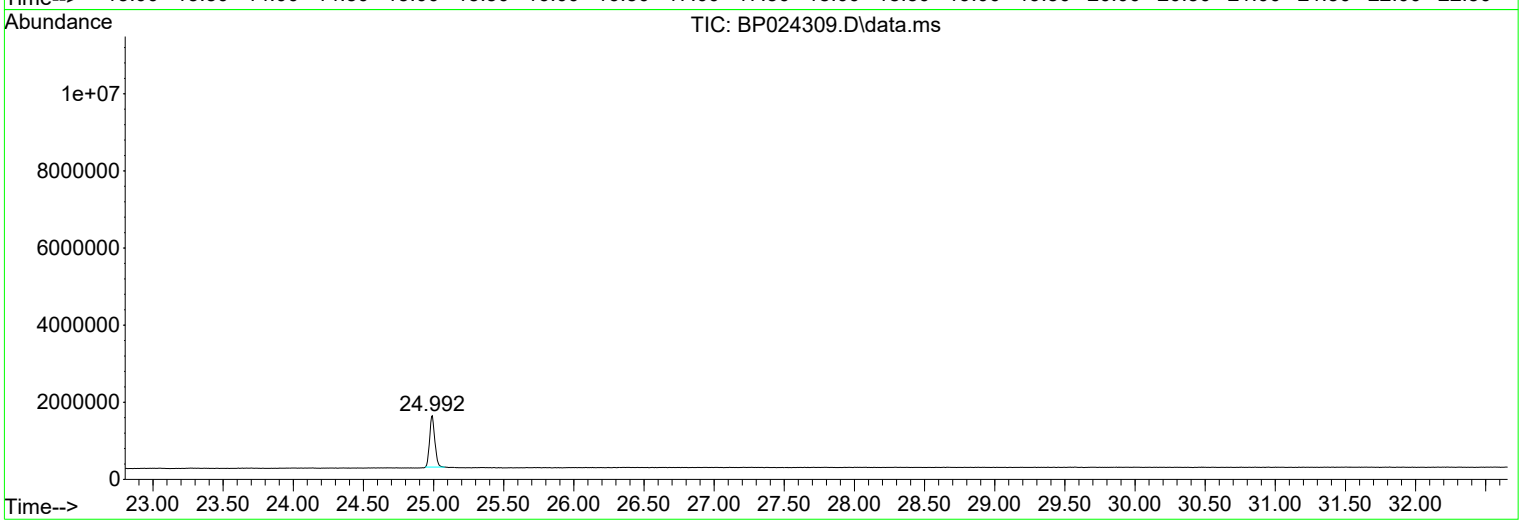
Instrument :
BNA_P
ClientSampleId :
PB167564BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024309.D
Acq On : 16 Apr 2025 13:07
Operator : RC/JU
Sample : PB167564BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

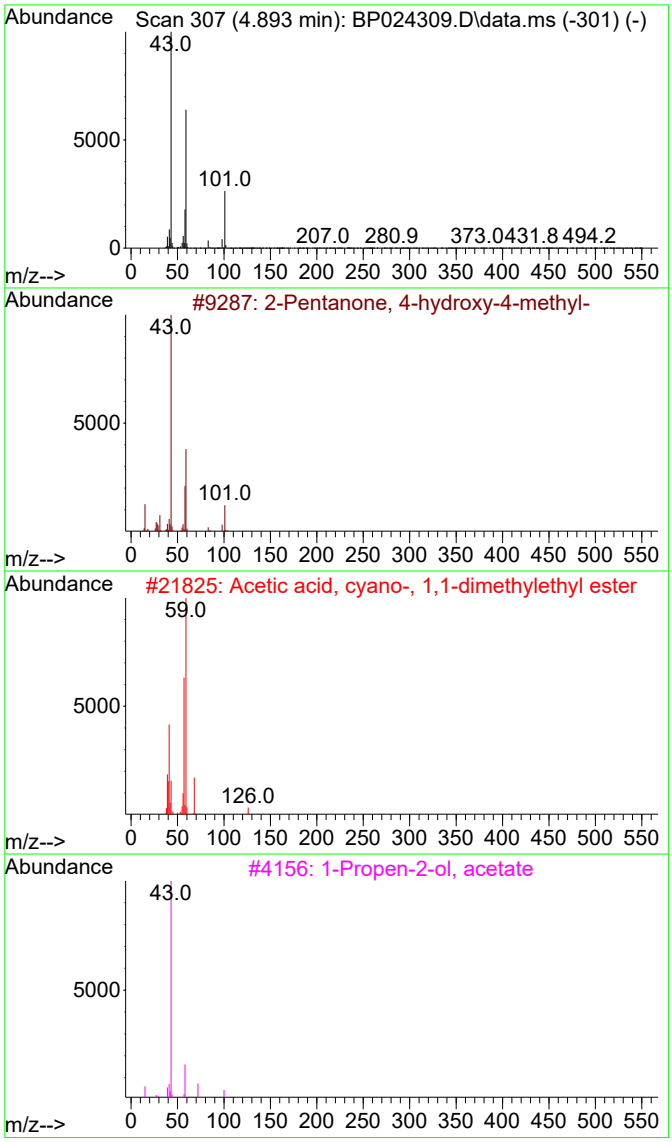
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

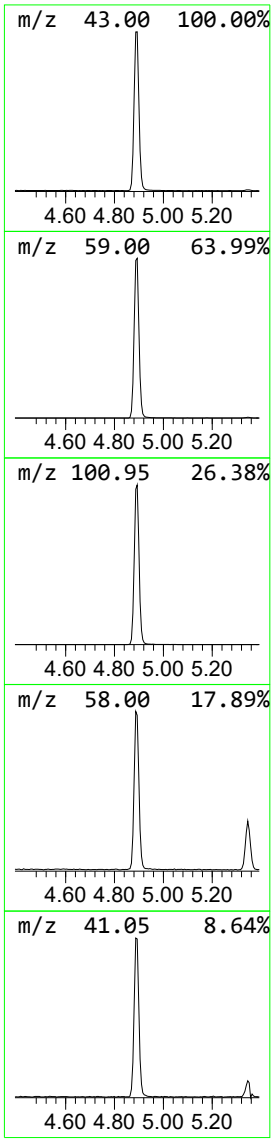
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	25.17 ng	1925940	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024309.D
Acq On : 16 Apr 2025 13:07
Operator : RC/JU
Sample : PB167564BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167564BL

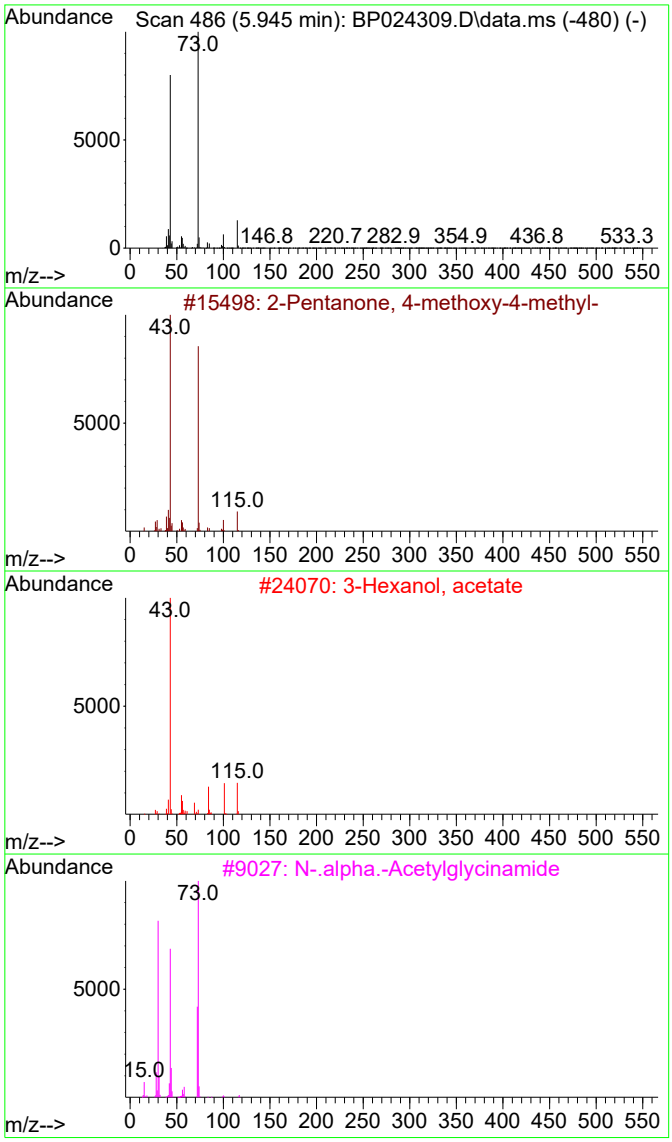
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

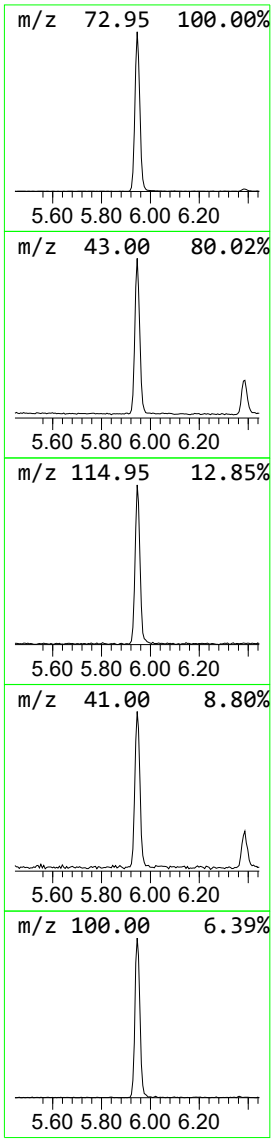
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.945	5.00 ng	382631	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	3-Hexanol, acetate	144	C8H16O2	040780-64-1	37
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	28
4	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024309.D
Acq On : 16 Apr 2025 13:07
Operator : RC/JU
Sample : PB167564BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167564BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.893	25.2	ng	1925940	1	7.728	1530530	20.0
2-Pentanone, 4-...	5.945	5.0	ng	382631	1	7.728	1530530	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024322.D
Acq On : 17 Apr 2025 11:51
Operator : RC/JU
Sample : PB167564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 17 12:18:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167564BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	334068	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1451795	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	946390	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1773496	20.000	ng	-0.02
76) Chrysene-d12	21.598	240	1227922	20.000	ng	-0.02
86) Perylene-d12	24.939	264	1207867	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2759115	136.561	ng	0.00
7) Phenol-d6	6.917	99	3618299	130.789	ng	0.00
23) Nitrobenzene-d5	8.875	82	2148075	84.368	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1728940	132.043	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	5085782	82.280	ng	-0.01
79) Terphenyl-d14	19.881	244	6643551	109.054	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	287909	33.689	ng	97
3) Pyridine	3.681	79	766297	33.958	ng	98
4) n-Nitrosodimethylamine	3.593	42	324280	43.299	ng	94
6) Aniline	7.064	93	1023567	41.404	ng	99
8) 2-Chlorophenol	7.305	128	1079648	47.861	ng	99
9) Benzaldehyde	6.875	77	294812	21.543	ng	99
10) Phenol	6.940	94	1357407	48.911	ng	96
11) bis(2-Chloroethyl)ether	7.158	93	961345	42.993	ng	99
12) 1,3-Dichlorobenzene	7.616	146	1030757	42.444	ng	98
13) 1,4-Dichlorobenzene	7.764	146	1060590	43.043	ng	99
14) 1,2-Dichlorobenzene	8.075	146	1021098	42.916	ng	99
15) Benzyl Alcohol	7.969	79	871520	48.712	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	1102139	45.601	ng	99
17) 2-Methylphenol	8.175	107	928298	51.707	ng	99
18) Hexachloroethane	8.799	117	393473	44.187	ng	98
19) n-Nitroso-di-n-propyla...	8.528	70	752644	43.975	ng	99
20) 3+4-Methylphenols	8.499	107	1264970	50.780	ng	99
22) Acetophenone	8.546	105	1513862	42.130	ng	100
24) Nitrobenzene	8.916	77	1104577	43.855	ng	98
25) Isophorone	9.440	82	2149873	46.650	ng	99
26) 2-Nitrophenol	9.622	139	581538	47.180	ng	97
27) 2,4-Dimethylphenol	9.687	122	1056586	68.269	ng	99
28) bis(2-Chloroethoxy)met...	9.916	93	1365811	43.871	ng	100
29) 2,4-Dichlorophenol	10.158	162	1025078	48.576	ng	98
30) 1,2,4-Trichlorobenzene	10.369	180	977668	43.241	ng	98
31) Naphthalene	10.552	128	3144759	41.121	ng	100
32) Benzoic acid	9.863	122	845605m	46.890	ng	
33) 4-Chloroaniline	10.663	127	472553	17.547	ng	99
34) Hexachlorobutadiene	10.834	225	581954	43.802	ng	99
35) Caprolactam	11.463	113	357452	45.907	ng	99
36) 4-Chloro-3-methylphenol	11.799	107	1188991	48.373	ng	100
37) 2-Methylnaphthalene	12.163	142	2057907	38.801	ng	98
38) 1-Methylnaphthalene	12.387	142	2189742	42.204	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	1115334	42.855	ng	99
41) Hexachlorocyclopentadiene	12.516	237	1557478	169.206	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	830279	47.984	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024322.D
Acq On : 17 Apr 2025 11:51
Operator : RC/JU
Sample : PB167564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 17 12:18:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167564BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	916797	47.846	ng	99
46) 1,1'-Biphenyl	13.181	154	2986755	42.935	ng	99
47) 2-Chloronaphthalene	13.222	162	2256603	43.403	ng	99
48) 2-Nitroaniline	13.428	65	700526	48.034	ng	95
49) Acenaphthylene	14.075	152	3846464	46.990	ng	100
50) Dimethylphthalate	13.816	163	2995229	43.521	ng	99
51) 2,6-Dinitrotoluene	13.934	165	665787	45.557	ng	100
52) Acenaphthene	14.428	154	2181964	42.046	ng	99
53) 3-Nitroaniline	14.263	138	417219	27.163	ng	98
54) 2,4-Dinitrophenol	14.475	184	853627	99.160	ng	95
55) Dibenzofuran	14.763	168	3471170	40.921	ng	99
56) 4-Nitrophenol	14.598	139	1202044	90.613	ng	98
57) 2,4-Dinitrotoluene	14.728	165	922417	46.269	ng	100
58) Fluorene	15.422	166	2823276	42.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	791251	44.773	ng	99
60) Diethylphthalate	15.204	149	3004493	42.362	ng	100
61) 4-Chlorophenyl-phenyle...	15.416	204	1368495	42.916	ng	99
62) 4-Nitroaniline	15.451	138	673721	41.433	ng	96
63) Azobenzene	15.716	77	2764248	42.405	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	533164	47.684	ng	97
66) n-Nitrosodiphenylamine	15.640	169	2446935	46.225	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	905183	46.668	ng	99
68) Hexachlorobenzene	16.451	284	1078014	46.772	ng	98
69) Atrazine	16.616	200	810319	60.104	ng	99
70) Pentachlorophenol	16.804	266	1487194	92.492	ng	99
71) Phenanthrene	17.204	178	4199363	43.405	ng	99
72) Anthracene	17.292	178	4256425	45.647	ng	99
73) Carbazole	17.581	167	3849468	42.251	ng	99
74) Di-n-butylphthalate	18.163	149	4687484	41.296	ng	100
75) Fluoranthene	19.286	202	4450170	38.675	ng	98
77) Benzidine	19.475	184	1112220	71.457	ng	100
78) Pyrene	19.663	202	4392711	56.291	ng	99
80) Butylbenzylphthalate	20.610	149	1647590	49.293	ng	96
81) Benzo(a)anthracene	21.575	228	3542965	46.421	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	754814	28.177	ng	99
83) Chrysene	21.645	228	3275917	44.801	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	2065674	42.157	ng	99
85) Di-n-octyl phthalate	22.792	149	3130152	39.295	ng	100
87) Indeno(1,2,3-cd)pyrene	28.733	276	4225283	50.388	ng	96
88) Benzo(b)fluoranthene	23.886	252	3252383	44.922	ng	99
89) Benzo(k)fluoranthene	23.951	252	3212113	45.930	ng	100
90) Benzo(a)pyrene	24.780	252	3099830	49.635	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	3511403	50.449	ng	98
92) Benzo(g,h,i)perylene	29.933	276	3482393	49.155	ng	99

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

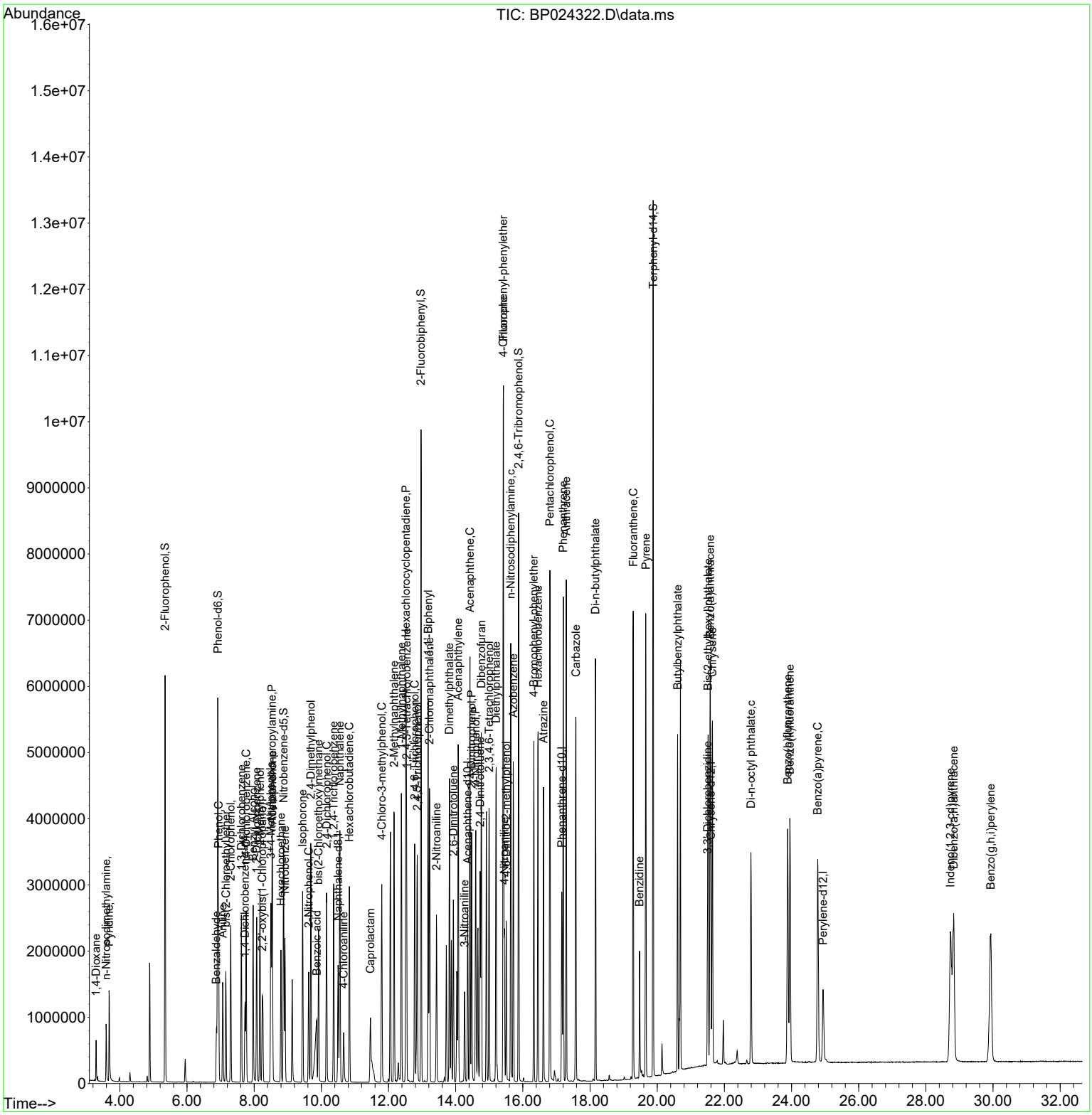
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024322.D
Acq On : 17 Apr 2025 11:51
Operator : RC/JU
Sample : PB167564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 17 12:18:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167564BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024323.D
Acq On : 17 Apr 2025 12:32
Operator : RC/JU
Sample : PB167564BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 17 12:56:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167564BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	302883	20.000	ng	0.02
21) Naphthalene-d8	10.504	136	1314398	20.000	ng	0.02
39) Acenaphthene-d10	14.363	164	875504	20.000	ng	0.01
64) Phenanthrene-d10	17.157	188	1837449	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1940224	20.000	ng	0.00
86) Perylene-d12	24.945	264	1918974	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2617757	142.905	ng	0.01
7) Phenol-d6	6.916	99	3442715	137.254	ng	0.02
23) Nitrobenzene-d5	8.881	82	2046050	88.762	ng	0.02
42) 2,4,6-Tribromophenol	15.875	330	1831246	151.179	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	4841796	84.675	ng	0.00
79) Terphenyl-d14	19.886	244	8693032	90.309	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	266140	34.349	ng	97
3) Pyridine	3.681	79	729195	35.641	ng	98
4) n-Nitrosodimethylamine	3.593	42	304169	44.796	ng	96
6) Aniline	7.069	93	977592	43.616	ng	100
8) 2-Chlorophenol	7.299	128	1025260	50.130	ng	100
9) Benzaldehyde	6.875	77	263741	21.257	ng	100
10) Phenol	6.940	94	1284161	51.036	ng	97
11) bis(2-Chloroethyl)ether	7.158	93	909275	44.852	ng	99
12) 1,3-Dichlorobenzene	7.616	146	982467	44.621	ng	99
13) 1,4-Dichlorobenzene	7.763	146	1007346	45.092	ng	99
14) 1,2-Dichlorobenzene	8.075	146	982429	45.542	ng	100
15) Benzyl Alcohol	7.969	79	828445	51.072	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	1038203	47.378	ng	100
17) 2-Methylphenol	8.169	107	881157	54.134	ng	98
18) Hexachloroethane	8.793	117	375219	46.475	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	718298	46.289	ng	99
20) 3+4-Methylphenols	8.493	107	1206984	53.441	ng	99
22) Acetophenone	8.546	105	1455151	44.730	ng	100
24) Nitrobenzene	8.922	77	1045345	45.842	ng	100
25) Isophorone	9.440	82	2080987	49.875	ng	100
26) 2-Nitrophenol	9.622	139	557908	49.995	ng	99
27) 2,4-Dimethylphenol	9.687	122	1003038	71.584	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	1315176	46.660	ng	99
29) 2,4-Dichlorophenol	10.163	162	998582	52.267	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	938774	45.861	ng	99
31) Naphthalene	10.557	128	3017816	43.586	ng	99
32) Benzoic acid	9.857	122	835098m	51.148	ng	
33) 4-Chloroaniline	10.657	127	484538	19.872	ng	99
34) Hexachlorobutadiene	10.840	225	555424	46.175	ng	99
35) Caprolactam	11.469	113	376079m	53.348	ng	
36) 4-Chloro-3-methylphenol	11.799	107	1170976	52.620	ng	99
37) 2-Methylnaphthalene	12.163	142	1971746	41.063	ng	98
38) 1-Methylnaphthalene	12.387	142	2095327	44.606	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	1066625	44.301	ng	99
41) Hexachlorocyclopentadiene	12.522	237	1464235	171.955	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	808151	50.486	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024323.D
Acq On : 17 Apr 2025 12:32
Operator : RC/JU
Sample : PB167564BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 17 12:56:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167564BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	913031	51.508	ng	99
46) 1,1'-Biphenyl	13.181	154	2841421	44.153	ng	99
47) 2-Chloronaphthalene	13.228	162	2163828	44.988	ng	99
48) 2-Nitroaniline	13.434	65	698909	51.804	ng	99
49) Acenaphthylene	14.081	152	3739262	49.379	ng	100
50) Dimethylphthalate	13.822	163	3042218	47.782	ng	99
51) 2,6-Dinitrotoluene	13.934	165	686987	50.813	ng	97
52) Acenaphthene	14.428	154	2121498	44.191	ng	100
53) 3-Nitroaniline	14.269	138	434239	30.560	ng	98
54) 2,4-Dinitrophenol	14.487	184	930798	116.879	ng	100
55) Dibenzofuran	14.763	168	3422328	43.612	ng	99
56) 4-Nitrophenol	14.598	139	1367153	111.403	ng	98
57) 2,4-Dinitrotoluene	14.740	165	985672	53.445	ng	97
58) Fluorene	15.428	166	2815136	46.341	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	819400	50.120	ng	99
60) Diethylphthalate	15.198	149	3121191	47.571	ng	99
61) 4-Chlorophenyl-phenyle...	15.416	204	1380633	46.802	ng	99
62) 4-Nitroaniline	15.451	138	757647	50.367	ng	96
63) Azobenzene	15.716	77	2779156	46.085	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	590845	51.003	ng	99
66) n-Nitrosodiphenylamine	15.639	169	2553196	46.554	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	955330	47.539	ng	98
68) Hexachlorobenzene	16.445	284	1138569	47.680	ng	98
69) Atrazine	16.622	200	948667	67.916	ng	99
70) Pentachlorophenol	16.804	266	1667730	100.110	ng	98
71) Phenanthrene	17.204	178	4526959	45.162	ng	100
72) Anthracene	17.292	178	4645447	48.085	ng	99
73) Carbazole	17.581	167	4558890	48.296	ng	99
74) Di-n-butylphthalate	18.169	149	5765574	49.026	ng	100
75) Fluoranthene	19.292	202	5545317	46.515	ng	99
77) Benzidine	19.486	184	1998211	81.248	ng	100
78) Pyrene	19.669	202	5661848	45.918	ng	100
80) Butylbenzylphthalate	20.616	149	2712595	51.361	ng	96
81) Benzo(a)anthracene	21.580	228	5744445	47.634	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	1340459	31.668	ng	100
83) Chrysene	21.651	228	5299827	45.871	ng	100
84) Bis(2-ethylhexyl)phtha...	21.522	149	3796363	49.034	ng	99
85) Di-n-octyl phthalate	22.798	149	6244844	49.614	ng	99
87) Indeno(1,2,3-cd)pyrene	28.756	276	5581645	41.897	ng	94
88) Benzo(b)fluoranthene	23.898	252	5657100	49.181	ng	99
89) Benzo(k)fluoranthene	23.968	252	5487531	49.389	ng	100
90) Benzo(a)pyrene	24.792	252	5161830	52.024	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	4627739	41.850	ng	99
92) Benzo(g,h,i)perylene	29.927	276	4356459	38.705	ng	99

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

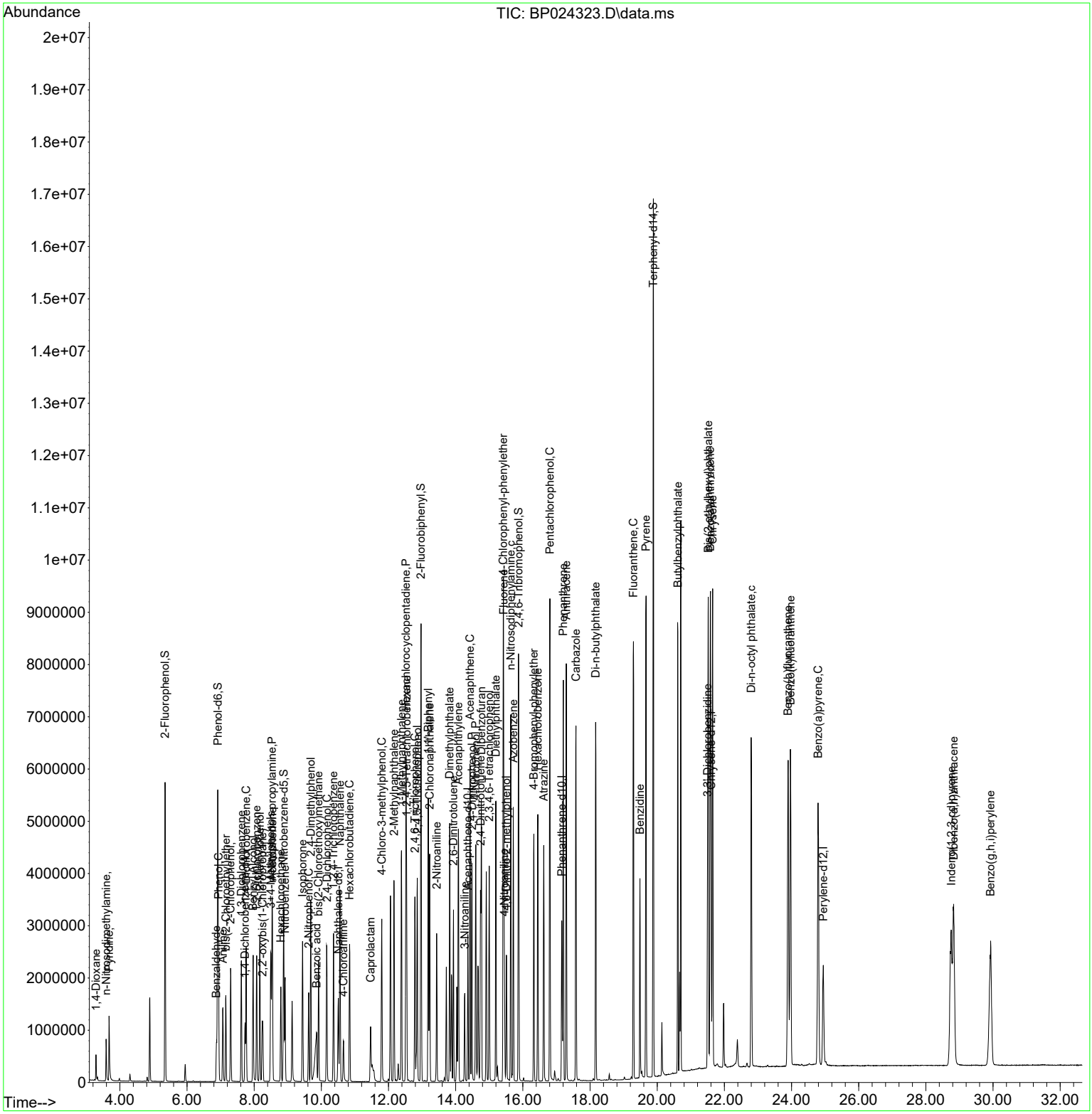
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024323.D
Acq On : 17 Apr 2025 12:32
Operator : RC/JU
Sample : PB167564BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 17 12:56:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167564BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	bp041425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024276.D	Benzaldehyde	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC005	BP024276.D	Benzidine	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzaldehyde	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzoic acid	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC020	BP024278.D	Benzoic acid	Rahul	4/15/2025 9:46:28 AM	Jagrut	4/15/2025 10:52:44 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Pyridine	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Benzoic acid	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Pyridine	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzidine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzoic acid	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Pyridine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp041425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICV040	BP024283.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:50:13 AM	Jagrut	4/15/2025 10:52:54 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP041625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1762-02	BP024318.D	Caprolactam	Rahul	4/17/2025 10:27:23 AM	Jagrut	4/17/2025 12:29:27 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp041725	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024320.D	Benzoic acid	Rahul	4/18/2025 10:38:45 AM	Jagrut	4/18/2025 11:14:31 AM	Peak Integrated by Software
PB167564BS	BP024322.D	Benzoic acid	Rahul	4/18/2025 10:38:48 AM	Jagrut	4/18/2025 11:14:34 AM	Peak Integrated by Software
PB167564BSD	BP024323.D	Benzoic acid	Rahul	4/18/2025 10:38:51 AM	Jagrut	4/18/2025 11:14:37 AM	Peak Integrated by Software
PB167564BSD	BP024323.D	Caprolactam	Rahul	4/18/2025 10:38:51 AM	Jagrut	4/18/2025 11:14:37 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM		
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM		
SubDirectory	BP041425	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024274.D	14 Apr 2025 10:25	RC/JU	Ok
2	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06	RC/JU	Ok
3	SSTDICC005	BP024276.D	14 Apr 2025 11:47	RC/JU	Ok,M
4	SSTDICC010	BP024277.D	14 Apr 2025 12:27	RC/JU	Ok,M
5	SSTDICC020	BP024278.D	14 Apr 2025 13:08	RC/JU	Ok,M
6	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	RC/JU	Ok
7	SSTDICC050	BP024280.D	14 Apr 2025 15:10	RC/JU	Ok,M
8	SSTDICC060	BP024281.D	14 Apr 2025 16:32	RC/JU	Ok,M
9	SSTDICC080	BP024282.D	14 Apr 2025 17:13	RC/JU	Ok,M
10	SSTDICV040	BP024283.D	14 Apr 2025 18:35	RC/JU	Ok,M
11	PB167488TB	BP024284.D	14 Apr 2025 19:16	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041625

Review By	Rahul	Review On	4/17/2025 10:27:49 AM		
Supervise By	Jagrut	Supervise On	4/17/2025 12:29:39 PM		
SubDirectory	BP041625	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024303.D	16 Apr 2025 09:02	RC/JU	Ok
2	SSTDCCC040	BP024304.D	16 Apr 2025 09:43	RC/JU	Ok
3	PB167606BL	BP024305.D	16 Apr 2025 10:23	RC/JU	Ok
4	PB167606BS	BP024306.D	16 Apr 2025 11:04	RC/JU	Ok,M
5	PB167599BS	BP024307.D	16 Apr 2025 11:45	RC/JU	Ok
6	PB167599BSD	BP024308.D	16 Apr 2025 12:26	RC/JU	Ok,M
7	PB167564BL	BP024309.D	16 Apr 2025 13:07	RC/JU	Ok
8	Q1788-04	BP024310.D	16 Apr 2025 13:52	RC/JU	Ok
9	Q1800-03	BP024311.D	16 Apr 2025 14:32	RC/JU	Ok
10	Q1808-02	BP024312.D	16 Apr 2025 15:13	RC/JU	Ok
11	Q1808-04	BP024313.D	16 Apr 2025 15:54	RC/JU	Ok
12	Q1791-09	BP024314.D	16 Apr 2025 16:35	RC/JU	Ok,M
13	Q1791-10	BP024315.D	16 Apr 2025 17:16	RC/JU	ReRun
14	Q1791-11	BP024316.D	16 Apr 2025 17:57	RC/JU	Ok
15	Q1791-12	BP024317.D	16 Apr 2025 18:38	RC/JU	Ok
16	Q1762-02	BP024318.D	16 Apr 2025 19:18	RC/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041725

Review By	Rahul	Review On	4/18/2025 11:15:20 AM		
Supervise By	Jagrut	Supervise On	4/18/2025 11:15:32 AM		
SubDirectory	BP041725	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024319.D	17 Apr 2025 09:49	RC/JU	Ok
2	SSTDCCC040	BP024320.D	17 Apr 2025 10:30	RC/JU	Ok,M
3	PB167599BL	BP024321.D	17 Apr 2025 11:10	RC/JU	Ok
4	PB167564BS	BP024322.D	17 Apr 2025 11:51	RC/JU	Ok,M
5	PB167564BSD	BP024323.D	17 Apr 2025 12:32	RC/JU	Ok,M
6	Q1791-10RE	BP024324.D	17 Apr 2025 13:18	RC/JU	Confirms
7	Q1791-13RE	BP024325.D	17 Apr 2025 13:59	RC/JU	Confirms
8	Q1821-01	BP024326.D	17 Apr 2025 14:40	RC/JU	Ok
9	Q1821-01MS	BP024327.D	17 Apr 2025 15:20	RC/JU	Ok,M
10	Q1821-01MSD	BP024328.D	17 Apr 2025 16:01	RC/JU	Ok,M
11	Q1825-01	BP024329.D	17 Apr 2025 16:42	RC/JU	ReRun
12	Q1812-02	BP024330.D	17 Apr 2025 17:23	RC/JU	Ok
13	Q1812-03	BP024331.D	17 Apr 2025 18:03	RC/JU	ReRun
14	Q1826-03	BP024332.D	17 Apr 2025 18:44	RC/JU	ReRun
15	Q1826-05	BP024333.D	17 Apr 2025 19:25	RC/JU	Ok
16	Q1818-03	BP024334.D	17 Apr 2025 20:06	RC/JU	Ok,M
17	Q1825-04	BP024335.D	17 Apr 2025 20:46	RC/JU	Dilution

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM		
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM		
SubDirectory	BP041425	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024274.D	14 Apr 2025 10:25		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024276.D	14 Apr 2025 11:47	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024277.D	14 Apr 2025 12:27		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024278.D	14 Apr 2025 13:08		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	This calibration is fail for Com#77	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024280.D	14 Apr 2025 15:10	This calibration is good for 8270E, 8270 DOD and 625.1 methods except Compound#77	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP024281.D	14 Apr 2025 16:32	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP024282.D	14 Apr 2025 17:13	Compound #69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP041425	BP024283.D	14 Apr 2025 18:35		RC/JU	Ok,M
11	PB167488TB	PB167488TB	BP024284.D	14 Apr 2025 19:16		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041625

Review By	Rahul	Review On	4/17/2025 10:27:49 AM		
Supervise By	Jagrut	Supervise On	4/17/2025 12:29:39 PM		
SubDirectory	BP041625	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024303.D	16 Apr 2025 09:02		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024304.D	16 Apr 2025 09:43		RC/JU	Ok
3	PB167606BL	PB167606BL	BP024305.D	16 Apr 2025 10:23		RC/JU	Ok
4	PB167606BS	PB167606BS	BP024306.D	16 Apr 2025 11:04		RC/JU	Ok,M
5	PB167599BS	PB167599BS	BP024307.D	16 Apr 2025 11:45		RC/JU	Ok
6	PB167599BSD	PB167599BSD	BP024308.D	16 Apr 2025 12:26		RC/JU	Ok,M
7	PB167564BL	PB167564BL	BP024309.D	16 Apr 2025 13:07		RC/JU	Ok
8	Q1788-04	WC-1	BP024310.D	16 Apr 2025 13:52		RC/JU	Ok
9	Q1800-03	WC-A4-01-C	BP024311.D	16 Apr 2025 14:32		RC/JU	Ok
10	Q1808-02	OILY-SOIL-PILE	BP024312.D	16 Apr 2025 15:13		RC/JU	Ok
11	Q1808-04	LAW-25-0060	BP024313.D	16 Apr 2025 15:54		RC/JU	Ok
12	Q1791-09	VB16193	BP024314.D	16 Apr 2025 16:35		RC/JU	Ok,M
13	Q1791-10	280722	BP024315.D	16 Apr 2025 17:16	Internal Standards and surrogates Failed	RC/JU	ReRun
14	Q1791-11	280791	BP024316.D	16 Apr 2025 17:57		RC/JU	Ok
15	Q1791-12	V1207	BP024317.D	16 Apr 2025 18:38		RC/JU	Ok
16	Q1762-02	MW5	BP024318.D	16 Apr 2025 19:18		RC/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041725

Review By	Rahul	Review On	4/18/2025 11:15:20 AM		
Supervise By	Jagrut	Supervise On	4/18/2025 11:15:32 AM		
SubDirectory	BP041725	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024319.D	17 Apr 2025 09:49		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024320.D	17 Apr 2025 10:30		RC/JU	Ok,M
3	PB167599BL	PB167599BL	BP024321.D	17 Apr 2025 11:10		RC/JU	Ok
4	PB167564BS	PB167564BS	BP024322.D	17 Apr 2025 11:51		RC/JU	Ok,M
5	PB167564BSD	PB167564BSD	BP024323.D	17 Apr 2025 12:32		RC/JU	Ok,M
6	Q1791-10RE	280722RE	BP024324.D	17 Apr 2025 13:18	Internal Standards and surrogates Failed	RC/JU	Confirms
7	Q1791-13RE	279312RE	BP024325.D	17 Apr 2025 13:59	Internal Standards and surrogates Failed	RC/JU	Confirms
8	Q1821-01	SOIL-CUTTING	BP024326.D	17 Apr 2025 14:40		RC/JU	Ok
9	Q1821-01MS	SOIL-CUTTINGMS	BP024327.D	17 Apr 2025 15:20		RC/JU	Ok,M
10	Q1821-01MSD	SOIL-CUTTINGMSD	BP024328.D	17 Apr 2025 16:01		RC/JU	Ok,M
11	Q1825-01	TP-9	BP024329.D	17 Apr 2025 16:42	Internal Standard Fail	RC/JU	ReRun
12	Q1812-02	RINSE-EB-TANK-0415	BP024330.D	17 Apr 2025 17:23		RC/JU	Ok
13	Q1812-03	RINSE-EB-PUMP-0415	BP024331.D	17 Apr 2025 18:03	Internal Standard Fail	RC/JU	ReRun
14	Q1826-03	CONCRETE-PILE	BP024332.D	17 Apr 2025 18:44	Internal Standard Fail	RC/JU	ReRun
15	Q1826-05	CONCRETE-FLOOR	BP024333.D	17 Apr 2025 19:25		RC/JU	Ok
16	Q1818-03	RT-3873	BP024334.D	17 Apr 2025 20:06		RC/JU	Ok,M
17	Q1825-04	TP-10	BP024335.D	17 Apr 2025 20:46	Need 20X Dilution	RC/JU	Dilution

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167564

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	04/11/2025
Matrix :	Water			**Extraction Start Time :**	08:32
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	04/11/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:25
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**Supervisor By :**	rajesh

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3926
Baked Na2SO4	N/A	EP2599
10N NaoH	N/A	EP2569
H2SO4 1:1	N/A	EP2865
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	Water bath -01	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/11/25	RP (Ext. Lab)	RC/SVOC
13:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167564

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 04/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167564BL	SBLK564	SVOC-TCL BNA -20	1000	6	ritesh	rajesh	1			SEP-08
PB167564BS	SLCS564	SVOC-TCL BNA -20	1000	6	ritesh	rajesh	1			09
PB167564BSD	SLCSD564	SVOC-TCL BNA -20	1000	6	ritesh	rajesh	1			10
Q1762-02	MW5	SVOC-TCL BNA -20	1000	6	ritesh	rajesh	1	C		11

4/11/25

* **Extracts relinquished on the same date as received.**

Q1762

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1773 **WorkList ID :** 188867 **Department :** Extraction **Date :** 04-11-2025 08:11:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1762-02	MW5	Water	SVOC-TCL BNA -20	Cool 4 deg C	GENV01	L31	04/09/2025	8270E
Q1773-02	BP-TT-190D2-GW-20250407	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	F11	04/07/2025	8270-Modified
Q1773-03	BP-TT-190D1-GW-20250409	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	F11	04/07/2025	8270-Modified

Date/Time 04/11/25 8:30
Raw Sample Received by: RJ (Ext Tech)
Raw Sample Relinquished by: JD (SM)

Date/Time 04/11/25 8:50
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: RJ (Ext Tech)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q1762	**OrderDate:**	4/9/2025 2:47:49 PM
Client:	G Environmental	**Project:**	ANN
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1762-02	**MW5**	**Water**			**04/09/25**			**04/09/25**
			SVOC-TCL BNA -20	8270E		04/11/25	04/16/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1762
COC Number 2045863

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GCP INC
ADDRESS: 8 CARRIAGE
CITY: SWEDESBORO STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ANN
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GCP INC PO#:
ADDRESS: 8 CARRIAGE
CITY STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- X NJ Reduced
- ☐ US EPA CLP
- ☐ NYSASP A
- ☐ NYS ASP B
- ☐ Other
- X EDD FORMAT haz Site Mobile

ANALYSIS

1: TCL VOA + TICs
2: TCL BNA + TICs
3. 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW4	GW		X	4/9/25	1310	2	X									
2.	MW5	GW		X	4/9/25	1245	4	X	X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/9/25 1345	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: If Cont 1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1762 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 4/9/2025 2:47:49 PM
Project Name : ANN
Receive DateTime : 4/9/2025 1:45:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1762-01	MW4	Water	04/09/2025	13:10					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1762-02	MW5	Water	04/09/2025	12:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days

YG 04/15/2025

Relinguished By :
Date / Time : 4-9-25 1525

Received By :
Date / Time : 4/9/25 1525

Storage Area : VOA Refridgerator Room