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

DATA PACKAGE

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : FORMER SCHLUMBERGER STC PTC SITE D3868221

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : Q2275

ATTENTION : John Ynfante

Laboratory Certification ID # 20012

Table Of Contents for Q2275

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name :Alliance Technical Group LLC

Client : JACOBS Engineering Group, Inc.

Project Location : Princeton Junction

Project Number : D3868221

Laboratory Sample ID(s) : Q2275

Sampling Date(s) : 6/08/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260-Low,8270-Modified,SFAM_VOCSIM,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 : Q2275

Project ID : Former Schlumberger STC PTC Site D3868221

Client : JACOBS Engineering Group, Inc.

Lab Sample Number	Client Sample Number
Q2275-01	OW-08B-72.5-060925
Q2275-02	OW-08B-72.5-060925-SIM
Q2275-03	EB01-060925
Q2275-04	EB01-060925-SIM
Q2275-05	TB01-060925

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 : _____ Date: 6/23/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2275
Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:
5 Water samples were received on 06/10/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1, VOC-TRACE-SFAM and VOCMS Group3. This data package contains results for VOCMS Group3.

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 VOCMS Group3 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 Initial Calibration met the requirements .

The Continuous Calibration File ID VX046657.D met the requirements except for Vinyl Chloride is failing marginally low while 1,2-Dichloroethane-d4 which is not our target compound, therefore no corrective action taken.

The Tuning criteria met requirements.

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.
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

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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_____

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2275
Test Name: VOC-SIM

A. Number of Samples and Date of Receipt:
5 Water samples were received on 06/10/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1, VOC-SIM, VOC-TRACE-SFAM and VOCMS Group3. This data package contains results for VOC-SIM.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_V were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOC-SIM was based on method SFAM_VOCSIM.

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

E. Additional Comments:

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

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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_____

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2275
Test Name: SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:
5 Water samples were received on 06/10/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1, VOC-SIM, VOC-TRACE-SFAM and VOCMS Group3. This data package contains results for SVOC-SIMGroup1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_N 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-SIMGroup1 was based on method 8270-Modified 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 except for,
EB01-060925 [Terphenyl-d14 - 134%]. This compound did not meet the NJDKQP criteria but met the in-house 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 Initial Calibration met the requirements.
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

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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_____

284 Sheffield Street, Mountainside NJ 07092 Tel.
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 #: Q2275

	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:** 06/23/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/08/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/10/25
Client Sample ID:	OW-08B-72.5-060925	SDG No.:	Q2275
Lab Sample ID:	Q2275-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046665.D	1		06/12/25 15:46	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-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
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	52.1		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	75900	5.568			
540-36-3	1,4-Difluorobenzene	134000	6.775			
3114-55-4	Chlorobenzene-d5	120000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	61900	12.024			

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/08/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/10/25
Client Sample ID:	EB01-060925	SDG No.:	Q2275
Lab Sample ID:	Q2275-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046667.D	1		06/12/25 16:32	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-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
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.3		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	56.6		70 (75) - 130 (124)	113%	SPK: 50
2037-26-5	Toluene-d8	54.4		70 (86) - 130 (113)	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68400	5.574			
540-36-3	1,4-Difluorobenzene	128000	6.775			
3114-55-4	Chlorobenzene-d5	115000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	59200	12.024			

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

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

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/08/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/10/25
Client Sample ID:	TB01-060925	SDG No.:	Q2275
Lab Sample ID:	Q2275-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046668.D	1		06/12/25 16:55	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-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
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.9		70 (74) - 130 (125)	84%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	46.0		70 (86) - 130 (113)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.1		70 (77) - 130 (121)	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87100	5.574			
540-36-3	1,4-Difluorobenzene	148000	6.775			
3114-55-4	Chlorobenzene-d5	136000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	70800	12.024			

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

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2275-01	OW-08B-72.5-060925	1,2-Dichloroethane-d4	50	50.4	101	70 (74)	130 (125)
		Dibromofluoromethane	50	53.9	108	70 (75)	130 (124)
		Toluene-d8	50	52.1	104	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.4	107	70 (77)	130 (121)
Q2275-03	EB01-060925	1,2-Dichloroethane-d4	50	55.3	111	70 (74)	130 (125)
		Dibromofluoromethane	50	56.6	113	70 (75)	130 (124)
		Toluene-d8	50	54.4	109	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.2	110	70 (77)	130 (121)
Q2275-05	TB01-060925	1,2-Dichloroethane-d4	50	41.9	84	70 (74)	130 (125)
		Dibromofluoromethane	50	47.6	95	70 (75)	130 (124)
		Toluene-d8	50	46.0	92	70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.1	92	70 (77)	130 (121)
VX0612WBL01	VX0612WBL01	1,2-Dichloroethane-d4	50	46.2	92	70 (74)	130 (125)
		Dibromofluoromethane	50	48.5	97	70 (75)	130 (124)
		Toluene-d8	50	52.4	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.6	109	70 (77)	130 (121)
VX0612WBS01	VX0612WBS01	1,2-Dichloroethane-d4	50	41.5	83	70 (74)	130 (125)
		Dibromofluoromethane	50	48.0	96	70 (75)	130 (124)
		Toluene-d8	50	47.8	96	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.1	96	70 (77)	130 (121)
VX0612WBSD0	VX0612WBSD01	1,2-Dichloroethane-d4	50	44.8	90	70 (74)	130 (125)
		Dibromofluoromethane	50	49.7	99	70 (75)	130 (124)
		Toluene-d8	50	48.3	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.5	101	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046660.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0612WBS01	Vinyl chloride	20	15.1	ug/L	76			70 (65)	130 (117)	
	1,1-Dichloroethene	20	17.3	ug/L	86			70 (74)	130 (110)	
	1,1-Dichloroethane	20	17.8	ug/L	89			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	18.1	ug/L	91			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	17.8	ug/L	89			70 (80)	130 (108)	
	Benzene	20	18.7	ug/L	94			70 (82)	130 (109)	
	1,2-Dichloroethane	20	17.6	ug/L	88			70 (80)	130 (115)	
	Trichloroethene	20	18.5	ug/L	93			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	20.6	ug/L	103			70 (83)	130 (112)	
	Tetrachloroethene	20	18.9	ug/L	95			70 (67)	130 (123)	

( ) = LABORATORY INHOUSE LIMIT

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046662.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0612WBSD01	Vinyl chloride	20	15.3	ug/L	77	1		70 (65)	130 (117)	20 (19)
	1,1-Dichloroethene	20	17.2	ug/L	86	0		70 (74)	130 (110)	20 (20)
	1,1-Dichloroethane	20	18.4	ug/L	92	3		70 (78)	130 (112)	20 (20)
	cis-1,2-Dichloroethene	20	19.0	ug/L	95	4		70 (77)	130 (110)	20 (20)
	1,1,1-Trichloroethane	20	18.4	ug/L	92	3		70 (80)	130 (108)	20 (20)
	Benzene	20	19.0	ug/L	95	1		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	19.1	ug/L	96	9		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.9	ug/L	95	2		70 (77)	130 (113)	20 (15)
	1,1,2-Trichloroethane	20	22.1	ug/L	111	7		70 (83)	130 (112)	20 (20)
	Tetrachloroethene	20	18.5	ug/L	93	2		70 (67)	130 (123)	20 (15)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0612WBL01

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: VX046659.D Lab Sample ID: VX0612WBL01

Date Analyzed: 06/12/2025 Time Analyzed: 13:10

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
VX0612WBS01	VX0612WBS01	VX046660.D	06/12/2025
VX0612WBSD01	VX0612WBSD01	VX046662.D	06/12/2025
OW-08B-72.5-060925	Q2275-01	VX046665.D	06/12/2025
EB01-060925	Q2275-03	VX046667.D	06/12/2025
TB01-060925	Q2275-05	VX046668.D	06/12/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: VX046516.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:47

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	21
75	30.0 - 60.0% of mass 95	56.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (1) 1
174	50.0 - 100.0% of mass 95	65.2
175	5.0 - 9.0% of mass 174	5 (7.7) 1
176	95.0 - 101.0% of mass 174	62.7 (96.1) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 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
VSTDICC005	VSTDICC005	VX046518.D	06/06/2025	09:42
VSTDICC020	VSTDICC020	VX046519.D	06/06/2025	10:18
VSTDICCC050	VSTDICCC050	VX046520.D	06/06/2025	10:40
VSTDICC100	VSTDICC100	VX046521.D	06/06/2025	11:02
VSTDICC150	VSTDICC150	VX046522.D	06/06/2025	11:25
VSTDICC001	VSTDICC001	VX046524.D	06/06/2025	12:57

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: VX046656.D BFB Injection Date: 06/12/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:44

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	19.2
75	30.0 - 60.0% of mass 95	51
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	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.9 (8.1) 1
176	95.0 - 101.0% of mass 174	72.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.6 (6.3) 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	VX046657.D	06/12/2025	10:11
VX0612WBL01	VX0612WBL01	VX046659.D	06/12/2025	13:10
VX0612WBS01	VX0612WBS01	VX046660.D	06/12/2025	13:38
VX0612WBSD01	VX0612WBSD01	VX046662.D	06/12/2025	14:26
OW-08B-72.5-060925	Q2275-01	VX046665.D	06/12/2025	15:46
EB01-060925	Q2275-03	VX046667.D	06/12/2025	16:32
TB01-060925	Q2275-05	VX046668.D	06/12/2025	16:55

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: VX046657.D Date Analyzed: 06/12/2025

Instrument ID: MSVOA_X Time Analyzed: 10:11

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	82603	5.56	125406	6.77	118101	10.06
UPPER LIMIT	165206	6.056	250812	7.269	236202	10.555
LOWER LIMIT	41301.5	5.056	62703	6.269	59050.5	9.555
EPA SAMPLE NO.						
OW-08B-72.5-060925	75942	5.57	133627	6.78	120396	10.06
EB01-060925	68445	5.57	127742	6.78	114769	10.06
TB01-060925	87075	5.57	148474	6.78	135692	10.06
VX0612WBL01	92224	5.57	180952	6.78	188641	10.06
VX0612WBS01	85578	5.56	144622	6.77	130715	10.06
VX0612WBSD01	77335	5.57	133427	6.78	124864	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: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: VX046657.D Date Analyzed: 06/12/2025

Instrument ID: MSVOA_X Time Analyzed: 10:11

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

	IS4 AREA #	RT #				
12 HOUR STD	60636	12.018				
UPPER LIMIT	121272	12.518				
LOWER LIMIT	30318	11.518				
EPA SAMPLE NO.						
OW-08B-72.5-060925	61889	12.02				
EB01-060925	59204	12.02				
TB01-060925	70754	12.02				
VX0612WBL01	95358	12.02				
VX0612WBS01	69016	12.02				
VX0612WBSD01	65393	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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0612WBL01	SDG No.:	Q2275
Lab Sample ID:	VX0612WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046659.D	1		06/12/25 13:10	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-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
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.2		70 (74) - 130 (125)	92%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	52.4		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	92200	5.568			
540-36-3	1,4-Difluorobenzene	181000	6.775			
3114-55-4	Chlorobenzene-d5	189000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	95400	12.024			

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0612WBS01	SDG No.:	Q2275
Lab Sample ID:	VX0612WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046660.D	1		06/12/25 13:38	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	15.1		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.8		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.1		0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.8		0.20	1.00	ug/L
71-43-2	Benzene	18.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.5		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.6		0.21	1.00	ug/L
127-18-4	Tetrachloroethene	18.9		0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.5		70 (74) - 130 (125)	83%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	47.8		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		70 (77) - 130 (121)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	85600	5.556			
540-36-3	1,4-Difluorobenzene	145000	6.769			
3114-55-4	Chlorobenzene-d5	131000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	69000	12.018			

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

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0612WBSD01	SDG No.:	Q2275
Lab Sample ID:	VX0612WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046662.D	1		06/12/25 14:26	VX061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	15.3		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.4		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.4		0.20	1.00	ug/L
71-43-2	Benzene	19.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.1		0.21	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.8		70 (74) - 130 (125)	90%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	48.3		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	77300	5.568			
540-36-3	1,4-Difluorobenzene	133000	6.775			
3114-55-4	Chlorobenzene-d5	125000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	65400	12.024			

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

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

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG No.: Q2275

Instrument ID: MSVOA_X Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:42 12:57

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

LAB FILE ID: RRF005 = VX046518.D RRF020 = VX046519.D RRF050 = VX046520.D
RRF100 = VX046521.D RRF150 = VX046522.D RRF001 = VX046524.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Vinyl Chloride	0.697	0.593	0.596	0.591	0.622	0.679	0.630	7.5
1,1-Dichloroethene	0.663	0.550	0.567	0.561	0.585	0.635	0.594	7.6
1,1-Dichloroethane	1.349	1.266	1.259	1.234	1.297	1.281	1.281	3.1
cis-1,2-Dichloroethene	0.786	0.752	0.741	0.728	0.767	0.866	0.773	6.4
1,1,1-Trichloroethane	1.170	1.131	1.141	1.128	1.188	1.131	1.148	2.2
Benzene	1.597	1.503	1.427	1.380	1.442	1.522	1.479	5.3
1,2-Dichloroethane	0.646	0.641	0.610	0.586	0.602	0.606	0.615	3.8
Trichloroethene	0.385	0.356	0.351	0.332	0.354	0.476	0.376	13.8
1,1,2-Trichloroethane	0.375	0.389	0.366	0.356	0.372	0.331	0.365	5.4
Tetrachloroethene	0.347	0.324	0.310	0.301	0.314	0.410	0.334	12.1
1,2-Dichloroethane-d4	0.997	0.848	0.873	0.828	0.900		0.890	7.4
Dibromofluoromethane	0.392	0.353	0.368	0.347	0.379		0.368	5
Toluene-d8	1.362	1.159	1.188	1.132	1.220		1.212	7.4
4-Bromofluorobenzene	0.564	0.482	0.493	0.468	0.501		0.502	7.4

* 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: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG No.: Q2275

Instrument ID: MSVOA_X Calibration Date/Time: 06/12/2025 10:11

Lab File ID: VX046657.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:42 12:57

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.630	0.498		-20.95	20
1,1-Dichloroethene	0.594	0.579		-2.53	20
1,1-Dichloroethane	1.281	1.183	0.1	-7.65	20
cis-1,2-Dichloroethene	0.773	0.764		-1.16	20
1,1,1-Trichloroethane	1.148	1.075		-6.36	20
Benzene	1.479	1.498		1.28	20
1,2-Dichloroethane	0.615	0.566		-7.97	20
Trichloroethene	0.376	0.394		4.79	20
1,1,2-Trichloroethane	0.365	0.423		15.89	20
Tetrachloroethene	0.334	0.342		2.39	20
1,2-Dichloroethane-d4	0.890	0.711		-20.11	20
Dibromofluoromethane	0.368	0.434		17.93	20
Toluene-d8	1.212	1.368		12.87	20
4-Bromofluorobenzene	0.502	0.561		11.75	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\VX061225\
Data File : VX046665.D
Acq On : 12 Jun 2025 15:46
Operator : JC/MD
Sample : Q2275-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

Quant Time: Jun 13 01:45:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

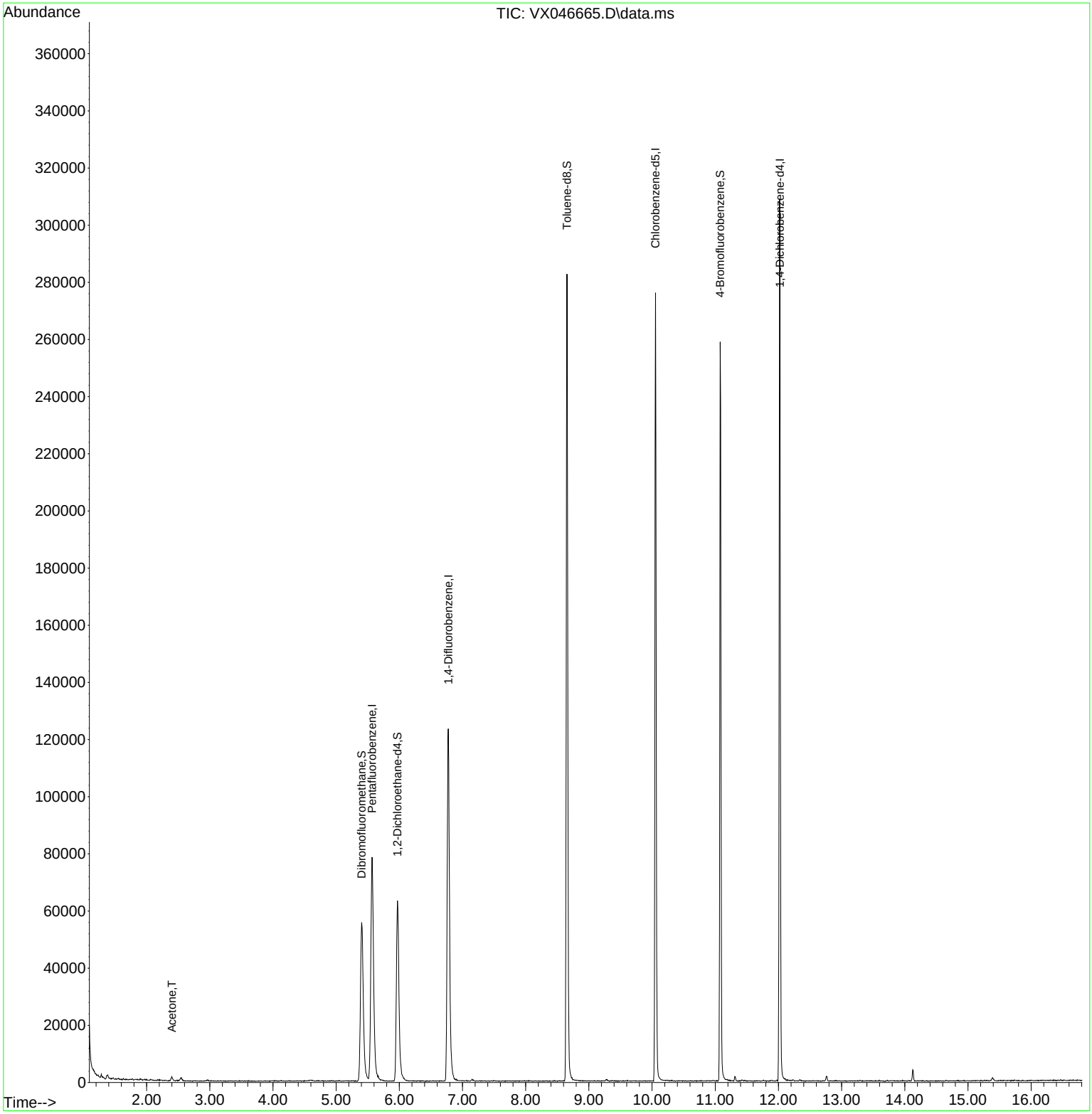
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	75942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	133627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	68098	50.402	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	5.403	113	52947	53.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.760%			
50) Toluene-d8	8.653	98	168786	52.098	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.200%			
62) 4-Bromofluorobenzene	11.079	95	71637	53.442	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.880%			
Target Compounds						Qvalue
16) Acetone	2.398	43	1798	7.921	ug/l #	86

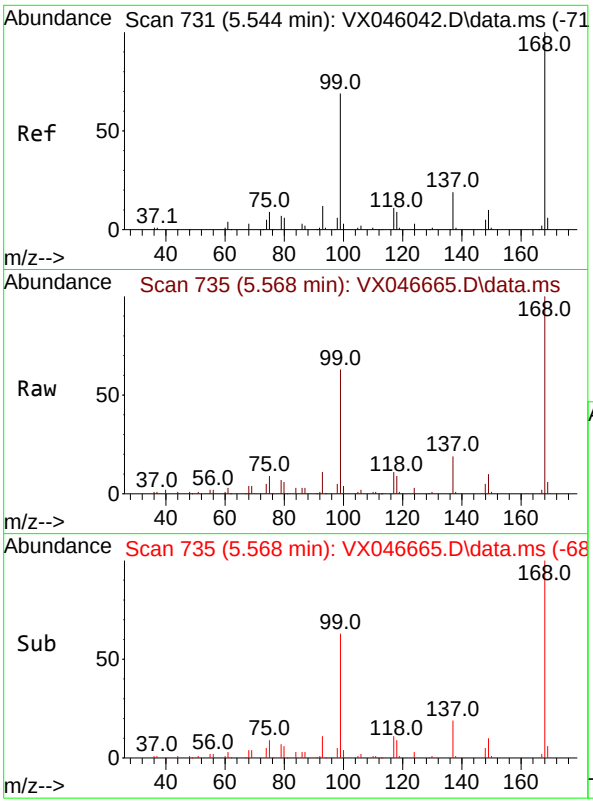
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046665.D
Acq On : 12 Jun 2025 15:46
Operator : JC/MD
Sample : Q2275-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

Quant Time: Jun 13 01:45:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



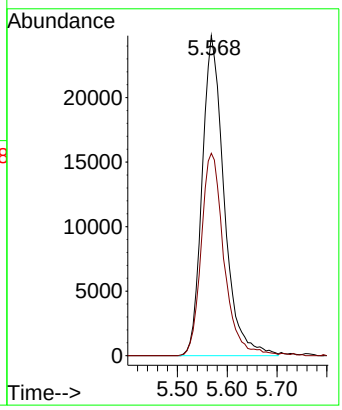


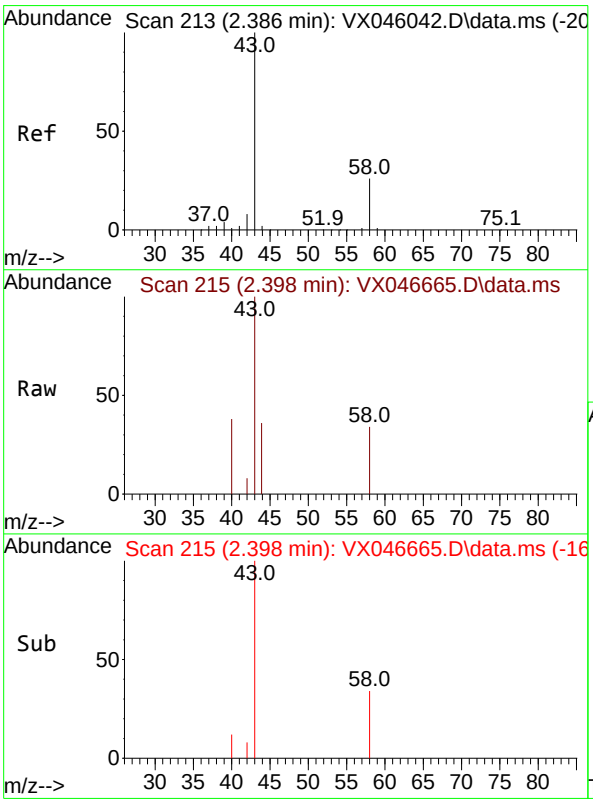
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion:168 Resp: 75942

Ion	Ratio	Lower	Upper
168	100		
99	63.3	54.9	82.3

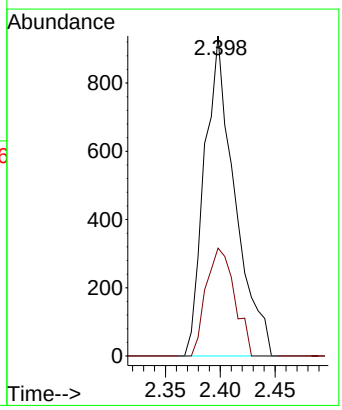


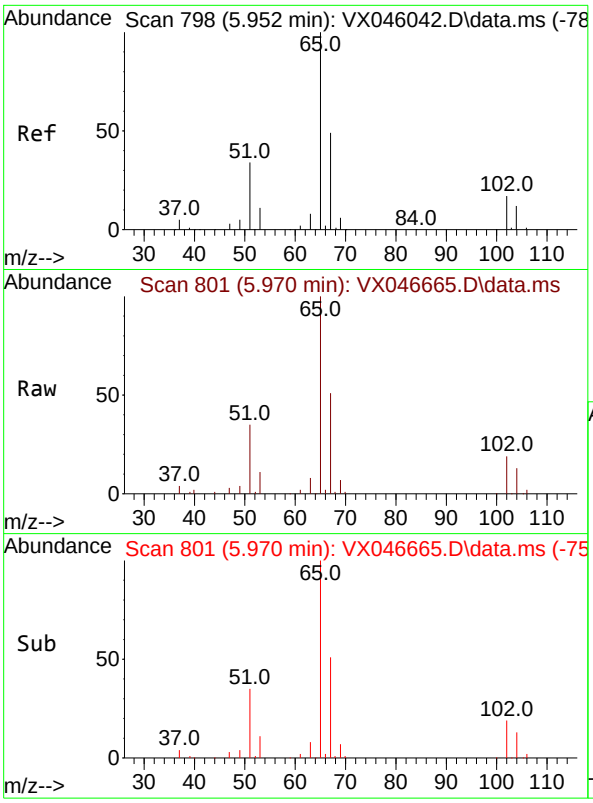


#16
Acetone
Concen: 7.921 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion: 43 Resp: 1798

Ion	Ratio	Lower	Upper
43	100		
58	33.7	21.2	31.8#



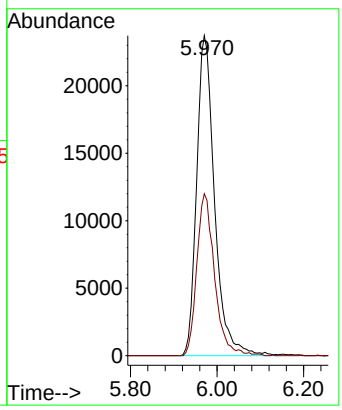


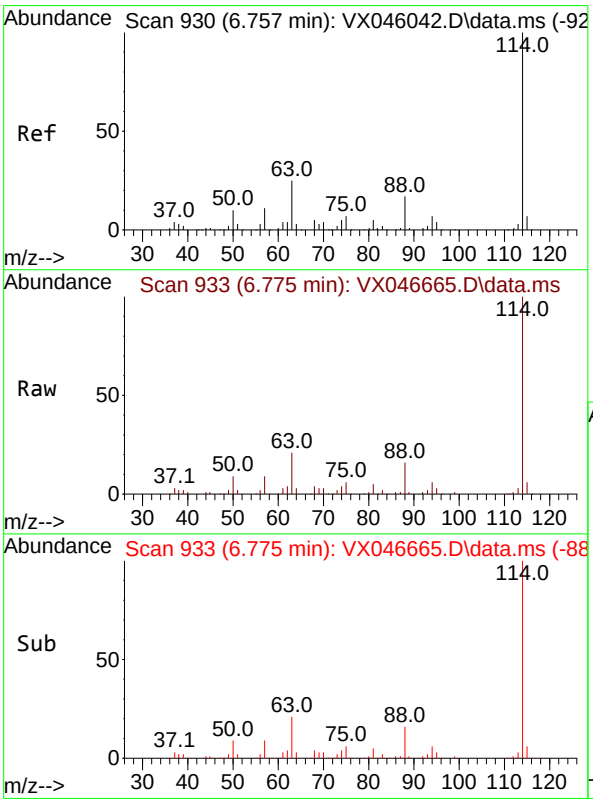
#33
1,2-Dichloroethane-d4
Concen: 50.402 ug/l
RT: 5.970 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion: 65 Resp: 68098

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	99.0

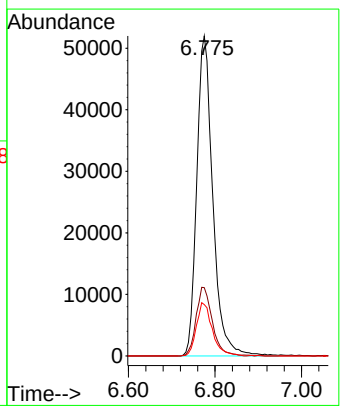


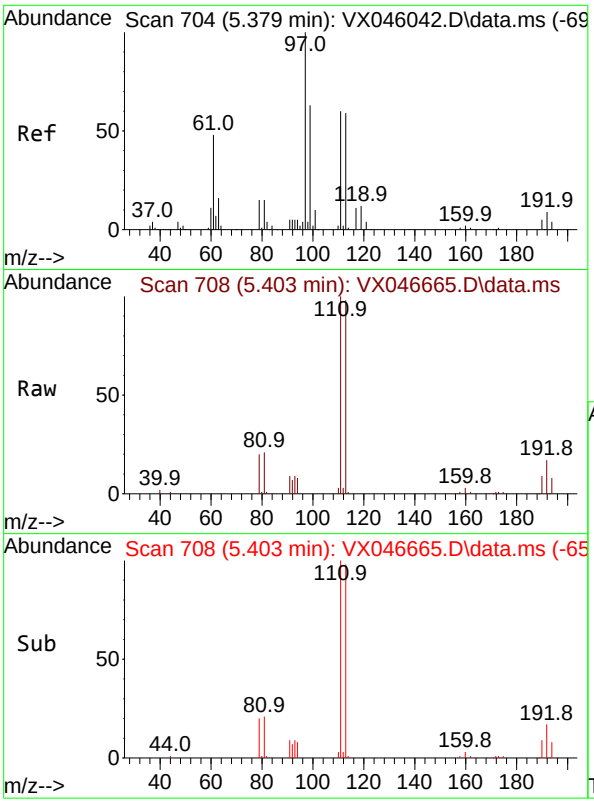


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion:114 Resp: 133627

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	49.2
88	16.1	0.0	33.6



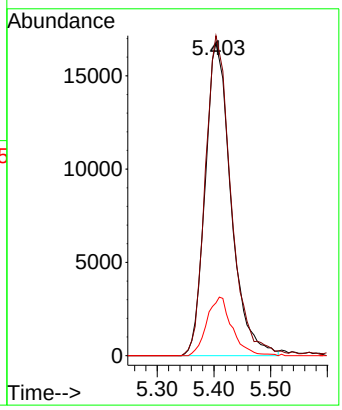


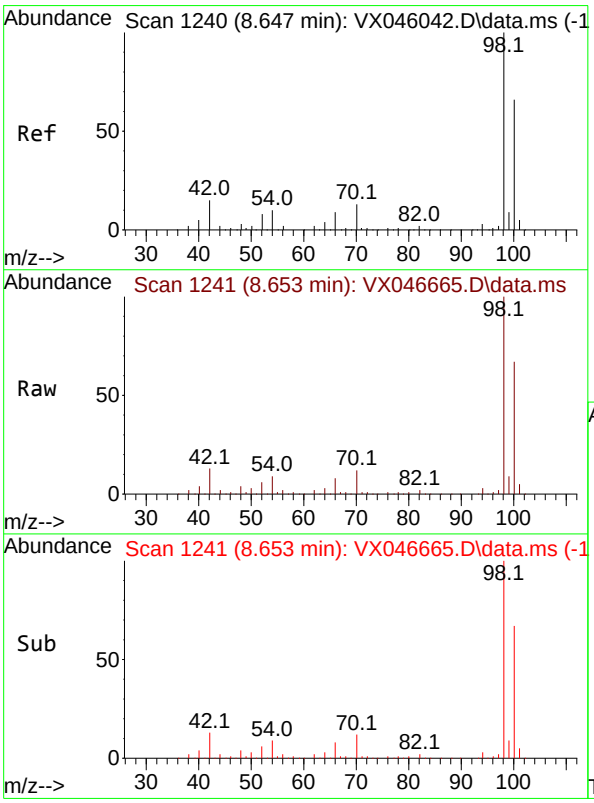
#35
Dibromofluoromethane
Concen: 53.880 ug/l
RT: 5.403 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion:113 Resp: 52947

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.1	124.7
192	18.3	13.3	19.9

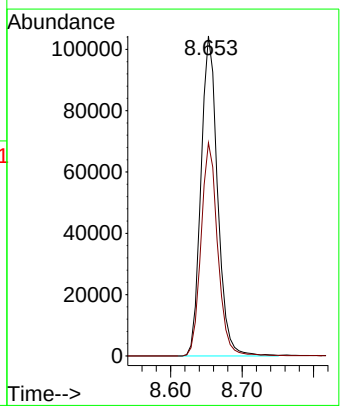


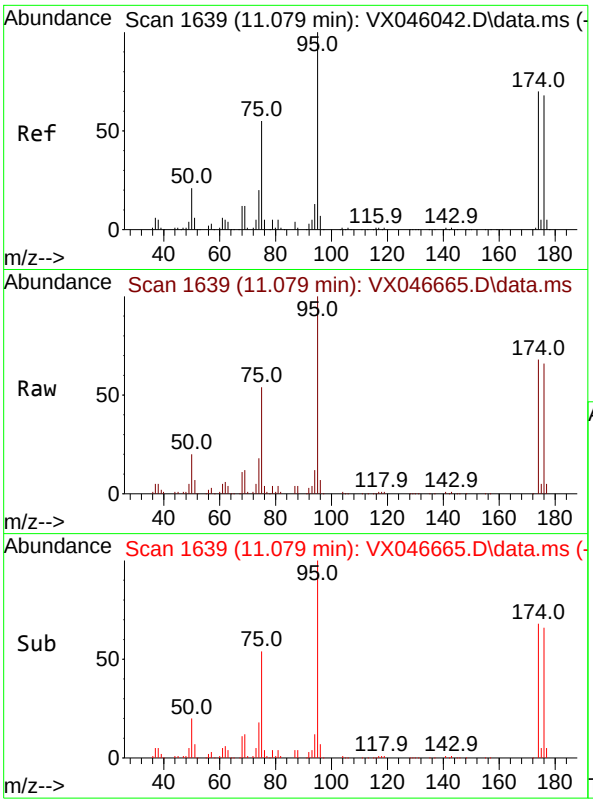


#50
Toluene-d8
Concen: 52.098 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion: 98 Resp: 168786

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.5	80.3



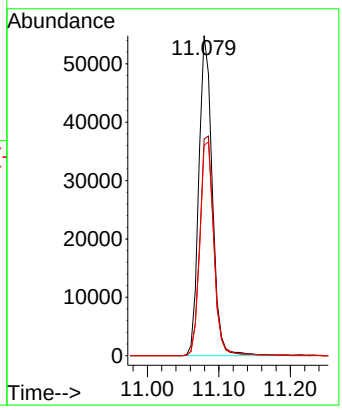


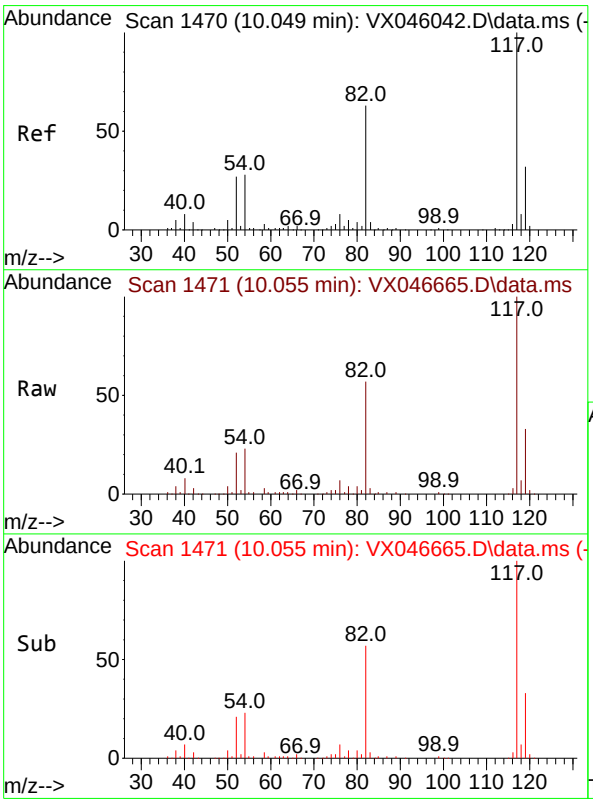
#62
4-Bromofluorobenzene
Concen: 53.442 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion: 95 Resp: 71637

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	135.8
176	68.9	0.0	131.4

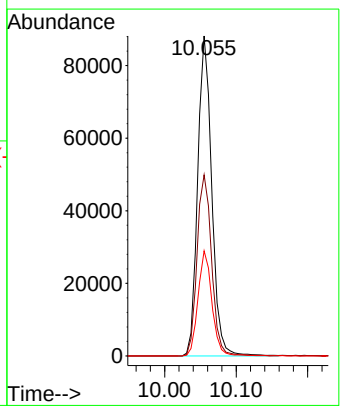


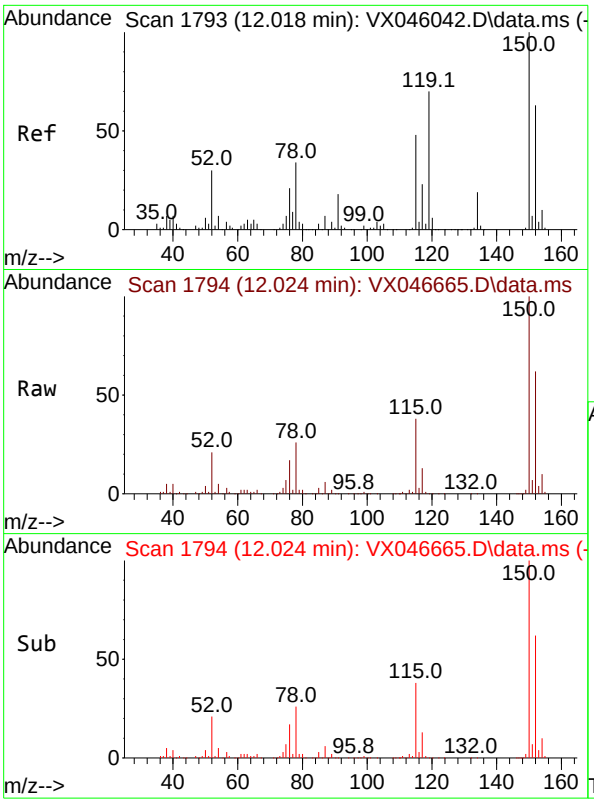


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Tgt Ion:117 Resp: 120396

Ion	Ratio	Lower	Upper
117	100		
82	56.6	50.6	76.0
119	32.9	25.8	38.6



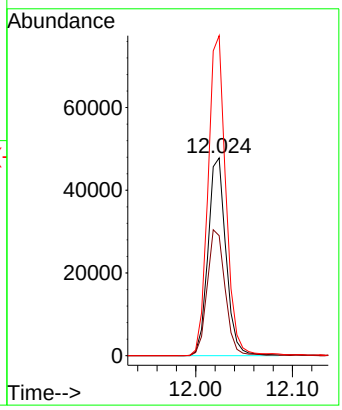


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046665.D
Acq: 12 Jun 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion:152 Resp: 61889

Ion	Ratio	Lower	Upper
152	100		
115	63.9	46.9	140.7
150	161.2	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046667.D
Acq On : 12 Jun 2025 16:32
Operator : JC/MD
Sample : Q2275-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB01-060925

Quant Time: Jun 13 01:46:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

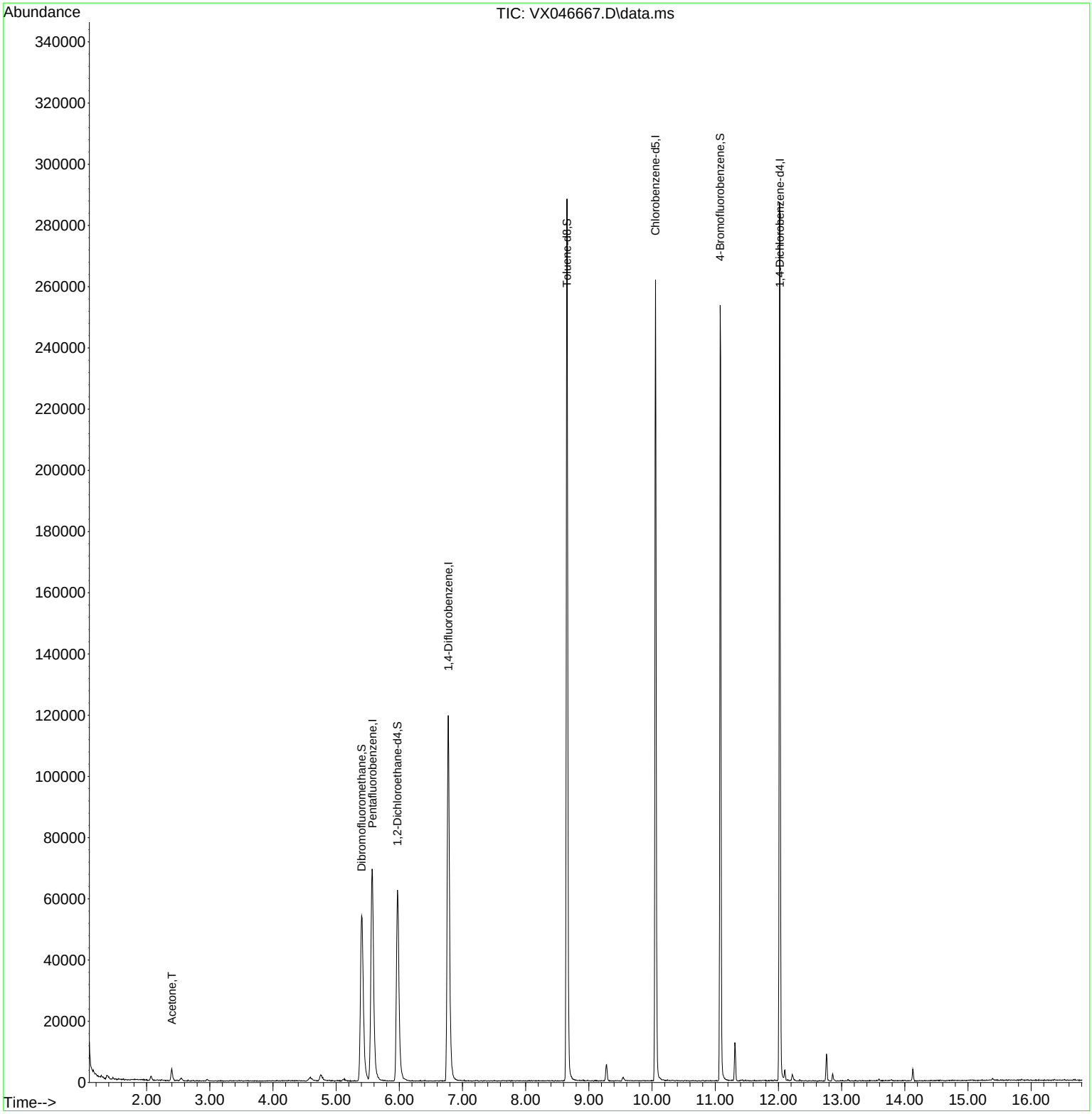
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.574	168	68445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	127742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	67313	55.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.560%			
35) Dibromofluoromethane	5.403	113	53151	56.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.160%			
50) Toluene-d8	8.653	98	168357	54.359	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.720%			
62) 4-Bromofluorobenzene	11.079	95	70746	55.209	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.420%			
Target Compounds						Qvalue
16) Acetone	2.398	43	4909	14.672	ug/l	97

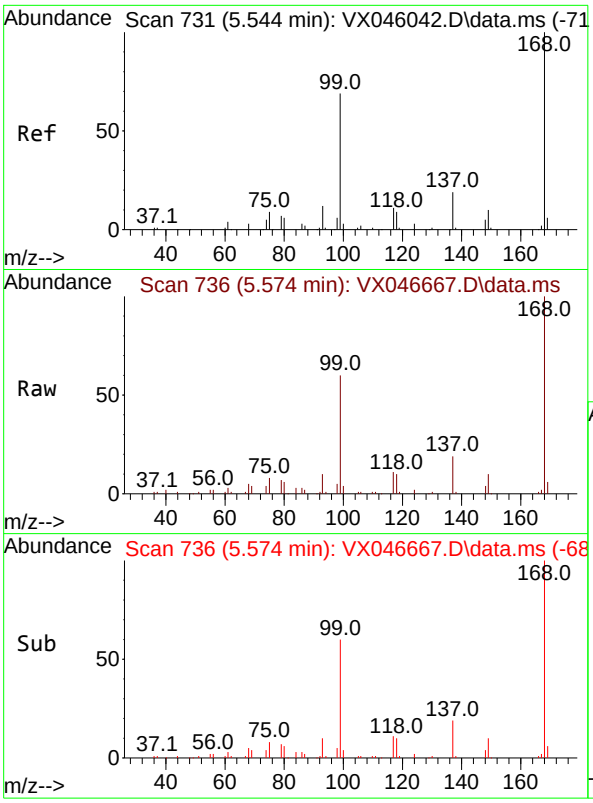
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046667.D
Acq On : 12 Jun 2025 16:32
Operator : JC/MD
Sample : Q2275-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB01-060925

Quant Time: Jun 13 01:46:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



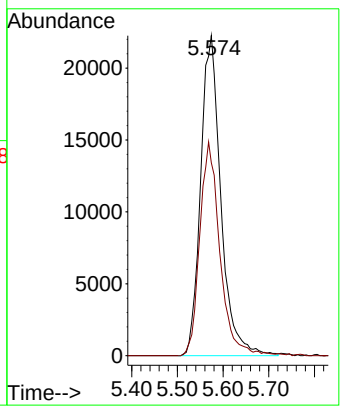


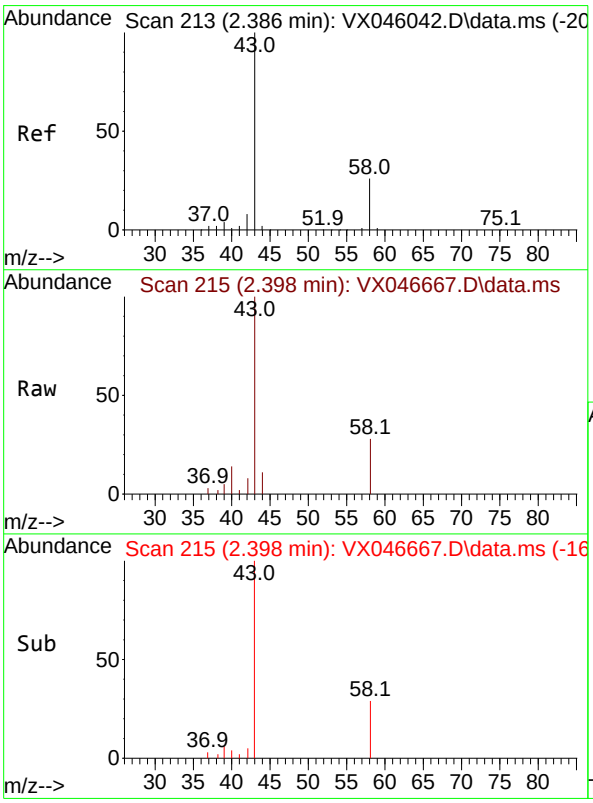
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046667.D
Acq: 12 Jun 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
EB01-060925

Tgt Ion:168 Resp: 68445

Ion	Ratio	Lower	Upper
168	100		
99	60.3	54.9	82.3

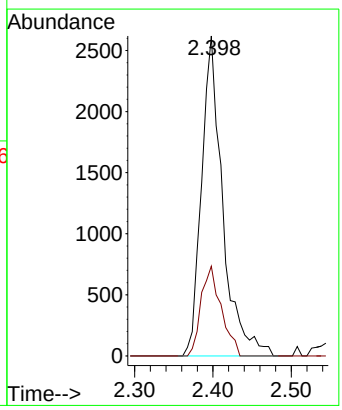


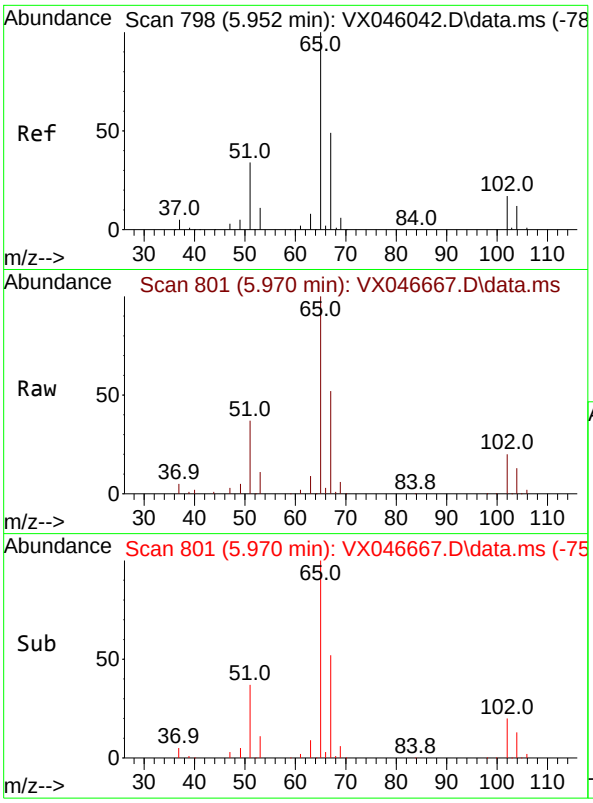


#16
Acetone
Concen: 14.672 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046667.D
Acq: 12 Jun 2025 16:32

Tgt Ion: 43 Resp: 4909

Ion	Ratio	Lower	Upper
43	100		
58	28.0	21.2	31.8



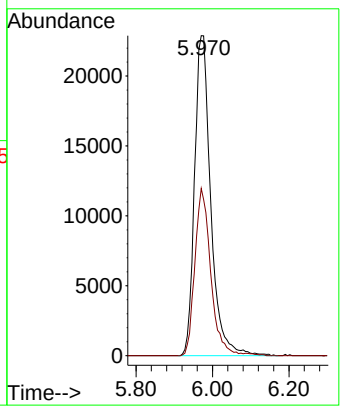


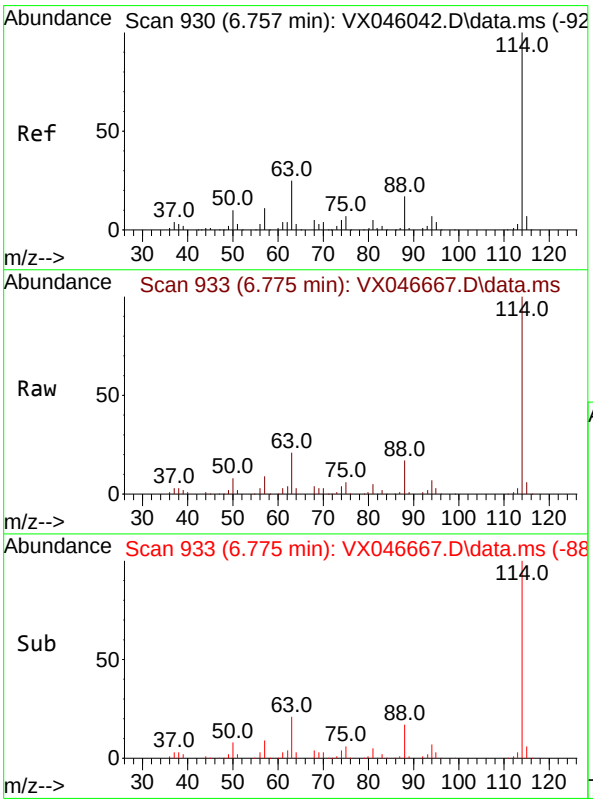
#33
1,2-Dichloroethane-d4
Concen: 55.279 ug/l
RT: 5.970 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046667.D
Acq: 12 Jun 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
EB01-060925

Tgt Ion: 65 Resp: 67313

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.0

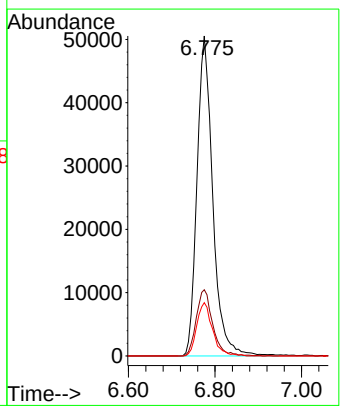


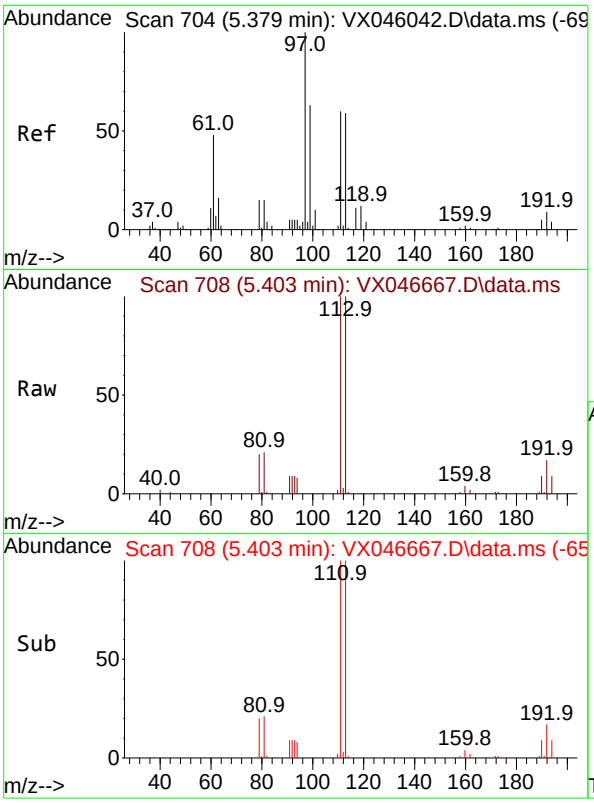


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: VX046667.D
Acq: 12 Jun 2025 16:32

Tgt Ion:114 Resp: 127742

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	49.2
88	16.7	0.0	33.6



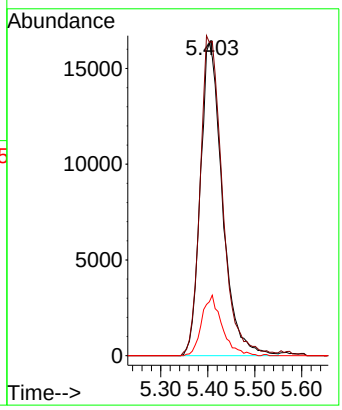


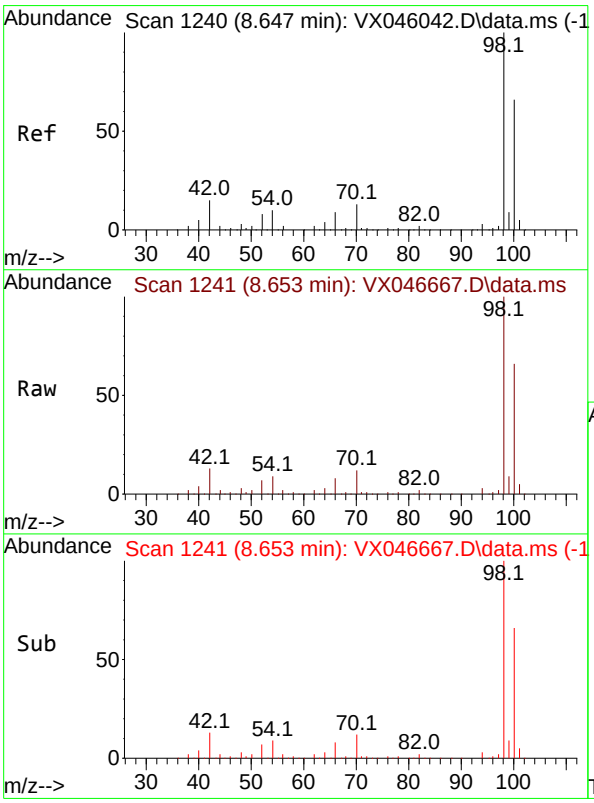
#35
Dibromofluoromethane
Concen: 56.579 ug/l
RT: 5.403 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046667.D
Acq: 12 Jun 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
EB01-060925

Tgt Ion:113 Resp: 53151

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.1	124.7
192	17.8	13.3	19.9

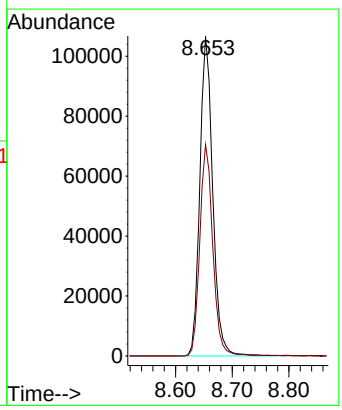


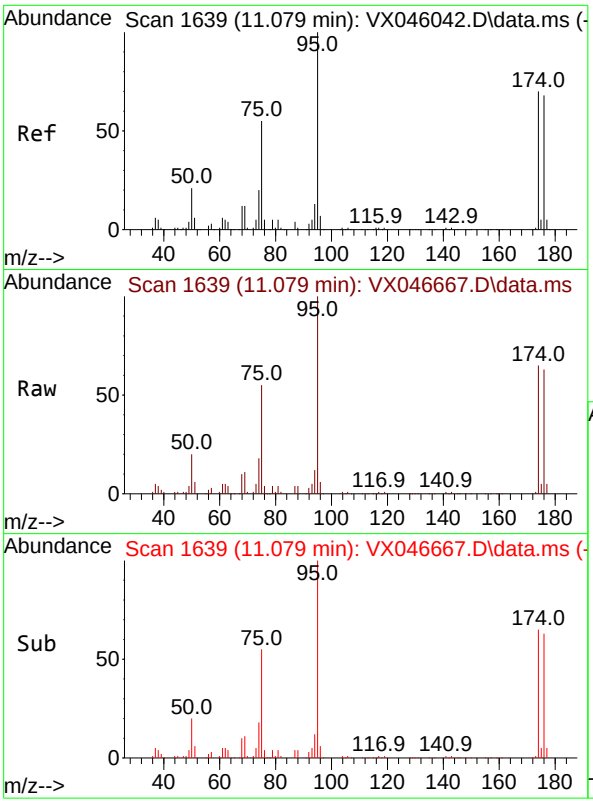


#50
Toluene-d8
Concen: 54.359 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046667.D
Acq: 12 Jun 2025 16:32

Tgt Ion: 98 Resp: 168357

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.5	80.3



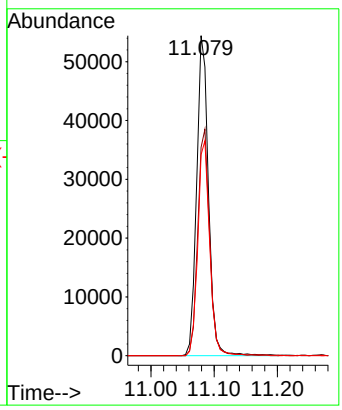


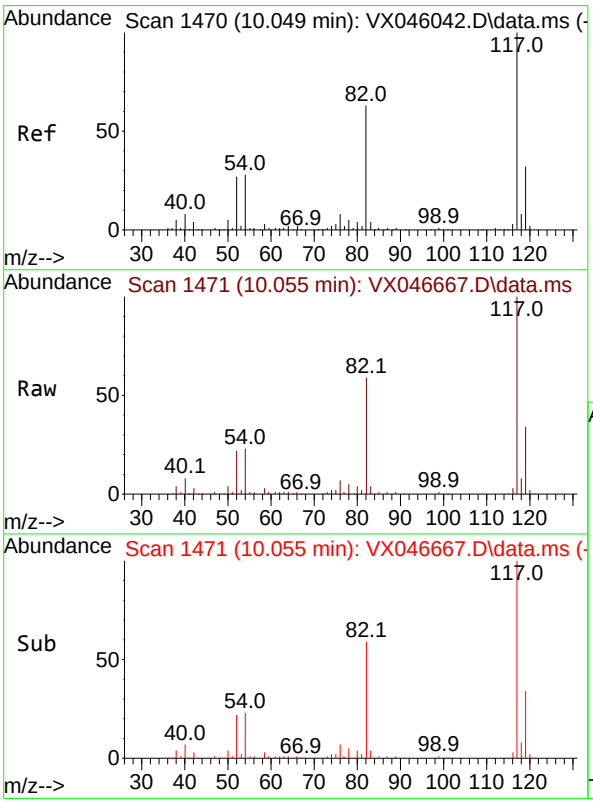
#62
4-Bromofluorobenzene
Concen: 55.209 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046667.D
Acq: 12 Jun 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
EB01-060925

Tgt Ion: 95 Resp: 70746

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	135.8
176	67.8	0.0	131.4

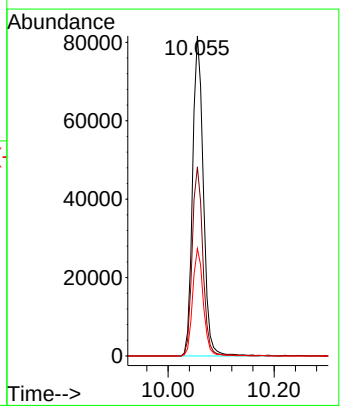


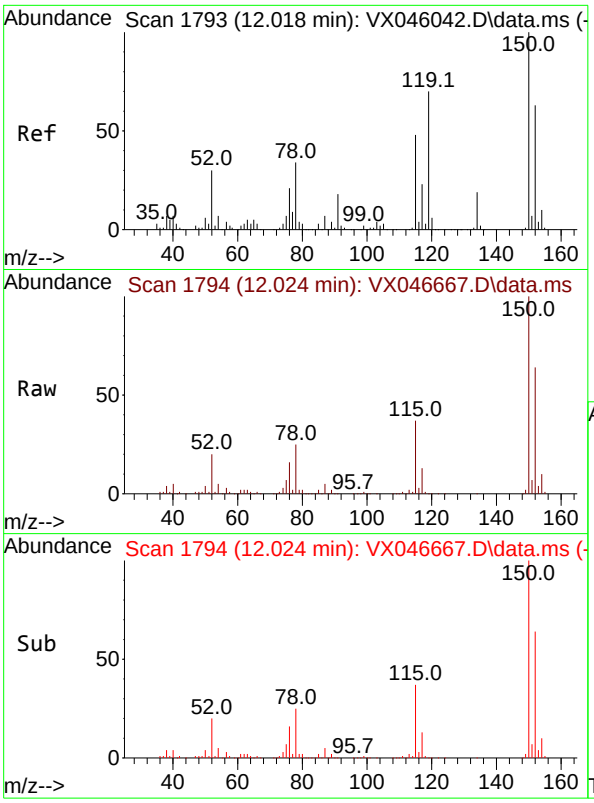


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046667.D
Acq: 12 Jun 2025 16:32

Tgt Ion:117 Resp: 114769

Ion	Ratio	Lower	Upper
117	100		
82	59.1	50.6	76.0
119	33.5	25.8	38.6



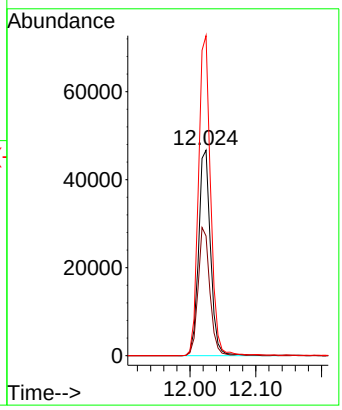


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046667.D
Acq: 12 Jun 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
EB01-060925

Tgt Ion:152 Resp: 59204

Ion	Ratio	Lower	Upper
152	100		
115	61.1	46.9	140.7
150	157.1	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046668.D
Acq On : 12 Jun 2025 16:55
Operator : JC/MD
Sample : Q2275-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

Quant Time: Jun 13 01:46:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

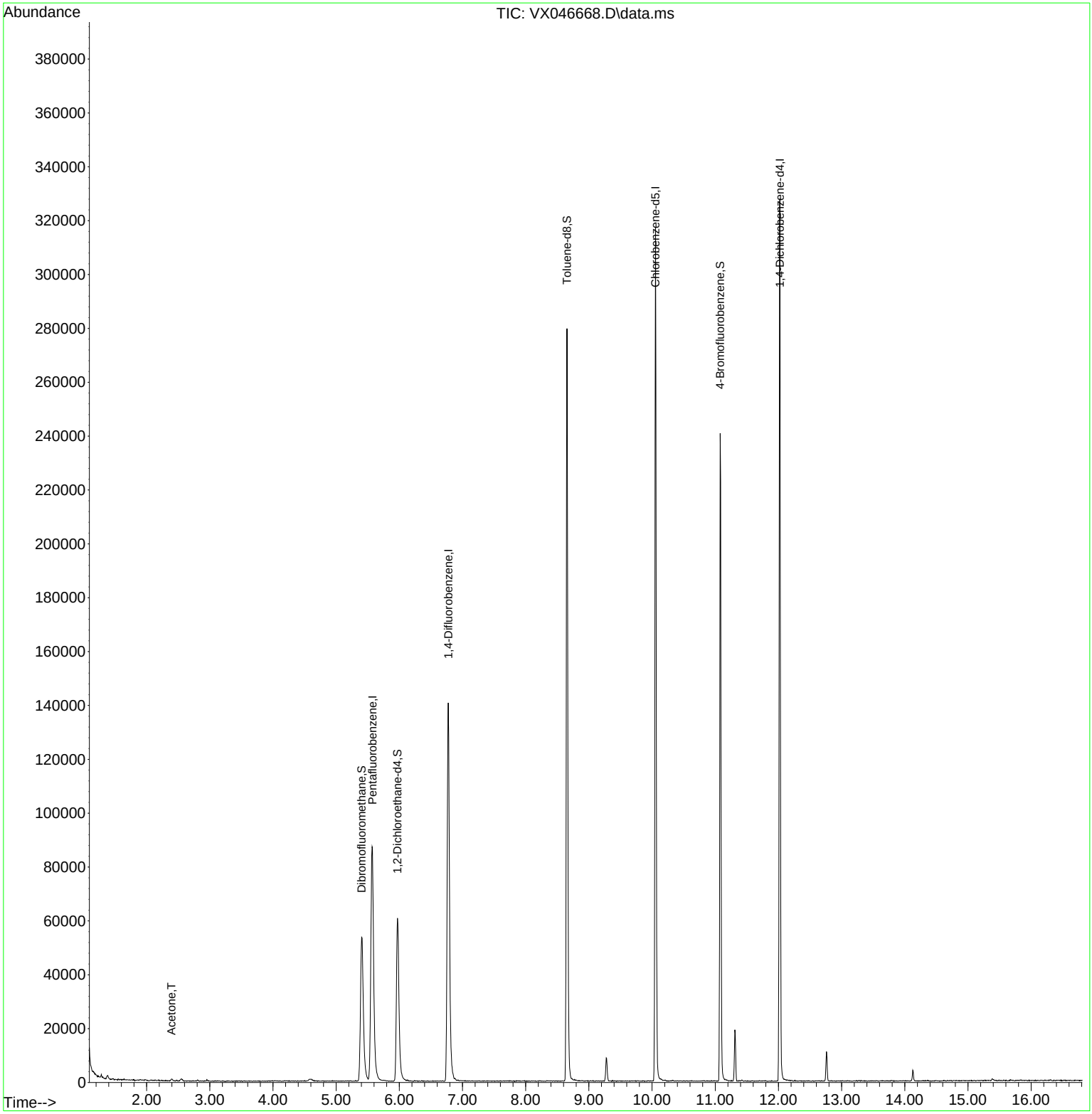
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.574	168	87075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	148474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	64851	41.862	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.720%			
35) Dibromofluoromethane	5.403	113	51974	47.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.200%			
50) Toluene-d8	8.653	98	165485	45.971	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.940%			
62) 4-Bromofluorobenzene	11.079	95	68623	46.075	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.140%			
Target Compounds						Qvalue
16) Acetone	2.392	43	999	6.206	ug/l	90

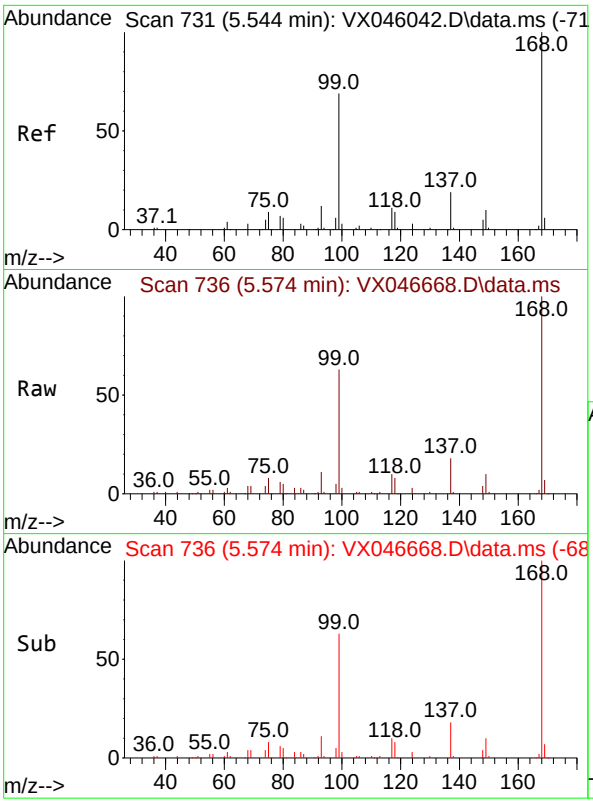
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046668.D
Acq On : 12 Jun 2025 16:55
Operator : JC/MD
Sample : Q2275-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

Quant Time: Jun 13 01:46:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



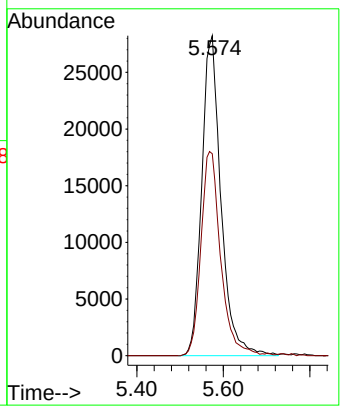


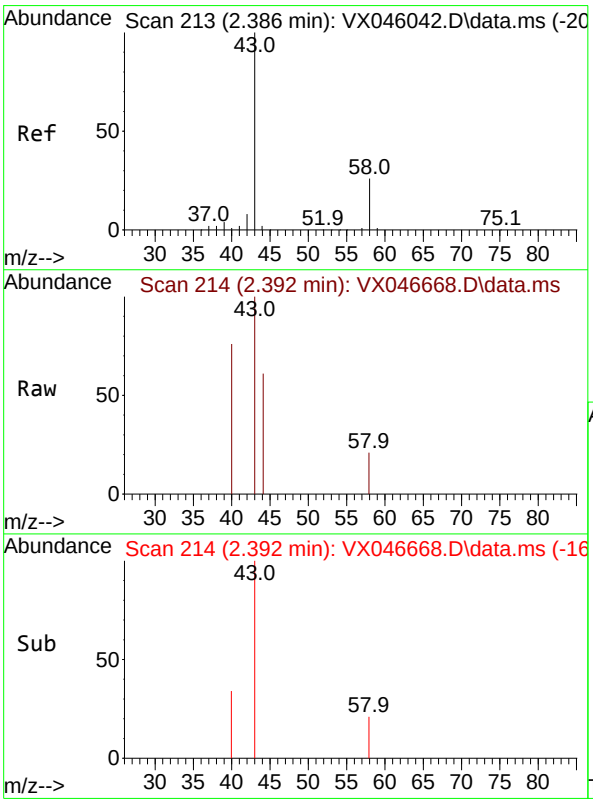
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

Tgt Ion:168 Resp: 87075

Ion	Ratio	Lower	Upper
168	100		
99	63.1	54.9	82.3

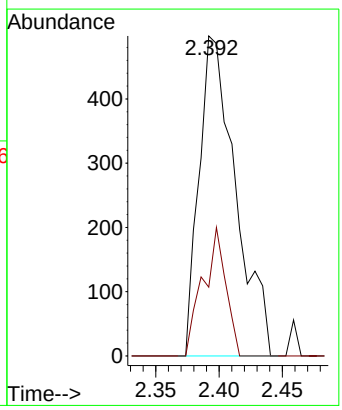


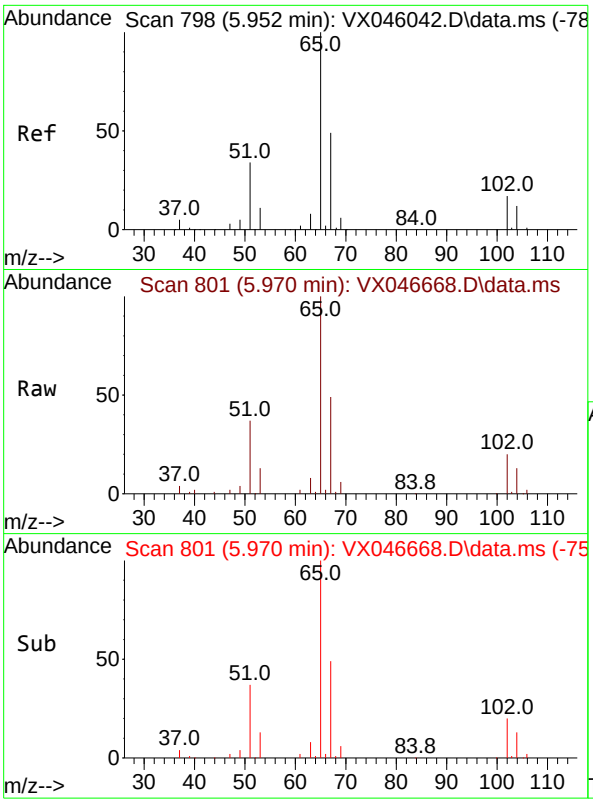


#16
Acetone
Concen: 6.206 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Tgt Ion: 43 Resp: 999

Ion	Ratio	Lower	Upper
43	100		
58	21.5	21.2	31.8



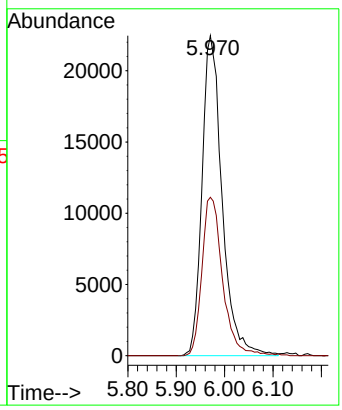


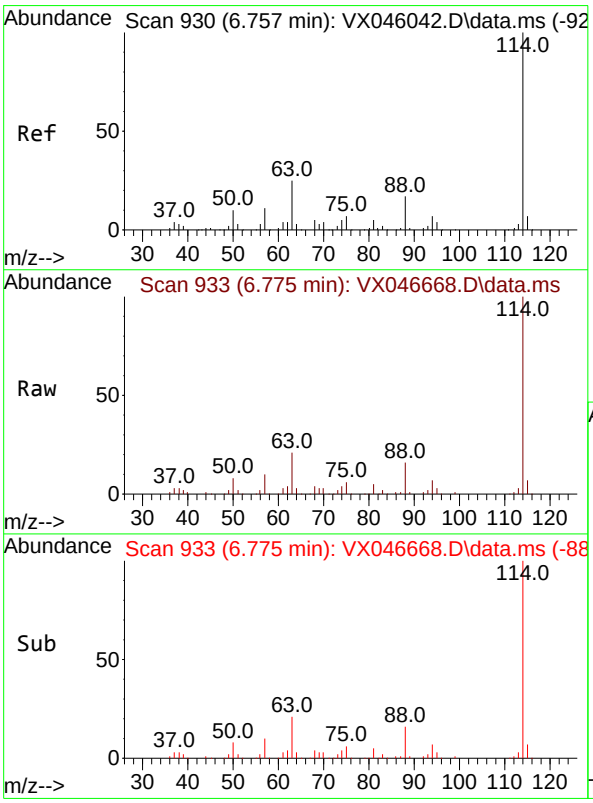
#33
1,2-Dichloroethane-d4
Concen: 41.862 ug/l
RT: 5.970 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

Tgt Ion: 65 Resp: 64851

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.0

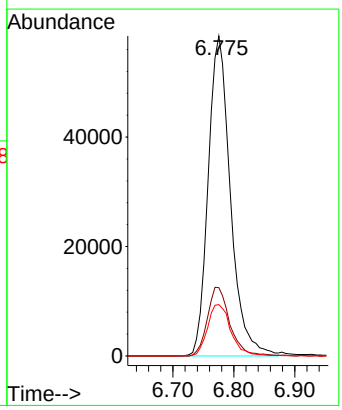


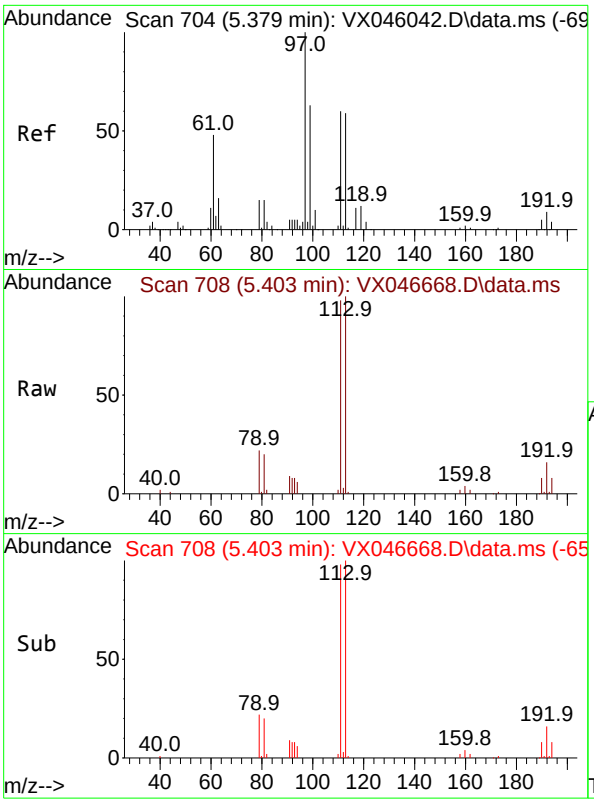


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Tgt Ion:114 Resp: 148474

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	49.2
88	16.1	0.0	33.6



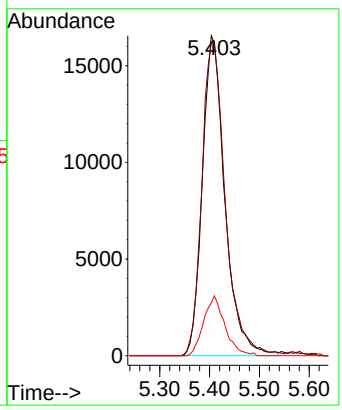


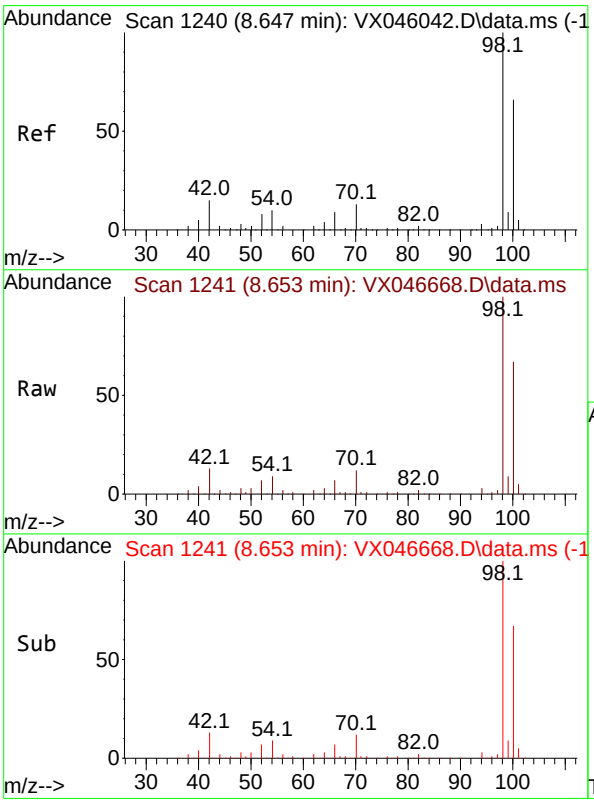
#35
Dibromofluoromethane
Concen: 47.601 ug/l
RT: 5.403 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

Tgt Ion:113 Resp: 51974

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	17.6	13.3	19.9

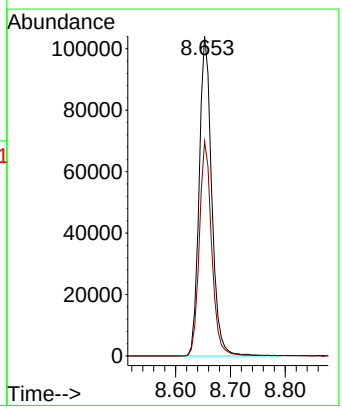


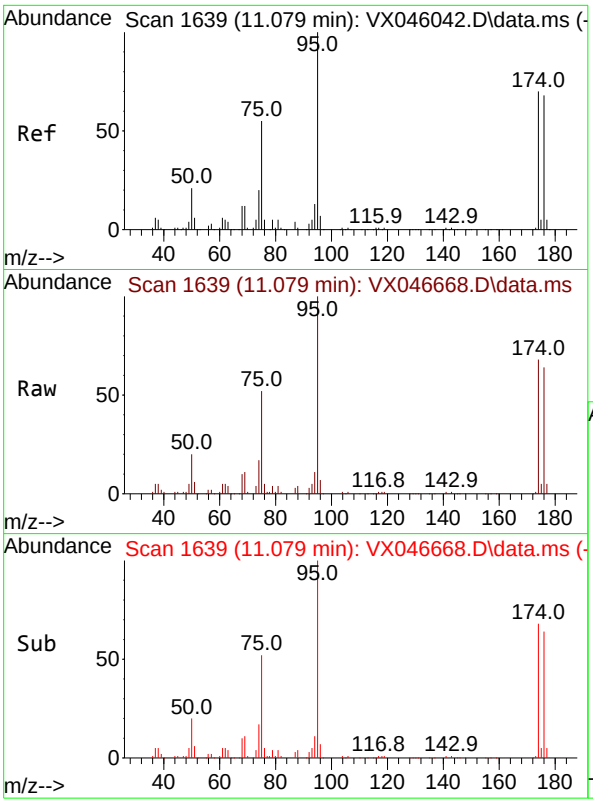


#50
Toluene-d8
Concen: 45.971 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Tgt Ion: 98 Resp: 165485

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.5	80.3



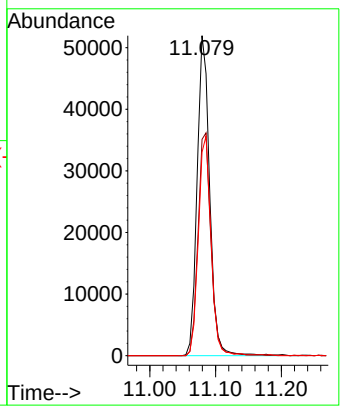


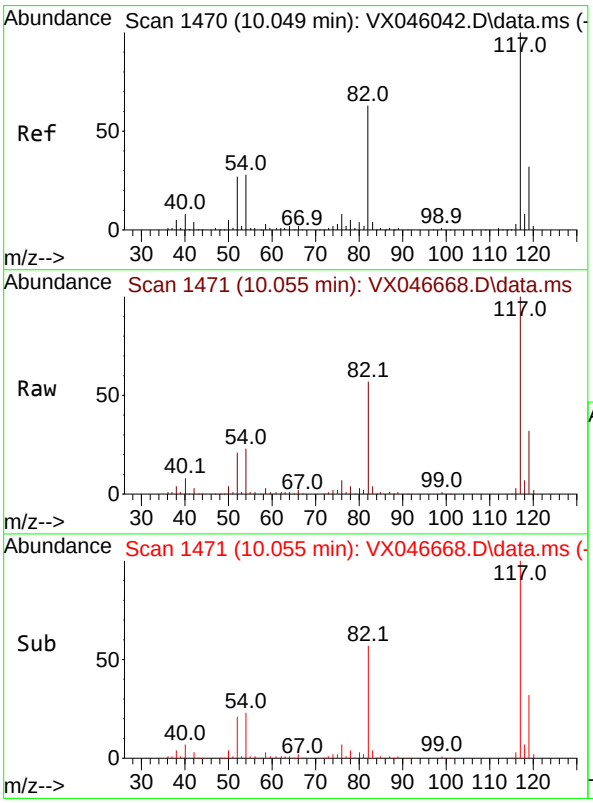
#62
4-Bromofluorobenzene
Concen: 46.075 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

Tgt Ion: 95 Resp: 68623

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	135.8
176	69.2	0.0	131.4

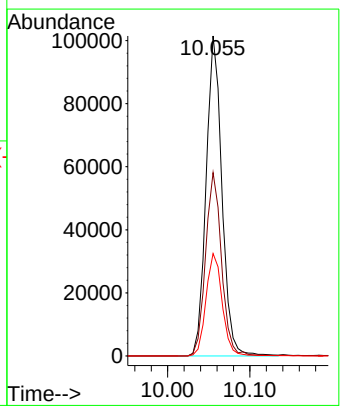


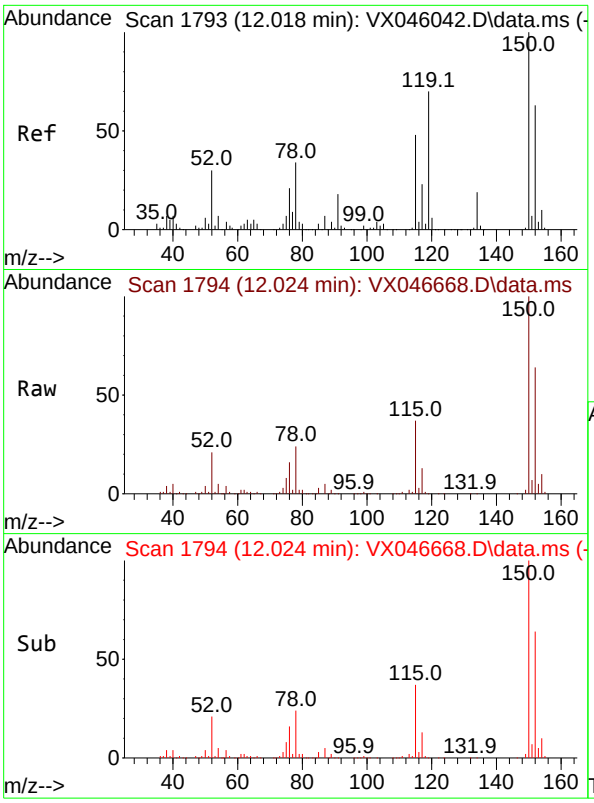


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Tgt Ion:117 Resp: 135692

Ion	Ratio	Lower	Upper
117	100		
82	57.3	50.6	76.0
119	32.0	25.8	38.6



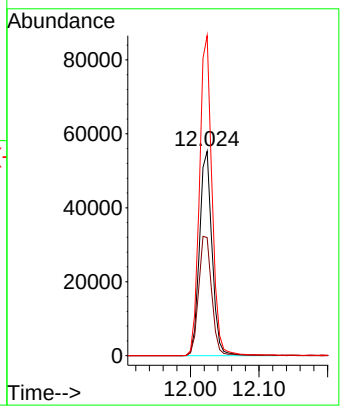


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

Tgt Ion:152 Resp: 70754

Ion	Ratio	Lower	Upper
152	100		
115	60.8	46.9	140.7
150	156.1	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046659.D
Acq On : 12 Jun 2025 13:10
Operator : JC/MD
Sample : VX0612WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

Quant Time: Jun 13 01:42:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

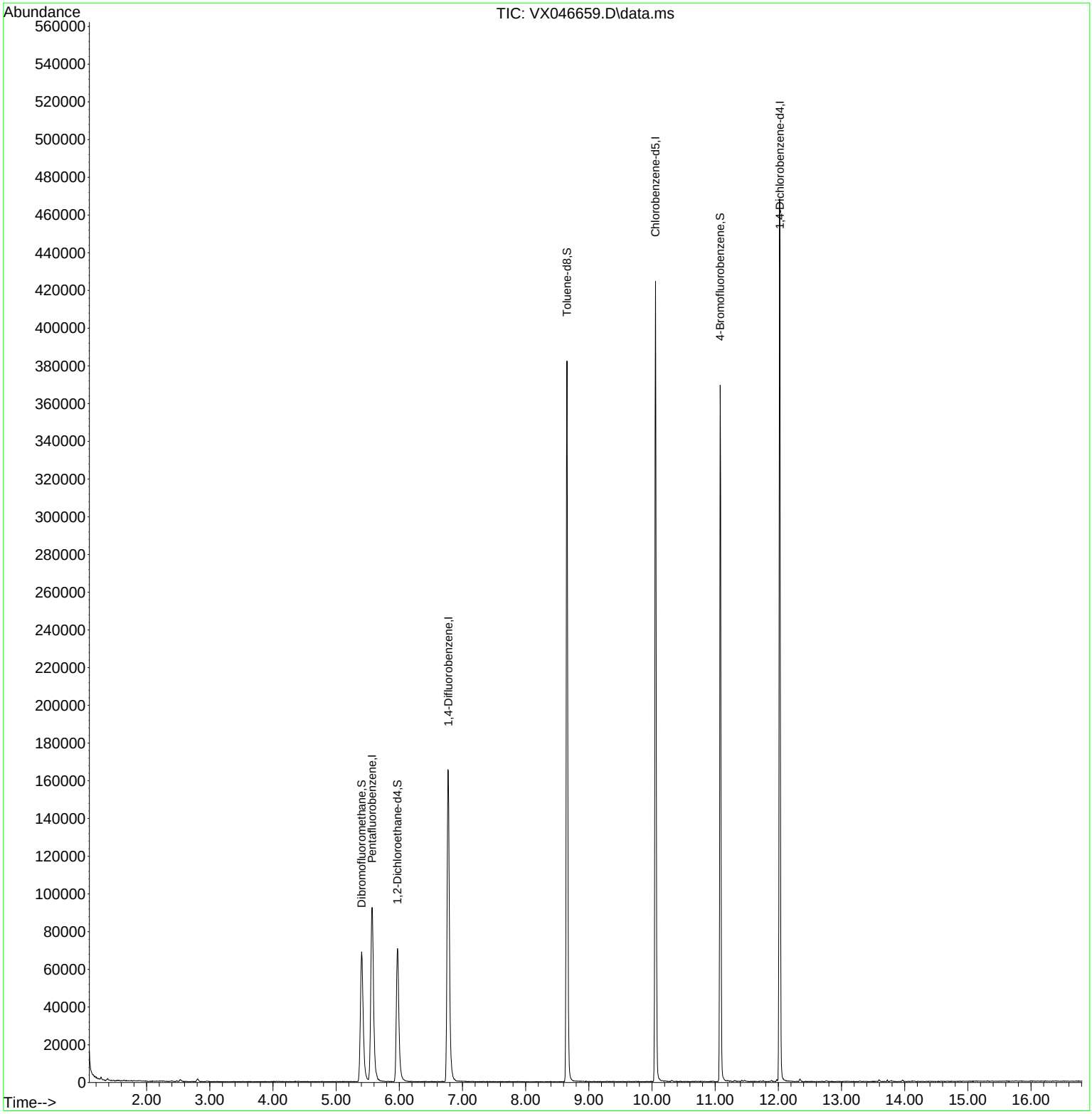
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	92224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	180952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	75758	46.173	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.340%			
35) Dibromofluoromethane	5.404	113	64522	48.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.980%			
50) Toluene-d8	8.653	98	229993	52.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.840%			
62) 4-Bromofluorobenzene	11.079	95	99118	54.605	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.200%			
Target Compounds						Qvalue

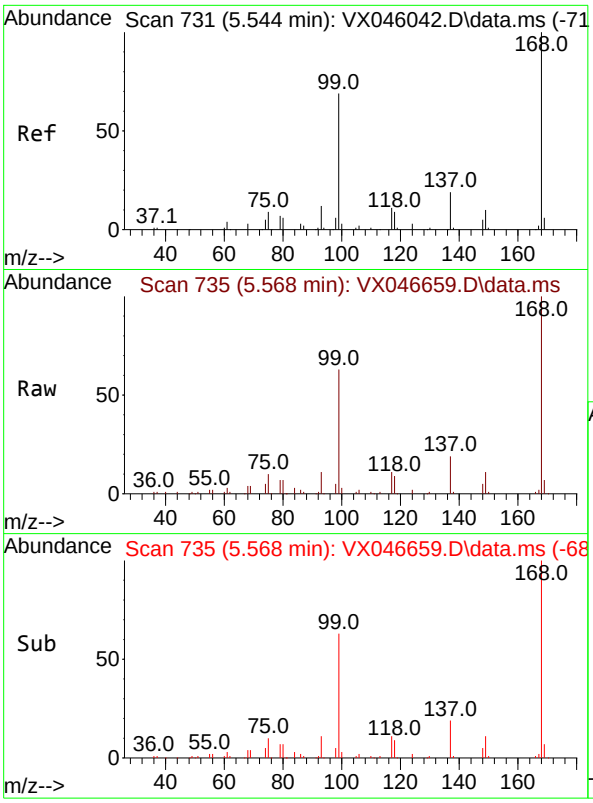
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046659.D
Acq On : 12 Jun 2025 13:10
Operator : JC/MD
Sample : VX0612WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

Quant Time: Jun 13 01:42:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



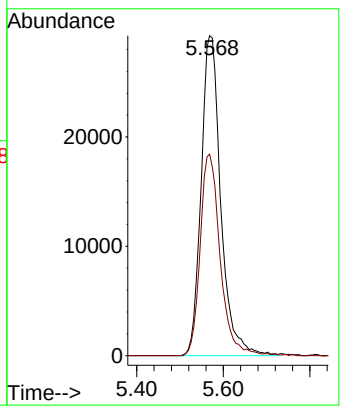


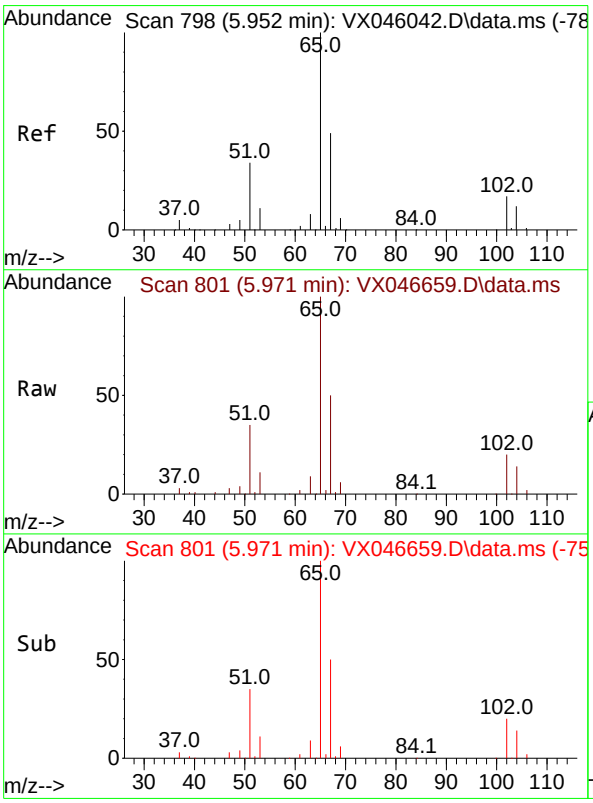
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

Tgt Ion:168 Resp: 92224

Ion	Ratio	Lower	Upper
168	100		
99	63.0	54.9	82.3

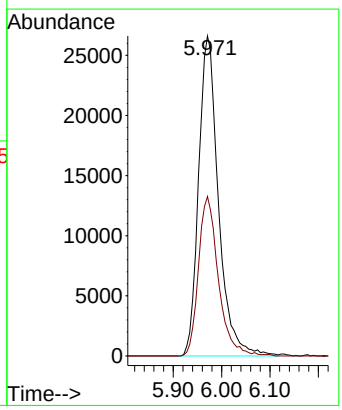


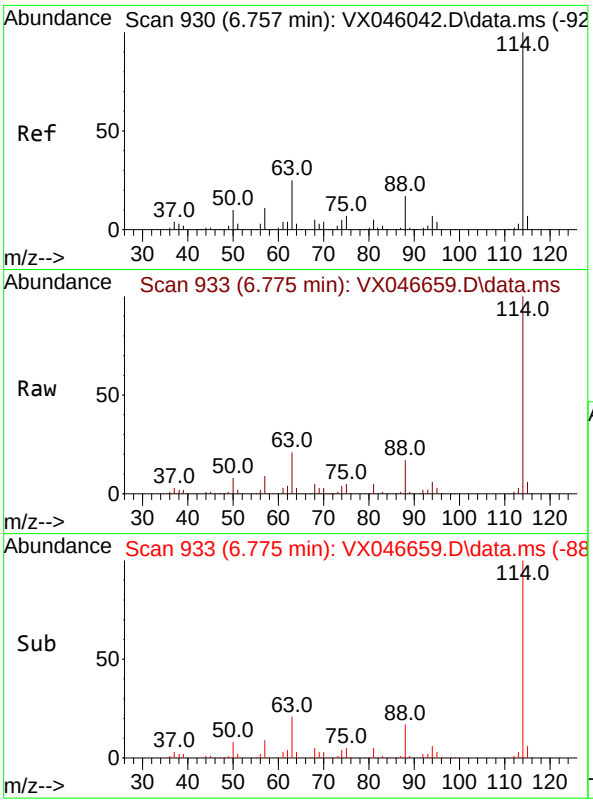


#33
1,2-Dichloroethane-d4
Concen: 46.173 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.001 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 65 Resp: 75758

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.0



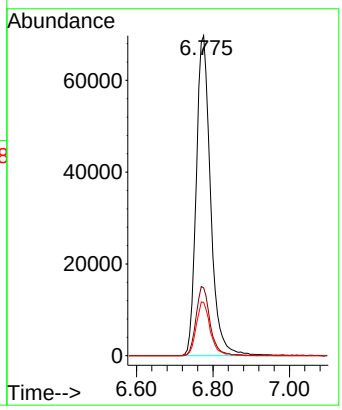


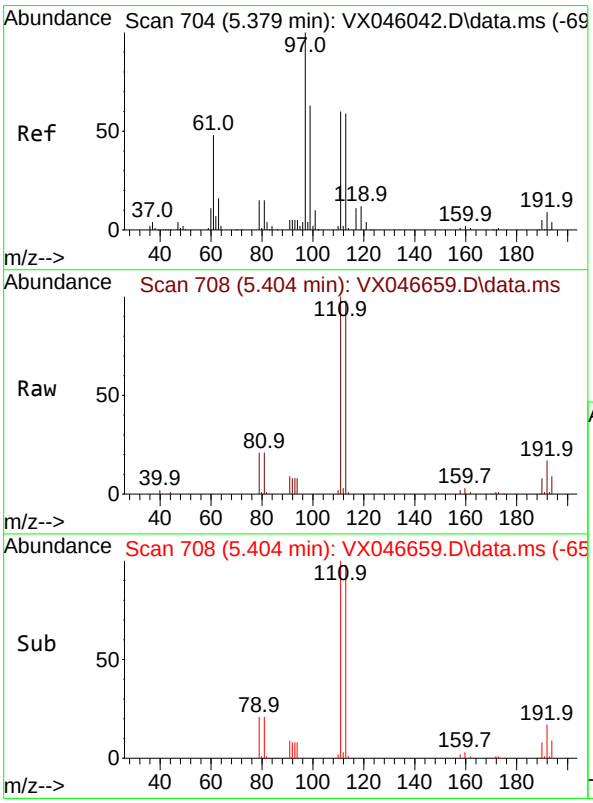
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

Tgt Ion:114 Resp: 180952

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	49.2
88	16.7	0.0	33.6

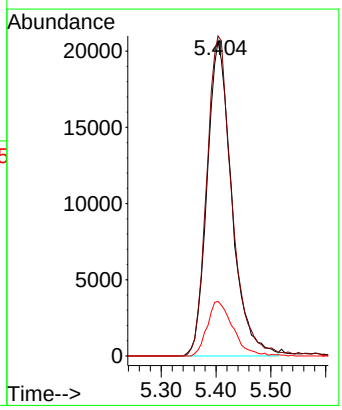


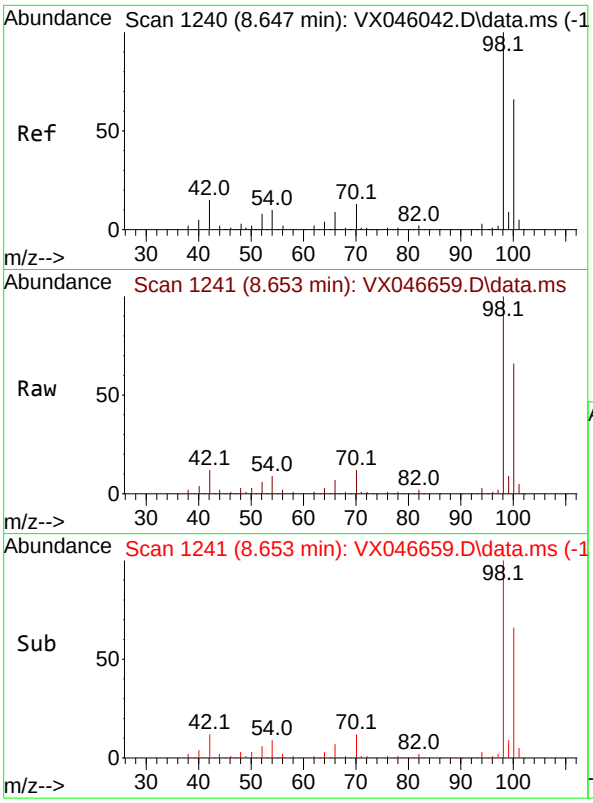


#35
Dibromofluoromethane
Concen: 48.487 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.001 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion:113 Resp: 64522

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	18.1	13.3	19.9



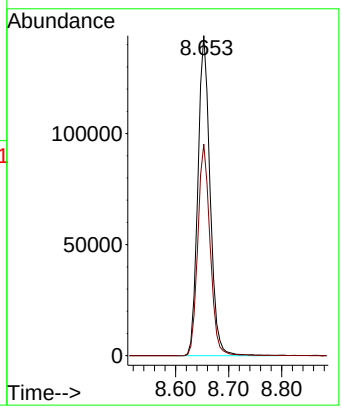


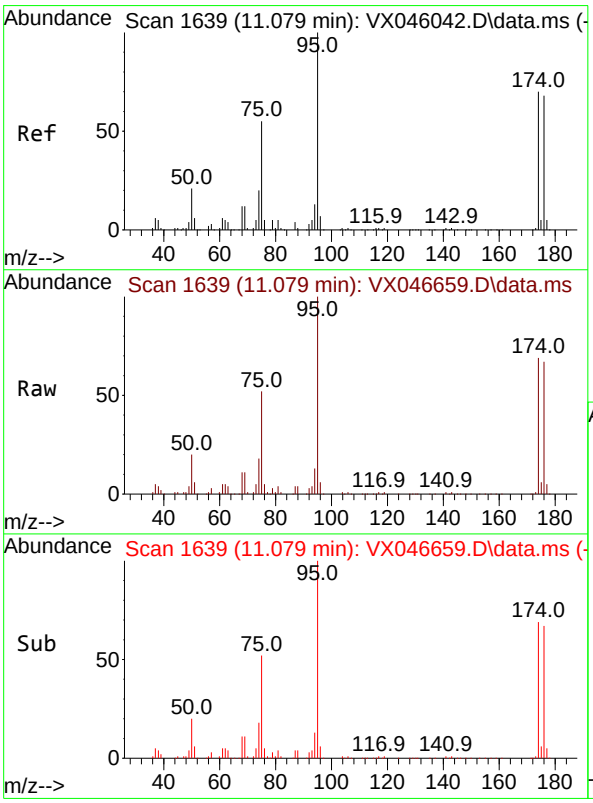
#50
Toluene-d8
Concen: 52.424 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

Tgt Ion: 98 Resp: 229993

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.5	80.3

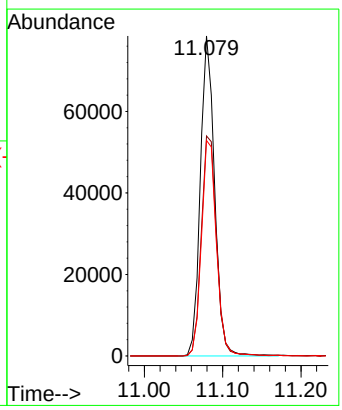


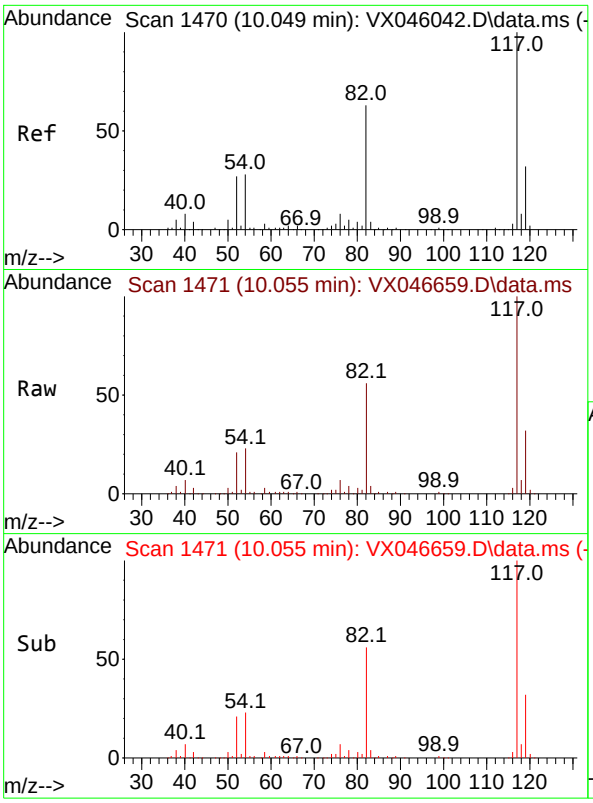


#62
4-Bromofluorobenzene
Concen: 54.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 95 Resp: 99118

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	135.8
176	70.9	0.0	131.4



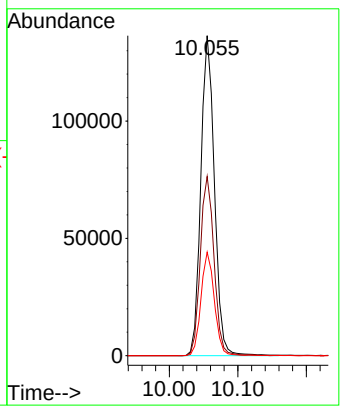


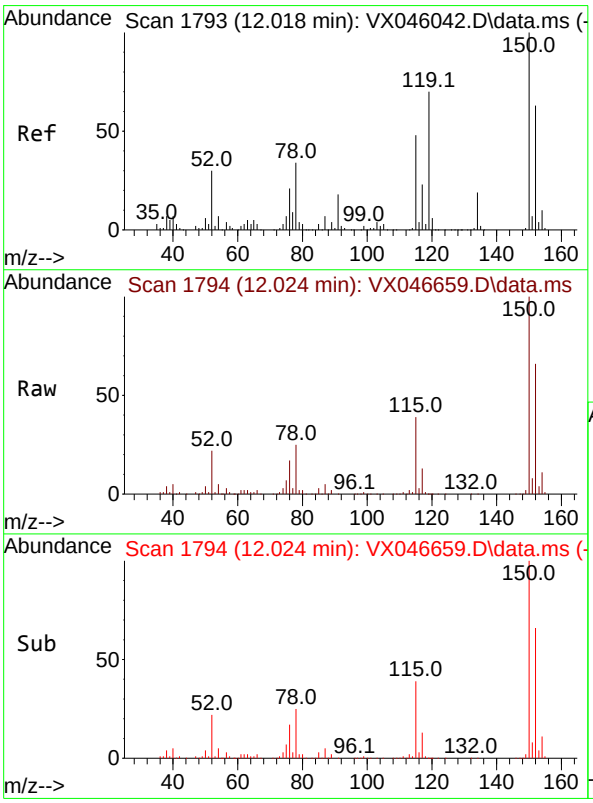
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

Tgt Ion:117 Resp: 188641

Ion	Ratio	Lower	Upper
117	100		
82	56.0	50.6	76.0
119	32.4	25.8	38.6

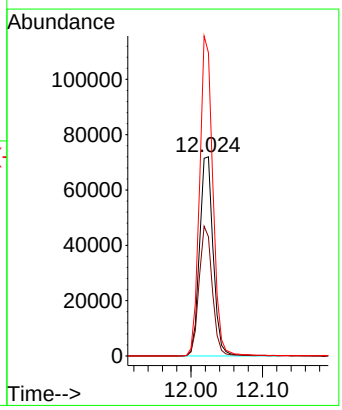




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion:152 Resp: 95358

Ion	Ratio	Lower	Upper
152	100		
115	63.2	46.9	140.7
150	156.4	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046660.D
Acq On : 12 Jun 2025 13:38
Operator : JC/MD
Sample : VX0612WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 13 01:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	85578	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.769	114	144622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63210	41.517	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.040%			
35) Dibromofluoromethane	5.397	113	51021	47.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	8.647	98	167446	47.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.500%			
62) 4-Bromofluorobenzene	11.079	95	69758	48.084	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	17232	14.504	ug/l	100
3) Chloromethane	1.306	50	15679	14.498	ug/l	97
4) Vinyl Chloride	1.386	62	16285	15.106	ug/l	100
5) Bromomethane	1.623	94	10482	16.017	ug/l	99
6) Chloroethane	1.703	64	10352	14.800	ug/l	95
7) Trichlorofluoromethane	1.904	101	27911	15.648	ug/l	92
8) Diethyl Ether	2.148	74	10221	16.219	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.343	101	19140	17.032	ug/l	95
10) Methyl Iodide	2.465	142	17822	14.630	ug/l	95
11) Tert butyl alcohol	2.965	59	14604	86.443	ug/l	99
12) 1,1-Dichloroethene	2.331	96	17566	17.289	ug/l	84
13) Acrolein	2.251	56	9994	73.047	ug/l	100
14) Allyl chloride	2.678	41	33622	16.850	ug/l	93
15) Acrylonitrile	3.074	53	58711	91.913	ug/l	99
16) Acetone	2.392	43	52132	90.187	ug/l	92
17) Carbon Disulfide	2.526	76	33805	15.809	ug/l	100
18) Methyl Acetate	2.715	43	35232	19.427	ug/l	95
19) Methyl tert-butyl Ether	3.129	73	66811	18.793	ug/l	98
20) Methylene Chloride	2.800	84	21926	17.951	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	18523	17.227	ug/l	97
22) Diisopropyl ether	3.769	45	72754	18.494	ug/l #	65
23) Vinyl Acetate	3.733	43	272827	89.826	ug/l	99
24) 1,1-Dichloroethane	3.623	63	38925	17.753	ug/l	99
25) 2-Butanone	4.568	43	74592	88.008	ug/l	96
26) 2,2-Dichloropropane	4.483	77	29645	18.213	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	23891	18.050	ug/l	95
28) Bromochloromethane	4.909	49	26095	24.953	ug/l	92
29) Tetrahydrofuran	5.013	42	45745	85.463	ug/l	96
30) Chloroform	5.105	83	41974	18.271	ug/l	97
31) Cyclohexane	5.476	56	29749	16.807	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	35020	17.821	ug/l	97
36) 1,1-Dichloropropene	5.702	75	25822	16.997	ug/l	97
37) Ethyl Acetate	4.727	43	29586	19.954	ug/l	99
38) Carbon Tetrachloride	5.690	117	29642	17.420	ug/l	99
39) Methylcyclohexane	7.385	83	29365	16.376	ug/l	95
40) Benzene	6.049	78	79810	18.661	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046660.D
Acq On : 12 Jun 2025 13:38
Operator : JC/MD
Sample : VX0612WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 13 01:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.940	41	16120	17.507 ug/l #	92
42) 1,2-Dichloroethane	6.098	62	31253	17.565 ug/l	97
43) Isopropyl Acetate	6.348	43	46852	18.125 ug/l	96
44) Trichloroethene	7.129	130	20132	18.526 ug/l	97
45) 1,2-Dichloropropane	7.433	63	21411	19.396 ug/l	96
46) Dibromomethane	7.586	93	15723	18.933 ug/l	94
47) Bromodichloromethane	7.824	83	33506	19.622 ug/l	98
48) Methyl methacrylate	7.696	41	24360	18.316 ug/l	92
49) 1,4-Dioxane	7.659	88	6794	382.003 ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	158516	96.503 ug/l	97
52) Toluene	8.720	92	52013	19.796 ug/l	98
53) t-1,3-Dichloropropene	8.982	75	29385	19.193 ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	32617	19.161 ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	21748	20.618 ug/l	99
56) Ethyl methacrylate	9.116	69	32307	19.903 ug/l	92
57) 1,3-Dichloropropane	9.311	76	35837	19.225 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	87671	99.160 ug/l	97
59) 2-Hexanone	9.433	43	113348	96.217 ug/l	95
60) Dibromochloromethane	9.518	129	25395	20.468 ug/l	98
61) 1,2-Dibromoethane	9.610	107	21756	19.793 ug/l	98
64) Tetrachloroethene	9.275	164	16534	18.916 ug/l	98
65) Chlorobenzene	10.079	112	59264	19.277 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21995	21.172 ug/l	98
67) Ethyl Benzene	10.195	91	99830	18.601 ug/l	97
68) m/p-Xylenes	10.299	106	77489	39.802 ug/l	94
69) o-Xylene	10.640	106	37114	19.709 ug/l	98
70) Styrene	10.652	104	66406	20.601 ug/l	96
71) Bromoform	10.799	173	16330	20.616 ug/l #	99
73) Isopropylbenzene	10.963	105	101339	18.679 ug/l	99
74) N-amyl acetate	10.841	43	42555	17.811 ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	33322	19.188 ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	26882m	18.389 ug/l	
77) Bromobenzene	11.195	156	24285	19.285 ug/l	93
78) n-propylbenzene	11.305	91	118689	18.075 ug/l	98
79) 2-Chlorotoluene	11.366	91	72123	18.214 ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	85488	18.909 ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9208	18.170 ug/l	91
82) 4-Chlorotoluene	11.451	91	86099	18.344 ug/l	97
83) tert-Butylbenzene	11.713	119	84512	18.363 ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	85107	18.609 ug/l	98
85) sec-Butylbenzene	11.890	105	106791	18.059 ug/l	99
86) p-Isopropyltoluene	12.006	119	92930	18.850 ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	47662	19.491 ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	48120	18.991 ug/l	99
89) n-Butylbenzene	12.329	91	85715	17.705 ug/l	99
90) Hexachloroethane	12.536	117	15279	17.437 ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	45679	19.352 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6541	16.820 ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	31308	19.444 ug/l	97
94) Hexachlorobutadiene	13.725	225	13715	18.328 ug/l	99
95) Naphthalene	13.774	128	101037	19.787 ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	30574	18.936 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046660.D
Acq On : 12 Jun 2025 13:38
Operator : JC/MD
Sample : VX0612WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 13 01:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

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

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

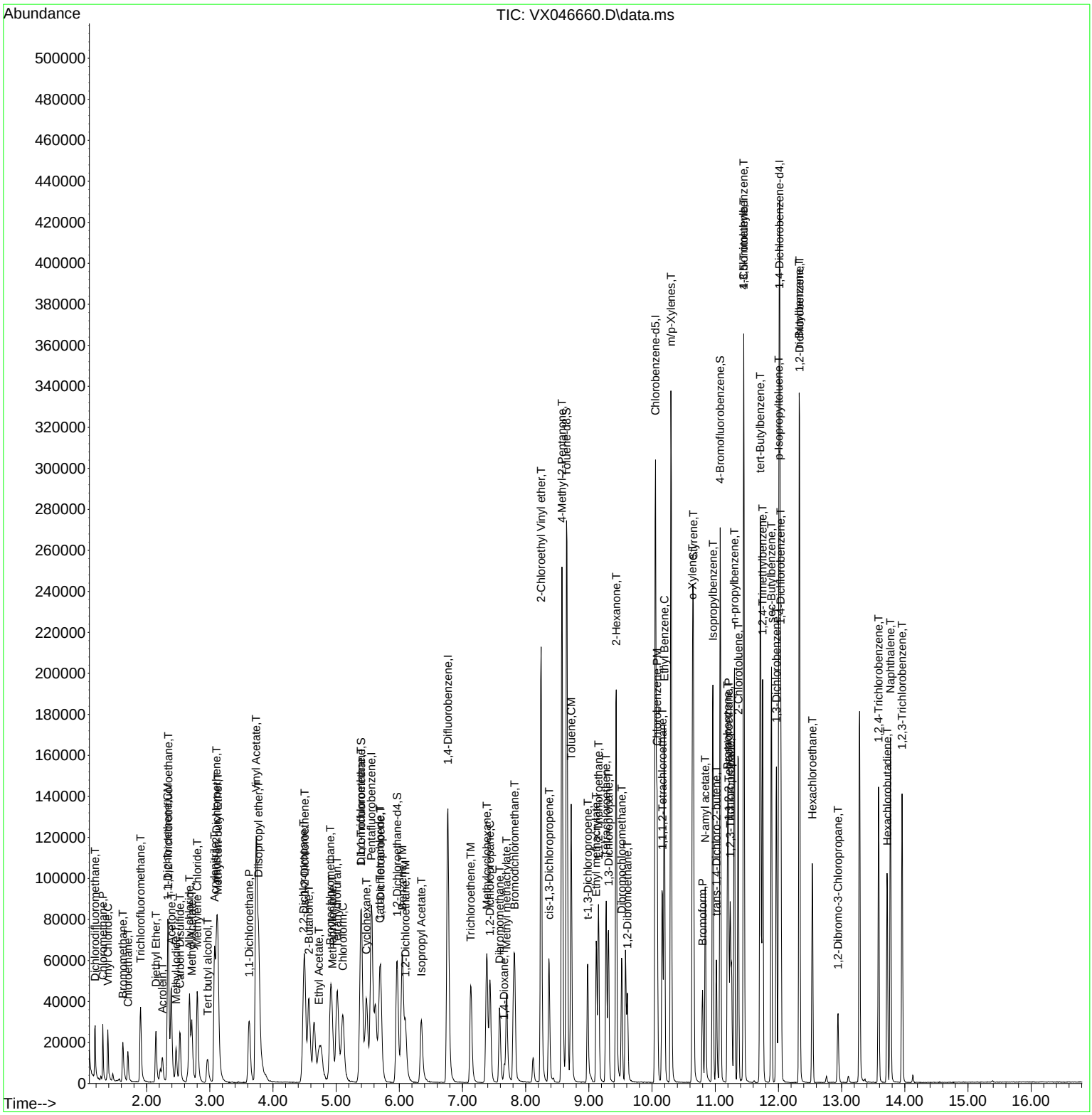
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046660.D
Acq On : 12 Jun 2025 13:38
Operator : JC/MD
Sample : VX0612WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 13 01:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046662.D
Acq On : 12 Jun 2025 14:26
Operator : JC/MD
Sample : VX0612WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 13 01:43:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations APPROVED
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	77335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	133427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	61672	44.824	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 89.640%			
35) Dibromofluoromethane	5.409	113	48780	49.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.420%			
50) Toluene-d8	8.653	98	156263	48.305	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.600%			
62) 4-Bromofluorobenzene	11.079	95	67540	50.462	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	15159	14.119	ug/l	96
3) Chloromethane	1.307	50	14237	14.568	ug/l	97
4) Vinyl Chloride	1.386	62	14877	15.271	ug/l	96
5) Bromomethane	1.624	94	10127	17.124	ug/l	98
6) Chloroethane	1.709	64	10193	16.126	ug/l	96
7) Trichlorofluoromethane	1.904	101	25875	16.053	ug/l	97
8) Diethyl Ether	2.148	74	9926	17.429	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.349	101	17146	16.884	ug/l	94
10) Methyl Iodide	2.471	142	16573	15.055	ug/l	97
11) Tert butyl alcohol	2.971	59	15766	103.268	ug/l	99
12) 1,1-Dichloroethene	2.337	96	15836	17.248	ug/l	90
13) Acrolein	2.252	56	10925	82.071	ug/l	97
14) Allyl chloride	2.684	41	31675	17.566	ug/l	92
15) Acrylonitrile	3.081	53	62440	108.170	ug/l	99
16) Acetone	2.398	43	52285	99.588	ug/l	95
17) Carbon Disulfide	2.532	76	30557	15.813	ug/l	99
18) Methyl Acetate	2.721	43	37422	22.834	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	65699	20.450	ug/l	99
20) Methylene Chloride	2.806	84	20169	18.272	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	16904	17.397	ug/l	96
22) Diisopropyl ether	3.782	45	69021	19.415	ug/l #	77
23) Vinyl Acetate	3.739	43	275263	100.288	ug/l	98
24) 1,1-Dichloroethane	3.629	63	36498	18.421	ug/l	98
25) 2-Butanone	4.574	43	81745	106.728	ug/l	96
26) 2,2-Dichloropropane	4.501	77	26479	18.002	ug/l	99
27) cis-1,2-Dichloroethene	4.513	96	22731	19.004	ug/l	94
28) Bromochloromethane	4.916	49	24813	26.256	ug/l	94
29) Tetrahydrofuran	5.025	42	51560	106.594	ug/l	97
30) Chloroform	5.117	83	40022	19.278	ug/l	98
31) Cyclohexane	5.489	56	26131	16.337	ug/l	98
32) 1,1,1-Trichloroethane	5.403	97	32623	18.370	ug/l	96
36) 1,1-Dichloropropene	5.708	75	23651	16.874	ug/l	97
37) Ethyl Acetate	4.739	43	31194m	22.803	ug/l	
38) Carbon Tetrachloride	5.696	117	27030	17.218	ug/l	95
39) Methylcyclohexane	7.391	83	27000	16.321	ug/l	96
40) Benzene	6.056	78	75001	19.008	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046662.D
Acq On : 12 Jun 2025 14:26
Operator : JC/MD
Sample : VX0612WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 13 01:43:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.946	41	17391	20.473	ug/l		92
42) 1,2-Dichloroethane	6.104	62	31275	19.052	ug/l		97
43) Isopropyl Acetate	6.354	43	48318	20.261	ug/l		98
44) Trichloroethene	7.135	130	18936	18.888	ug/l		99
45) 1,2-Dichloropropane	7.446	63	20974	20.594	ug/l		99
46) Dibromomethane	7.586	93	15538	20.280	ug/l		97
47) Bromodichloromethane	7.830	83	31910	20.255	ug/l		100
48) Methyl methacrylate	7.702	41	24860	20.261	ug/l		93
49) 1,4-Dioxane	7.671	88	7152	435.873	ug/l		99
51) 4-Methyl-2-Pentanone	8.580	43	169429	111.801	ug/l		98
52) Toluene	8.726	92	47973	19.790	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	28068	19.871	ug/l		94
54) cis-1,3-Dichloropropene	8.372	75	31374	19.977	ug/l	#	86
55) 1,1,2-Trichloroethane	9.159	97	21487	22.080	ug/l		97
56) Ethyl methacrylate	9.122	69	33081	22.090	ug/l		91
57) 1,3-Dichloropropane	9.311	76	34906	20.297	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	88144	108.060	ug/l		97
59) 2-Hexanone	9.433	43	122560	112.765	ug/l		95
60) Dibromochloromethane	9.525	129	24681	21.562	ug/l		97
61) 1,2-Dibromoethane	9.610	107	21425	21.128	ug/l		98
64) Tetrachloroethene	9.275	164	15466	18.523	ug/l		92
65) Chlorobenzene	10.079	112	55650	18.950	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20124	20.279	ug/l		98
67) Ethyl Benzene	10.195	91	93152	18.170	ug/l		99
68) m/p-Xylenes	10.305	106	71271	38.324	ug/l		95
69) o-Xylene	10.640	106	34941	19.425	ug/l		97
70) Styrene	10.659	104	62281	20.227	ug/l		96
71) Bromoform	10.799	173	16530	21.846	ug/l	#	100
73) Isopropylbenzene	10.963	105	94452	18.374	ug/l		99
74) N-amyl acetate	10.841	43	43589	19.255	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	34369	20.888	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	27152m	19.603	ug/l		
77) Bromobenzene	11.201	156	23326	19.550	ug/l		93
78) n-propylbenzene	11.305	91	111370	17.900	ug/l		98
79) 2-Chlorotoluene	11.366	91	67642	18.028	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	79297	18.512	ug/l		96
81) trans-1,4-Dichloro-2-b...	11.018	75	9232	19.227	ug/l		93
82) 4-Chlorotoluene	11.457	91	80597	18.123	ug/l		95
83) tert-Butylbenzene	11.713	119	83097	19.056	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	80595	18.598	ug/l		99
85) sec-Butylbenzene	11.890	105	102518	18.297	ug/l		100
86) p-Isopropyltoluene	12.012	119	86541	18.527	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	44009	18.994	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	44978	18.734	ug/l		98
89) n-Butylbenzene	12.329	91	81561	17.780	ug/l		99
90) Hexachloroethane	12.536	117	14475	17.435	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	44738	20.004	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7269	19.728	ug/l		82
93) 1,2,4-Trichlorobenzene	13.585	180	28666	18.789	ug/l		98
94) Hexachlorobutadiene	13.725	225	12471	17.589	ug/l		99
95) Naphthalene	13.774	128	100632	20.800	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	29289	19.145	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046662.D
Acq On : 12 Jun 2025 14:26
Operator : JC/MD
Sample : VX0612WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 13 01:43:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

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

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

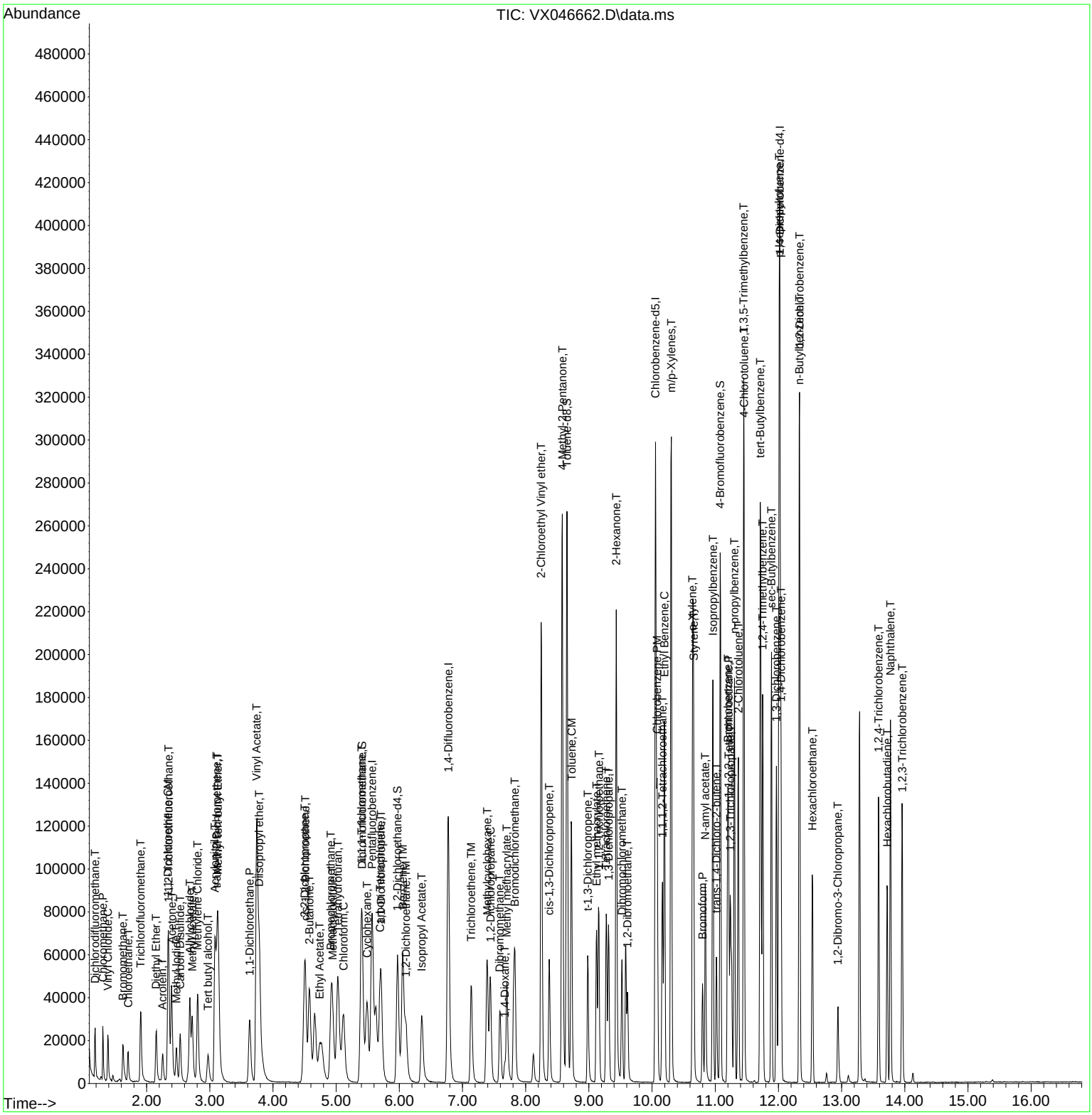
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046662.D
Acq On : 12 Jun 2025 14:26
Operator : JC/MD
Sample : VX0612WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 13 01:43:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



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

Manual Integration Report

Sequence:	VX060625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX046518.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:36 PM	MMDadoda	6/9/2025 1:14:56 PM	Peak Integrated by Software
VSTDICC020	VX046519.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:40 PM	MMDadoda	6/9/2025 1:14:59 PM	Peak Integrated by Software
VSTDICCC050	VX046520.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:44 PM	MMDadoda	6/9/2025 1:15:03 PM	Peak Integrated by Software
VSTDICC100	VX046521.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:48 PM	MMDadoda	6/9/2025 1:15:08 PM	Peak Integrated by Software
VSTDICC150	VX046522.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:52 PM	MMDadoda	6/9/2025 1:15:37 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	Ethyl Acetate	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICV050	VX046525.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:26:01 PM	MMDadoda	6/9/2025 1:16:01 PM	Peak Integrated by Software
VSTDCCC050	VX046544.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:10:18 AM	MMDadoda	6/9/2025 1:16:52 PM	Peak Integrated by Software
VSTDCCC050	VX046546.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:10:22 AM	MMDadoda	6/9/2025 1:16:54 PM	Peak Integrated by Software
VSTDCCC050	VX046565.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:12:06 AM	Sam	6/9/2025 1:18:52 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX060625	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:	vx061225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046657.D	1,2,3-Trichloropropane	JOHN	6/13/2025 10:02:14 AM	MMDadoda	6/13/2025 10:58:05 AM	Peak Integrated by Software
VX0612WBS01	VX046660.D	1,2,3-Trichloropropane	JOHN	6/13/2025 10:02:18 AM	MMDadoda	6/13/2025 10:58:06 AM	Peak Integrated by Software
VX0612WBSD01	VX046662.D	1,2,3-Trichloropropane	JOHN	6/13/2025 10:02:22 AM	MMDadoda	6/13/2025 10:58:07 AM	Peak Integrated by Software
VX0612WBSD01	VX046662.D	Ethyl Acetate	JOHN	6/13/2025 10:02:22 AM	MMDadoda	6/13/2025 10:58:07 AM	Peak Integrated by Software
VSTDCCC050	VX046673.D	1,2,3-Trichloropropane	JOHN	6/13/2025 10:02:43 AM	MMDadoda	6/13/2025 10:58:16 AM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046516.D	06 Jun 2025 08:47	JC/MD	Ok
2	VSTDICC001	VX046517.D	06 Jun 2025 09:13	JC/MD	Not Ok
3	VSTDICC005	VX046518.D	06 Jun 2025 09:42	JC/MD	Ok,M
4	VSTDICC020	VX046519.D	06 Jun 2025 10:18	JC/MD	Ok,M
5	VSTDICCC050	VX046520.D	06 Jun 2025 10:40	JC/MD	Ok,M
6	VSTDICC100	VX046521.D	06 Jun 2025 11:02	JC/MD	Ok,M
7	VSTDICC150	VX046522.D	06 Jun 2025 11:25	JC/MD	Ok,M
8	IBLK	VX046523.D	06 Jun 2025 11:47	JC/MD	Ok
9	VSTDICC001	VX046524.D	06 Jun 2025 12:57	JC/MD	Ok,M
10	VSTDICV050	VX046525.D	06 Jun 2025 14:11	JC/MD	Ok,M
11	VX0606MBL01	VX046526.D	06 Jun 2025 14:39	JC/MD	Ok
12	VX0606WBL01	VX046527.D	06 Jun 2025 15:02	JC/MD	Ok
13	VX0606WBS01	VX046528.D	06 Jun 2025 15:25	JC/MD	Ok,M
14	VX0606MBS01	VX046529.D	06 Jun 2025 15:51	JC/MD	Ok,M
15	Q2168-11MEDL	VX046530.D	06 Jun 2025 16:13	JC/MD	Ok
16	VX0606WBSD01	VX046531.D	06 Jun 2025 16:36	JC/MD	Ok,M
17	Q2194-02	VX046532.D	06 Jun 2025 16:58	JC/MD	Ok
18	Q2194-04	VX046533.D	06 Jun 2025 17:21	JC/MD	Ok
19	Q2207-09	VX046534.D	06 Jun 2025 17:43	JC/MD	Ok,M
20	Q2207-18	VX046535.D	06 Jun 2025 18:06	JC/MD	Ok,M
21	Q2207-27	VX046536.D	06 Jun 2025 18:28	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2207-36	VX046537.D	06 Jun 2025 18:51	JC/MD	Ok,M
23	Q2207-45	VX046538.D	06 Jun 2025 19:13	JC/MD	Ok,M
24	Q2208-09	VX046539.D	06 Jun 2025 19:35	JC/MD	Ok,M
25	Q2208-18	VX046540.D	06 Jun 2025 19:58	JC/MD	Ok,M
26	Q2208-27	VX046541.D	06 Jun 2025 20:20	JC/MD	Ok,M
27	Q2208-36	VX046542.D	06 Jun 2025 20:42	JC/MD	Ok,M
28	Q2236-01	VX046543.D	06 Jun 2025 21:04	JC/MD	Not Ok
29	VSTDCCC050	VX046544.D	06 Jun 2025 21:26	JC/MD	Not Ok
30	BFB	VX046545.D	06 Jun 2025 23:59	JC/MD	Ok
31	VSTDCCC050	VX046546.D	07 Jun 2025 00:34	JC/MD	Ok,M
32	VX0606WBL02	VX046547.D	07 Jun 2025 01:17	JC/MD	Ok
33	VX0606WBS02	VX046548.D	07 Jun 2025 02:00	JC/MD	Ok,M
34	VX0606WBSD02	VX046549.D	07 Jun 2025 02:22	JC/MD	Ok,M
35	PB168312TB	VX046550.D	07 Jun 2025 02:43	JC/MD	Ok,M
36	PB168272TB	VX046551.D	07 Jun 2025 03:05	JC/MD	Ok,M
37	Q2236-05	VX046552.D	07 Jun 2025 03:26	JC/MD	ReRun
38	Q2236-09	VX046553.D	07 Jun 2025 03:48	JC/MD	ReRun
39	Q2236-13	VX046554.D	07 Jun 2025 04:09	JC/MD	Ok
40	Q2236-17	VX046555.D	07 Jun 2025 04:31	JC/MD	ReRun
41	Q2227-04	VX046556.D	07 Jun 2025 04:52	JC/MD	Ok,M
42	Q2228-04	VX046557.D	07 Jun 2025 05:14	JC/MD	ReRun
43	Q2235-01	VX046558.D	07 Jun 2025 05:36	JC/MD	ReRun
44	Q2240-04	VX046559.D	07 Jun 2025 05:57	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2240-08	VX046560.D	07 Jun 2025 06:18	JC/MD	ReRun
46	Q2240-12	VX046561.D	07 Jun 2025 06:40	JC/MD	ReRun
47	Q2241-04	VX046562.D	07 Jun 2025 07:01	JC/MD	ReRun
48	Q2241-08	VX046563.D	07 Jun 2025 07:23	JC/MD	ReRun
49	Q2226-04	VX046564.D	07 Jun 2025 07:44	JC/MD	ReRun
50	VSTDCCC050	VX046565.D	07 Jun 2025 08:06	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061225

Review By	John Carlone	Review On	6/13/2025 10:05:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/13/2025 10:58:22 AM		
SubDirectory	VX061225	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134305
Initial Calibration Stds	
CCC	VP134306,VP134307
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046656.D	12 Jun 2025 09:44	JC/MD	Ok
2	VSTDCCC050	VX046657.D	12 Jun 2025 10:11	JC/MD	Ok,M
3	VX0612MBL01	VX046658.D	12 Jun 2025 12:48	JC/MD	Ok
4	VX0612WBL01	VX046659.D	12 Jun 2025 13:10	JC/MD	Ok
5	VX0612WBS01	VX046660.D	12 Jun 2025 13:38	JC/MD	Ok,M
6	Q2249-01RE	VX046661.D	12 Jun 2025 14:04	JC/MD	Confirms
7	VX0612WBSD01	VX046662.D	12 Jun 2025 14:26	JC/MD	Ok,M
8	Q2249-01	VX046663.D	12 Jun 2025 14:53	JC/MD	Not Ok
9	Q2249-01	VX046664.D	12 Jun 2025 15:24	JC/MD	Not Ok
10	Q2275-01	VX046665.D	12 Jun 2025 15:46	JC/MD	Ok
11	Q2275-05	VX046666.D	12 Jun 2025 16:10	JC/MD	ReRun
12	Q2275-03	VX046667.D	12 Jun 2025 16:32	JC/MD	Ok
13	Q2275-05	VX046668.D	12 Jun 2025 16:55	JC/MD	Ok
14	Q2267-01	VX046669.D	12 Jun 2025 17:17	JC/MD	Ok,M
15	Q2278-04	VX046670.D	12 Jun 2025 17:40	JC/MD	Ok,M
16	Q2285-05	VX046671.D	12 Jun 2025 18:02	JC/MD	Ok,M
17	PB168448TB	VX046672.D	12 Jun 2025 18:24	JC/MD	Ok,M
18	VSTDCCC050	VX046673.D	12 Jun 2025 18:47	JC/MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046516.D	06 Jun 2025 08:47		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046517.D	06 Jun 2025 09:13		JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046518.D	06 Jun 2025 09:42	for TCLP	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046519.D	06 Jun 2025 10:18	Comp #05 fail	JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046520.D	06 Jun 2025 10:40	LR-13,16,17	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046521.D	06 Jun 2025 11:02		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046522.D	06 Jun 2025 11:25		JC/MD	Ok,M
8	IBLK	IBLK	VX046523.D	06 Jun 2025 11:47		JC/MD	Ok
9	VSTDICC001	VSTDICC001	VX046524.D	06 Jun 2025 12:57		JC/MD	Ok,M
10	VSTDICV050	ICVVX060625	VX046525.D	06 Jun 2025 14:11		JC/MD	Ok,M
11	VX0606MBL01	VX0606MBL01	VX046526.D	06 Jun 2025 14:39		JC/MD	Ok
12	VX0606WBL01	VX0606WBL01	VX046527.D	06 Jun 2025 15:02		JC/MD	Ok
13	VX0606WBS01	VX0606WBS01	VX046528.D	06 Jun 2025 15:25		JC/MD	Ok,M
14	VX0606MBS01	VX0606MBS01	VX046529.D	06 Jun 2025 15:51		JC/MD	Ok,M
15	Q2168-11MEDL	C2MEDL	VX046530.D	06 Jun 2025 16:13		JC/MD	Ok
16	VX0606WBSD01	VX0606WBSD01	VX046531.D	06 Jun 2025 16:36		JC/MD	Ok,M
17	Q2194-02	COMP-12	VX046532.D	06 Jun 2025 16:58	vial A pH#5.0	JC/MD	Ok
18	Q2194-04	COMP-13	VX046533.D	06 Jun 2025 17:21	vial A pH#5.0	JC/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2207-09	BU-703-COMP-01	VX046534.D	06 Jun 2025 17:43	vial A pH#5.0	JC/MD	Ok,M
20	Q2207-18	BU-703-COMP-02	VX046535.D	06 Jun 2025 18:06	vial A pH#5.0	JC/MD	Ok,M
21	Q2207-27	BU-703-COMP-03	VX046536.D	06 Jun 2025 18:28	vial A pH#5.0	JC/MD	Ok,M
22	Q2207-36	BU-703-COMP-04	VX046537.D	06 Jun 2025 18:51	vial A pH#5.0	JC/MD	Ok,M
23	Q2207-45	BU-703-COMP-05	VX046538.D	06 Jun 2025 19:13	vial A pH#5.0	JC/MD	Ok,M
24	Q2208-09	BU-703-COMP-06	VX046539.D	06 Jun 2025 19:35	vial A pH#5.0	JC/MD	Ok,M
25	Q2208-18	BU-703-COMP-07	VX046540.D	06 Jun 2025 19:58	vial A pH#5.0	JC/MD	Ok,M
26	Q2208-27	BU-703-COMP-08	VX046541.D	06 Jun 2025 20:20	vial A pH#5.0	JC/MD	Ok,M
27	Q2208-36	BU-703-COMP-09	VX046542.D	06 Jun 2025 20:42	vial A pH#5.0	JC/MD	Ok,M
28	Q2236-01	WC-A4-05A-G	VX046543.D	06 Jun 2025 21:04	vial A pH#5.0 Out of tune	JC/MD	Not Ok
29	VSTDCCC050	VSTDCCC050EC	VX046544.D	06 Jun 2025 21:26	Out of tune	JC/MD	Not Ok
30	BFB	BFB	VX046545.D	06 Jun 2025 23:59		JC/MD	Ok
31	VSTDCCC050	VSTDCCC050	VX046546.D	07 Jun 2025 00:34		JC/MD	Ok,M
32	VX0606WBL02	VX0606WBL02	VX046547.D	07 Jun 2025 01:17		JC/MD	Ok
33	VX0606WBS02	VX0606WBS02	VX046548.D	07 Jun 2025 02:00		JC/MD	Ok,M
34	VX0606WBSD02	VX0606WBSD02	VX046549.D	07 Jun 2025 02:22		JC/MD	Ok,M
35	PB168312TB	PB168312TB	VX046550.D	07 Jun 2025 02:43		JC/MD	Ok,M
36	PB168272TB	PB168272TB	VX046551.D	07 Jun 2025 03:05		JC/MD	Ok,M
37	Q2236-05	WC-A2-04-G	VX046552.D	07 Jun 2025 03:26	Surrogate Fail	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2236-09	WC-A2-05-G	VX046553.D	07 Jun 2025 03:48	Internal Standard Fail	JC/MD	ReRun
39	Q2236-13	WC-A2-06-G	VX046554.D	07 Jun 2025 04:09	vial A pH#5.0	JC/MD	Ok
40	Q2236-17	WC-A2-07-G	VX046555.D	07 Jun 2025 04:31	Internal Standard Fail; Surrogate fail	JC/MD	ReRun
41	Q2227-04	TP07-MHH-WC	VX046556.D	07 Jun 2025 04:52		JC/MD	Ok,M
42	Q2228-04	TP08-MHI-WC	VX046557.D	07 Jun 2025 05:14	Internal Standard Fail	JC/MD	ReRun
43	Q2235-01	WC-A2-08-G	VX046558.D	07 Jun 2025 05:36	Internal Standard Fail	JC/MD	ReRun
44	Q2240-04	TP-3	VX046559.D	07 Jun 2025 05:57	Internal Standard Fail	JC/MD	ReRun
45	Q2240-08	TP-2	VX046560.D	07 Jun 2025 06:18	Internal Standard Fail	JC/MD	ReRun
46	Q2240-12	TP-1	VX046561.D	07 Jun 2025 06:40	Internal Standard Fail	JC/MD	ReRun
47	Q2241-04	TP-N	VX046562.D	07 Jun 2025 07:01	Internal Standard Fail	JC/MD	ReRun
48	Q2241-08	TP-S	VX046563.D	07 Jun 2025 07:23	Internal Standard Fail	JC/MD	ReRun
49	Q2226-04	TP06-MHI-WC	VX046564.D	07 Jun 2025 07:44	Internal Standard Fail	JC/MD	ReRun
50	VSTDCCC050	VSTDCCC050EC	VX046565.D	07 Jun 2025 08:06		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061225

Review By	John Carlone	Review On	6/13/2025 10:05:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/13/2025 10:58:22 AM		
SubDirectory	VX061225	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134305
Initial Calibration Stds	
CCC	VP134306,VP134307
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	VX046656.D	12 Jun 2025 09:44		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046657.D	12 Jun 2025 10:11		JC/MD	Ok,M
3	VX0612MBL01	VX0612MBL01	VX046658.D	12 Jun 2025 12:48		JC/MD	Ok
4	VX0612WBL01	VX0612WBL01	VX046659.D	12 Jun 2025 13:10		JC/MD	Ok
5	VX0612WBS01	VX0612WBS01	VX046660.D	12 Jun 2025 13:38		JC/MD	Ok,M
6	Q2249-01RE	MW-06-6.5-060525RE	VX046661.D	12 Jun 2025 14:04	vial B pH<2 ISTD Fail	JC/MD	Confirms
7	VX0612WBSD01	VX0612WBSD01	VX046662.D	12 Jun 2025 14:26		JC/MD	Ok,M
8	Q2249-01	MW-06-6.5-060525	VX046663.D	12 Jun 2025 14:53	Not req	JC/MD	Not Ok
9	Q2249-01	MW-06-6.5-060525	VX046664.D	12 Jun 2025 15:24	Not req	JC/MD	Not Ok
10	Q2275-01	OW-08B-72.5-060925	VX046665.D	12 Jun 2025 15:46	vial A pH<2	JC/MD	Ok
11	Q2275-05	TB01-060925	VX046666.D	12 Jun 2025 16:10	vial A pH<2 TB; Surrogate Fail	JC/MD	ReRun
12	Q2275-03	EB01-060925	VX046667.D	12 Jun 2025 16:32	vial A pH<2 EB	JC/MD	Ok
13	Q2275-05	TB01-060925	VX046668.D	12 Jun 2025 16:55	vial B pH<2 TB	JC/MD	Ok
14	Q2267-01	WC-20250605	VX046669.D	12 Jun 2025 17:17	vial A pH#5.0	JC/MD	Ok,M
15	Q2278-04	TP-2	VX046670.D	12 Jun 2025 17:40	vial B pH#5.0	JC/MD	Ok,M
16	Q2285-05	HAM-CONCRETE	VX046671.D	12 Jun 2025 18:02	vial B pH#5.0	JC/MD	Ok,M
17	PB168448TB	PB168448TB	VX046672.D	12 Jun 2025 18:24		JC/MD	Ok,M
18	VSTDCCC050	VSTDCCC050EC	VX046673.D	12 Jun 2025 18:47		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061225

Review By	John Carlone	Review On	6/13/2025 10:05:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/13/2025 10:58:22 AM		
SubDirectory	VX061225	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134305
Initial Calibration Stds	
CCC	VP134306,VP134307
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2275	**OrderDate:**	6/10/2025 11:03:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2275-01	**OW-08B-72.5-060925**	**Water**			**06/08/25**			**06/10/25**
			VOCMS Group3	8260-Low			06/12/25	
Q2275-03	**EB01-060925**	**Water**			**06/08/25**			**06/10/25**
			VOCMS Group3	8260-Low			06/12/25	
Q2275-05	**TB01-060925**	**Water**			**06/08/25**			**06/10/25**
			VOCMS Group3	8260-Low			06/12/25	

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Hit Summary Sheet

SFAM_VOCSIM

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/08/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/10/25
Client Sample ID:	OW-08B-72.5-060925-SIM	SDG No.:	Q2275
Lab Sample ID:	Q2275-02	Matrix:	Water
Analytical Method:	SFAM_VOCSIM	% Solid:	0
Sample Wt/Vol:	25 Units: mL	Final Vol:	25000 uL
Soil Aliquot Vol:	uL	Test:	VOC-SIM
GC Column:	DB-624UI ID : 0.18	Level :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VV038813.D	1		06/18/25 11:49	VV061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl chloride	0.021	U	0.021	0.050	ug/L
SURROGATES						
6745-35-3	Vinyl Chloride-d3	0.49		40 - 130	98.4%	SPK: 0.5
17060-07-0	1,2-Dichloroethane-d4	0.50		70 - 130	99.6%	SPK: 0.5
93952-08-0	1,2-Dichloropropane-d6	0.53		60 - 140	106.6%	SPK: 0.5
2037-26-5	Toluene-d8	0.50		70 - 130	100.4%	SPK: 0.5
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.51		65 - 120	101.6%	SPK: 0.5
INTERNAL STANDARDS						
3114-55-4	Chlorobenzene-d5	5980	8.785			
540-36-3	1,4-Difluorobenzene	6490	5.566			
3855-82-1	1,4-Dichlorobenzene-d4	2600	11.191			

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/08/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/10/25
Client Sample ID:	EB01-060925-SIM	SDG No.:	Q2275
Lab Sample ID:	Q2275-04	Matrix:	Water
Analytical Method:	SFAM_VOCSIM	% Solid:	0
Sample Wt/Vol:	25 Units: mL	Final Vol:	25000 uL
Soil Aliquot Vol:	uL	Test:	VOC-SIM
GC Column:	DB-624UI ID : 0.18	Level :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VV038814.D	1		06/18/25 12:11	VV061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl chloride	0.021	U	0.021	0.050	ug/L
SURROGATES						
6745-35-3	Vinyl Chloride-d3	0.52		40 - 130	104.6%	SPK: 0.5
17060-07-0	1,2-Dichloroethane-d4	0.52		70 - 130	104.8%	SPK: 0.5
93952-08-0	1,2-Dichloropropane-d6	0.54		60 - 140	107.6%	SPK: 0.5
2037-26-5	Toluene-d8	0.52		70 - 130	103.6%	SPK: 0.5
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.50		65 - 120	100.6%	SPK: 0.5
INTERNAL STANDARDS						
3114-55-4	Chlorobenzene-d5	5930	8.8			
540-36-3	1,4-Difluorobenzene	6090	5.566			
3855-82-1	1,4-Dichlorobenzene-d4	2590	11.191			

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

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Surrogate Summary

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Analytical Method: SFAM_VOCSIM

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2275-02	OW-08B-72.5-060925-SIM	Vinyl chloride-d3	0.5	0.49	98	40	130
		1,2-Dichloroethane-d4	0.5	0.50	100	70	130
		1,2-Dichloropropane-d6	0.5	0.53	107	60	140
		Toluene-d8	0.5	0.50	100	70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.51	102	65	120
Q2275-04	EB01-060925-SIM	Vinyl chloride-d3	0.5	0.52	105	40	130
		1,2-Dichloroethane-d4	0.5	0.52	105	70	130
		1,2-Dichloropropane-d6	0.5	0.54	108	60	140
		Toluene-d8	0.5	0.52	104	70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.50	101	65	120
VV0618WBL01	VBLK228	Vinyl chloride-d3	0.5	0.43	87	40	130
		1,2-Dichloroethane-d4	0.5	0.49	99	70	130
		1,2-Dichloropropane-d6	0.5	0.53	106	60	140
		Toluene-d8	0.5	0.54	107	70	130
		1,1,2,2-Tetrachloroethane-d2	0.5	0.47	94	65	120

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK228

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: VV038812.D Lab Sample ID: VV0618WBL01

Date Analyzed: 06/18/2025 Time Analyzed: 10:56

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

Instrument ID: MSVOA_V

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OW-08B-72.5-060925-SIM	Q2275-02	VV038813.D	06/18/2025
EB01-060925-SIM	Q2275-04	VV038814.D	06/18/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: VV038795.D BFB Injection Date: 06/16/2025

Instrument ID: MSVOA_V BFB Injection Time: 08:45

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	19.1
75	30.0 - 60.0% of mass 95	52
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.4 (1.8) 1
174	50.0 - 100.0% of mass 95	77
175	5.0 - 9.0% of mass 174	6 (7.9) 1
176	95.0 - 101.0% of mass 174	73.5 (95.6) 1
177	5.0 - 9.0% of mass 176	4.7 (6.4) 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
VSTD0.05242	VSTD0.0542	VV038796.D	06/16/2025	09:28
VSTD0.1243	VSTD0.143	VV038797.D	06/16/2025	10:15
VSTD0.5244	VSTD0.544	VV038798.D	06/16/2025	10:43
VSTD001245	VSTD00145	VV038799.D	06/16/2025	11:14
VSTD002246	VSTD00246	VV038800.D	06/16/2025	11:36

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: VV038810.D BFB Injection Date: 06/18/2025

Instrument ID: MSVOA_V BFB Injection Time: 09:41

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	19.4
75	30.0 - 60.0% of mass 95	52.1
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	1.3 (1.7) 1
174	50.0 - 100.0% of mass 95	76.8
175	5.0 - 9.0% of mass 174	5.8 (7.6) 1
176	95.0 - 101.0% of mass 174	73.4 (95.6) 1
177	5.0 - 9.0% of mass 176	4.7 (6.4) 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
VSTD0.5322	VSTDCCC0.5	VV038811.D	06/18/2025	10:19
VBLK228	VV0618WBL01	VV038812.D	06/18/2025	10:56
OW-08B-72.5-060925-SIM	Q2275-02	VV038813.D	06/18/2025	11:49
EB01-060925-SIM	Q2275-04	VV038814.D	06/18/2025	12:11
VSTD0.5323	VSTDCCC0.5EC	VV038816.D	06/18/2025	13:09

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: VV038811.D Date Analyzed: 06/18/2025

Instrument ID: MSVOA_V Time Analyzed: 10:19

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

	IS1 (DFB) AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
12 HOUR STD	6326	5.57	5881	8.79	2552	11.19
UPPER LIMIT	12652	5.736	11762	8.955	5104	11.361
LOWER LIMIT	3163	5.396	2940.5	8.615	1276	11.021
EPA SAMPLE NO.						
OW-08B-72.5-060925-SIM	6485	5.57	5976	8.79	2595	11.19
EB01-060925-SIM	6087	5.57	5929	8.80	2589	11.19
VBLK228	7230	5.57	6612	8.79	2640	11.19

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VBLK228	SDG No.:	Q2275
Lab Sample ID:	VV0618WBL01	Matrix:	Water
Analytical Method:	SFAM_VOCSIM	% Solid:	0
Sample Wt/Vol:	25 Units: mL	Final Vol:	25000 uL
Soil Aliquot Vol:	uL	Test:	VOC-SIM
GC Column:	DB-624UI ID : 0.18	Level :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VV038812.D	1		06/18/25 10:56	VV061825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl chloride	0.021	U	0.021	0.050	ug/L
SURROGATES						
6745-35-3	Vinyl Chloride-d3	0.43		40 - 130	86.6%	SPK: 0.5
17060-07-0	1,2-Dichloroethane-d4	0.49		70 - 130	98.6%	SPK: 0.5
93952-08-0	1,2-Dichloropropane-d6	0.53		60 - 140	106%	SPK: 0.5
2037-26-5	Toluene-d8	0.54		70 - 130	107.4%	SPK: 0.5
33685-54-0	1,1,2,2-Tetrachloroethane-d2	0.47		65 - 120	94.2%	SPK: 0.5
INTERNAL STANDARDS						
3114-55-4	Chlorobenzene-d5	6610	8.785			
540-36-3	1,4-Difluorobenzene	7230	5.566			
3855-82-1	1,4-Dichlorobenzene-d4	2640	11.191			

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG No.: Q2275

Instrument ID: MSVOA_V Calibration Date(s): 06/16/2025 06/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:28 11:36

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

LAB FILE ID: RRF0.05= VV038796.D RRF0.1 = VV038797.D RRF0.5 = VV038798.D
RRF001 = VV038799.D RRF002 = VV038800.D RRF =

COMPOUND	RRF0.05	RRF0.1	RRF0.5	RRF001	RRF002	RRF	$\overline{RRF}$	% RSD
Vinyl chloride	0.990	0.868	0.877	0.905	0.861		0.900	5.9
Vinyl Chloride-d3	0.474	0.471	0.468	0.495	0.467		0.475	2.4
1,2-Dichloroethane-d4	0.211	0.222	0.227	0.255	0.250		0.233	8.1
1,2-Dichloropropane-d6	0.243	0.269	0.298	0.314	0.292		0.283	9.8
Toluene-d8	0.525	0.519	0.583	0.631	0.601		0.572	8.5
1,1,2,2-Tetrachloroethane-d2	0.190	0.181	0.203	0.218	0.202		0.199	7.1

* 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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG No.: Q2275

Instrument ID: MSVOA_V Calibration Date/Time: 06/18/2025 10:19

Lab File ID: VV038811.D Init. Calib. Date(s): 06/16/2025 06/16/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:28 11:36

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Vinyl chloride	0.900	0.928	0.01	3.1	30
Vinyl Chloride-d3	0.475	0.512	0.01	7.8	30
1,2-Dichloroethane-d4	0.233	0.243	0.01	4.1	25
1,2-Dichloropropane-d6	0.283	0.325	0.1	14.7	20
Toluene-d8	0.572	0.630	0.2	10.2	20
1,1,2,2-Tetrachloroethane-d2	0.199	0.216	0.01	8.7	25

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: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG No.: Q2275

Instrument ID: MSVOA_V Calibration Date/Time: 06/18/2025 13:09

Lab File ID: VV038816.D Init. Calib. Date(s): 06/16/2025 06/16/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:28 11:36

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Vinyl chloride	0.900	0.916	0.01	1.8	50
Vinyl Chloride-d3	0.475	0.492	0.01	3.7	50
1,2-Dichloroethane-d4	0.233	0.242	0.01	3.6	50
1,2-Dichloropropane-d6	0.283	0.307	0.1	8.4	50
Toluene-d8	0.572	0.584	0.2	2.1	50
1,1,2,2-Tetrachloroethane-d2	0.199	0.210	0.01	5.8	50

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_V\DATA\VV061825\
Data File : VV038813.D
Acq On : 18 Jun 2025 11:49
Operator : SY/MD
Sample : Q2275-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OW-08B-72.5-060925-SIM

Quant Time: Jun 18 12:19:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 18 12:17:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6485	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	5976	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2595	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	3032	0.492	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 98.000%			
4) 1,2-Dichloroethane-d4	4.970	65	1506	0.498	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 100.000%			
7) 1,2-Dichloropropane-d6	5.996	67	1804	0.533	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 106.000%			
8) Toluene-d8	7.254	98	3430	0.502	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 100.000%			
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1208	0.508	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 102.000%			

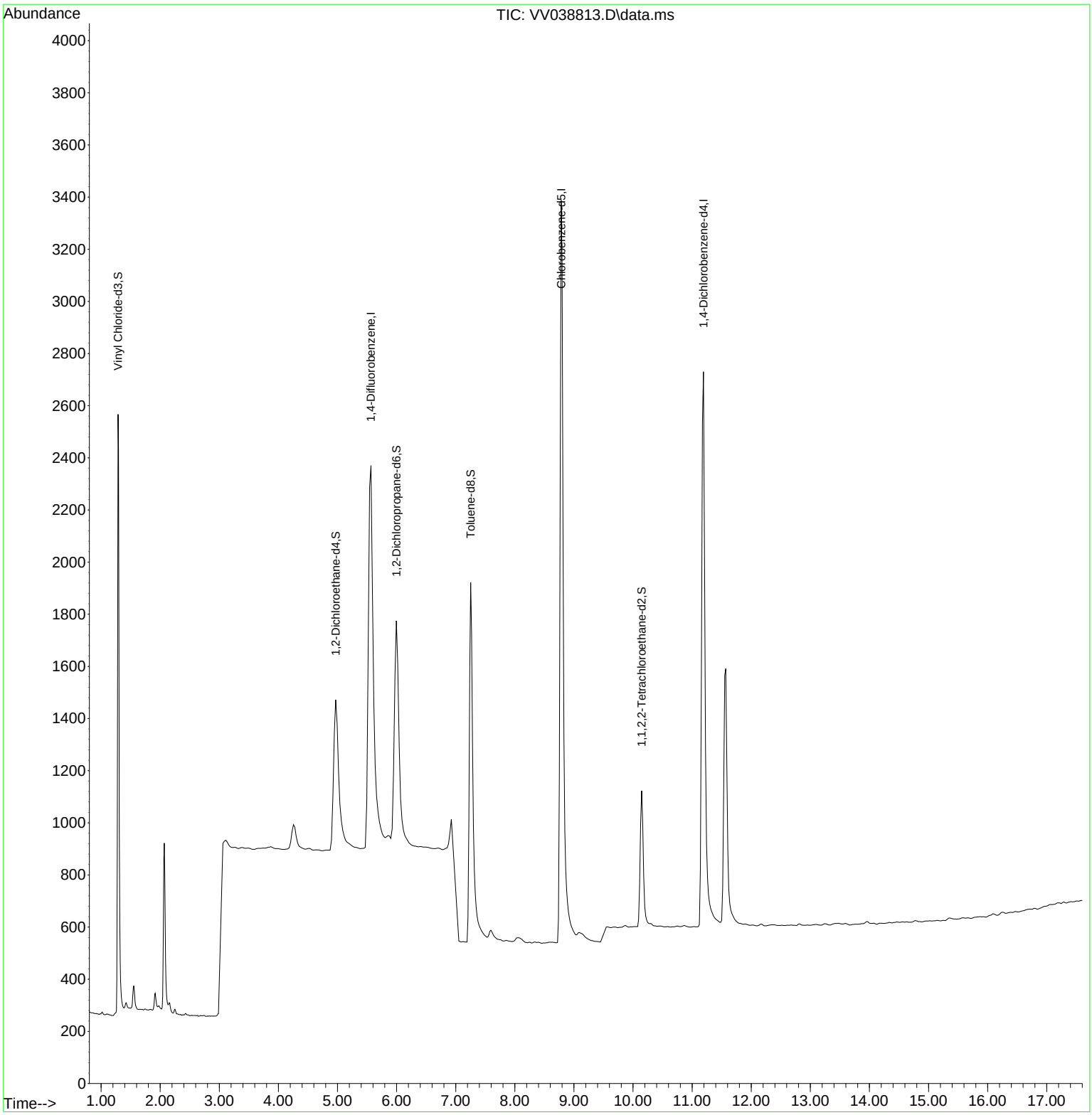
Target Compounds Qvalue

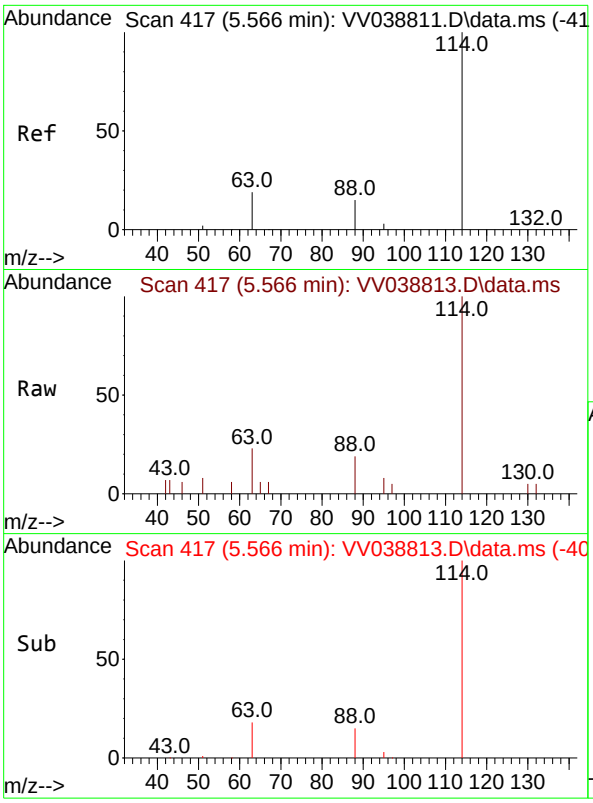
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061825\
Data File : VV038813.D
Acq On : 18 Jun 2025 11:49
Operator : SY/MD
Sample : Q2275-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OW-08B-72.5-060925-SIM

Quant Time: Jun 18 12:19:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 18 12:17:29 2025
Response via : Initial Calibration



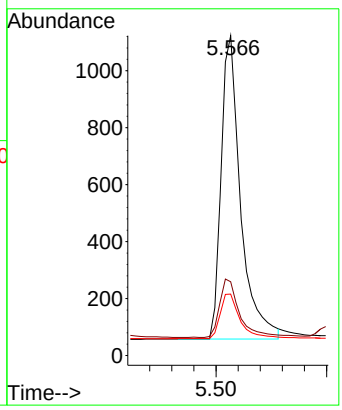


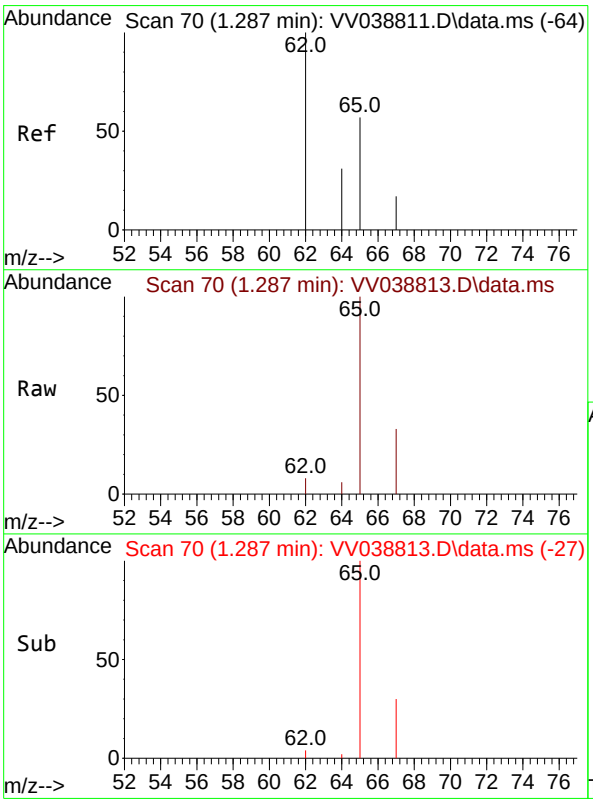
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038813.D
Acq: 18 Jun 2025 11:49

Instrument :
MSVOA_V
ClientSampleId :
OW-08B-72.5-060925-SIM

Tgt Ion:114 Resp: 6485

Ion	Ratio	Lower	Upper
114	100		
63	19.5	14.6	21.8
88	14.8	12.1	18.1

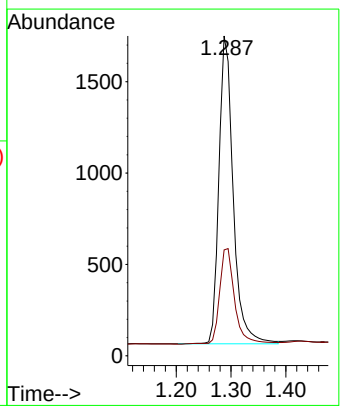


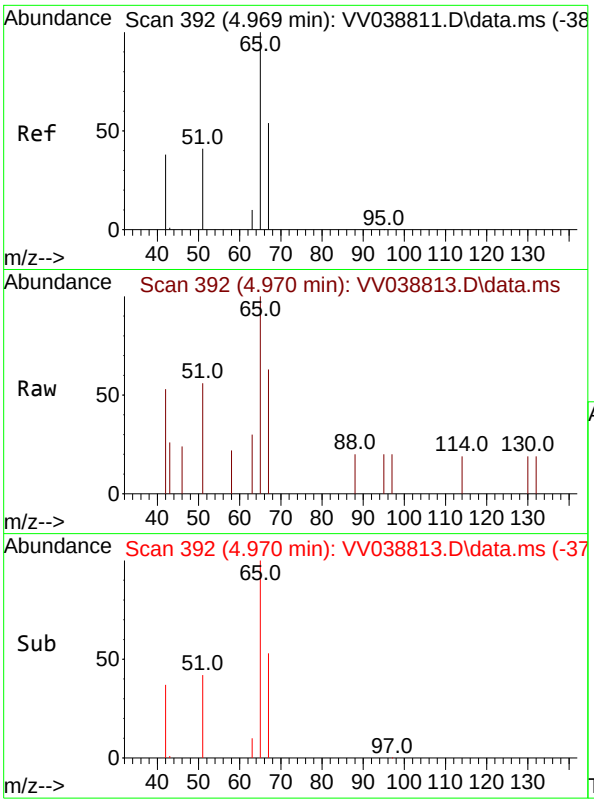


#2
Vinyl Chloride-d3
Concen: 0.492 ug/L
RT: 1.287 min Scan# 70
Delta R.T. 0.000 min
Lab File: VV038813.D
Acq: 18 Jun 2025 11:49

Tgt Ion: 65 Resp: 3032

Ion	Ratio	Lower	Upper
65	100		
67	33.1	24.4	45.4



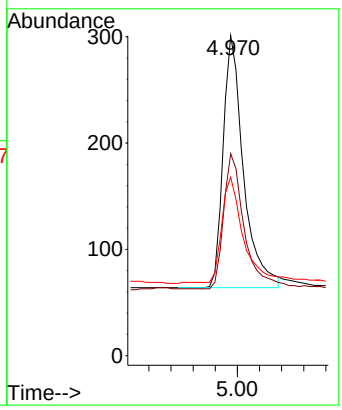


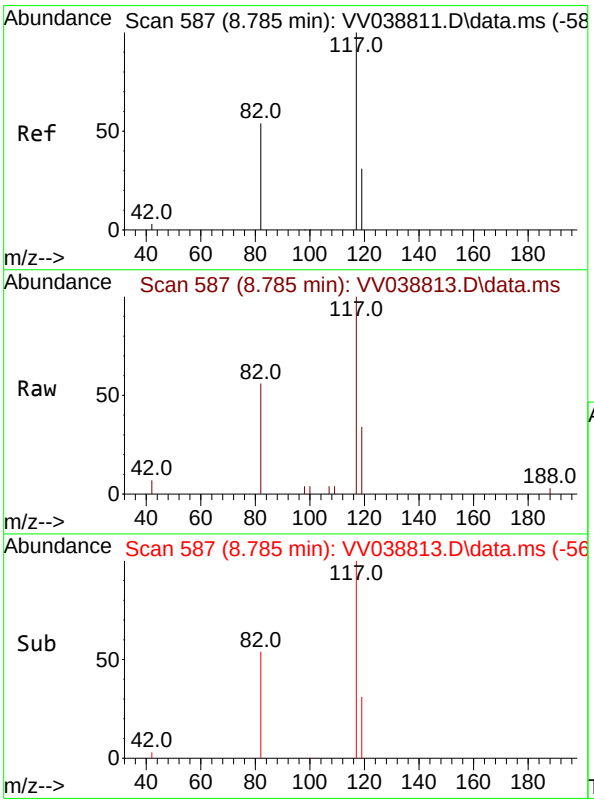
#4
1,2-Dichloroethane-d4
Concen: 0.498 ug/L
RT: 4.970 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV038813.D
Acq: 18 Jun 2025 11:49

Instrument :
MSVOA_V
ClientSampleId :
OW-08B-72.5-060925-SIM

Tgt Ion: 65 Resp: 1506

Ion	Ratio	Lower	Upper
65	100		
67	54.0	38.9	72.2
51	43.2	25.8	47.8

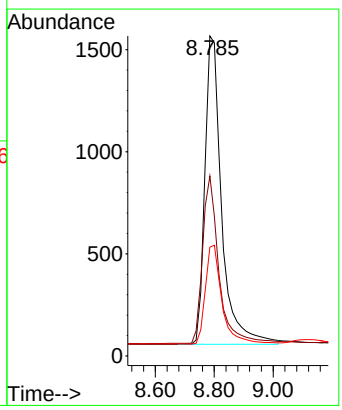


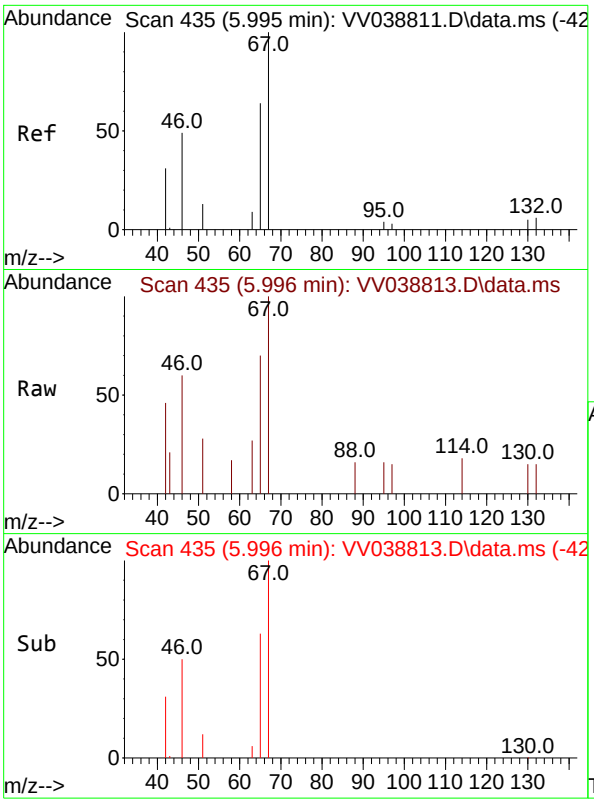


#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV038813.D
Acq: 18 Jun 2025 11:49

Tgt Ion:117 Resp: 5976

Ion	Ratio	Lower	Upper
117	100		
82	52.5	40.6	60.8
119	31.9	25.7	38.5



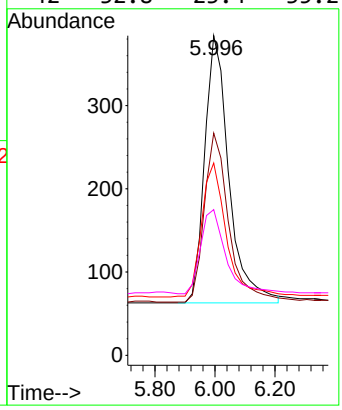


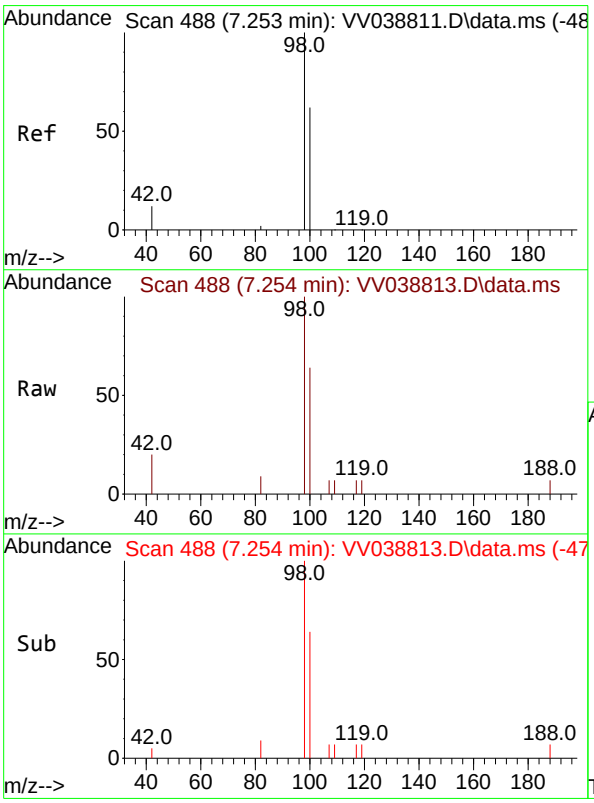
#7
1,2-Dichloropropane-d6
Concen: 0.533 ug/L
RT: 5.996 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV038813.D
Acq: 18 Jun 2025 11:49

Instrument :
MSVOA_V
ClientSampleId :
OW-08B-72.5-060925-SIM

Tgt Ion: 67 Resp: 1804

Ion	Ratio	Lower	Upper
67	100		
65	63.4	48.6	73.0
46	51.1	37.9	56.9
42	32.8	23.4	35.2

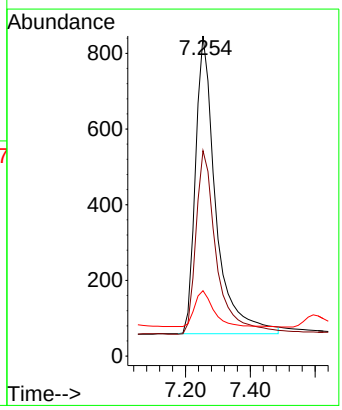


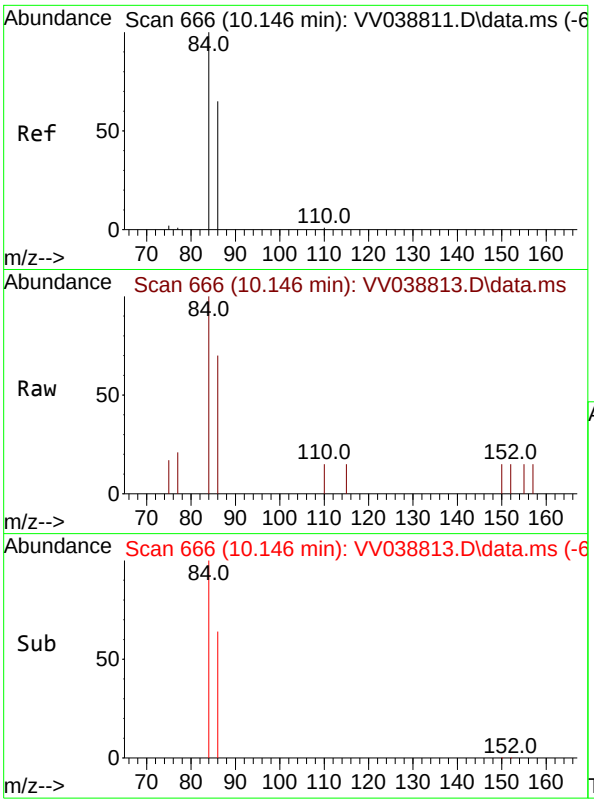


#8
Toluene-d8
Concen: 0.502 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.000 min
Lab File: VV038813.D
Acq: 18 Jun 2025 11:49

Tgt Ion: 98 Resp: 3430

Ion	Ratio	Lower	Upper
98	100		
100	62.4	44.9	83.5
42	11.6	6.3	11.7



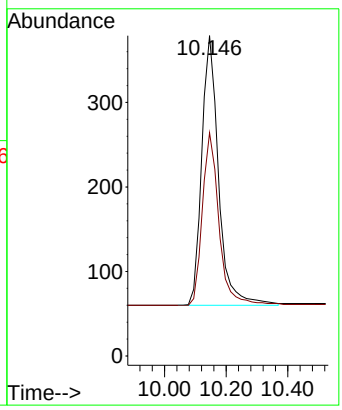


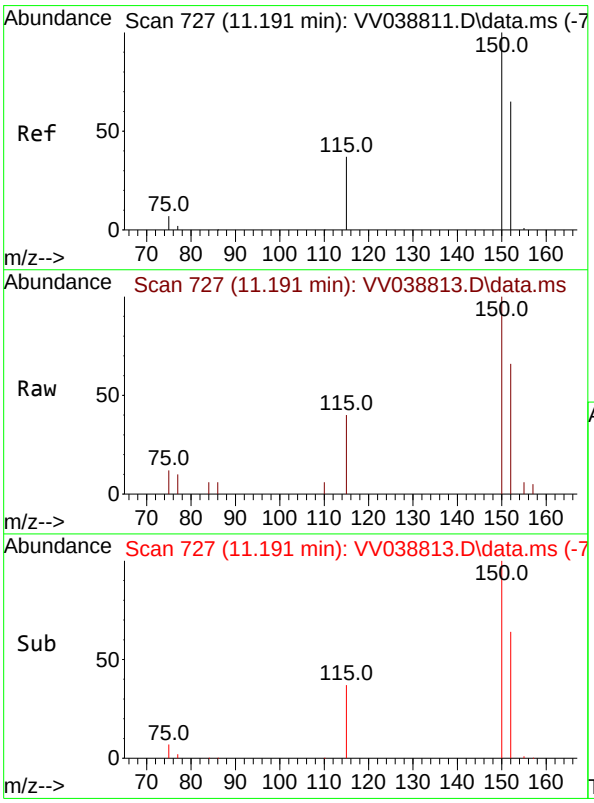
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.508 ug/L
RT: 10.146 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV038813.D
Acq: 18 Jun 2025 11:49

Instrument :
MSVOA_V
ClientSampleId :
OW-08B-72.5-060925-SIM

Tgt Ion: 84 Resp: 1208

Ion	Ratio	Lower	Upper
84	100		
86	63.1	44.7	82.9

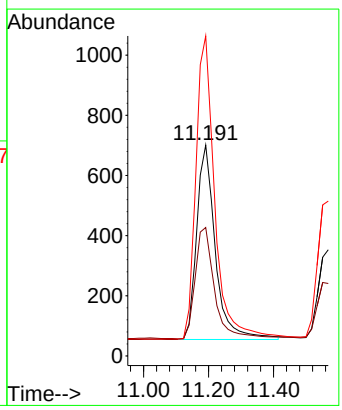




#11
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.191 min Scan# 727
Delta R.T. 0.000 min
Lab File: VV038813.D
Acq: 18 Jun 2025 11:49

Tgt Ion:152 Resp: 2595

Ion	Ratio	Lower	Upper
152	100		
115	58.9	0.0	114.4
150	156.9	0.0	315.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061825\
Data File : VV038814.D
Acq On : 18 Jun 2025 12:11
Operator : SY/MD
Sample : Q2275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB01-060925-SIM

Quant Time: Jun 18 12:46:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 18 12:17:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6087	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5929	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	2589	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	3025	0.523	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 104.000%			
4) 1,2-Dichloroethane-d4	4.969	65	1486	0.524	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 104.000%			
7) 1,2-Dichloropropane-d6	5.995	67	1805	0.538	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 108.000%			
8) Toluene-d8	7.253	98	3510	0.518	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 104.000%			
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1186	0.503	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 100.000%			

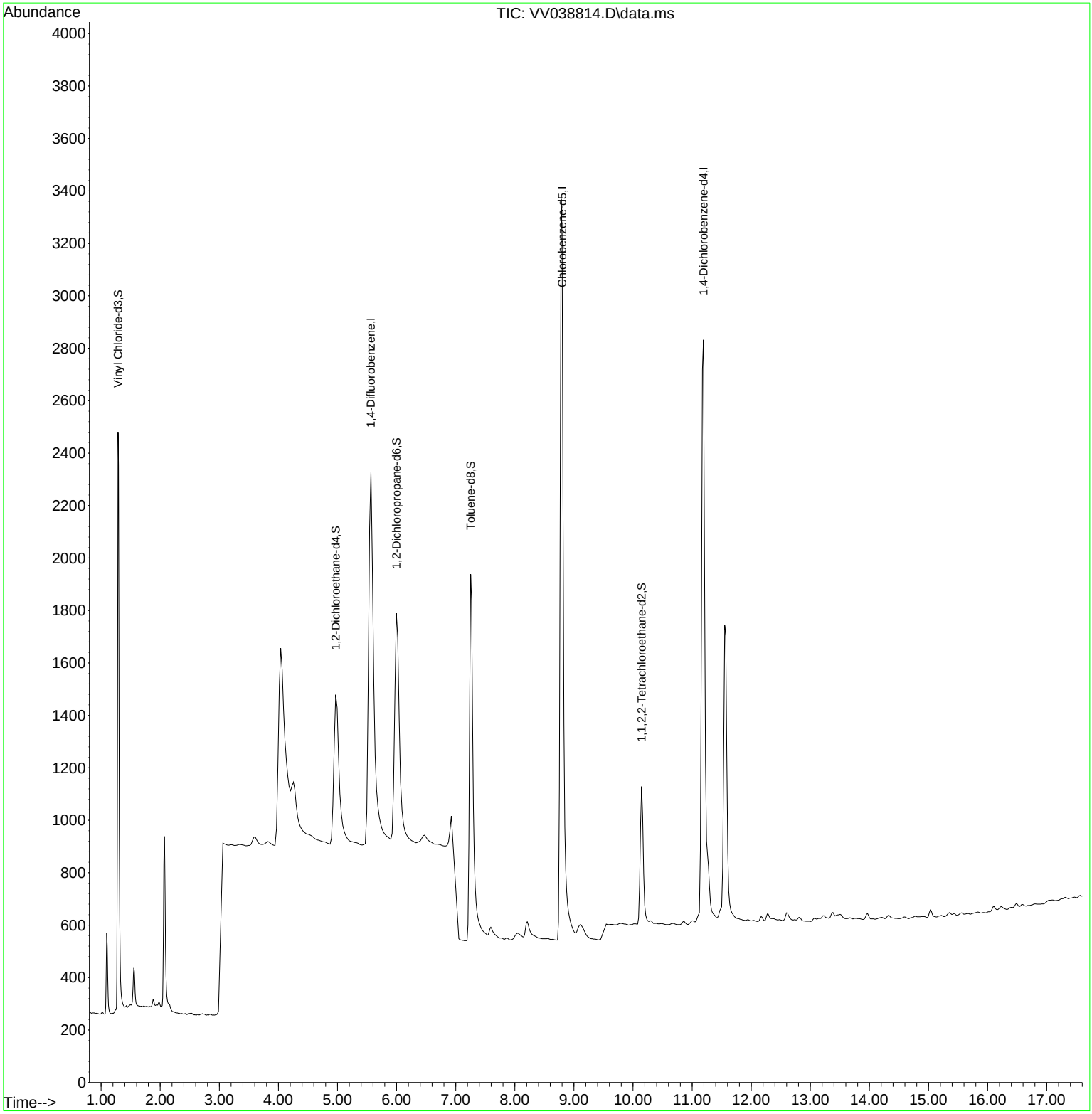
Target Compounds Qvalue

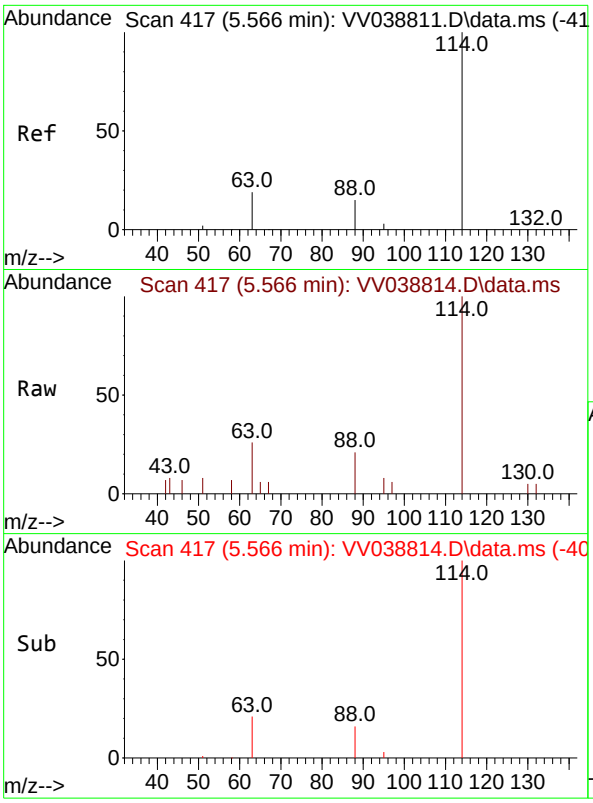
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061825\
Data File : VV038814.D
Acq On : 18 Jun 2025 12:11
Operator : SY/MD
Sample : Q2275-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EB01-060925-SIM

Quant Time: Jun 18 12:46:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 18 12:17:29 2025
Response via : Initial Calibration



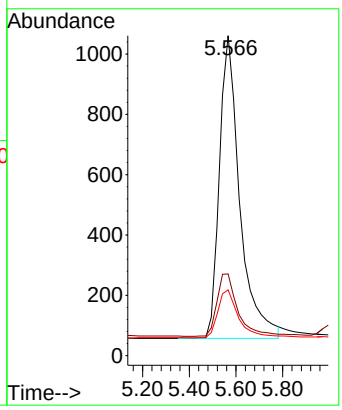


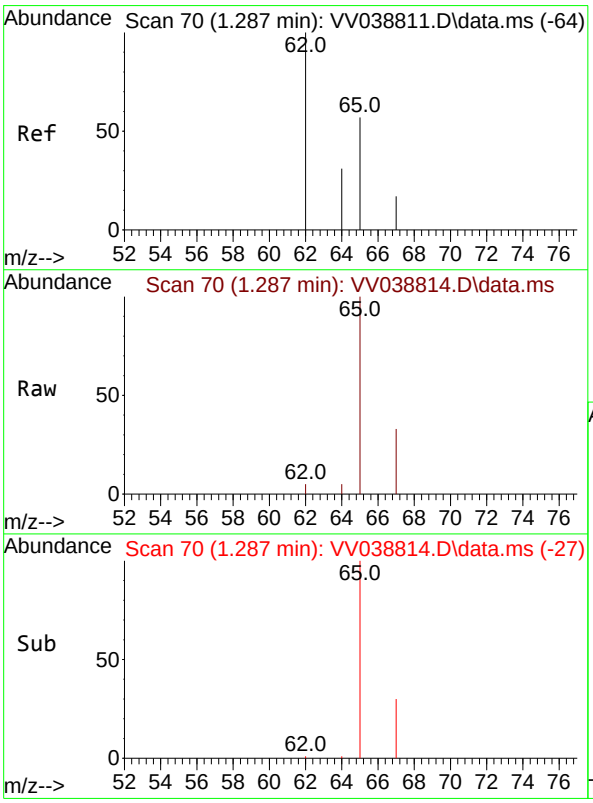
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038814.D
Acq: 18 Jun 2025 12:11

Instrument :
MSVOA_V
ClientSampleId :
EB01-060925-SIM

Tgt Ion:114 Resp: 6087

Ion	Ratio	Lower	Upper
114	100		
63	21.0	14.6	21.8
88	16.0	12.1	18.1

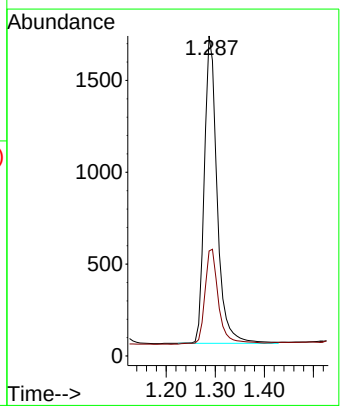


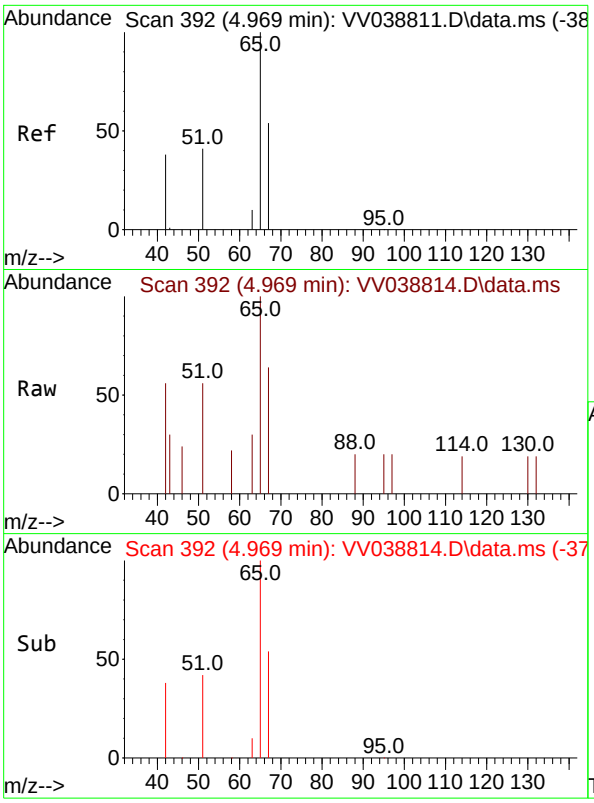


#2
Vinyl Chloride-d3
Concen: 0.523 ug/L
RT: 1.287 min Scan# 70
Delta R.T. 0.000 min
Lab File: VV038814.D
Acq: 18 Jun 2025 12:11

Tgt Ion: 65 Resp: 3025

Ion	Ratio	Lower	Upper
65	100		
67	33.4	24.4	45.4



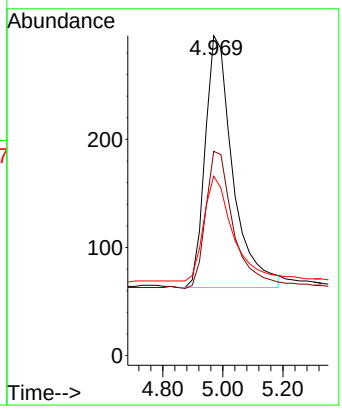


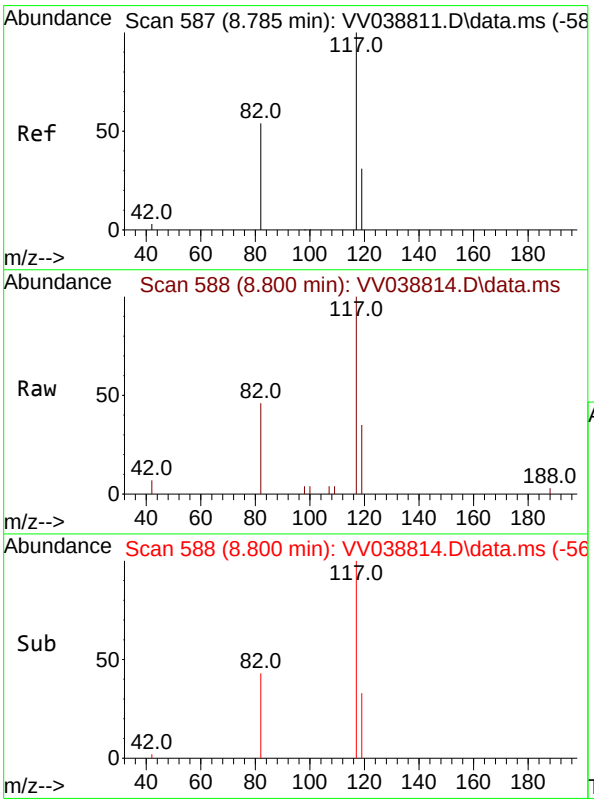
#4
1,2-Dichloroethane-d4
Concen: 0.524 ug/L
RT: 4.969 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV038814.D
Acq: 18 Jun 2025 12:11

Instrument :
MSVOA_V
ClientSampleId :
EB01-060925-SIM

Tgt Ion: 65 Resp: 1486

Ion	Ratio	Lower	Upper
65	100		
67	55.2	38.9	72.2
51	43.7	25.8	47.8

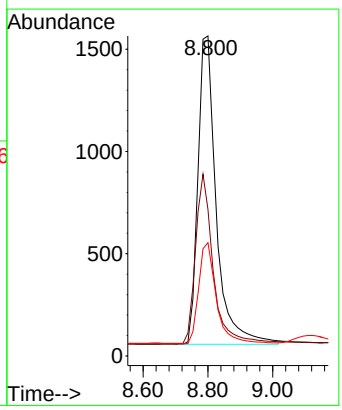


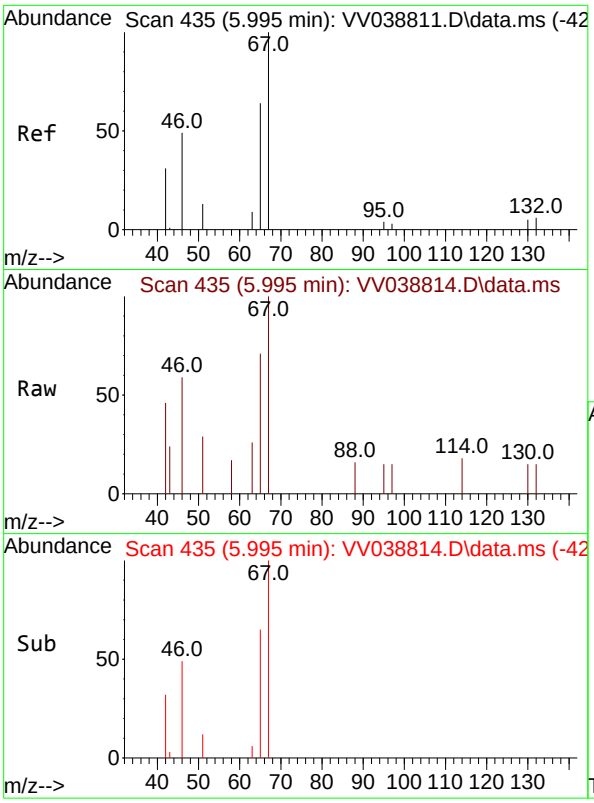


#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV038814.D
Acq: 18 Jun 2025 12:11

Tgt Ion:117 Resp: 5929

Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.6	60.8
119	31.8	25.7	38.5



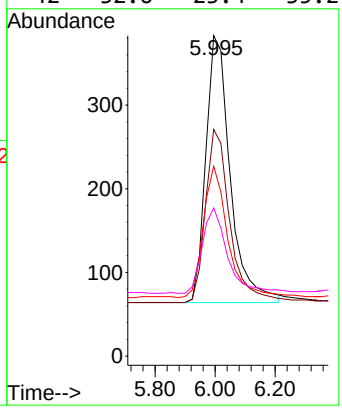


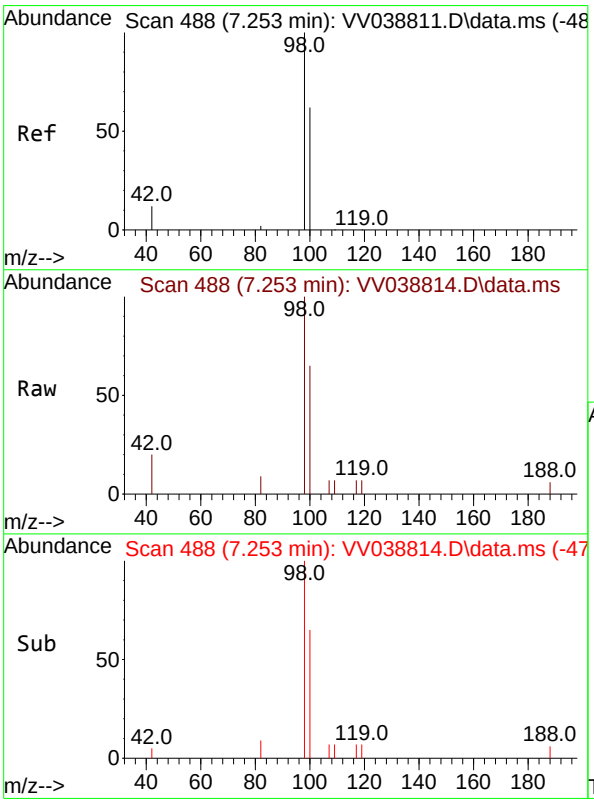
#7
1,2-Dichloropropane-d6
Concen: 0.538 ug/L
RT: 5.995 min Scan# 4
Delta R.T. -0.000 min
Lab File: VV038814.D
Acq: 18 Jun 2025 12:11

Instrument :
MSVOA_V
ClientSampleId :
EB01-060925-SIM

Tgt Ion: 67 Resp: 1805

Ion	Ratio	Lower	Upper
67	100		
65	64.7	48.6	73.0
46	48.9	37.9	56.9
42	32.6	23.4	35.2

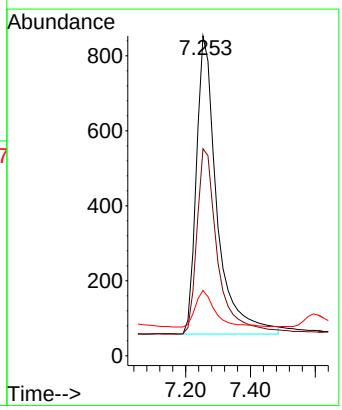


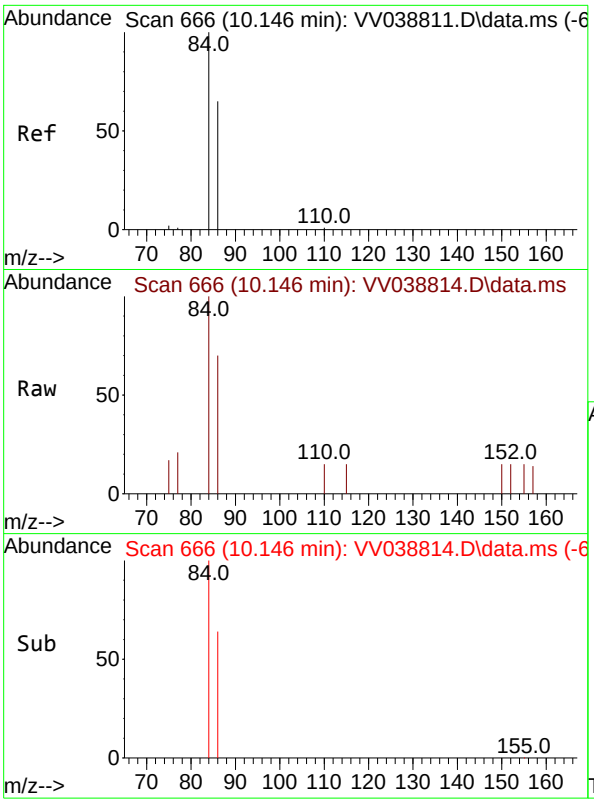


#8
Toluene-d8
Concen: 0.518 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.000 min
Lab File: VV038814.D
Acq: 18 Jun 2025 12:11

Tgt Ion: 98 Resp: 3510

Ion	Ratio	Lower	Upper
98	100		
100	62.6	44.9	83.5
42	11.7	6.3	11.7#



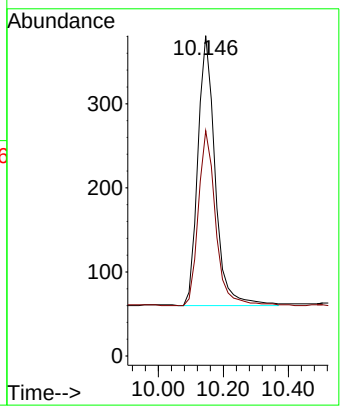


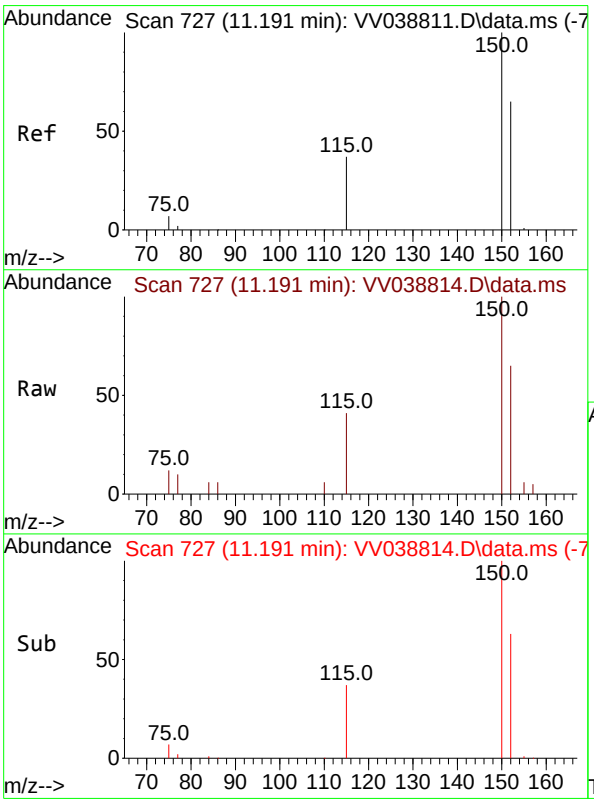
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.503 ug/L
RT: 10.146 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV038814.D
Acq: 18 Jun 2025 12:11

Instrument :
MSVOA_V
ClientSampleId :
EB01-060925-SIM

Tgt Ion: 84 Resp: 1186

Ion	Ratio	Lower	Upper
84	100		
86	64.7	44.7	82.9

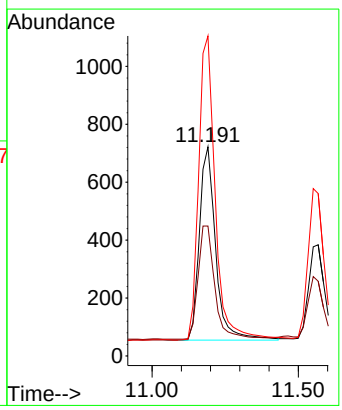




#11
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.191 min Scan# 727
Delta R.T. 0.000 min
Lab File: VV038814.D
Acq: 18 Jun 2025 12:11

Tgt Ion:152 Resp: 2589

Ion	Ratio	Lower	Upper
152	100		
115	60.1	0.0	114.4
150	159.3	0.0	315.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061825\
Data File : VV038812.D
Acq On : 18 Jun 2025 10:56
Operator : SY/MD
Sample : VV0618WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK228

Quant Time: Jun 18 12:18:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 18 12:17:29 2025
Response via : Initial Calibration

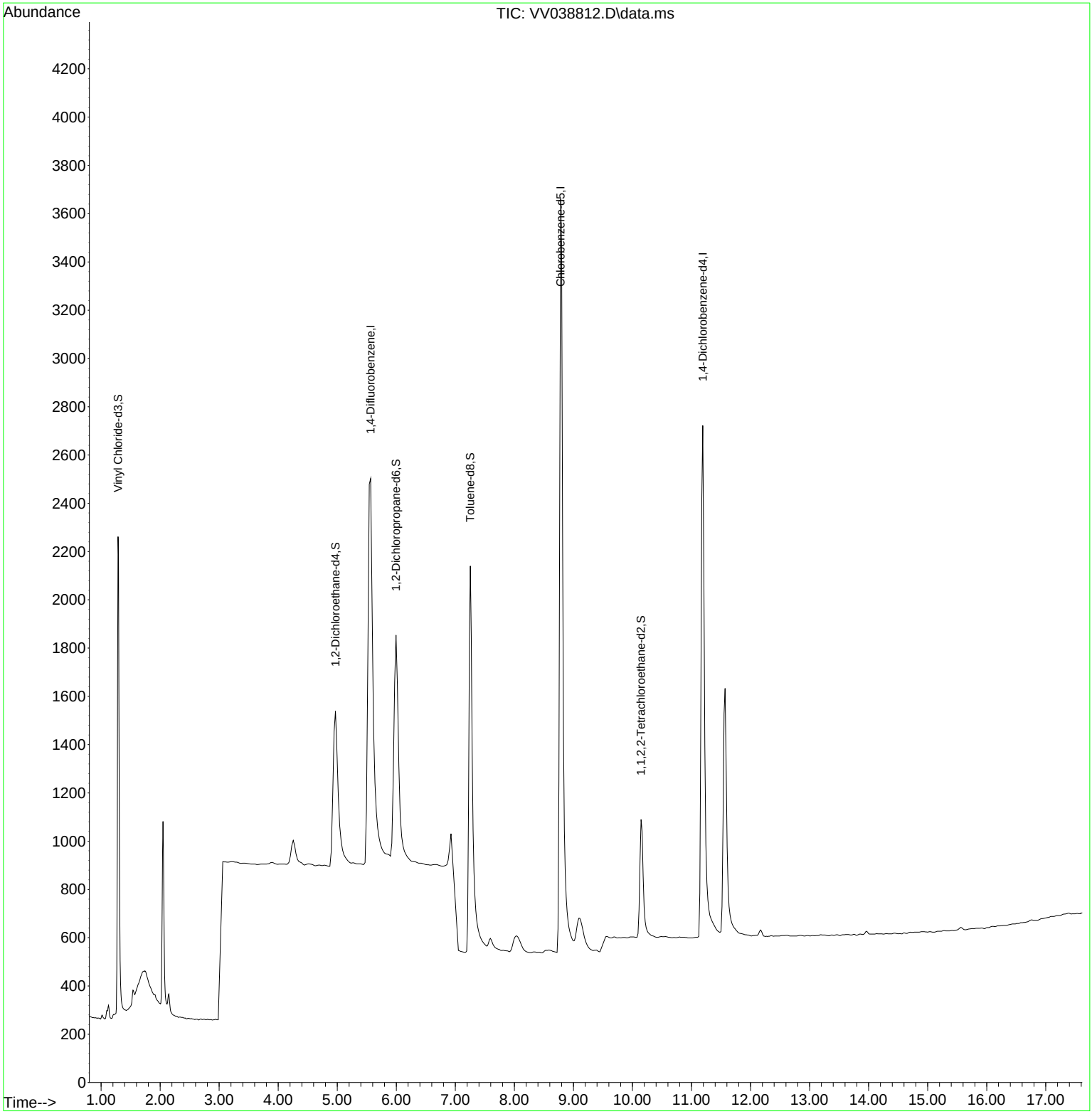
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7230	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6612	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2640	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	2970	0.433	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 86.000%			
4) 1,2-Dichloroethane-d4	4.970	65	1662	0.493	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 98.000%			
7) 1,2-Dichloropropane-d6	5.996	67	1983	0.530	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 106.000%			
8) Toluene-d8	7.254	98	4057	0.537	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 108.000%			
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1239	0.471	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 94.000%			
Target Compounds						Qvalue

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

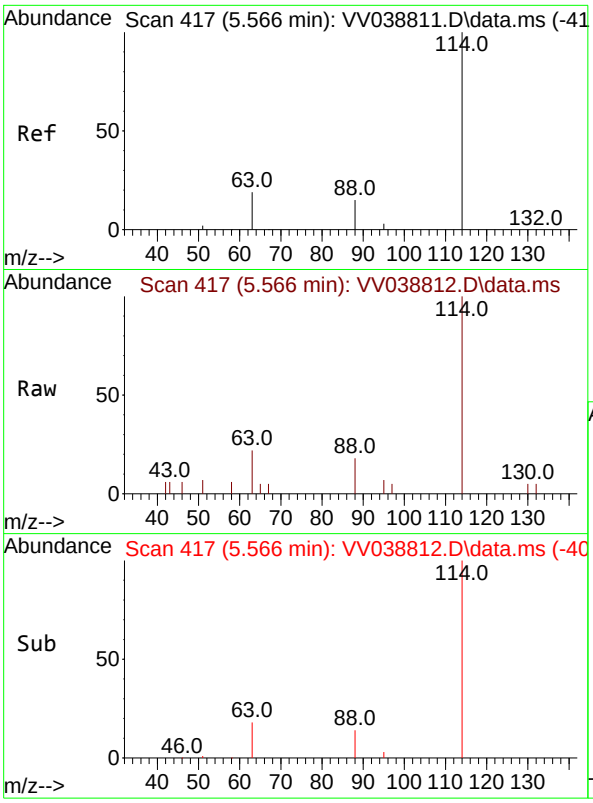
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061825\
Data File : VV038812.D
Acq On : 18 Jun 2025 10:56
Operator : SY/MD
Sample : VV0618WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK228

Quant Time: Jun 18 12:18:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 18 12:17:29 2025
Response via : Initial Calibration



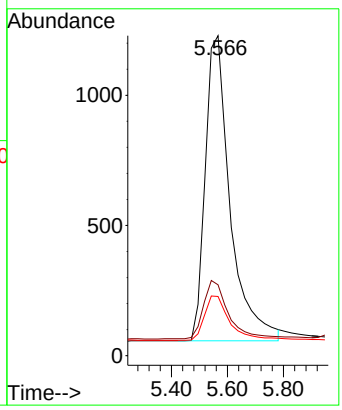
Instrument :
MSVOA_V
ClientSampleId :
VBLK228

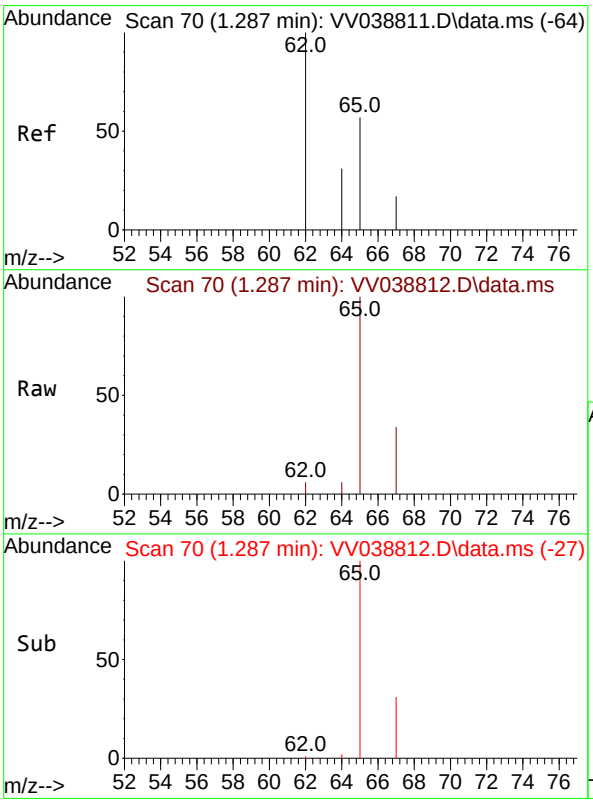


#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038812.D
Acq: 18 Jun 2025 10:56

Tgt Ion:114 Resp: 7230

Ion	Ratio	Lower	Upper
114	100		
63	19.3	14.6	21.8
88	14.7	12.1	18.1

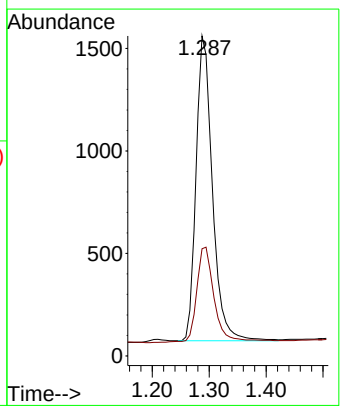


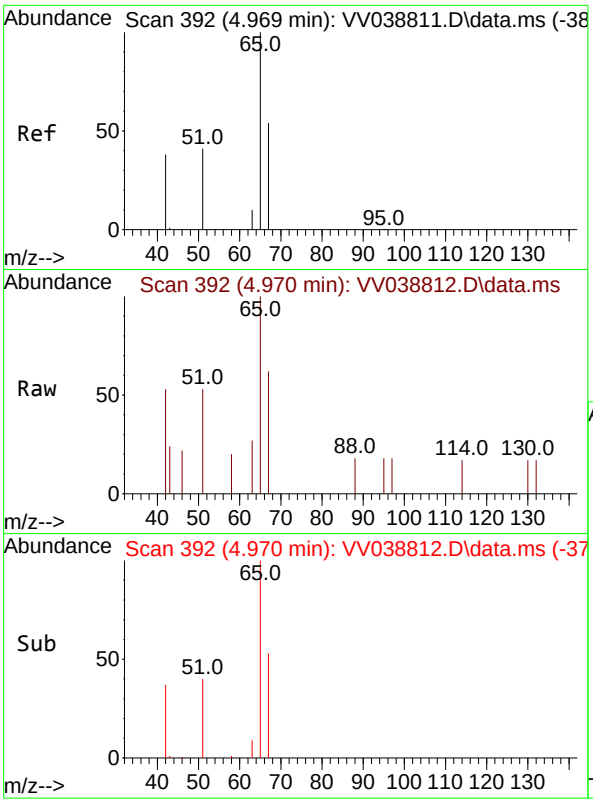


#2
Vinyl Chloride-d3
Concen: 0.433 ug/L
RT: 1.287 min Scan# 70
Delta R.T. 0.000 min
Lab File: VV038812.D
Acq: 18 Jun 2025 10:56

Tgt Ion: 65 Resp: 2970

Ion	Ratio	Lower	Upper
65	100		
67	34.5	24.4	45.4



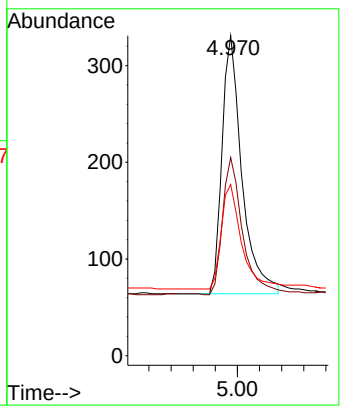


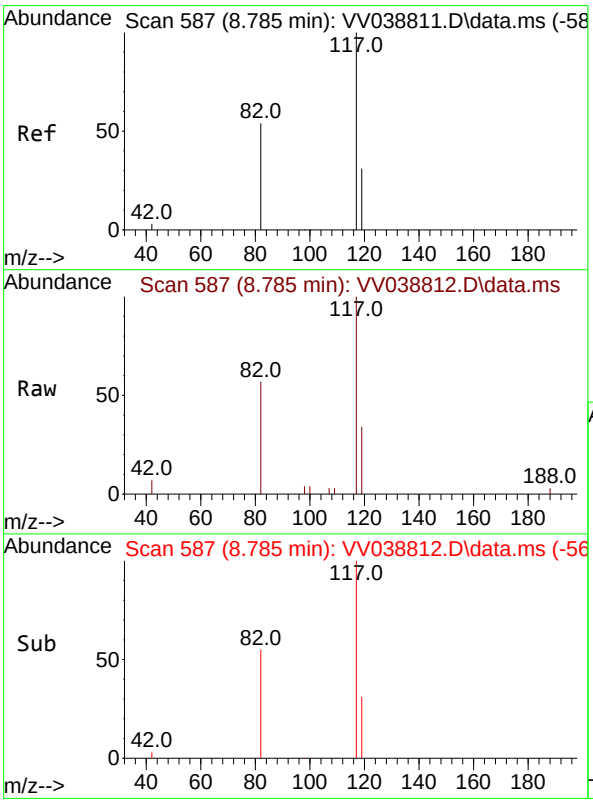
#4
1,2-Dichloroethane-d4
Concen: 0.493 ug/L
RT: 4.970 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV038812.D
Acq: 18 Jun 2025 10:56

Instrument :
MSVOA_V
ClientSampleId :
VBLK228

Tgt Ion: 65 Resp: 1662

Ion	Ratio	Lower	Upper
65	100		
67	53.5	38.9	72.2
51	41.1	25.8	47.8

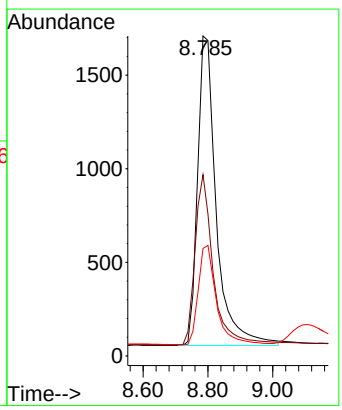


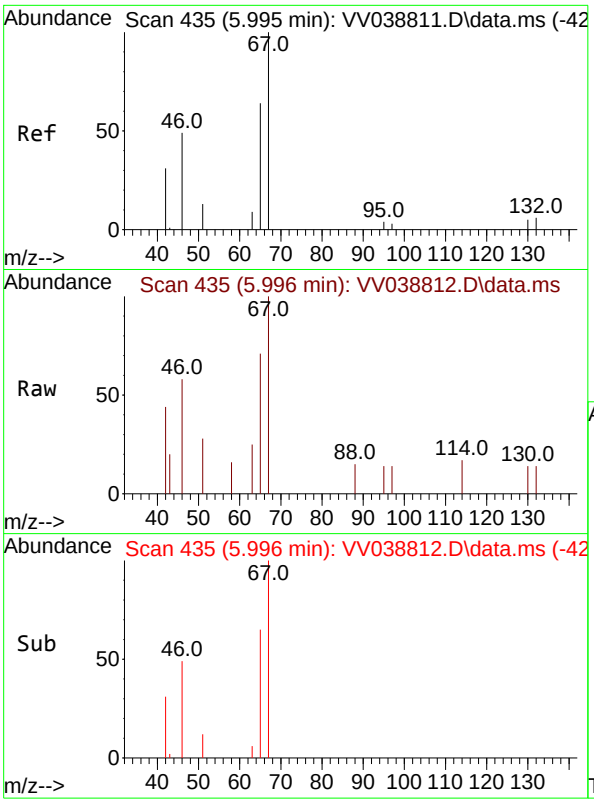


#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV038812.D
Acq: 18 Jun 2025 10:56

Tgt Ion:117 Resp: 6612

Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.6	60.8
119	31.3	25.7	38.5



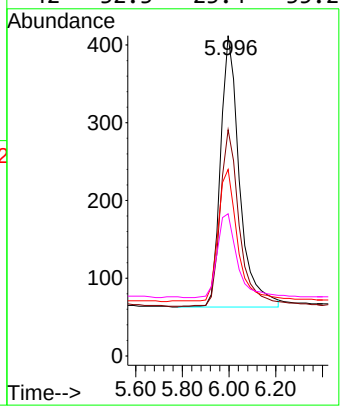


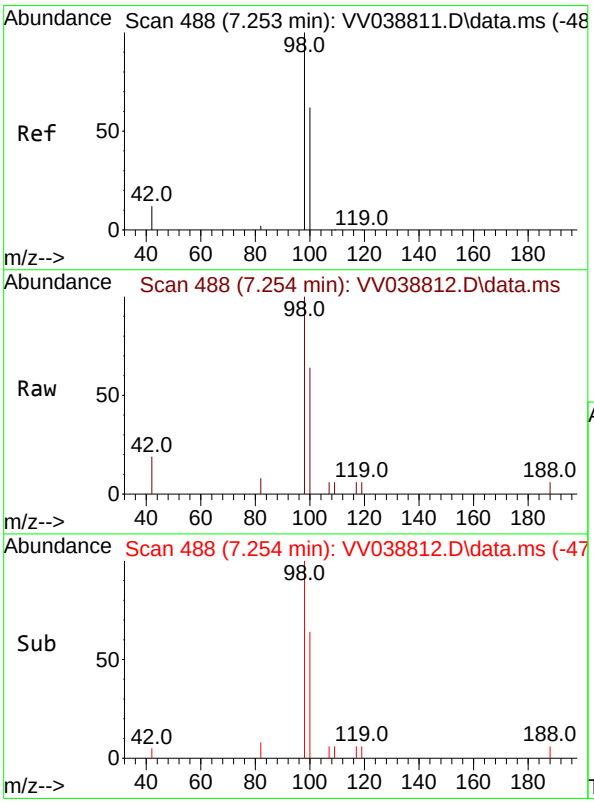
#7
1,2-Dichloropropane-d6
Concen: 0.530 ug/L
RT: 5.996 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV038812.D
Acq: 18 Jun 2025 10:56

Instrument :
MSVOA_V
ClientSampleId :
VBLK228

Tgt Ion: 67 Resp: 1983

Ion	Ratio	Lower	Upper
67	100		
65	65.3	48.6	73.0
46	48.8	37.9	56.9
42	32.3	23.4	35.2

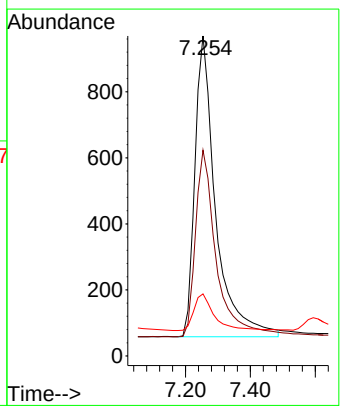


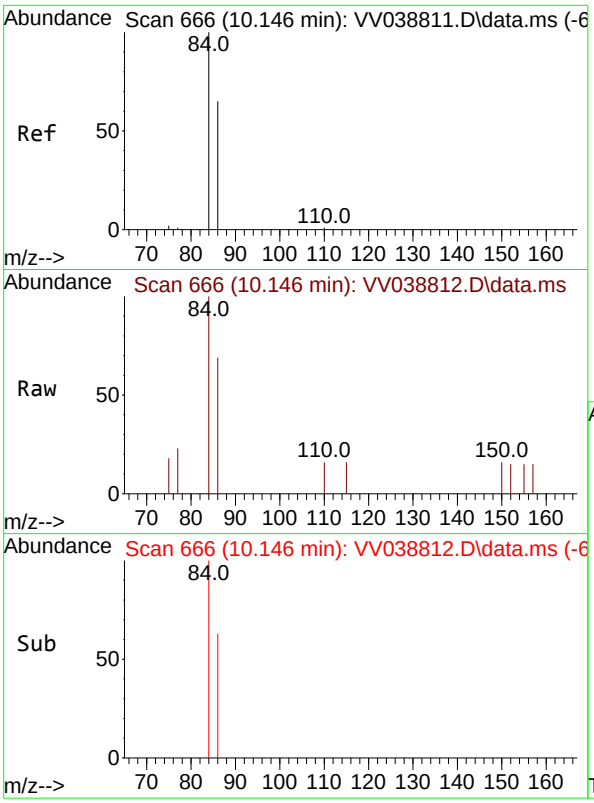


#8
Toluene-d8
Concen: 0.537 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.000 min
Lab File: VV038812.D
Acq: 18 Jun 2025 10:56

Tgt Ion: 98 Resp: 4057

Ion	Ratio	Lower	Upper
98	100		
100	62.2	44.9	83.5
42	12.1	6.3	11.7#



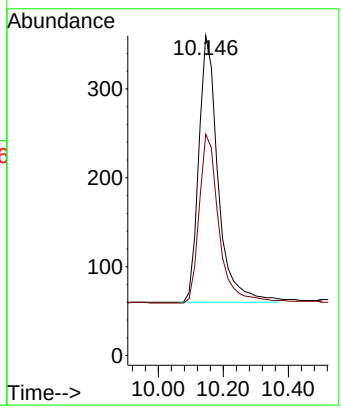


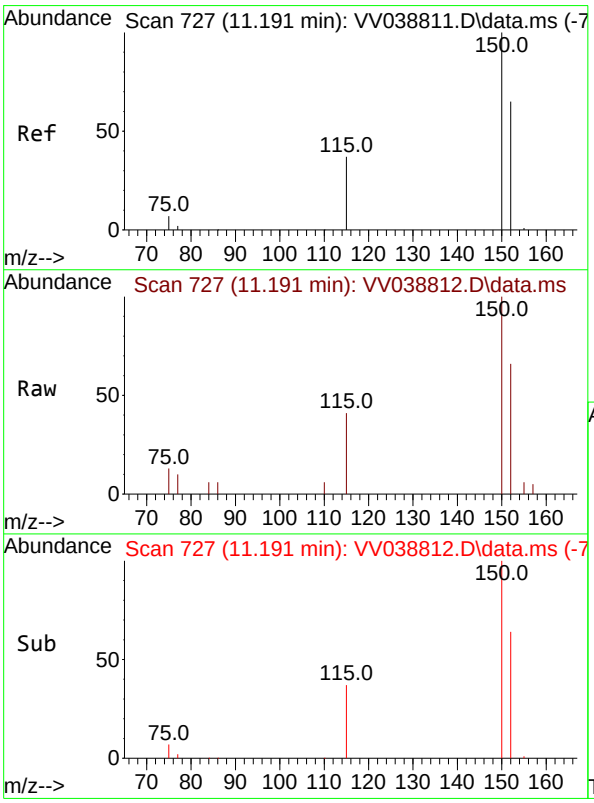
#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.471 ug/L
RT: 10.146 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV038812.D
Acq: 18 Jun 2025 10:56

Instrument :
MSVOA_V
ClientSampleId :
VBLK228

Tgt Ion: 84 Resp: 1239

Ion	Ratio	Lower	Upper
84	100		
86	64.6	44.7	82.9

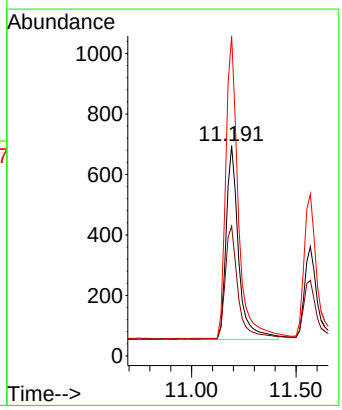




#11
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.191 min Scan# 727
Delta R.T. 0.000 min
Lab File: VV038812.D
Acq: 18 Jun 2025 10:56

Tgt Ion:152 Resp: 2640

Ion	Ratio	Lower	Upper
152	100		
115	60.1	0.0	114.4
150	157.5	0.0	315.4



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

Manual Integration Report

Sequence:	VV061625	Instrument	MSVOA_v

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

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

Manual Integration Report

Sequence:	VV061825	Instrument	MSVOA_v

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

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

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV061625

Review By	John Carlone	Review On	6/17/2025 8:36:26 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/17/2025 8:46:56 AM		
SubDirectory	VV061625	HP Acquire Method	EPASIM_V	HP Processing Method	sfamvsim061625w.m

STD. NAME	STD REF.#
Tune/Reschk	VP134339
Initial Calibration Stds	VP134341,VP134343,VP134345,VP135347,VP135349
CCC	VP135359,MDL-VP135357
Internal Standard/PEM	VP133385
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB235	VV038795.D	16 Jun 2025 08:45	SY/MD	Ok
2	VSTD0.0542	VV038796.D	16 Jun 2025 09:28	SY/MD	Ok
3	VSTD0.143	VV038797.D	16 Jun 2025 10:15	SY/MD	Ok
4	VSTD0.544	VV038798.D	16 Jun 2025 10:43	SY/MD	Ok
5	VSTD00145	VV038799.D	16 Jun 2025 11:14	SY/MD	Ok
6	VSTD00246	VV038800.D	16 Jun 2025 11:36	SY/MD	Ok
7	VSTDICV0.5	VV038801.D	16 Jun 2025 12:07	SY/MD	Ok
8	VV0616WBL01	VV038802.D	16 Jun 2025 13:06	SY/MD	Ok
9	Q2117-01	VV038803.D	16 Jun 2025 14:31	SY/MD	Ok
10	VSTDCCC0.5EC	VV038804.D	16 Jun 2025 15:07	SY/MD	Ok

M : Manual Integration

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

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV061825

Review By	Semsettin Yesilyurt	Review On	6/21/2025 1:34:48 AM				
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 6:49:43 AM				
SubDirectory	VV061825	HP Acquire Method	EPASIM_V	HP Processing Method	sfamvsim061625w.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134409
Initial Calibration Stds	
CCC	VP134410,VP134411
Internal Standard/PEM	VP133385
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB237	VV038810.D	18 Jun 2025 09:41	SY/MD	Ok
2	VSTDCCC0.5	VV038811.D	18 Jun 2025 10:19	SY/MD	Ok
3	VV0618WBL01	VV038812.D	18 Jun 2025 10:56	SY/MD	Ok
4	Q2275-02	VV038813.D	18 Jun 2025 11:49	SY/MD	Ok
5	Q2275-04	VV038814.D	18 Jun 2025 12:11	SY/MD	Ok
6	VIBLK224	VV038815.D	18 Jun 2025 12:47	SY/MD	Ok
7	VSTDCCC0.5EC	VV038816.D	18 Jun 2025 13:09	SY/MD	Ok

M : Manual Integration

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

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV061625

Review By	John Carlone	Review On	6/17/2025 8:36:26 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/17/2025 8:46:56 AM		
SubDirectory	VV061625	HP Acquire Method	EPASIM_V	HP Processing Method	sfamvsim061625w.m

STD. NAME	STD REF.#
Tune/Reschk	VP134339
Initial Calibration Stds	VP134341,VP134343,VP134345,VP135347,VP135349
CCC	VP135359,MDL-VP135357
Internal Standard/PEM	VP133385
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB235	BFB235	VV038795.D	16 Jun 2025 08:45		SY/MD	Ok
2	VSTD0.0542	VSTD0.05242	VV038796.D	16 Jun 2025 09:28		SY/MD	Ok
3	VSTD0.143	VSTD0.1243	VV038797.D	16 Jun 2025 10:15		SY/MD	Ok
4	VSTD0.544	VSTD0.5244	VV038798.D	16 Jun 2025 10:43		SY/MD	Ok
5	VSTD00145	VSTD001245	VV038799.D	16 Jun 2025 11:14		SY/MD	Ok
6	VSTD00246	VSTD002246	VV038800.D	16 Jun 2025 11:36		SY/MD	Ok
7	VSTDICV0.5	VICV247	VV038801.D	16 Jun 2025 12:07		SY/MD	Ok
8	VV0616WBL01	VBLK226	VV038802.D	16 Jun 2025 13:06		SY/MD	Ok
9	Q2117-01	MDL-WATER-QT2-202	VV038803.D	16 Jun 2025 14:31	trace-sim	SY/MD	Ok
10	VSTDCCC0.5EC	VSTD0.5319	VV038804.D	16 Jun 2025 15:07		SY/MD	Ok

M : Manual Integration

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

Instrument ID: MSVOA_V

Daily Analysis Runlog For Sequence/QCBatch ID # VV061825

Review By	Semsettin Yesilyurt	Review On	6/21/2025 1:34:48 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 6:49:43 AM		
SubDirectory	VV061825	HP Acquire Method	EPASIM_V	HP Processing Method	sfamvsim061625w.m

STD. NAME	STD REF.#
Tune/Reschk	VP134409
Initial Calibration Stds	
CCC	VP134410,VP134411
Internal Standard/PEM	VP133385
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB237	BFB237	VV038810.D	18 Jun 2025 09:41	VOC-SIM	SY/MD	Ok
2	VSTDCCC0.5	VSTD0.5322	VV038811.D	18 Jun 2025 10:19	pH#lot#v14222	SY/MD	Ok
3	VV0618WBL01	VBLK228	VV038812.D	18 Jun 2025 10:56		SY/MD	Ok
4	Q2275-02	OW-08B-72.5-060925-S	VV038813.D	18 Jun 2025 11:49	pH#1.0 C	SY/MD	Ok
5	Q2275-04	EB01-060925-SIM	VV038814.D	18 Jun 2025 12:11	pH#1.0 C	SY/MD	Ok
6	VIBLK224	VIBLK224	VV038815.D	18 Jun 2025 12:47		SY/MD	Ok
7	VSTDCCC0.5EC	VSTD0.5323	VV038816.D	18 Jun 2025 13:09		SY/MD	Ok

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2275	**OrderDate:**	6/10/2025 11:03:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	--Select--,D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2275-01	**OW-08B-72.5-060925**	**Water**			**06/08/25**			**06/10/25**
			VOCMS Group3	8260-Low			06/12/25	
Q2275-02	**OW-08B-72.5-060925 -SIM**	**Water**			**06/08/25**			**06/10/25**
			VOC-SIM	SFAM_VOCSIM			06/18/25	
Q2275-03	**EB01-060925**	**Water**			**06/08/25**			**06/10/25**
			VOCMS Group3	8260-Low			06/12/25	
Q2275-04	**EB01-060925-SIM**	**Water**			**06/08/25**			**06/10/25**
			VOC-SIM	SFAM_VOCSIM			06/18/25	
Q2275-05	**TB01-060925**	**Water**			**06/08/25**			**06/10/25**
			VOCMS Group3	8260-Low			06/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/08/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/10/25
Client Sample ID:	OW-08B-72.5-060925	SDG No.:	Q2275
Lab Sample ID:	Q2275-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037234.D	1	06/10/25 12:20	06/13/25 19:36	PB168391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.33		30 (20) - 150 (139)	83%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.39		30 (54) - 150 (157)	97%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.26		30 (27) - 130 (154)	66%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		30 (30) - 130 (155)	92%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.46		30 (54) - 130 (175)	115%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	870	7.582			
1146-65-2	Naphthalene-d8	2210	10.362			
15067-26-2	Acenaphthene-d10	1250	14.224			
1517-22-2	Phenanthrene-d10	2270	16.971			
1719-03-5	Chrysene-d12	1770	21.171			
1520-96-3	Perylene-d12	1820	23.36			

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/08/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/10/25
Client Sample ID:	EB01-060925	SDG No.:	Q2275
Lab Sample ID:	Q2275-03	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037235.D	1	06/10/25 12:20	06/13/25 20:12	PB168391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.22	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	90%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.40		30 (54) - 150 (157)	99%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		30 (27) - 130 (154)	87%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.42		30 (30) - 130 (155)	105%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.54	*	30 (54) - 130 (175)	134%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1110	7.582			
1146-65-2	Naphthalene-d8	2600	10.351			
15067-26-2	Acenaphthene-d10	1390	14.224			
1517-22-2	Phenanthrene-d10	2440	16.971			
1719-03-5	Chrysene-d12	1860	21.171			
1520-96-3	Perylene-d12	1970	23.36			

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

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Surrogate Summary

SW-846

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168391BL	PB168391BL	2-Methylnaphthalene-d10	0.4	0.32	81		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.41	103		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.26	64		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.28	69		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.35	88		30 (54)	130 (175)
PB168391BS	PB168391BS	2-Methylnaphthalene-d10	0.4	0.39	97		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.34	85		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	92		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	93		30 (54)	130 (175)
PB168391BSD	PB168391BSD	2-Methylnaphthalene-d10	0.4	0.37	91		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.34	85		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	86		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	95		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	92		30 (54)	130 (175)
Q2275-01	OW-08B-72.5-060925	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.39	97		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.26	66		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	92		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.46	115		30 (54)	130 (175)
Q2275-03	EB01-060925	2-Methylnaphthalene-d10	0.4	0.36	90		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.40	99		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	87		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.42	105		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	134	*	30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified **DataFile:** BN037236.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168391BS	1,4-Dioxane	0.4	0.39	ug/L	98				20 (65)	160 (116)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2275

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified **DataFile:** BN037237.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168391BSD	1,4-Dioxane	0.4	0.42	ug/L	105	7			20 (65)	160 (116)	20 (27)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168391BL

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: BN037233.D Lab Sample ID: PB168391BL

Instrument ID: BNA_N Date Extracted: 06/10/2025

Matrix: (soil/water) Water Date Analyzed: 06/13/2025

Level: (low/med) LOW Time Analyzed: 19:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168391BS	PB168391BS	BN037236.D	06/13/2025
OW-08B-72.5-060925	Q2275-01	BN037234.D	06/13/2025
EB01-060925	Q2275-03	BN037235.D	06/13/2025
PB168391BSD	PB168391BSD	BN037237.D	06/13/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM SAS No.: Q2275 SDG NO.: Q2275

Lab File ID: BN037223.D DFTPP Injection Date: 06/13/2025

Instrument ID: BNA_N DFTPP Injection Time: 11:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.1) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.3 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	90.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	12.6 (20.1) 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
SSTDICC0.1	SSTDICC0.1	BN037225.D	06/13/2025	13:33
SSTDICC0.2	SSTDICC0.2	BN037226.D	06/13/2025	14:10
SSTDICCC0.4	SSTDICCC0.4	BN037227.D	06/13/2025	14:46
SSTDICC0.8	SSTDICC0.8	BN037228.D	06/13/2025	15:22
SSTDICC1.6	SSTDICC1.6	BN037229.D	06/13/2025	15:59
SSTDICC3.2	SSTDICC3.2	BN037230.D	06/13/2025	16:35
SSTDICC5.0	SSTDICC5.0	BN037231.D	06/13/2025	17:11
PB168391BL	PB168391BL	BN037233.D	06/13/2025	19:00
OW-08B-72.5-060925	Q2275-01	BN037234.D	06/13/2025	19:36
EB01-060925	Q2275-03	BN037235.D	06/13/2025	20:12
PB168391BS	PB168391BS	BN037236.D	06/13/2025	20:49
PB168391BSD	PB168391BSD	BN037237.D	06/13/2025	21:25

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

EPA Sample No.: SSTDICCC0.4 Date Analyzed: 06/13/2025

Lab File ID: BN037227.D Time Analyzed: 14:46

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	1287	7.575	3210	10.36	1738	14.22
	UPPER LIMIT	2574	8.075	6420	10.861	3476	14.724
	LOWER LIMIT	643.5	7.075	1605	9.861	869	13.724
	EPA SAMPLE NO.						
01	EB01-060925	1109	7.58	2598	10.35	1390	14.22
02	PB168391BS	1477	7.58	3518	10.35	1759	14.22
03	PB168391BSD	1340	7.58	3197	10.35	1517	14.22
04	PB168391BL	1036	7.58	2301	10.37	1224	14.23
05	OW-08B-72.5-060925	870	7.58	2210	10.36	1250	14.22

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.: Q2275 SAS No.: Q2275 SDG NO.: Q2275

EPA Sample No.: SSTDICCC0.4 Date Analyzed: 06/13/2025

Lab File ID: BN037227.D Time Analyzed: 14:46

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	3195	16.971	2284	21.179	2150	23.365
	UPPER LIMIT	6390	17.471	4568	21.679	4300	23.865
	LOWER LIMIT	1597.5	16.471	1142	20.679	1075	22.865
	EPA SAMPLE NO.						
01	EB01-060925	2444	16.97	1856	21.17	1968	23.36
02	PB168391BS	2958	16.97	2090	21.17	1978	23.36
03	PB168391BSD	2544	16.97	1864	21.17	1823	23.36
04	PB168391BL	1841	17.00	1578	21.18	1599	23.37
05	OW-08B-72.5-060925	2268	16.97	1766	21.17	1823	23.36

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168391BL	SDG No.:	Q2275
Lab Sample ID:	PB168391BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037233.D	1	06/10/25 12:20	06/13/25 19:00	PB168391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.32		30 (20) - 150 (139)	81%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.41		30 (54) - 150 (157)	103%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.26		30 (27) - 130 (154)	64%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.28		30 (30) - 130 (155)	69%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.35		30 (54) - 130 (175)	88%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1040	7.582			
1146-65-2	Naphthalene-d8	2300	10.372			
15067-26-2	Acenaphthene-d10	1220	14.234			
1517-22-2	Phenanthrene-d10	1840	16.996			
1719-03-5	Chrysene-d12	1580	21.18			
1520-96-3	Perylene-d12	1600	23.368			

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168391BS	SDG No.:	Q2275
Lab Sample ID:	PB168391BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037236.D	1	06/10/25 12:20	06/13/25 20:49	PB168391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.39		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		30 (20) - 150 (139)	97%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.34		30 (54) - 150 (157)	85%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		30 (30) - 130 (155)	92%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	93%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1480	7.575			
1146-65-2	Naphthalene-d8	3520	10.351			
15067-26-2	Acenaphthene-d10	1760	14.224			
1517-22-2	Phenanthrene-d10	2960	16.971			
1719-03-5	Chrysene-d12	2090	21.171			
1520-96-3	Perylene-d12	1980	23.363			

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168391BSD	SDG No.:	Q2275
Lab Sample ID:	PB168391BSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037237.D	1	06/10/25 12:20	06/13/25 21:25	PB168391

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.42		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.37		30 (20) - 150 (139)	91%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.34		30 (54) - 150 (157)	85%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		30 (27) - 130 (154)	86%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		30 (30) - 130 (155)	95%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	92%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1340	7.575			
1146-65-2	Naphthalene-d8	3200	10.351			
15067-26-2	Acenaphthene-d10	1520	14.224			
1517-22-2	Phenanthrene-d10	2540	16.971			
1719-03-5	Chrysene-d12	1860	21.171			
1520-96-3	Perylene-d12	1820	23.363			

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 BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN061325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 13 18:43:34 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037225.D 0.2 =BN037226.D 0.4 =BN037227.D 0.8 =BN037228.D 1.6 =BN037229.D 3.2 =BN037230.D 5.0 =BN037231.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane		0.683	0.525	0.535	0.549	0.515	0.486	0.549	12.56
3)		n-Nitrosodimet...		1.357	1.277	1.208	1.295	1.232	1.134	1.250	6.18
4)	S	2-Fluorophenol	1.043	1.026	0.942	0.907	0.996	0.990	0.972	0.982	4.80
5)	S	Phenol-d6	0.875	0.937	0.963	0.986	1.148	1.166	1.173	1.035	11.94
6)		bis(2-Chloroet...	0.768	0.709	0.870	0.955	1.086	1.064	1.040	0.927	16.08
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.366	0.304	0.384	0.377	0.440	0.442	0.453	0.395	13.53
9)		Naphthalene	1.186	1.153	1.133	1.109	1.208	1.161	1.159	1.158	2.83
10)		Hexachlorobuta...	0.299	0.290	0.302	0.271	0.285	0.267	0.258	0.282	5.91
11)	SURR	2-Methylnaphth...	0.496	0.504	0.557	0.520	0.576	0.552	0.553	0.537	5.64
12)		2-Methylnaphth...	0.631	0.634	0.704	0.699	0.769	0.746	0.745	0.704	7.77
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.126	0.146	0.171	0.171	0.188	0.183	0.178	0.166	13.42
15)	S	2-Fluorobiphenyl	1.566	1.530	1.699	1.658	1.822	1.777	1.715	1.681	6.31
16)		Acenaphthylene	1.907	1.870	1.870	1.915	2.077	2.062	2.021	1.960	4.61
17)		Acenaphthene	1.242	1.209	1.240	1.230	1.341	1.318	1.277	1.265	3.87
18)		Fluorene	1.544	1.509	1.593	1.610	1.757	1.714	1.649	1.625	5.46
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.074	0.066	0.086	0.100	0.110	0.116	0.092	21.86
21)		4-Bromophenyl-...	0.248	0.248	0.244	0.256	0.278	0.276	0.273	0.261	5.65
22)		Hexachlorobenzene	0.342	0.318	0.311	0.284	0.297	0.284	0.279	0.302	7.65
23)		Atrazine	0.223	0.229	0.222	0.228	0.241	0.241	0.244	0.232	3.84
24)		Pentachlorophenol		0.139	0.124	0.137	0.154	0.162	0.171	0.148	11.86
25)		Phenanthrene	1.253	1.225	1.186	1.238	1.324	1.328	1.327	1.269	4.54
26)		Anthracene	1.094	1.079	1.080	1.138	1.221	1.257	1.261	1.161	7.13
27)	SURR	Fluoranthene-d10	1.015	1.073	1.053	1.017	1.053	1.043	1.073	1.046	2.27
28)		Fluoranthene	1.470	1.508	1.412	1.449	1.509	1.510	1.537	1.485	2.94
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.850	1.740	1.962	1.849	2.016	1.892	1.854	1.881	4.74
31)	S	Terphenyl-d14	0.815	0.845	0.946	0.871	0.990	0.939	0.924	0.904	6.89
32)		Benzo(a)anthra...	1.175	1.204	1.225	1.332	1.512	1.507	1.499	1.351	11.36
33)		Chrysene	1.783	1.722	1.695	1.617	1.711	1.633	1.616	1.683	3.73
34)		Bis(2-ethylhex...		1.104	1.024	1.000	1.006	0.942	0.960	1.006	5.65
35)	I	Perylene-d12	----------ISTD----------								

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN061325.M

36)		Indeno(1,2,3-c...	1.506	1.503	1.507	1.486	1.718	1.757	1.813	1.613	8.87
37)		Benzo(b)fluora...	1.309	1.288	1.376	1.456	1.618	1.576	1.620	1.463	9.81
38)		Benzo(k)fluora...	1.835	1.503	1.628	1.667	1.757	1.704	1.728	1.689	6.24
39)	C	Benzo(a)pyrene	1.271	1.208	1.234	1.298	1.407	1.382	1.413	1.316	6.42
40)		Dibenzo(a,h)an...	1.106	1.102	1.049	1.118	1.362	1.425	1.427	1.227	13.76
41)		Benzo(g,h,i)pe...	1.504	1.460	1.441	1.386	1.557	1.566	1.557	1.496	4.63

(#) = Out of Range

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037234.D
Acq On : 13 Jun 2025 19:36
Operator : RC/JU
Sample : Q2275-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Quant Time: Jun 13 23:00:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

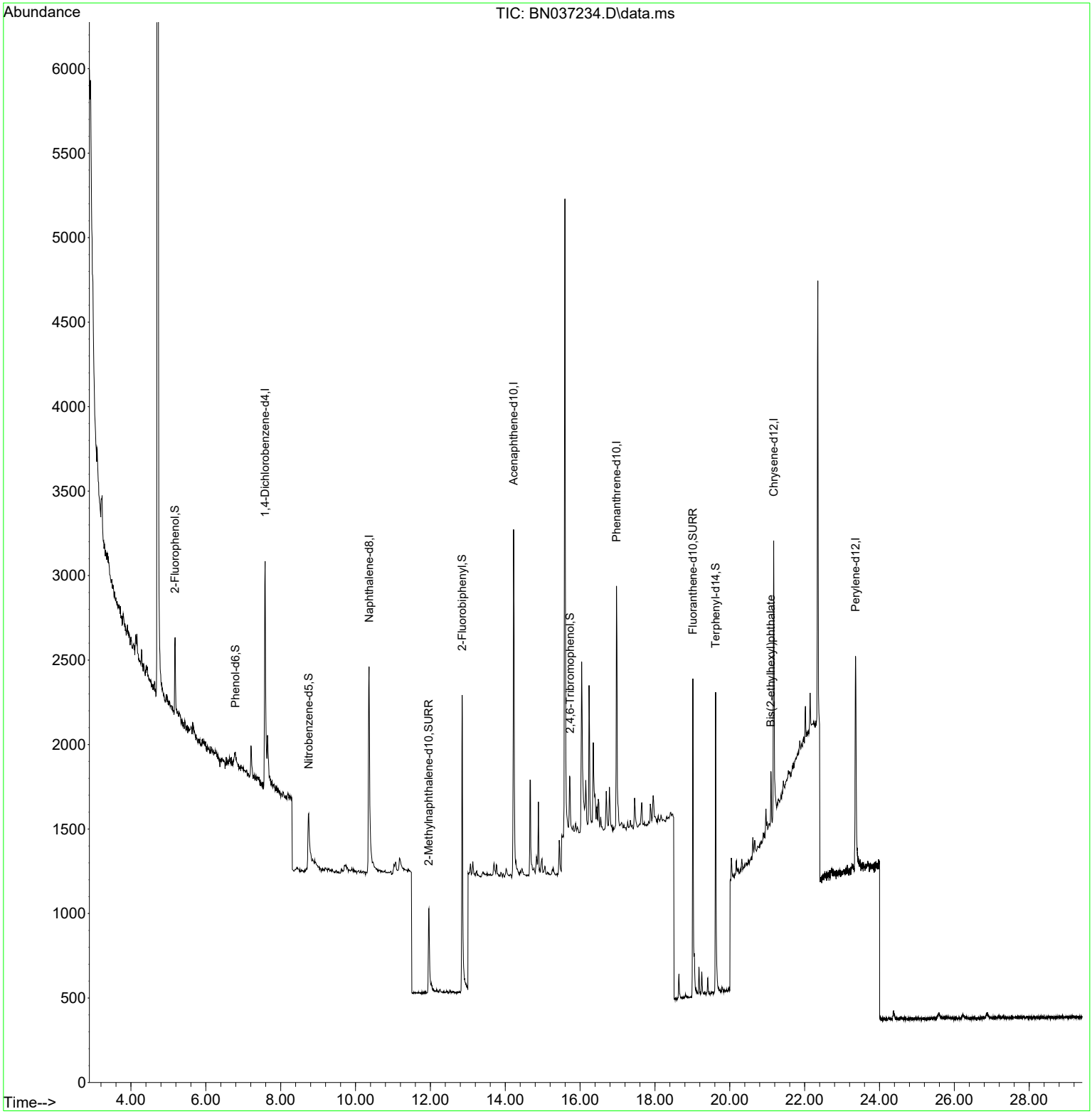
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	870	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2210	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1250	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2268	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1766	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	1823	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	342	0.160	ng	0.00
5) Phenol-d6	6.788	99	178	0.079	ng	0.03
8) Nitrobenzene-d5	8.749	82	575	0.263	ng	0.02
11) 2-Methylnaphthalene-d10	11.955	152	978	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	219	0.422	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1931	0.368	ng	0.00
27) Fluoranthene-d10	19.012	212	2315	0.390	ng	0.00
31) Terphenyl-d14	19.621	244	1835	0.460	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.099	149	325	0.073	ng	# 92

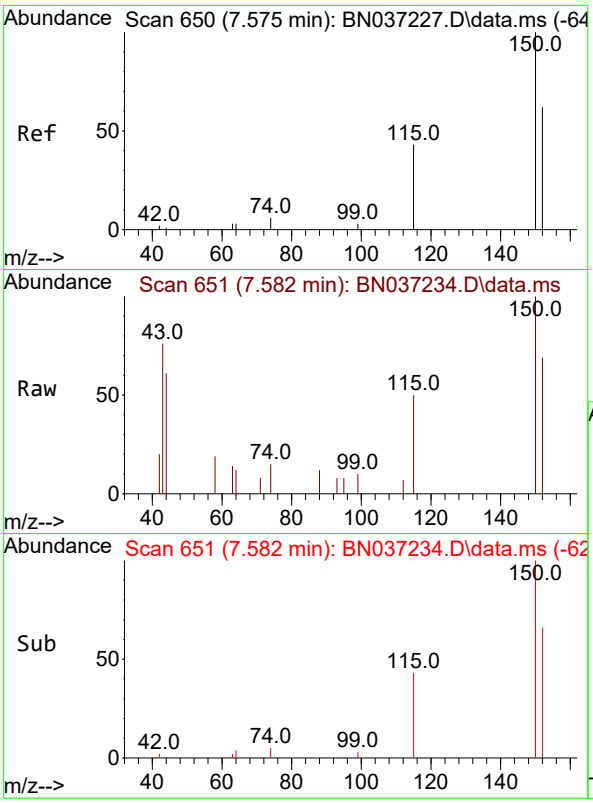
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037234.D
Acq On : 13 Jun 2025 19:36
Operator : RC/JU
Sample : Q2275-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Quant Time: Jun 13 23:00:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration



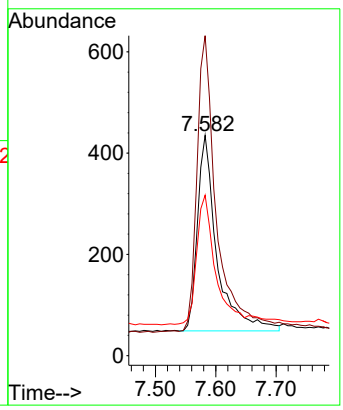


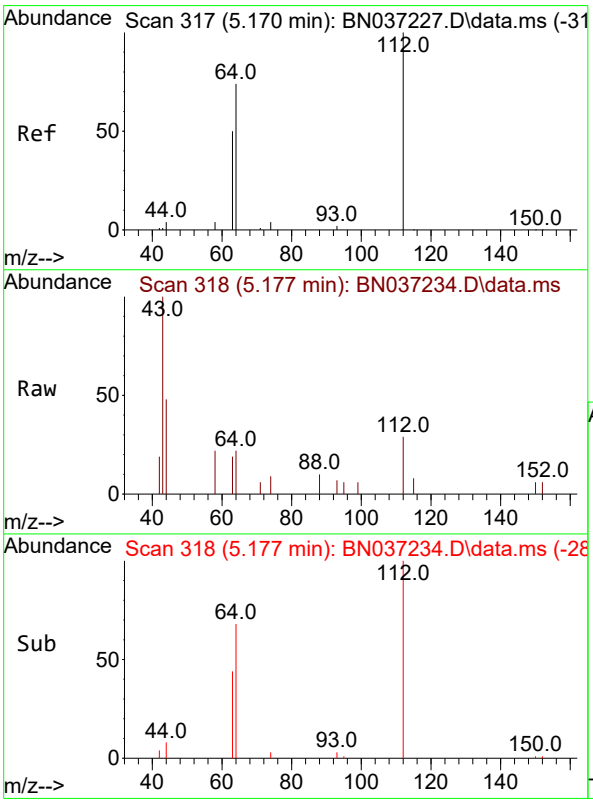
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion:152 Resp: 870

Ion	Ratio	Lower	Upper
152	100		
150	145.3	125.2	187.8
115	72.9	58.4	87.6

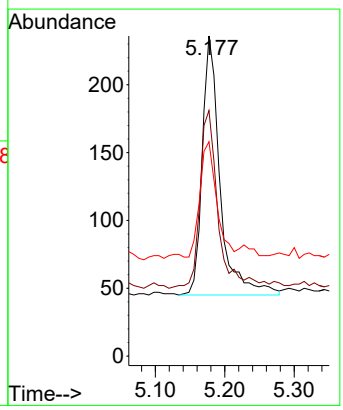


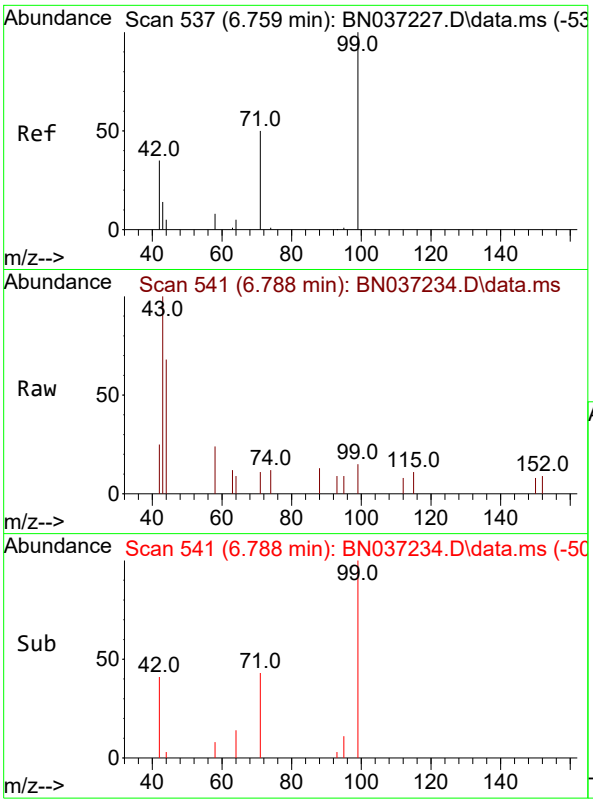


#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:112 Resp: 342

Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.2	85.8
63	41.2	39.8	59.6



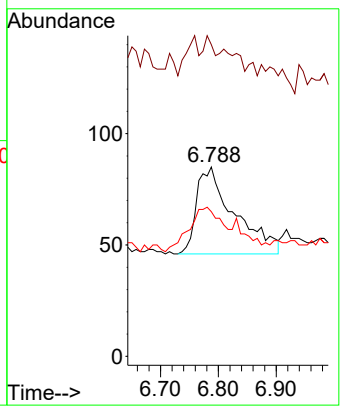


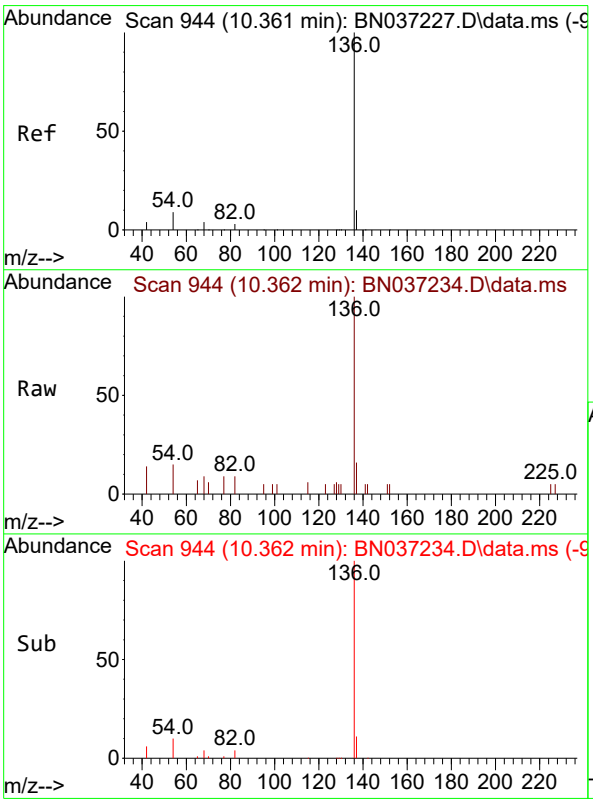
#5
Phenol-d6
Concen: 0.079 ng
RT: 6.788 min Scan# 54
Delta R.T. 0.029 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion: 99 Resp: 178

Ion	Ratio	Lower	Upper
99	100		
42	0.0	36.2	54.4#
71	43.3	42.4	63.6

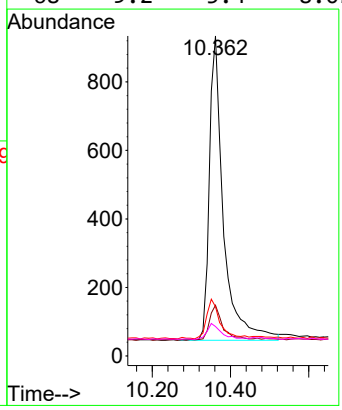


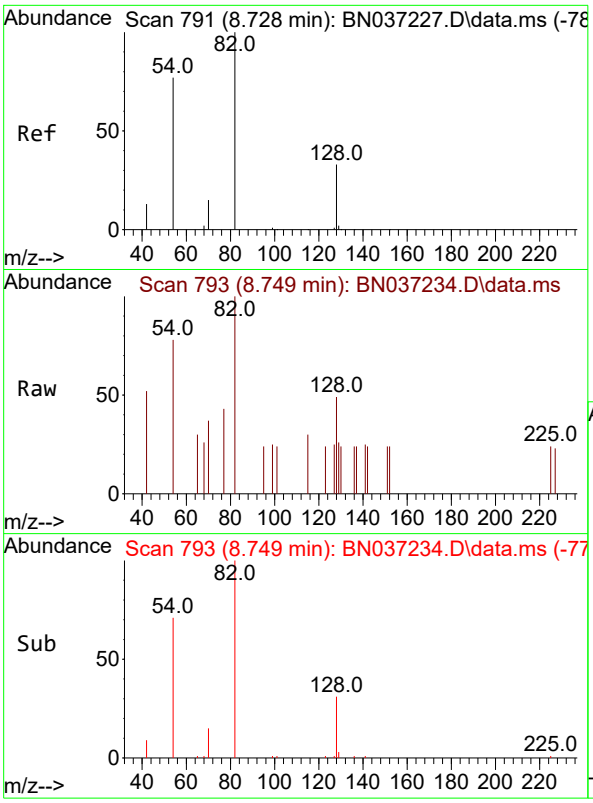


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:136 Resp: 2210

Ion	Ratio	Lower	Upper
136	100		
137	15.8	10.6	15.8#
54	15.4	9.2	13.8#
68	9.2	5.4	8.0#



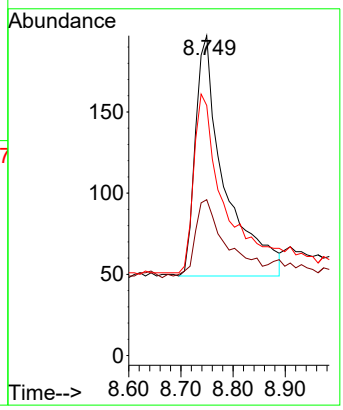


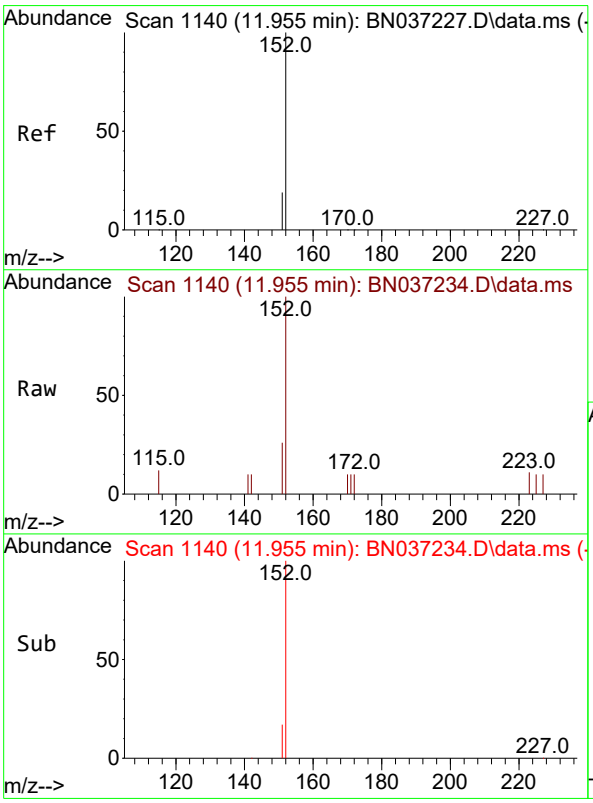
#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.749 min Scan# 7
Delta R.T. 0.022 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion: 82 Resp: 575

Ion	Ratio	Lower	Upper
82	100		
128	48.7	31.2	46.8#
54	78.2	63.3	94.9

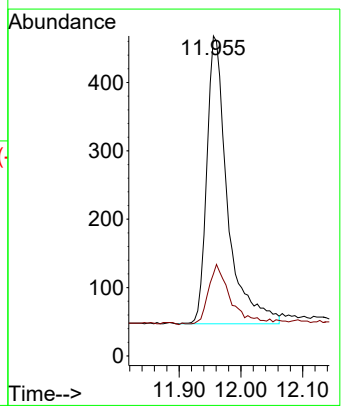


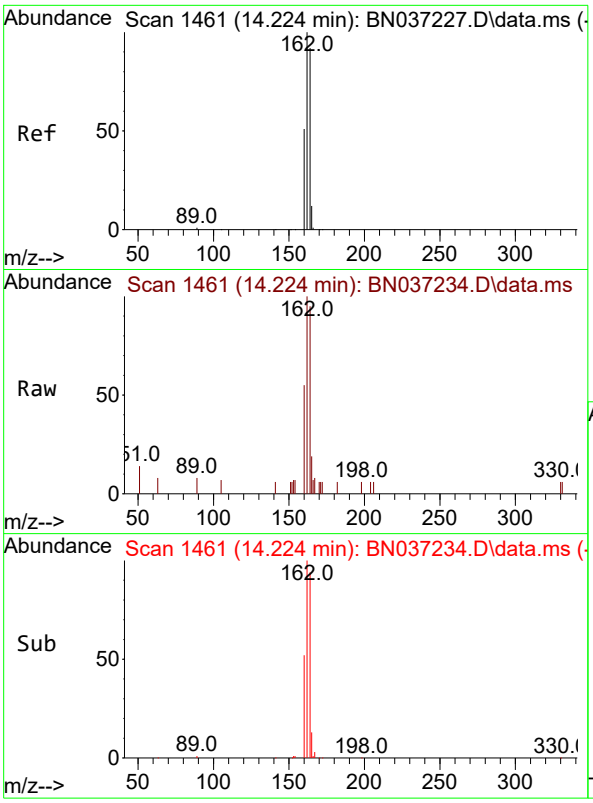


#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:152 Resp: 978

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.9	26.9



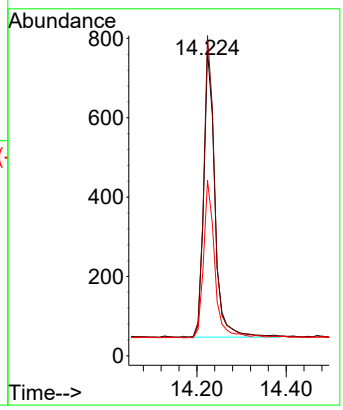


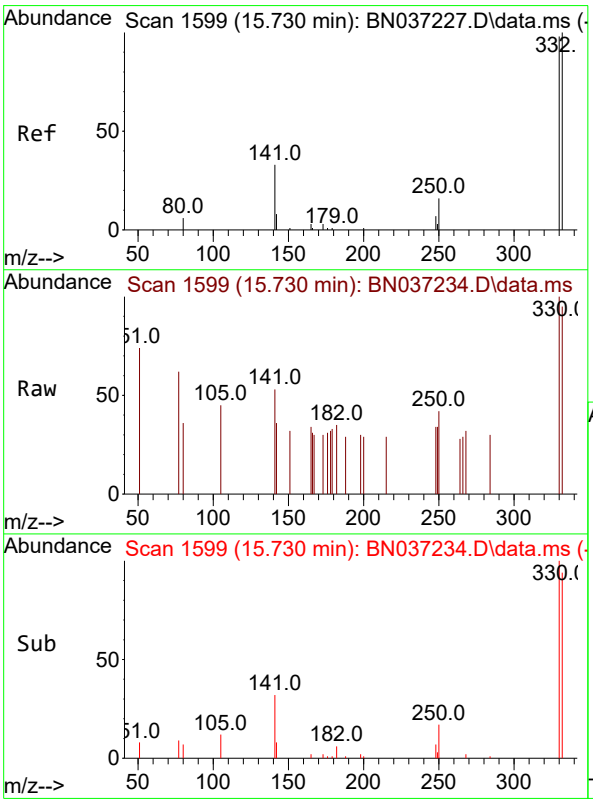
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion:164 Resp: 1250

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.7	130.1
160	57.5	45.8	68.6

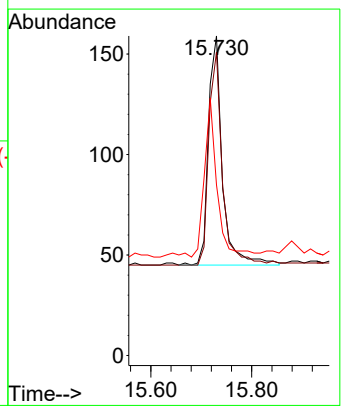


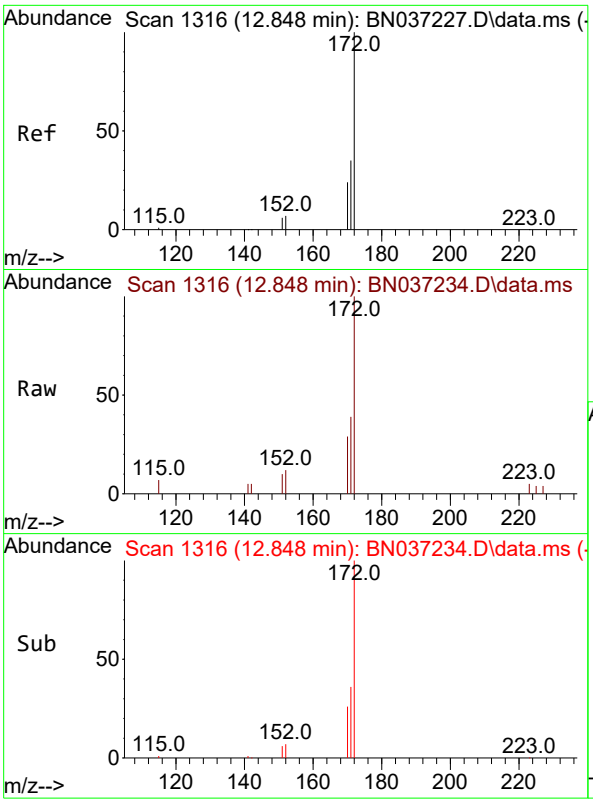


#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:330 Resp: 219

Ion	Ratio	Lower	Upper
330	100		
332	91.8	74.9	112.3
141	63.0	45.1	67.7



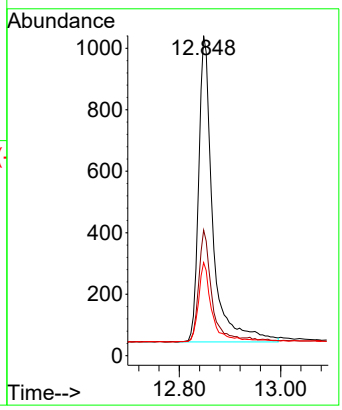


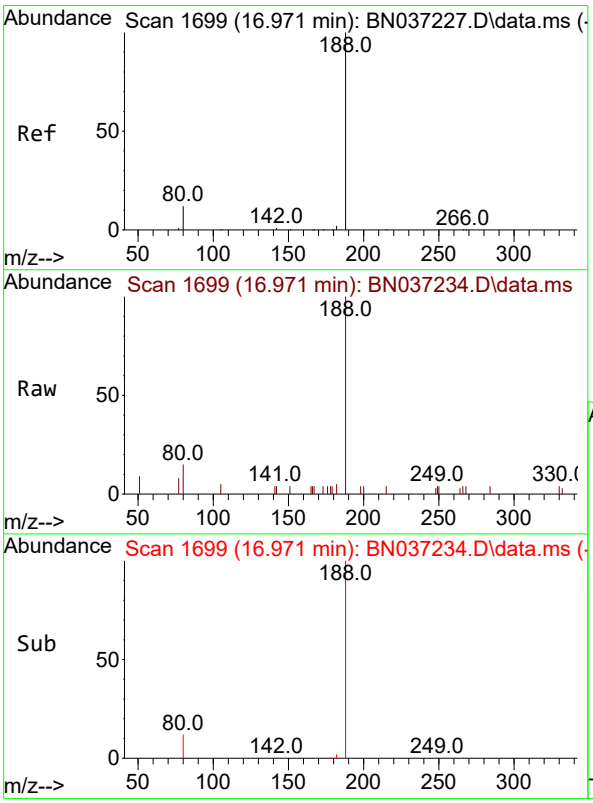
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion:172 Resp: 1931

Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.8	44.8
170	29.1	21.1	31.7

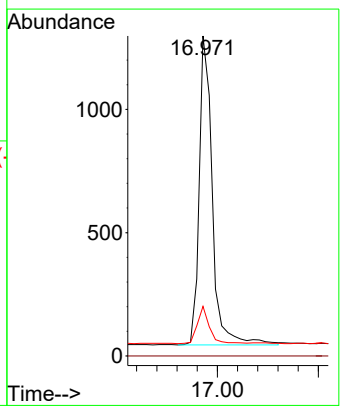


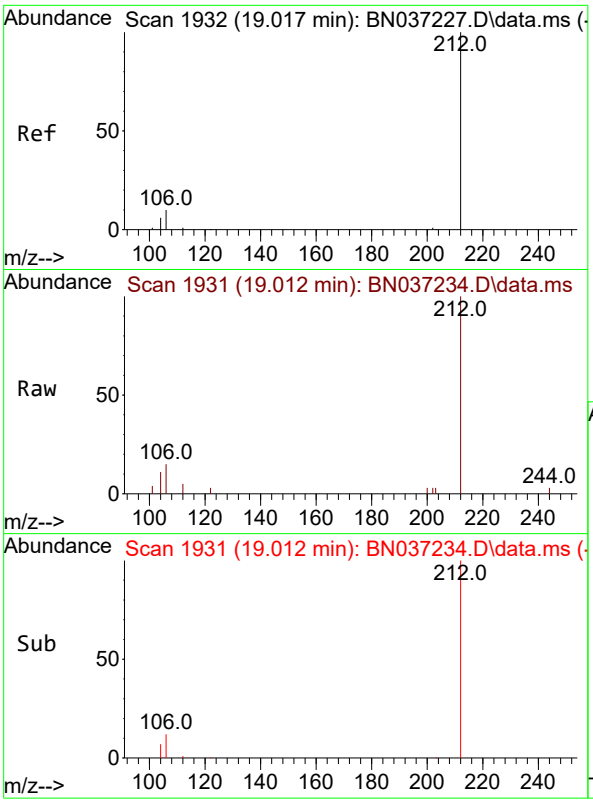


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:188 Resp: 2268

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.5	12.2	18.4



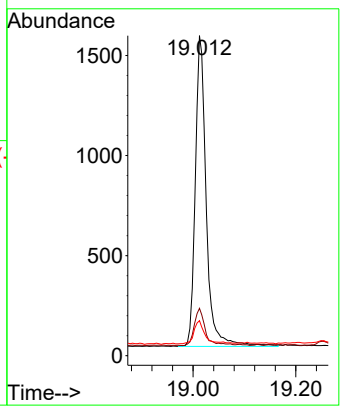


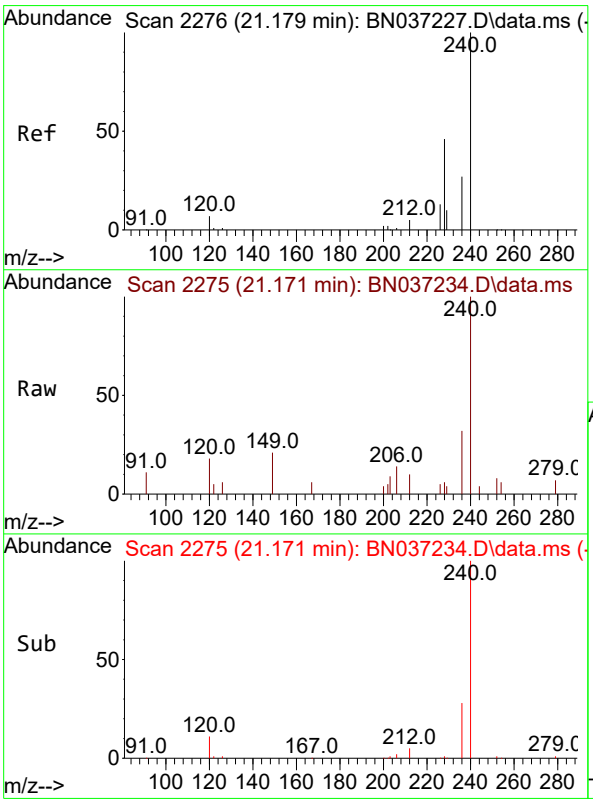
#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.012 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion:212 Resp: 2315

Ion	Ratio	Lower	Upper
212	100		
106	12.1	9.3	13.9
104	7.5	5.7	8.5

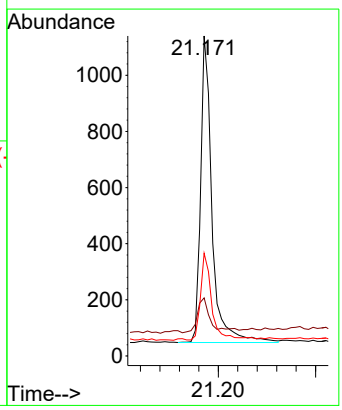


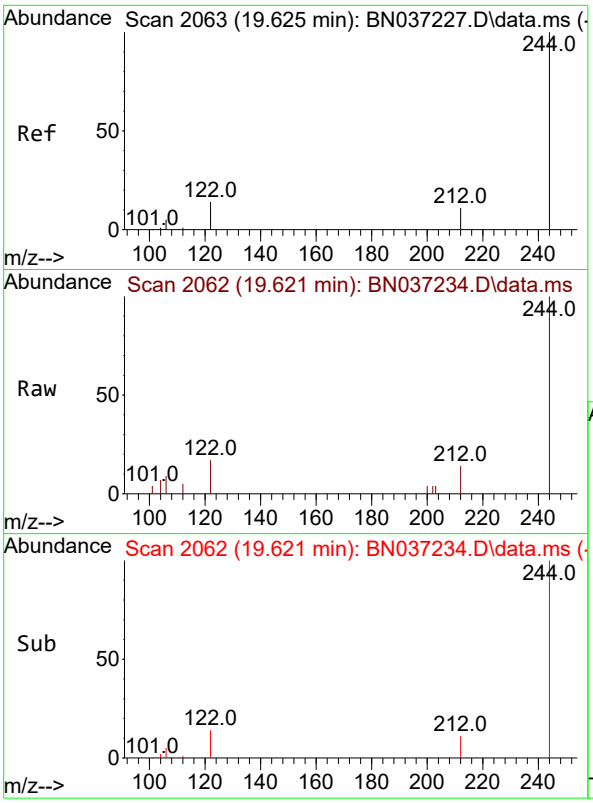


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:240 Resp: 1766

Ion	Ratio	Lower	Upper
240	100		
120	18.2	11.3	16.9#
236	32.1	24.4	36.6



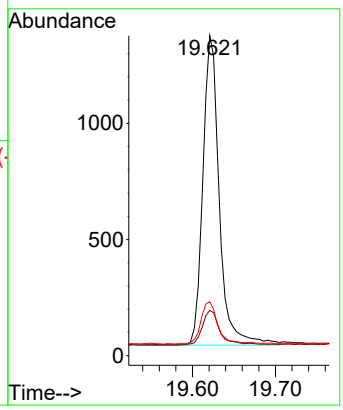


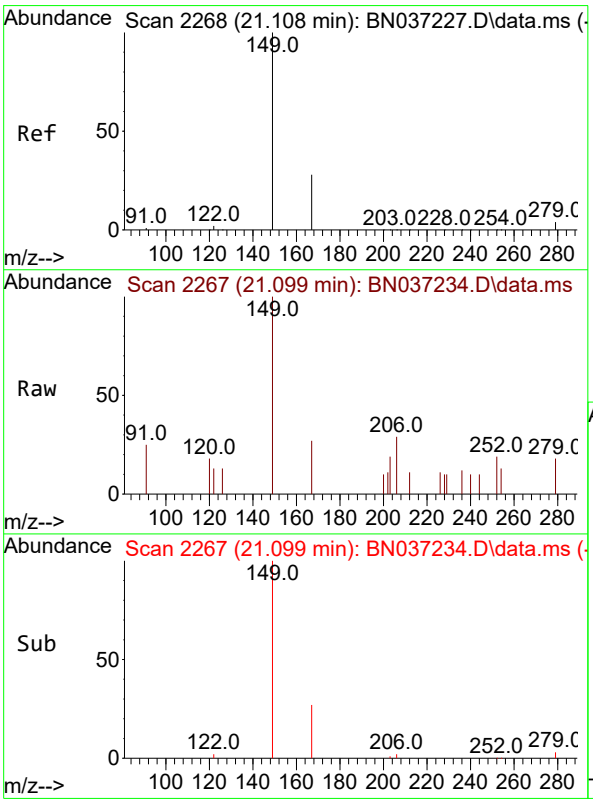
#31
Terphenyl-d14
Concen: 0.460 ng
RT: 19.621 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion:244 Resp: 1835

Ion	Ratio	Lower	Upper
244	100		
212	14.2	12.2	18.2
122	16.8	14.3	21.5

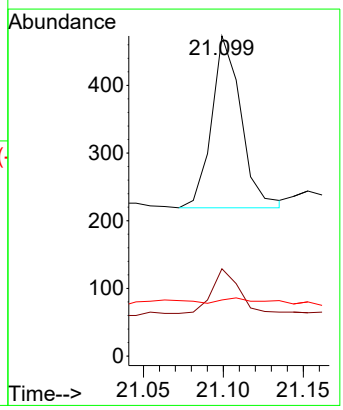


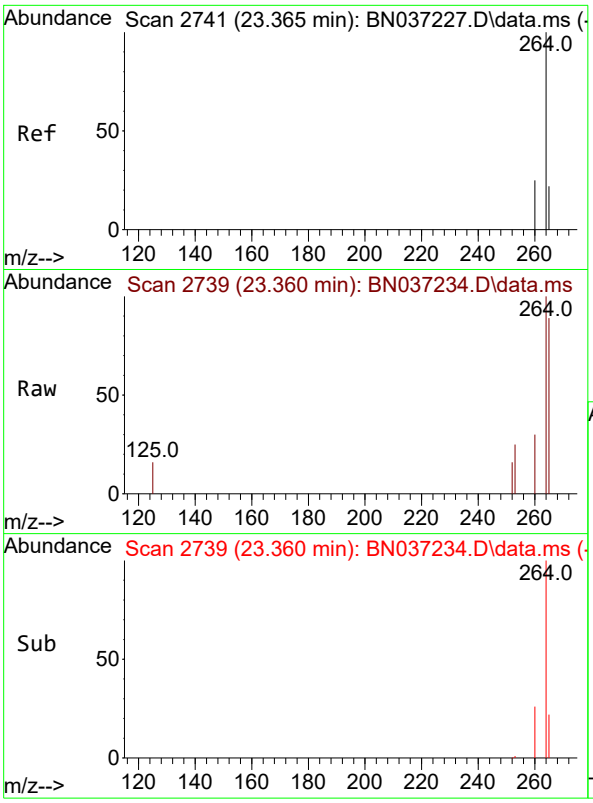


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.099 min Scan# 2267
Delta R.T. -0.009 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Tgt Ion:149 Resp: 325

Ion	Ratio	Lower	Upper
149	100		
167	30.8	21.3	31.9
279	7.4	3.3	4.9#



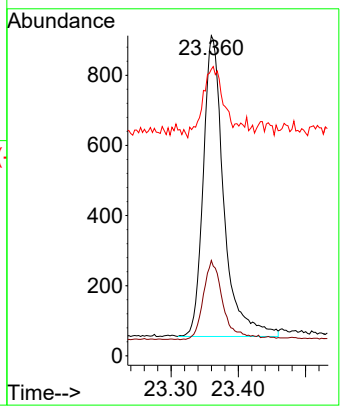


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.360 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037234.D
Acq: 13 Jun 2025 19:36

Instrument :
BNA_N
ClientSampleId :
OW-08B-72.5-060925

Tgt Ion:264 Resp: 1823

Ion	Ratio	Lower	Upper
264	100		
260	29.8	22.8	34.2
265	89.5	66.4	99.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037235.D
Acq On : 13 Jun 2025 20:12
Operator : RC/JU
Sample : Q2275-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Quant Time: Jun 13 23:00:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

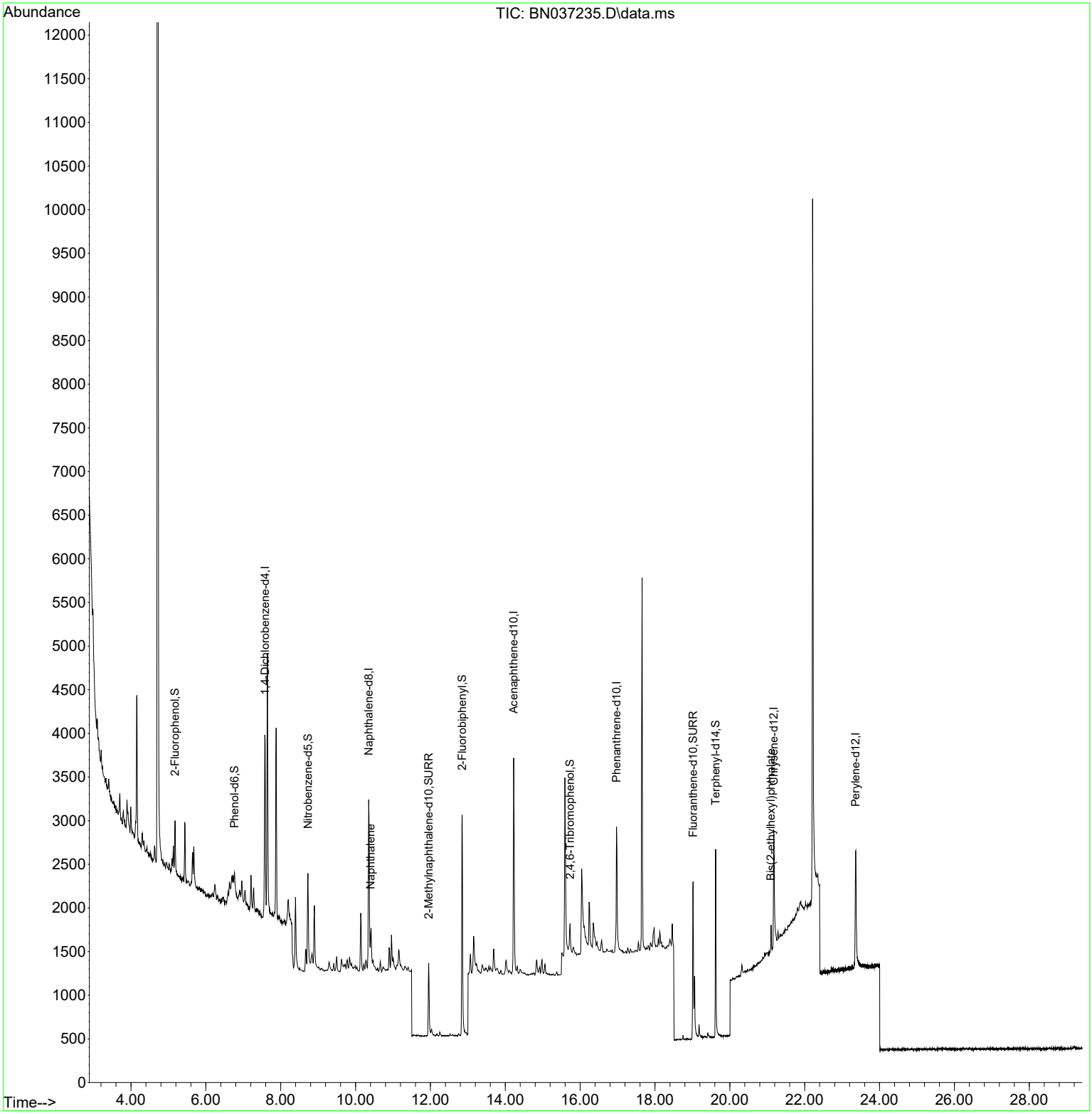
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1109	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2598	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1390	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2444	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1856	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	1968	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	438	0.161	ng	0.00
5) Phenol-d6	6.766	99	254	0.088	ng	0.00
8) Nitrobenzene-d5	8.728	82	892	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	11.955	152	1251	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	219	0.379	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	2466	0.422	ng	0.00
27) Fluoranthene-d10	19.017	212	2540	0.397	ng	0.00
31) Terphenyl-d14	19.621	244	2249	0.536	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.404	128	215	0.029	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.099	149	313	0.067	ng	# 96

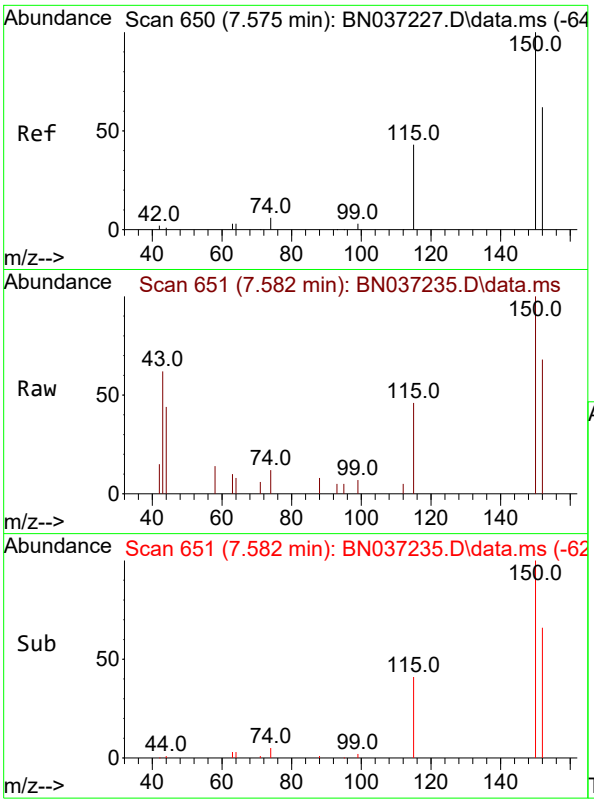
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037235.D
Acq On : 13 Jun 2025 20:12
Operator : RC/JU
Sample : Q2275-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Quant Time: Jun 13 23:00:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration



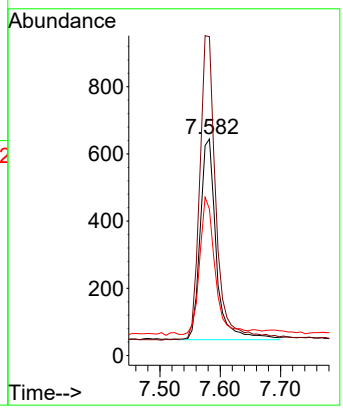


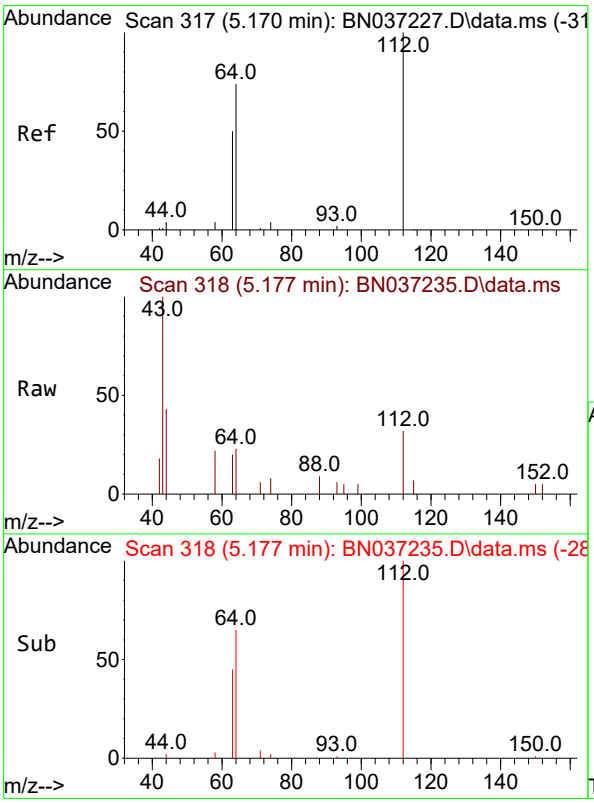
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Tgt Ion:152 Resp: 1109

Ion	Ratio	Lower	Upper
152	100		
150	147.1	125.2	187.8
115	67.6	58.4	87.6

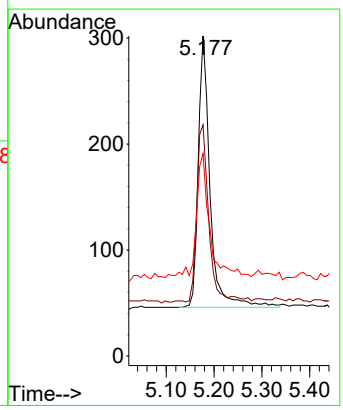


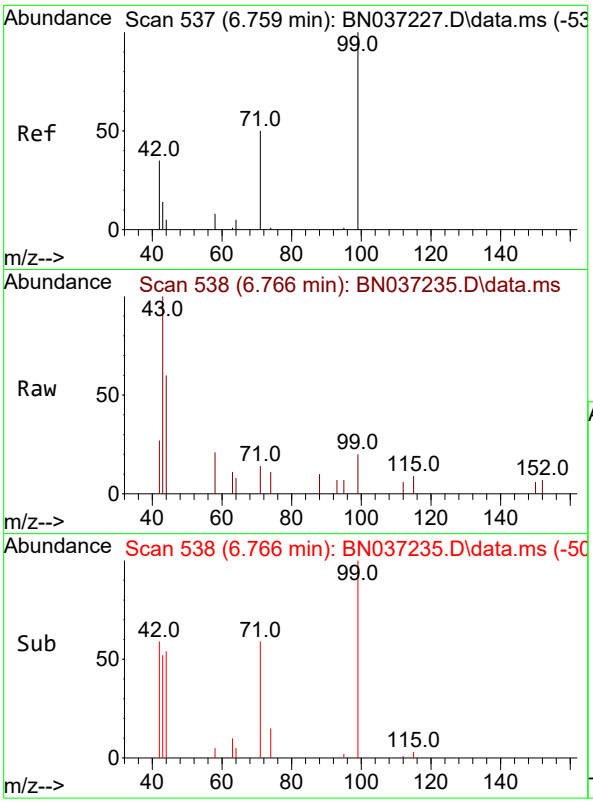


#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:112 Resp: 438

Ion	Ratio	Lower	Upper
112	100		
64	66.9	57.2	85.8
63	57.5	39.8	59.6



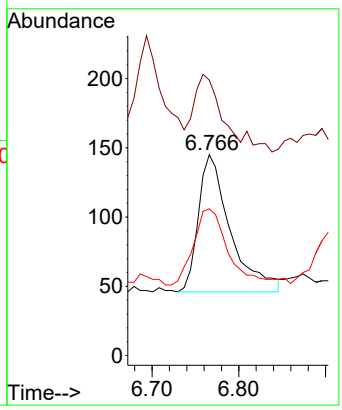


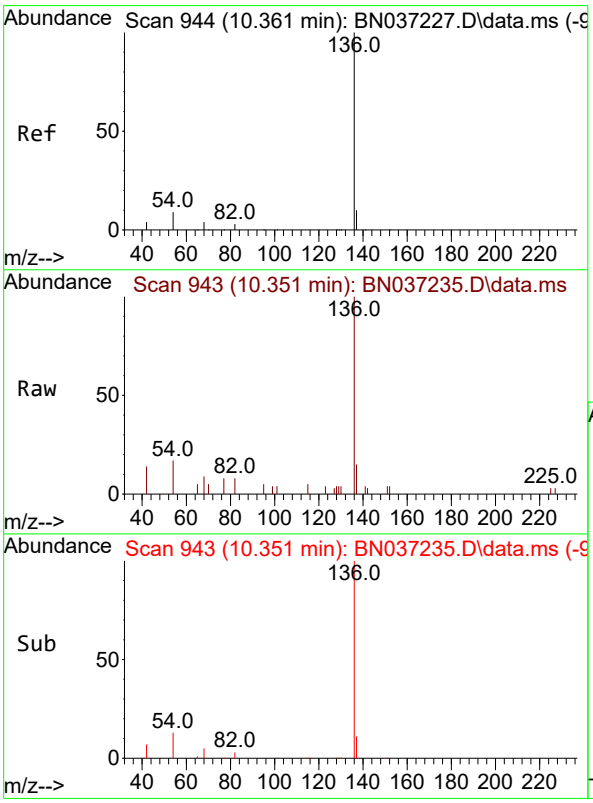
#5
Phenol-d6
Concen: 0.088 ng
RT: 6.766 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Tgt Ion: 99 Resp: 254

Ion	Ratio	Lower	Upper
99	100		
42	53.1	36.2	54.4
71	61.0	42.4	63.6

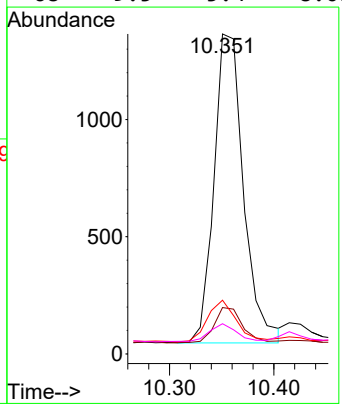


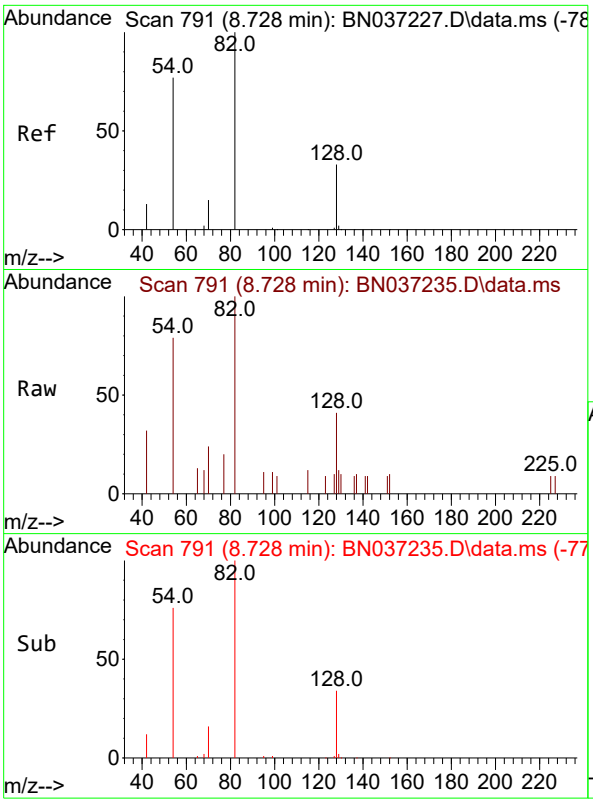


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:136 Resp: 2598

Ion	Ratio	Lower	Upper
136	100		
137	14.5	10.6	15.8
54	16.8	9.2	13.8#
68	9.5	5.4	8.0#



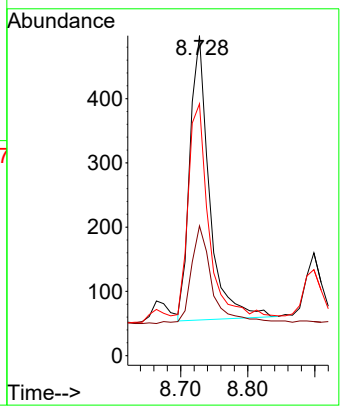


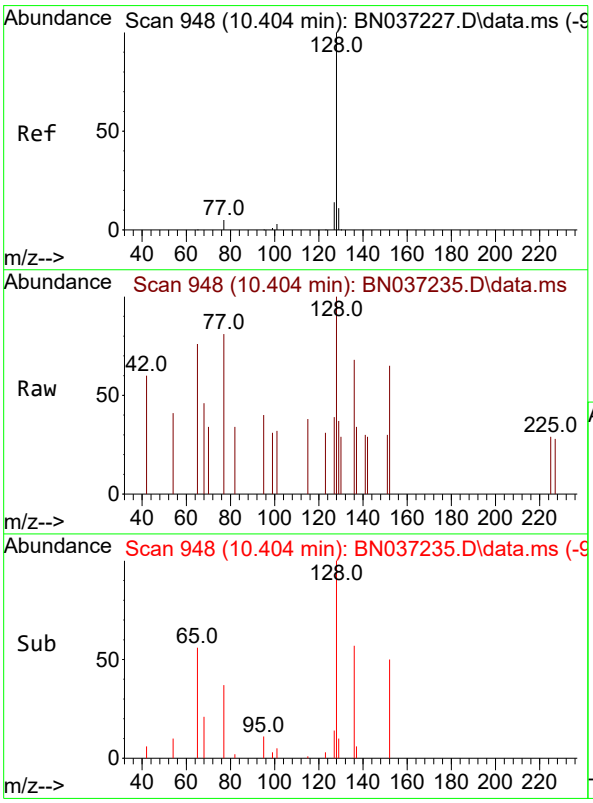
#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.728 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Tgt Ion: 82 Resp: 892

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.2	46.8
54	78.7	63.3	94.9

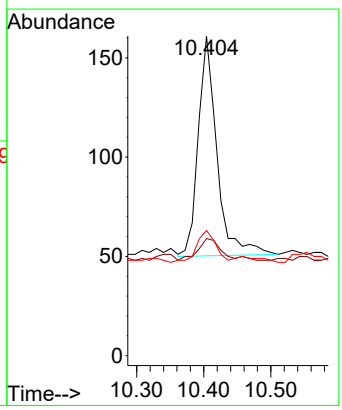


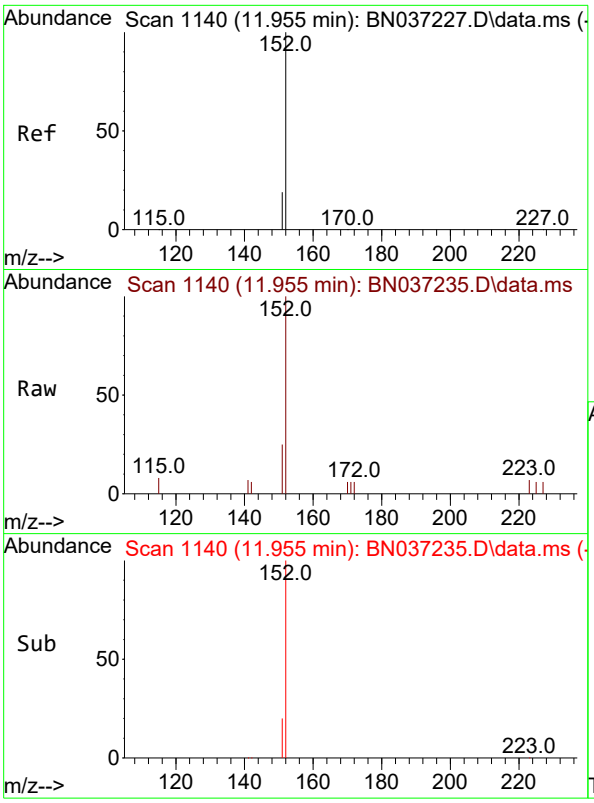


#9
Naphthalene
Concen: 0.029 ng
RT: 10.404 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:128 Resp: 215

Ion	Ratio	Lower	Upper
128	100		
129	36.6	10.7	16.1#
127	39.1	12.6	19.0#



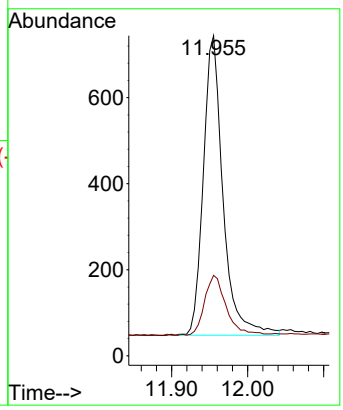


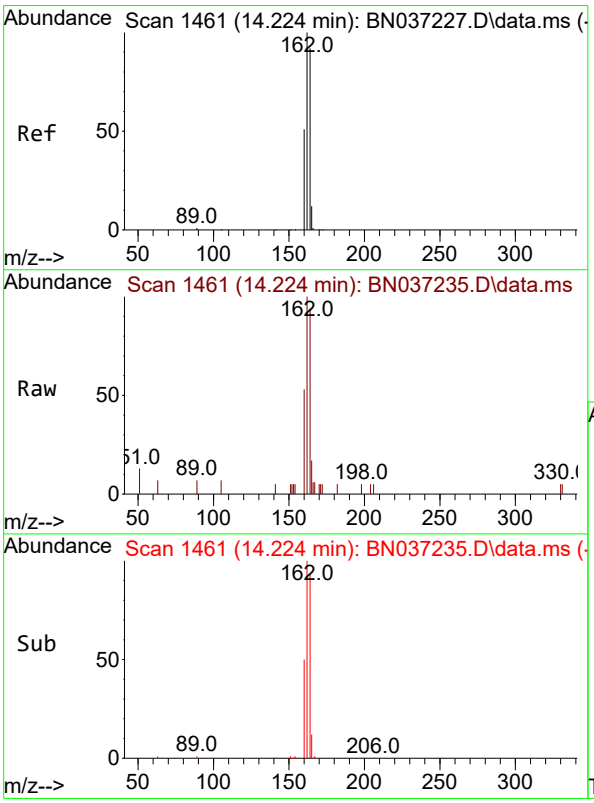
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 11.955 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Tgt Ion:152 Resp: 1251

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.9	26.9

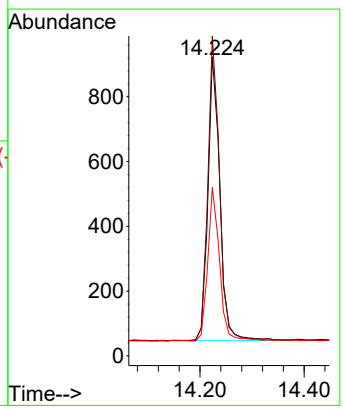


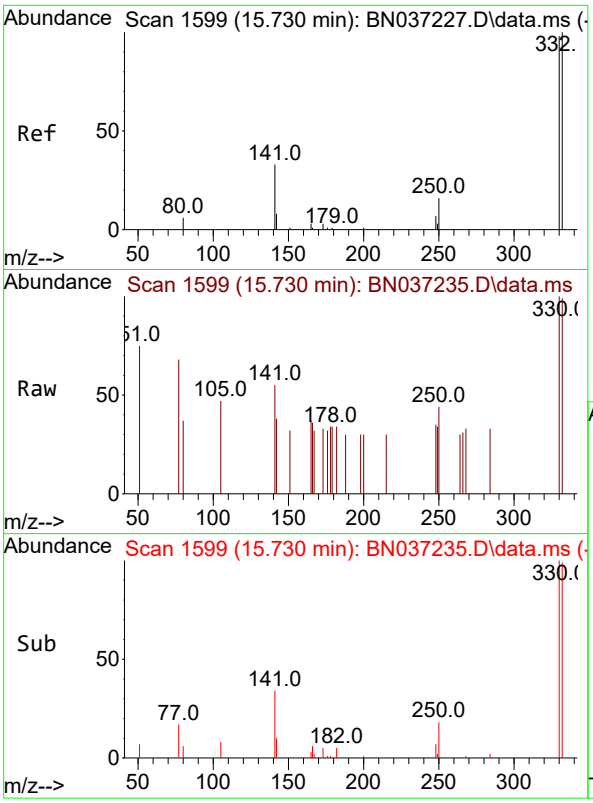


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:164 Resp: 1390

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.7	130.1
160	56.3	45.8	68.6



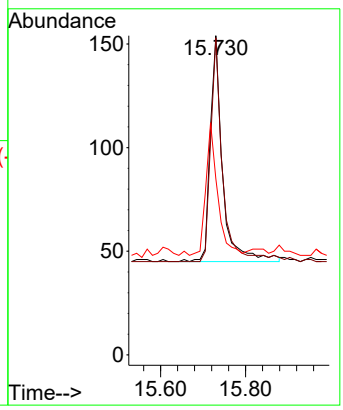


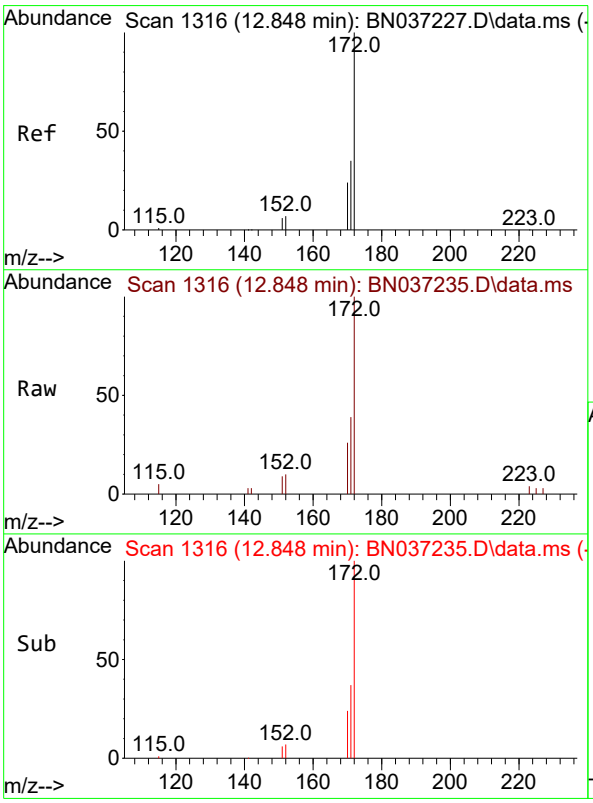
#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.730 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Tgt Ion:330 Resp: 219

Ion	Ratio	Lower	Upper
330	100		
332	95.4	74.9	112.3
141	55.7	45.1	67.7

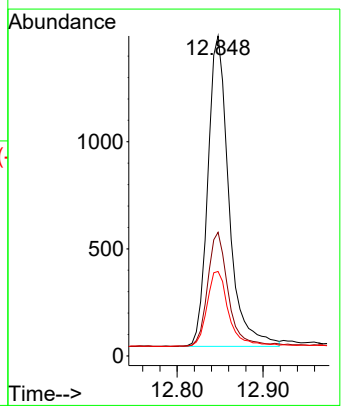


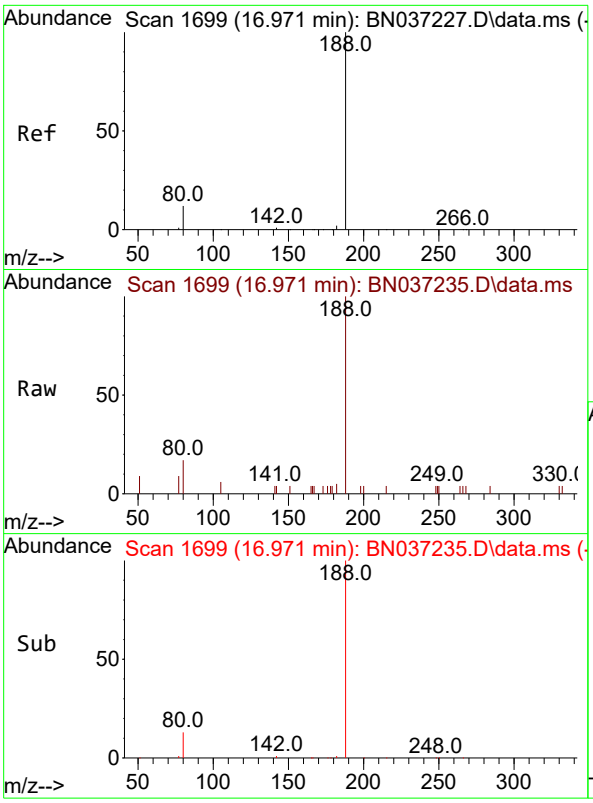


#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:172 Resp: 2466

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.8	44.8
170	26.4	21.1	31.7



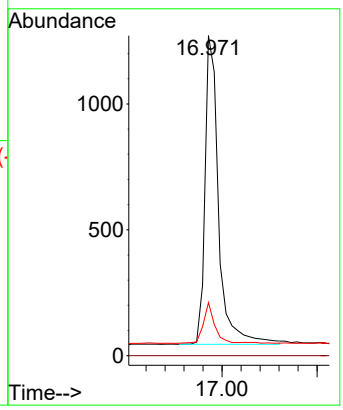


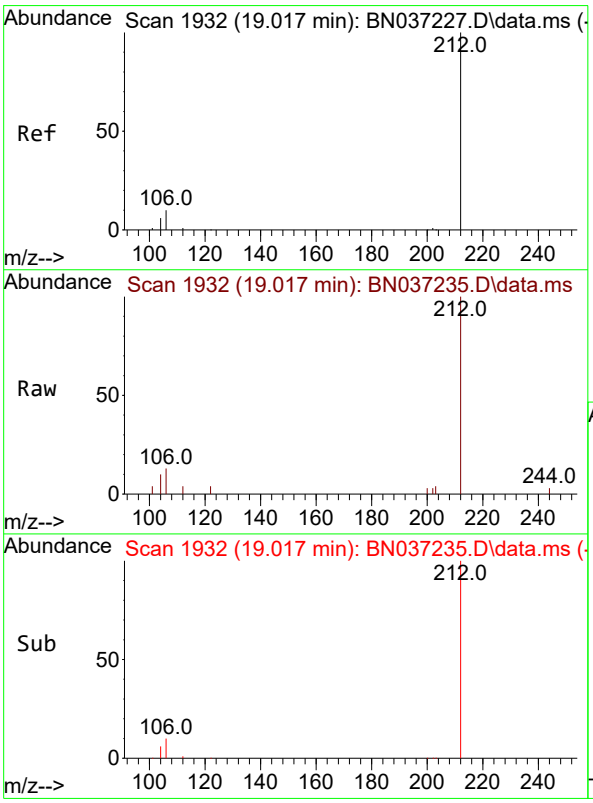
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Tgt Ion:188 Resp: 2444

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.6	12.2	18.4

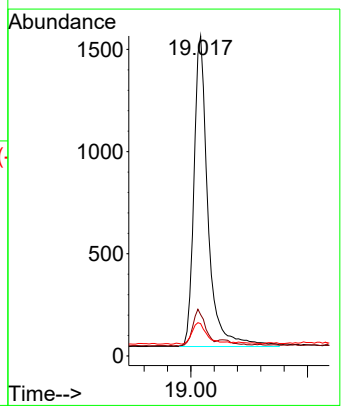


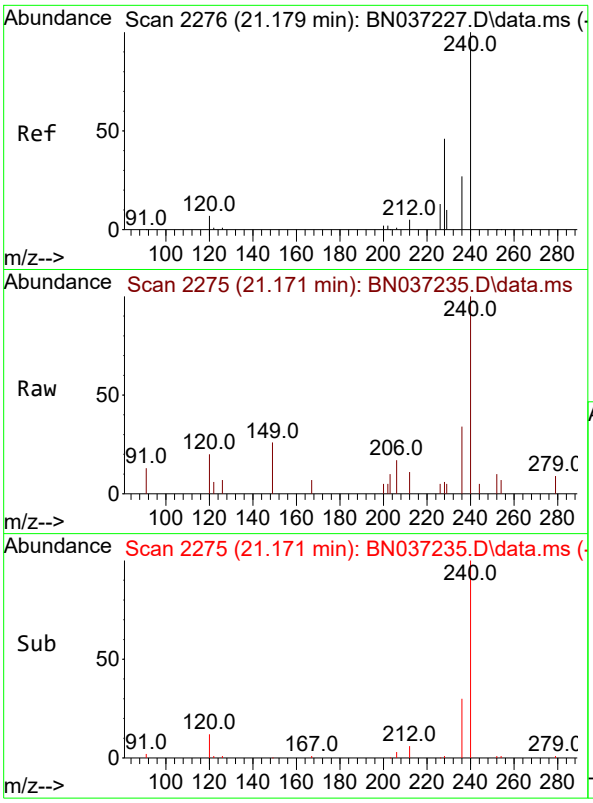


#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.017 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:212 Resp: 2540

Ion	Ratio	Lower	Upper
212	100		
106	10.8	9.3	13.9
104	7.4	5.7	8.5



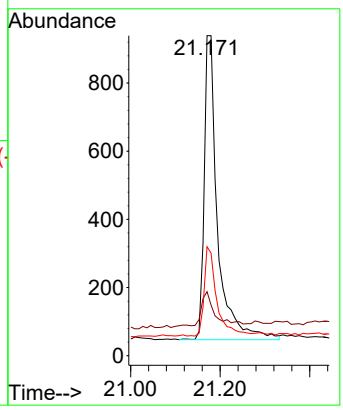


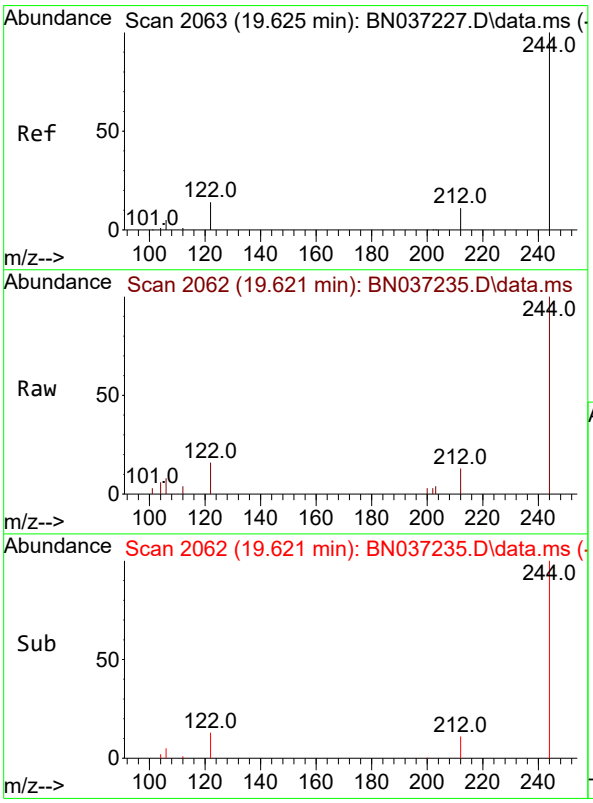
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Tgt Ion:240 Resp: 1856

Ion	Ratio	Lower	Upper
240	100		
120	20.0	11.3	16.9#
236	34.1	24.4	36.6

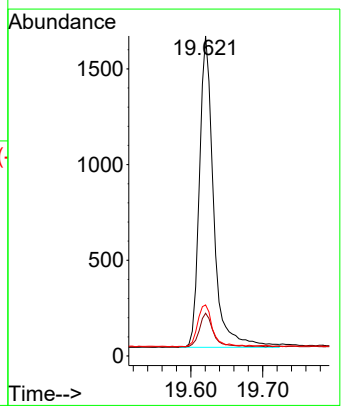


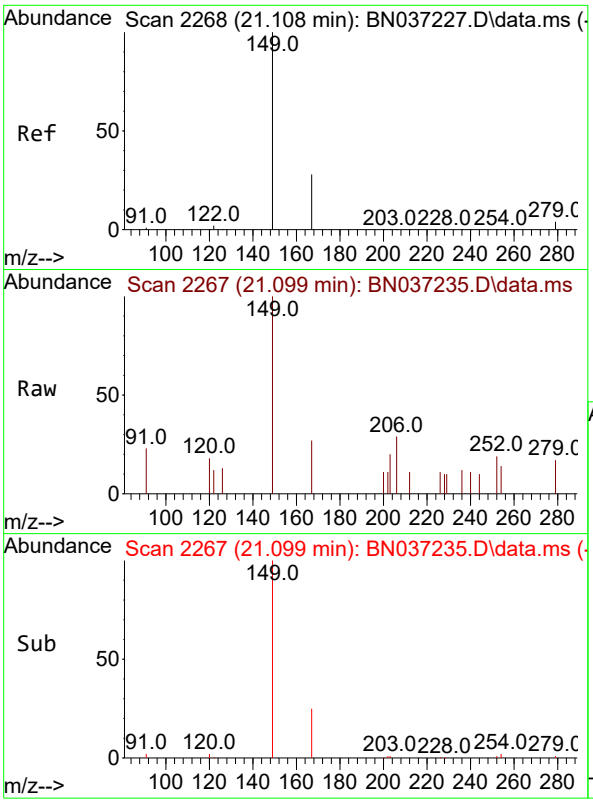


#31
Terphenyl-d14
Concen: 0.536 ng
RT: 19.621 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:244 Resp: 2249

Ion	Ratio	Lower	Upper
244	100		
212	13.3	12.2	18.2
122	16.0	14.3	21.5



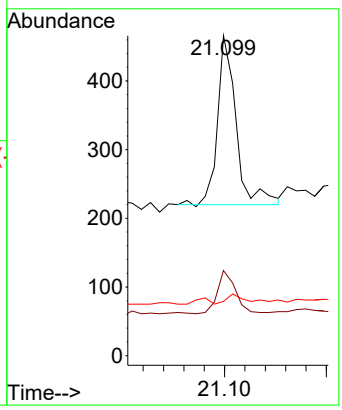


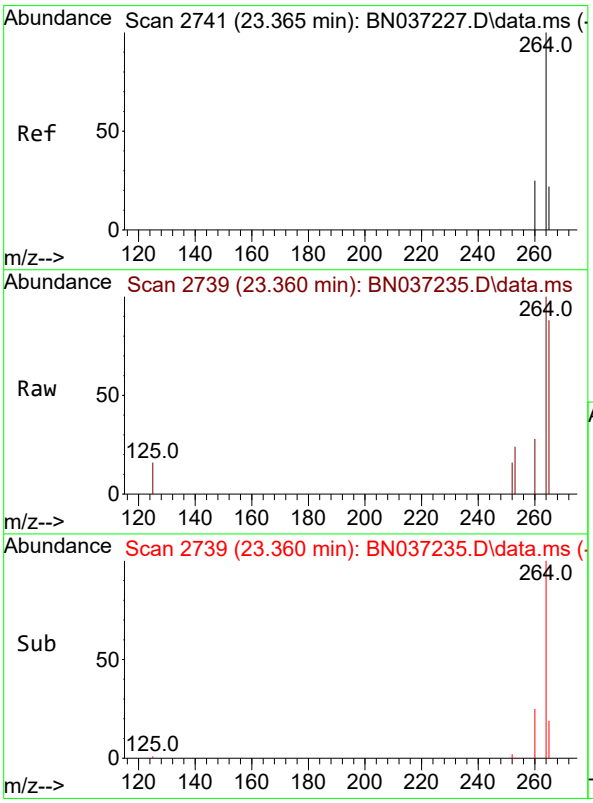
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.067 ng
RT: 21.099 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Instrument :
BNA_N
ClientSampleId :
EB01-060925

Tgt Ion:149 Resp: 313

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.3	31.9
279	7.0	3.3	4.9#

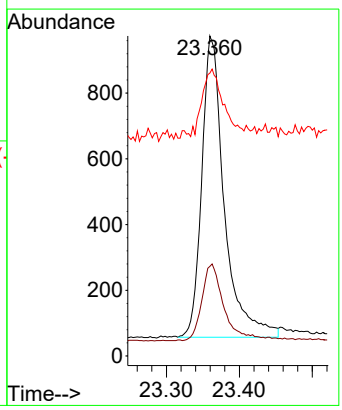




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.360 min Scan# 2739
Delta R.T. -0.006 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:264 Resp: 1968

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.8	34.2
265	88.4	66.4	99.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037233.D
Acq On : 13 Jun 2025 19:00
Operator : RC/JU
Sample : PB168391BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168391BL

Quant Time: Jun 13 22:59:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

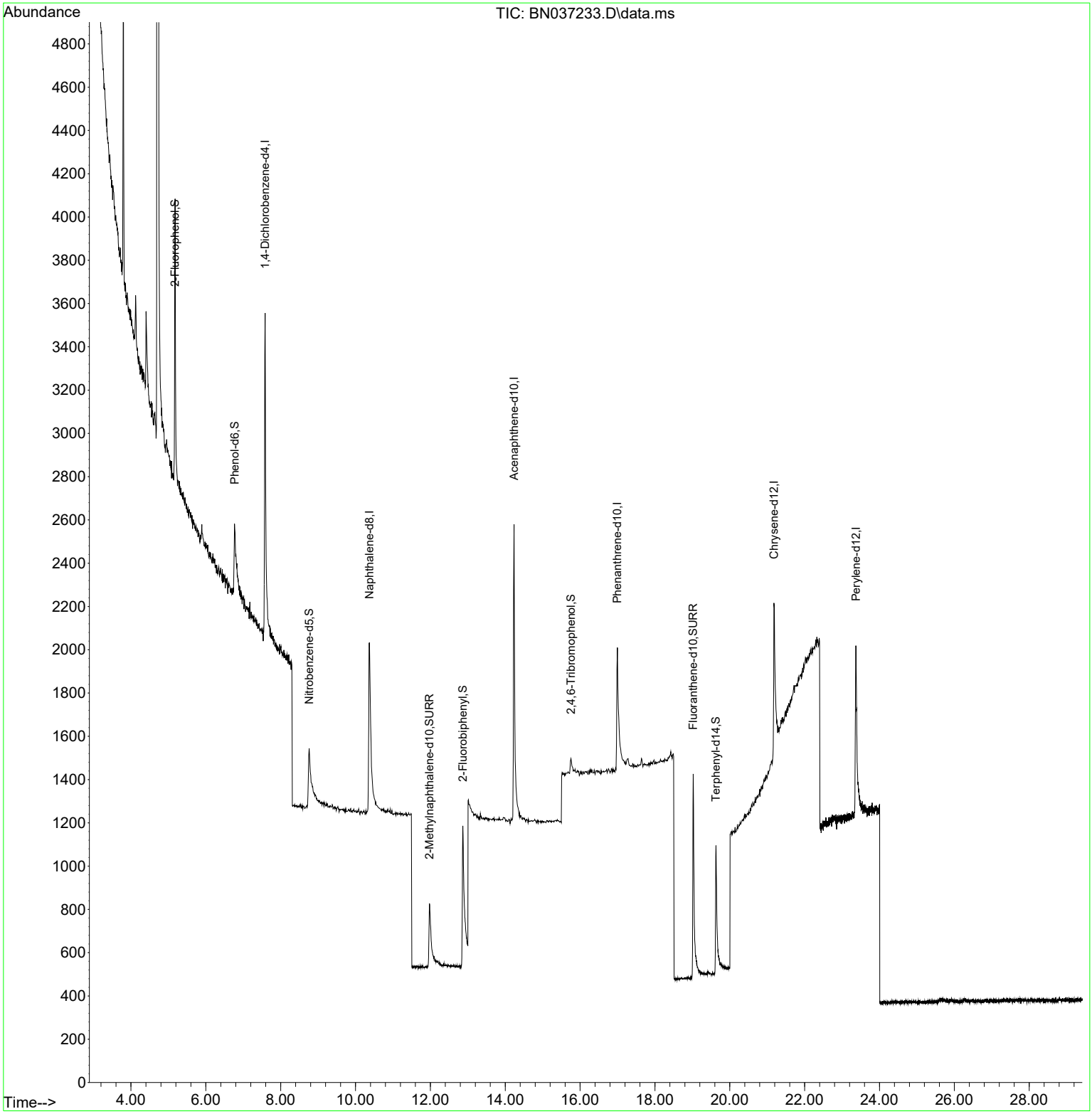
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1036	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	2301	0.400	ng	# 0.01
13) Acenaphthene-d10	14.234	164	1224	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	1841	0.400	ng	0.02
29) Chrysene-d12	21.180	240	1578	0.400	ng	# 0.00
35) Perylene-d12	23.368	264	1599	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	932	0.366	ng	0.00
5) Phenol-d6	6.773	99	734	0.274	ng	0.01
8) Nitrobenzene-d5	8.760	82	585	0.257	ng	0.03
11) 2-Methylnaphthalene-d10	11.976	152	997	0.323	ng	0.02
14) 2,4,6-Tribromophenol	15.755	330	98	0.193	ng	0.02
15) 2-Fluorobiphenyl	12.868	172	1426	0.277	ng	0.02
27) Fluoranthene-d10	19.021	212	1981	0.411	ng	0.00
31) Terphenyl-d14	19.630	244	1248	0.350	ng	0.00
Target Compounds						Qvalue

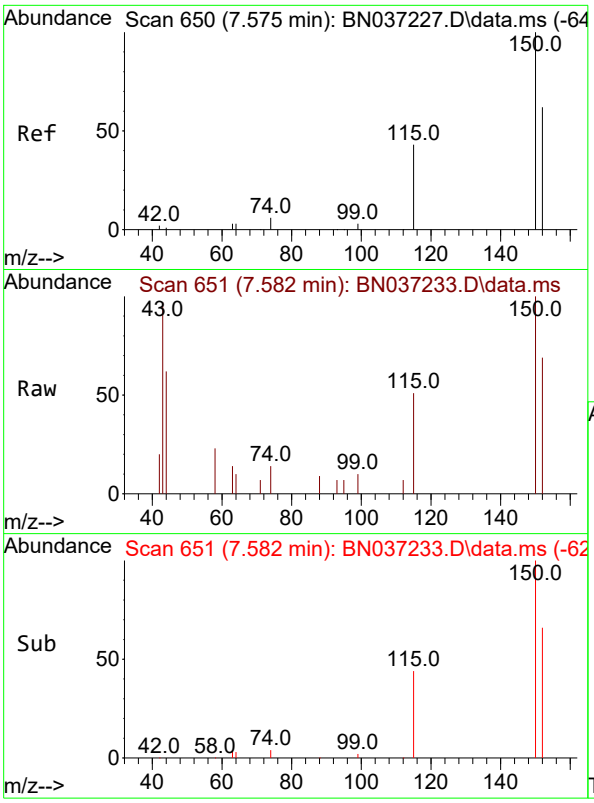
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037233.D
Acq On : 13 Jun 2025 19:00
Operator : RC/JU
Sample : PB168391BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168391BL

Quant Time: Jun 13 22:59:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration



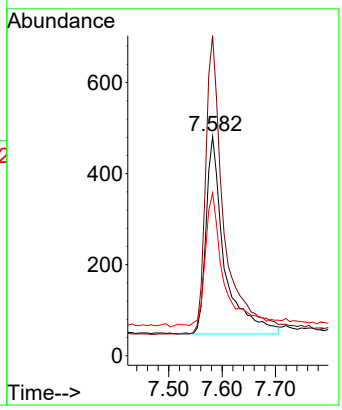


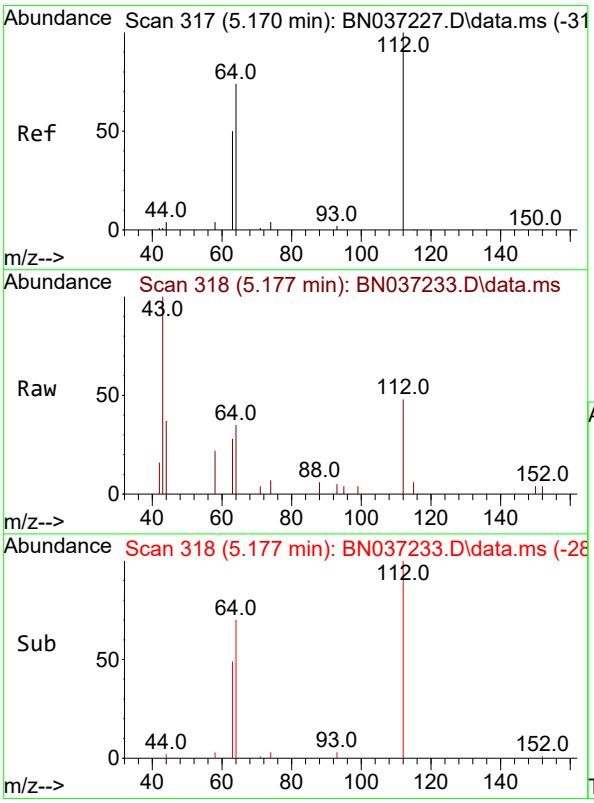
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL

Tgt Ion:152 Resp: 1036

Ion	Ratio	Lower	Upper
152	100		
150	145.9	125.2	187.8
115	74.3	58.4	87.6

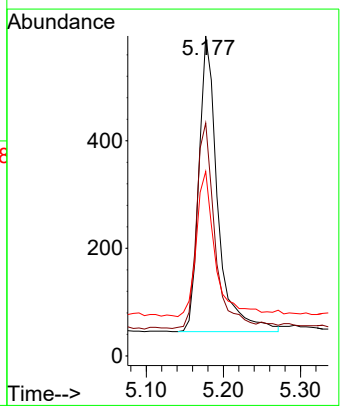


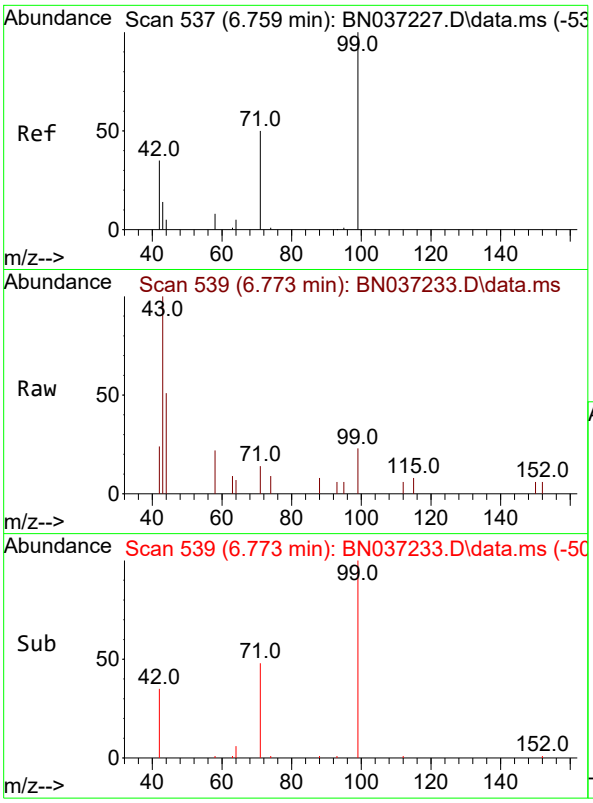


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Tgt Ion:112 Resp: 932

Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.2	85.8
63	48.2	39.8	59.6



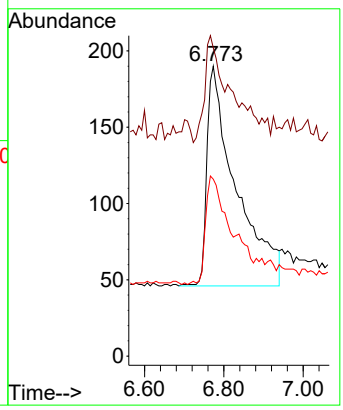


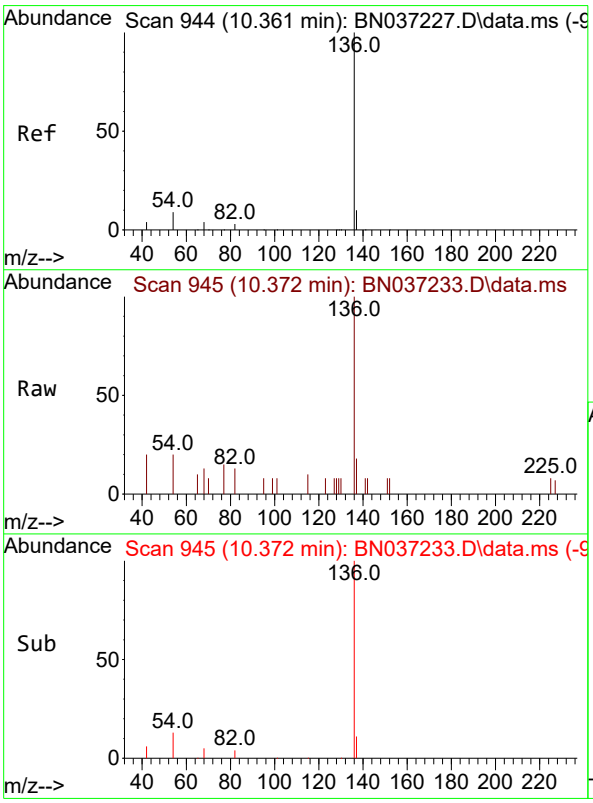
#5
Phenol-d6
Concen: 0.274 ng
RT: 6.773 min Scan# 5
Delta R.T. 0.015 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL

Tgt Ion: 99 Resp: 734

Ion	Ratio	Lower	Upper
99	100		
42	25.2	36.2	54.4#
71	43.9	42.4	63.6

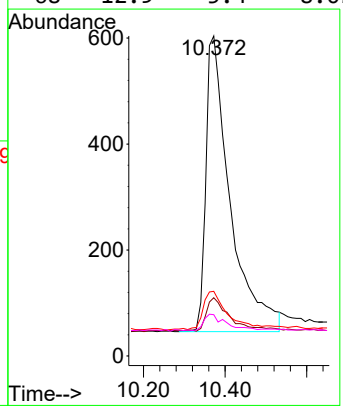


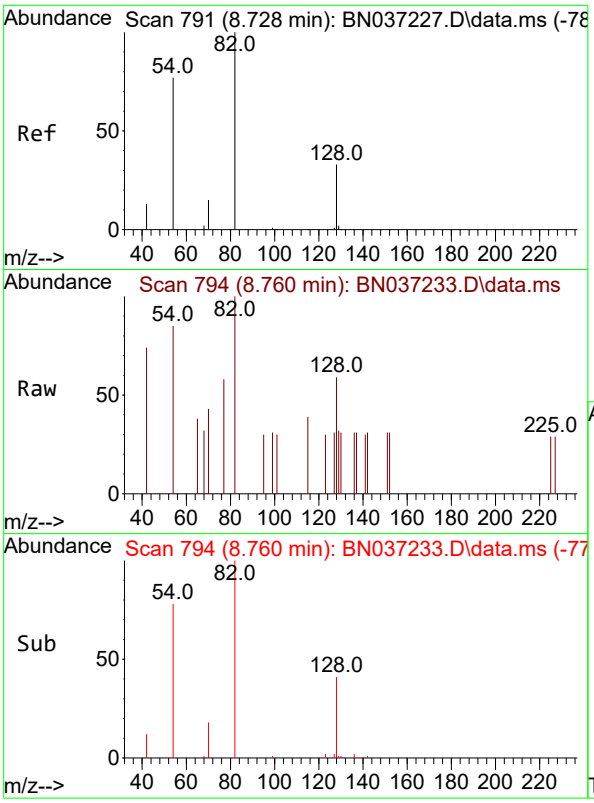


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. 0.011 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Tgt Ion:136 Resp: 2301

Ion	Ratio	Lower	Upper
136	100		
137	18.2	10.6	15.8#
54	20.2	9.2	13.8#
68	12.9	5.4	8.0#



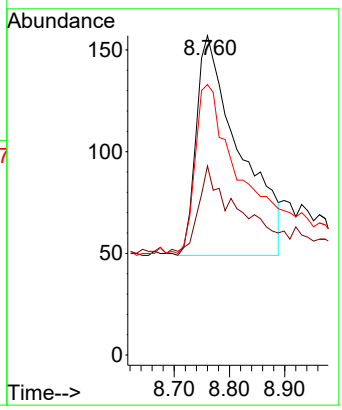


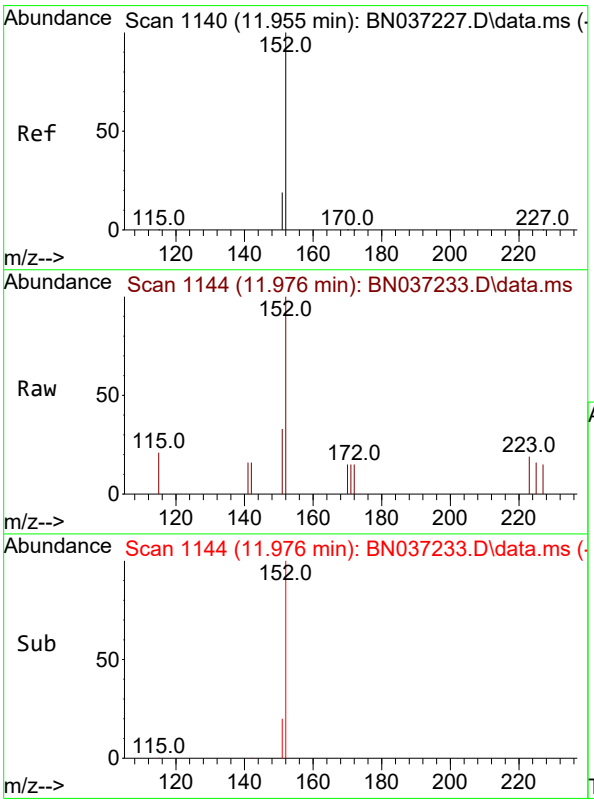
#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.760 min Scan# 7
Delta R.T. 0.032 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL

Tgt Ion: 82 Resp: 585

Ion	Ratio	Lower	Upper
82	100		
128	59.2	31.2	46.8#
54	84.7	63.3	94.9

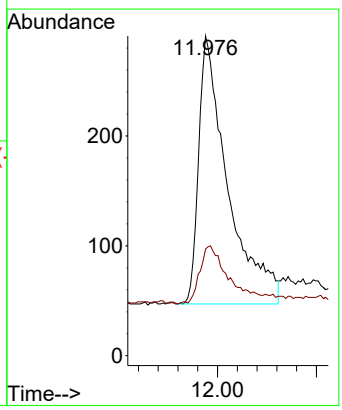


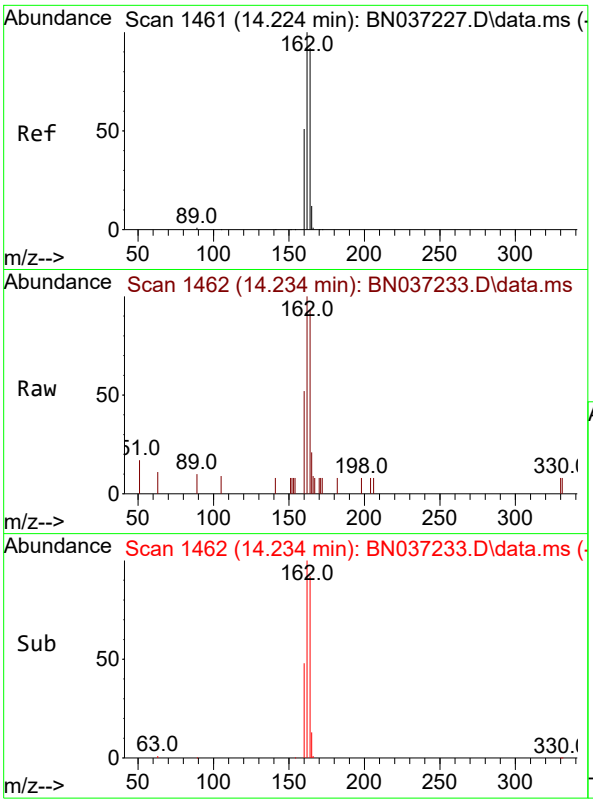


#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.976 min Scan# 1144
Delta R.T. 0.020 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Tgt Ion:152 Resp: 997

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.9	26.9



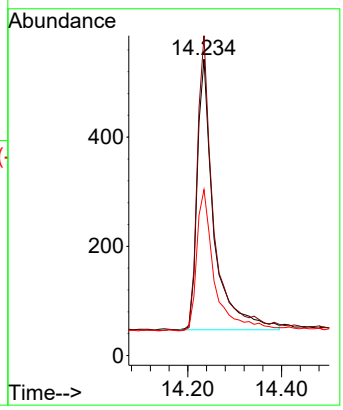


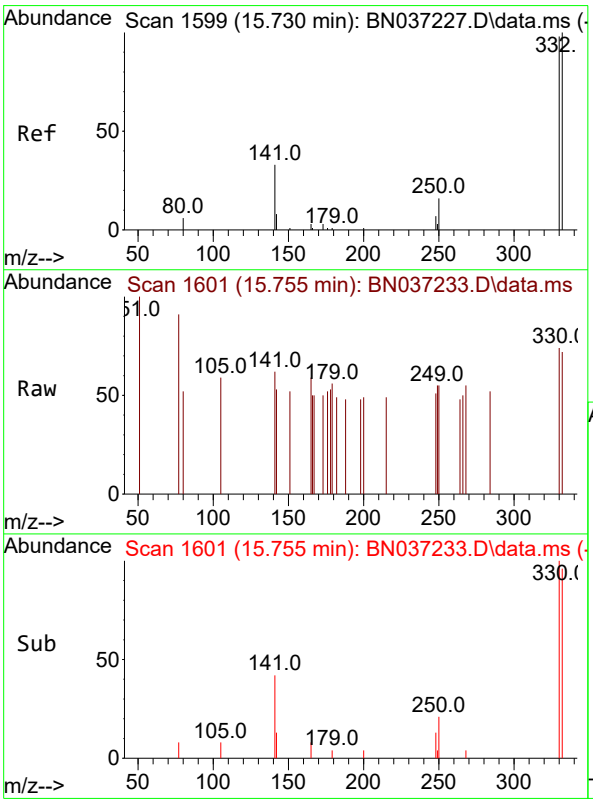
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL

Tgt Ion:164 Resp: 1224

Ion	Ratio	Lower	Upper
164	100		
162	107.9	86.7	130.1
160	56.0	45.8	68.6

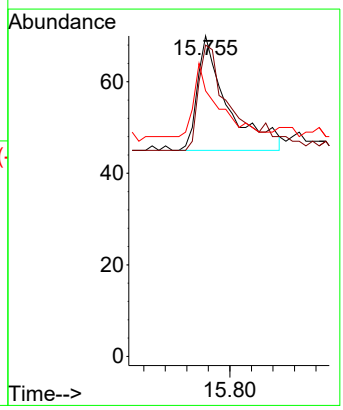


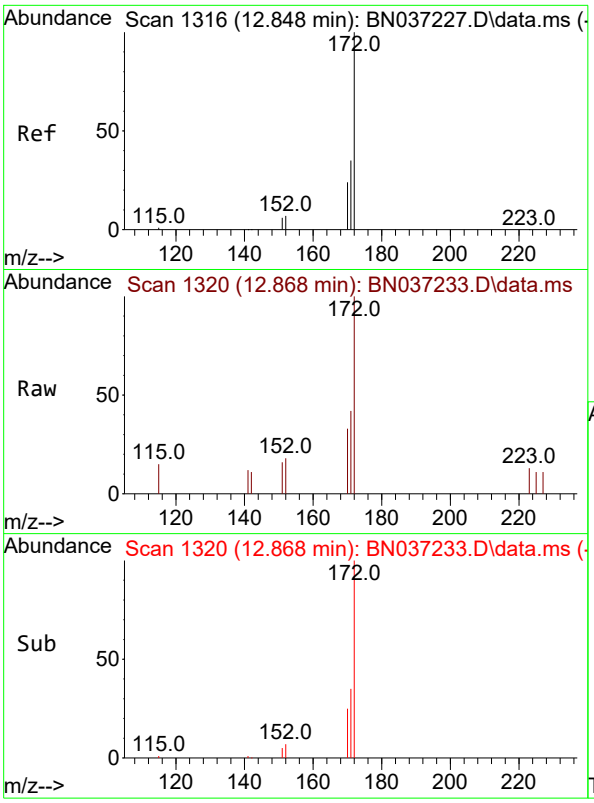


#14
2,4,6-Tribromophenol
Concen: 0.193 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.025 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Tgt Ion:330 Resp: 98

Ion	Ratio	Lower	Upper
330	100		
332	94.9	74.9	112.3
141	50.0	45.1	67.7



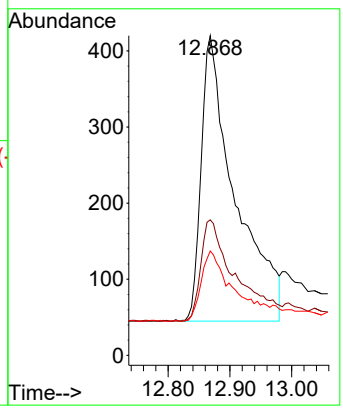


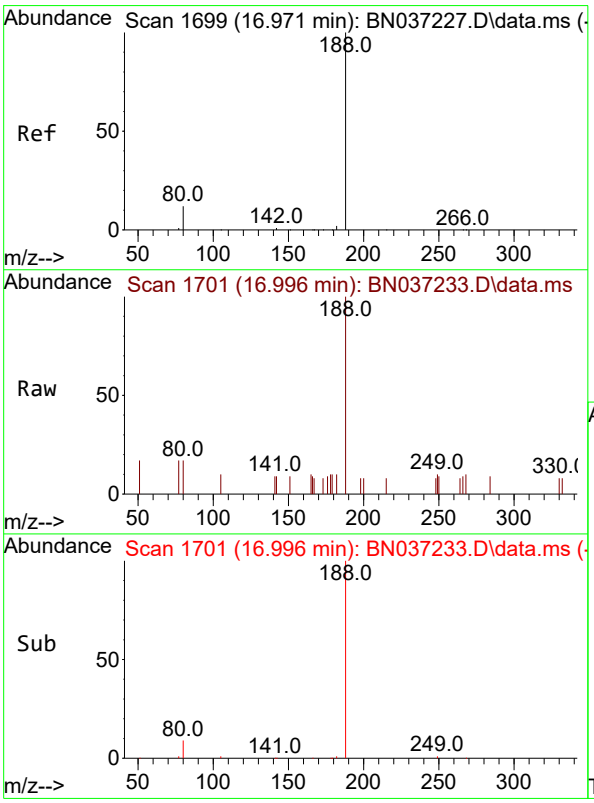
#15
2-Fluorobiphenyl
Concen: 0.277 ng
RT: 12.868 min Scan# 1
Delta R.T. 0.020 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL

Tgt Ion:172 Resp: 1426

Ion	Ratio	Lower	Upper
172	100		
171	42.4	29.8	44.8
170	32.6	21.1	31.7#

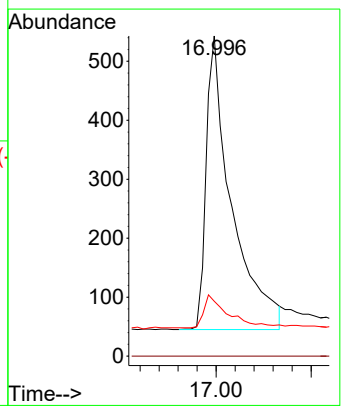


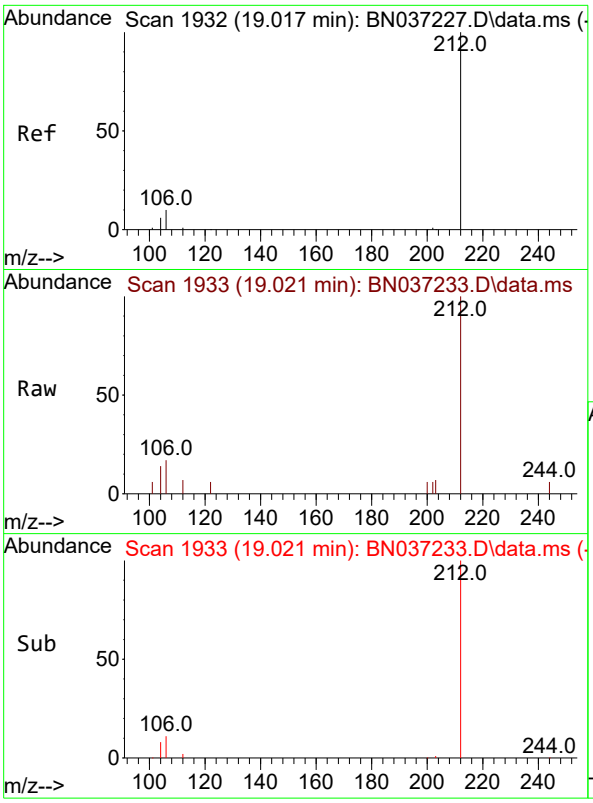


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.025 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Tgt Ion:188 Resp: 1841

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.1	12.2	18.4



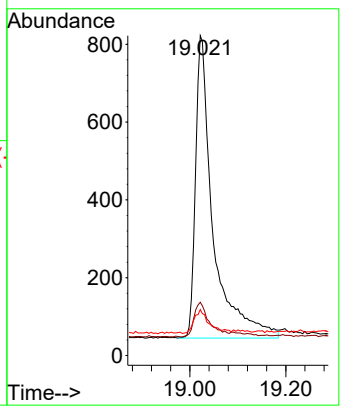


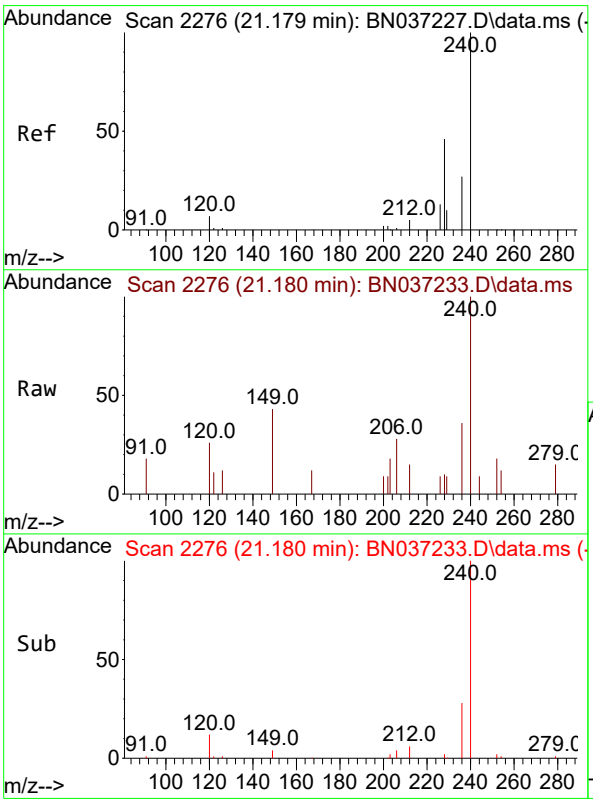
#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.021 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL

Tgt Ion:212 Resp: 1981

Ion	Ratio	Lower	Upper
212	100		
106	10.0	9.3	13.9
104	6.4	5.7	8.5

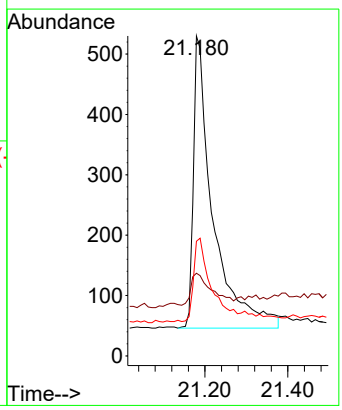


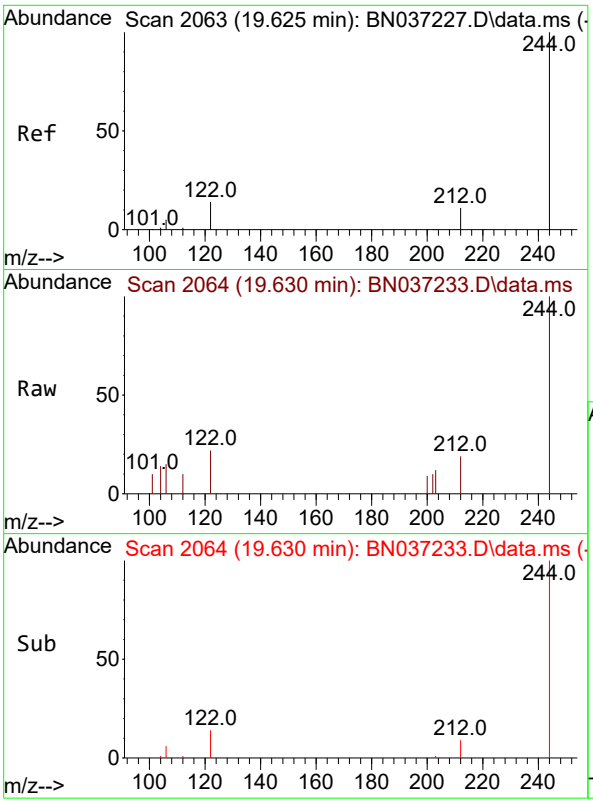


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Tgt Ion:240 Resp: 1578

Ion	Ratio	Lower	Upper
240	100		
120	25.8	11.3	16.9#
236	35.8	24.4	36.6



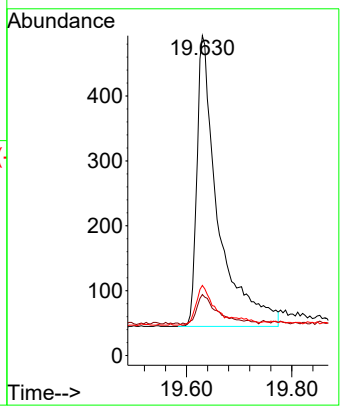


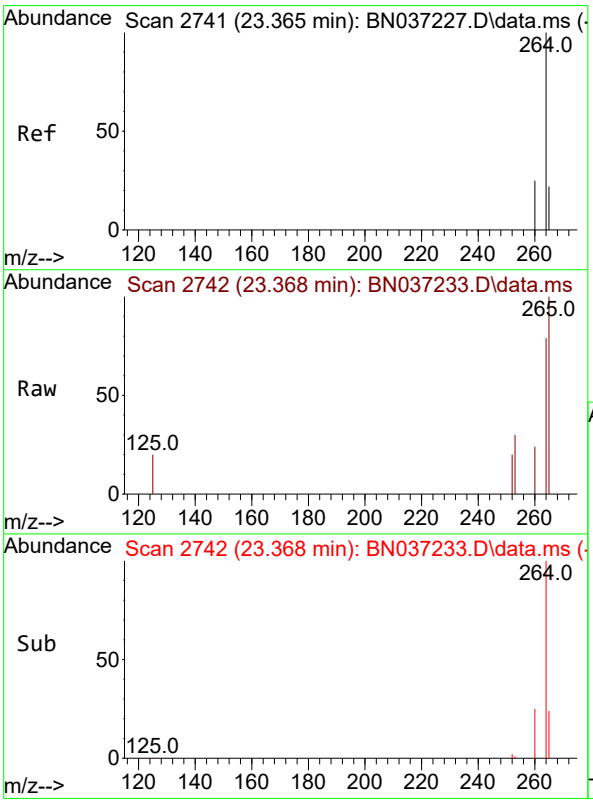
#31
Terphenyl-d14
Concen: 0.350 ng
RT: 19.630 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL

Tgt Ion:244 Resp: 1248

Ion	Ratio	Lower	Upper
244	100		
212	19.1	12.2	18.2#
122	21.9	14.3	21.5#

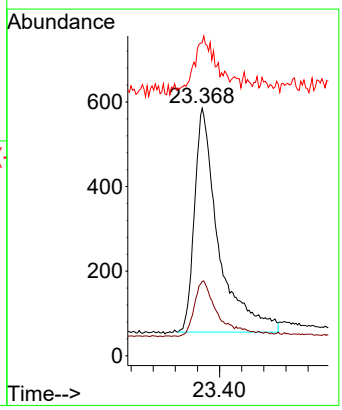




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.368 min Scan# 2742
Delta R.T. 0.003 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Tgt Ion:264 Resp: 1599

Ion	Ratio	Lower	Upper
264	100		
260	30.1	22.8	34.2
265	126.5	66.4	99.6#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037236.D
Acq On : 13 Jun 2025 20:49
Operator : RC/JU
Sample : PB168391BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 13 23:00:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168391BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/16/2025
Supervised By :Jagrut Upadhyay 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1477	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3518	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1759	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2958	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2090	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	1978	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	1185	0.327	ng	0.00
5) Phenol-d6	6.759	99	1317	0.344	ng	0.00
8) Nitrobenzene-d5	8.728	82	1257	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	11.955	152	1832m	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	226	0.309	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	2730	0.369	ng	0.00
27) Fluoranthene-d10	19.017	212	2623	0.339	ng	0.00
31) Terphenyl-d14	19.625	244	1755	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	796	0.393	ng	# 43
3) n-Nitrosodimethylamine	3.415	42	1681	0.364	ng	# 98
6) bis(2-Chloroethyl)ether	7.012	93	1244	0.363	ng	94
9) Naphthalene	10.404	128	3505	0.344	ng	98
10) Hexachlorobutadiene	10.693	225	890	0.359	ng	# 97
12) 2-Methylnaphthalene	12.031	142	1932	0.312	ng	98
16) Acenaphthylene	13.946	152	3185	0.370	ng	98
17) Acenaphthene	14.288	154	1906	0.343	ng	99
18) Fluorene	15.282	166	2411	0.337	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	219	0.399	ng	89
21) 4-Bromophenyl-phenylether	16.177	248	702	0.364	ng	96
22) Hexachlorobenzene	16.289	284	839	0.375	ng	98
23) Atrazine	16.450	200	638	0.371	ng	# 91
24) Pentachlorophenol	16.636	266	229	0.209	ng	95
25) Phenanthrene	17.021	178	3397	0.362	ng	99
26) Anthracene	17.108	178	3155	0.367	ng	99
28) Fluoranthene	19.045	202	3664	0.334	ng	99
30) Pyrene	19.412	202	3754	0.382	ng	100
32) Benzo(a)anthracene	21.162	228	2669	0.378	ng	99
33) Chrysene	21.206	228	3248	0.369	ng	100
34) Bis(2-ethylhexyl)phtha...	21.099	149	2029	0.386	ng	98
36) Indeno(1,2,3-cd)pyrene	25.552	276	3030	0.380	ng	99
37) Benzo(b)fluoranthene	22.708	252	2546	0.352	ng	95
38) Benzo(k)fluoranthene	22.754	252	3130	0.375	ng	97
39) Benzo(a)pyrene	23.269	252	2538	0.390	ng	96
40) Dibenzo(a,h)anthracene	25.570	278	2336	0.385	ng	100
41) Benzo(g,h,i)perylene	26.219	276	2629	0.355	ng	95

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

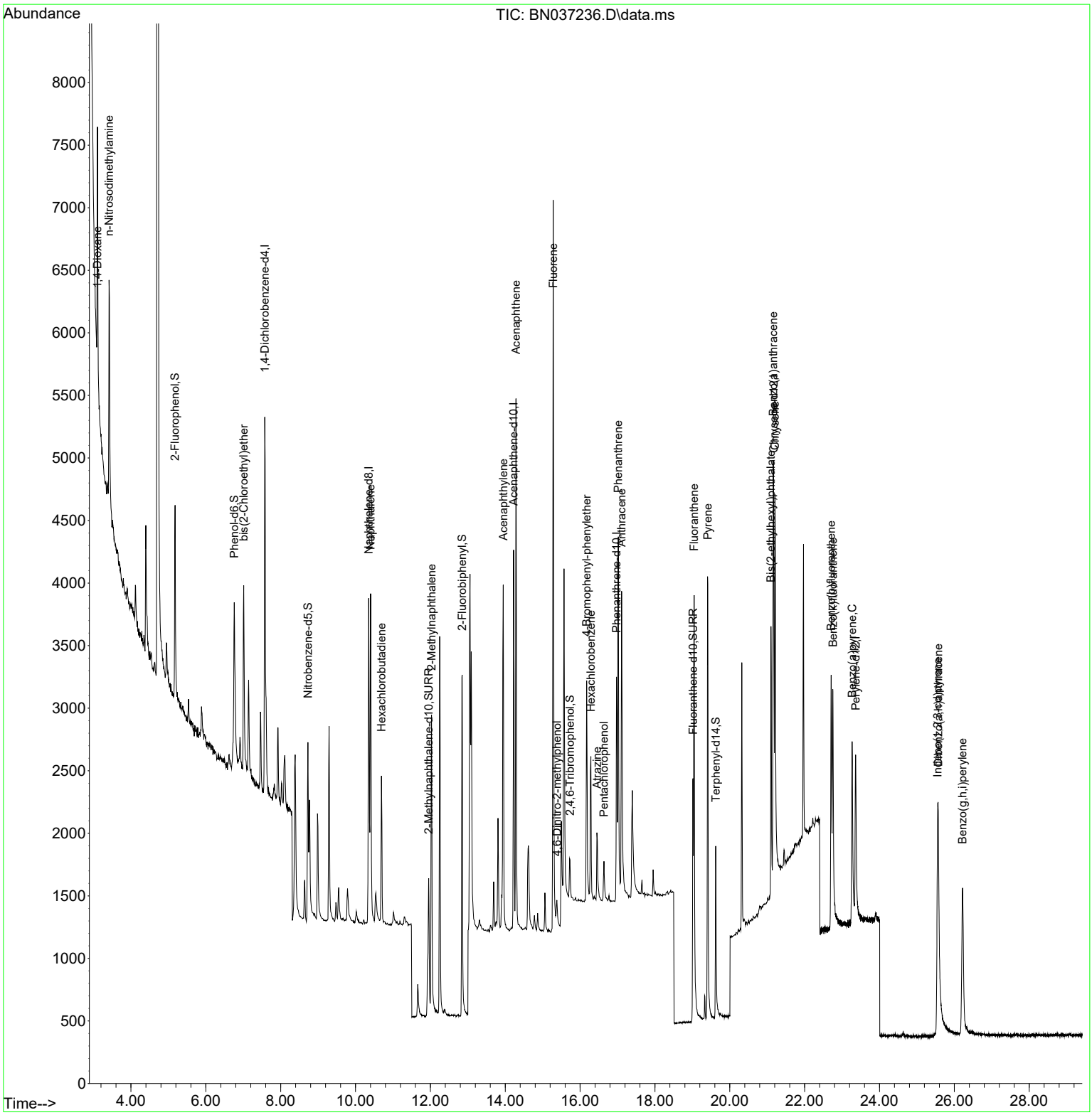
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037236.D
Acq On : 13 Jun 2025 20:49
Operator : RC/JU
Sample : PB168391BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 13 23:00:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168391BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/16/2025
Supervised By :Jagrut Upadhyay 06/16/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037237.D
Acq On : 13 Jun 2025 21:25
Operator : RC/JU
Sample : PB168391BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 23:00:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168391BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/16/2025
Supervised By :Jagrut Upadhyay 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1340	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3197	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1517	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2544	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1864	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	1823	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	1074	0.326	ng	0.00
5) Phenol-d6	6.759	99	1133	0.327	ng	0.00
8) Nitrobenzene-d5	8.728	82	1094	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	11.955	152	1567m	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	191	0.303	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	2414	0.379	ng	0.00
27) Fluoranthene-d10	19.017	212	2260	0.340	ng	0.00
31) Terphenyl-d14	19.625	244	1545	0.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	767	0.417	ng	# 39
3) n-Nitrosodimethylamine	3.415	42	1445	0.345	ng	# 98
6) bis(2-Chloroethyl)ether	7.012	93	1087	0.350	ng	95
9) Naphthalene	10.404	128	3142	0.339	ng	100
10) Hexachlorobutadiene	10.693	225	809	0.359	ng	# 96
12) 2-Methylnaphthalene	12.026	142	1733	0.308	ng	98
16) Acenaphthylene	13.946	152	2835	0.381	ng	98
17) Acenaphthene	14.288	154	1676	0.349	ng	99
18) Fluorene	15.282	166	2139	0.347	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	183	0.391	ng	89
21) 4-Bromophenyl-phenylether	16.177	248	601	0.363	ng	97
22) Hexachlorobenzene	16.289	284	730	0.380	ng	98
23) Atrazine	16.462	200	554	0.375	ng	95
24) Pentachlorophenol	16.636	266	179	0.190	ng	96
25) Phenanthrene	17.021	178	2878	0.357	ng	99
26) Anthracene	17.108	178	2707	0.366	ng	99
28) Fluoranthene	19.045	202	3075	0.326	ng	99
30) Pyrene	19.407	202	3164	0.361	ng	99
32) Benzo(a)anthracene	21.162	228	2335	0.371	ng	100
33) Chrysene	21.206	228	2859	0.365	ng	98
34) Bis(2-ethylhexyl)phtha...	21.099	149	1653	0.353	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.552	276	2941	0.400	ng	99
37) Benzo(b)fluoranthene	22.708	252	2370	0.355	ng	95
38) Benzo(k)fluoranthene	22.752	252	2685	0.349	ng	96
39) Benzo(a)pyrene	23.272	252	2338	0.390	ng	# 93
40) Dibenzo(a,h)anthracene	25.570	278	2093	0.374	ng	98
41) Benzo(g,h,i)perylene	26.216	276	2507	0.368	ng	97

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

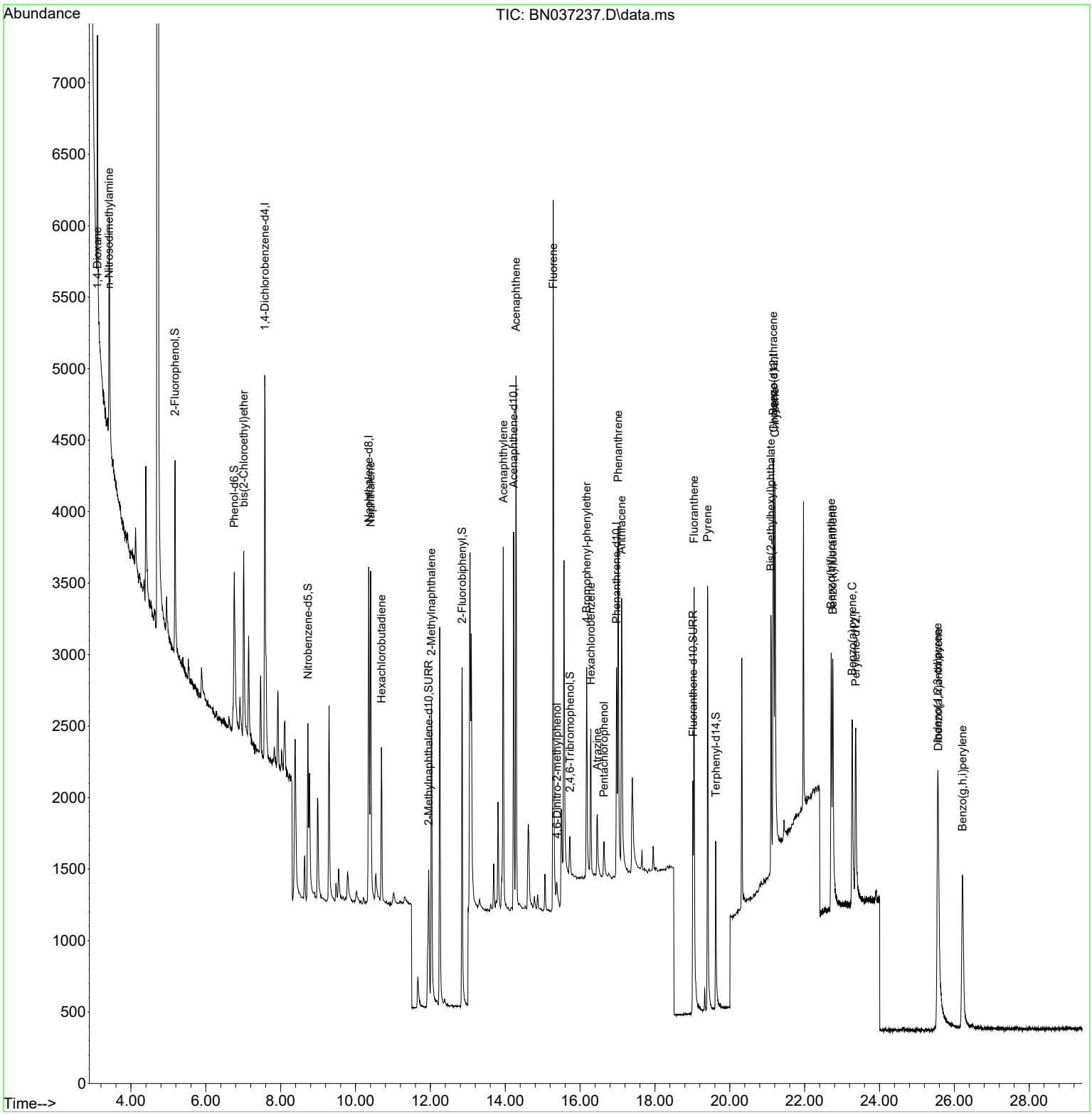
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037237.D
Acq On : 13 Jun 2025 21:25
Operator : RC/JU
Sample : PB168391BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 23:00:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168391BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/16/2025
Supervised By :Jagrut Upadhyay 06/16/2025



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Manual Integration Report

Sequence:	BN061325	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.1	BN037225.D	Benzo(k)fluoranthene	anahy	6/16/2025 10:00:46 AM	Jagrut	6/16/2025 10:17:11 AM	Peak Integrated by Software
SSTDICC0.1	BN037225.D	Dibenzo(a,h)anthracene	anahy	6/16/2025 10:00:46 AM	Jagrut	6/16/2025 10:17:11 AM	Peak Integrated by Software
PB168391BS	BN037236.D	2-Methylnaphthalene-d10	anahy	6/16/2025 10:01:28 AM	Jagrut	6/16/2025 10:16:51 AM	Peak Integrated by Software
PB168391BSD	BN037237.D	2-Methylnaphthalene-d10	anahy	6/16/2025 10:02:07 AM	Jagrut	6/16/2025 10:16:54 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN061325

Review By	anahy	Review On	6/16/2025 10:18:23 AM		
Supervise By	Jagrut	Supervise On	6/16/2025 10:18:34 AM		
SubDirectory	BN061325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn061325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037223.D	13 Jun 2025 11:34	RC/JU	Ok
2	SSTDCCC0.4	BN037224.D	13 Jun 2025 12:50	RC/JU	Not Ok
3	SSTDICC0.1	BN037225.D	13 Jun 2025 13:33	RC/JU	Ok,M
4	SSTDICC0.2	BN037226.D	13 Jun 2025 14:10	RC/JU	Ok
5	SSTDICCC0.4	BN037227.D	13 Jun 2025 14:46	RC/JU	Ok
6	SSTDICC0.8	BN037228.D	13 Jun 2025 15:22	RC/JU	Ok
7	SSTDICC1.6	BN037229.D	13 Jun 2025 15:59	RC/JU	Ok
8	SSTDICC3.2	BN037230.D	13 Jun 2025 16:35	RC/JU	Ok
9	SSTDICC5.0	BN037231.D	13 Jun 2025 17:11	RC/JU	Ok
10	SSTDICV0.4	BN037232.D	13 Jun 2025 17:47	RC/JU	Ok
11	PB168391BL	BN037233.D	13 Jun 2025 19:00	RC/JU	Ok
12	Q2275-01	BN037234.D	13 Jun 2025 19:36	RC/JU	Ok
13	Q2275-03	BN037235.D	13 Jun 2025 20:12	RC/JU	Ok
14	PB168391BS	BN037236.D	13 Jun 2025 20:49	RC/JU	Ok,M
15	PB168391BSD	BN037237.D	13 Jun 2025 21:25	RC/JU	Ok,M
16	SSTDCCC0.4	BN037238.D	13 Jun 2025 22:01	RC/JU	Ok
17	DFTPP	BN037239.D	13 Jun 2025 23:16	RC/JU	Ok
18	SSTDCCC0.4	BN037240.D	13 Jun 2025 23:55	RC/JU	Ok
19	PB168458BL	BN037241.D	14 Jun 2025 00:31	RC/JU	Ok
20	Q2263-01	BN037242.D	14 Jun 2025 01:08	RC/JU	Ok
21	Q2263-02	BN037243.D	14 Jun 2025 01:44	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN061325

Review By	anahy	Review On	6/16/2025 10:18:23 AM		
Supervise By	Jagrut	Supervise On	6/16/2025 10:18:34 AM		
SubDirectory	BN061325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn061325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2299-01	BN037244.D	14 Jun 2025 02:20	RC/JU	Ok
23	Q2299-02	BN037245.D	14 Jun 2025 02:56	RC/JU	Ok
24	Q2299-03MS	BN037246.D	14 Jun 2025 03:32	RC/JU	Ok,M
25	Q2299-04MSD	BN037247.D	14 Jun 2025 04:08	RC/JU	Ok,M
26	Q2299-05	BN037248.D	14 Jun 2025 04:45	RC/JU	Ok
27	Q2299-06	BN037249.D	14 Jun 2025 05:21	RC/JU	Ok
28	Q2299-07	BN037250.D	14 Jun 2025 05:57	RC/JU	Ok
29	Q2299-08	BN037251.D	14 Jun 2025 06:33	RC/JU	Ok
30	Q2299-09	BN037252.D	14 Jun 2025 07:09	RC/JU	Ok
31	Q2299-10	BN037253.D	14 Jun 2025 07:46	RC/JU	Ok
32	Q2299-11	BN037254.D	14 Jun 2025 08:22	RC/JU	Ok
33	Q2299-12	BN037255.D	14 Jun 2025 08:58	RC/JU	Ok
34	Q2299-13	BN037256.D	14 Jun 2025 09:34	RC/JU	Dilution
35	SSTDCCC0.4	BN037257.D	14 Jun 2025 10:10	RC/JU	Ok
36	DFTPP	BN037258.D	14 Jun 2025 12:44	RC/JU	Ok
37	SSTDCCC0.4	BN037259.D	14 Jun 2025 13:23	RC/JU	Ok
38	PB168336BL	BN037260.D	14 Jun 2025 13:59	RC/JU	Ok
39	Q2299-14	BN037261.D	14 Jun 2025 14:35	RC/JU	Dilution
40	Q2299-15	BN037262.D	14 Jun 2025 15:11	RC/JU	Ok
41	Q2299-16	BN037263.D	14 Jun 2025 15:47	RC/JU	Ok
42	Q2299-17	BN037264.D	14 Jun 2025 16:23	RC/JU	Dilution
43	Q2299-18	BN037265.D	14 Jun 2025 17:00	RC/JU	Ok
44	Q2299-19	BN037266.D	14 Jun 2025 17:36	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN061325

Review By	anahy	Review On	6/16/2025 10:18:23 AM		
Supervise By	Jagrut	Supervise On	6/16/2025 10:18:34 AM		
SubDirectory	BN061325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn061325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2299-20	BN037267.D	14 Jun 2025 18:12	RC/JU	Ok
46	Q2299-21	BN037268.D	14 Jun 2025 18:48	RC/JU	Ok
47	Q2299-22	BN037269.D	14 Jun 2025 19:24	RC/JU	Ok
48	PB168458BS	BN037270.D	14 Jun 2025 20:00	RC/JU	Ok,M
49	SSTDCCC0.4	BN037271.D	14 Jun 2025 20:36	RC/JU	Ok
50	DFTPP	BN037272.D	14 Jun 2025 21:51	RC/JU	Ok
51	SSTDCCC0.4	BN037273.D	14 Jun 2025 22:31	RC/JU	Ok
52	PB168476BL	BN037274.D	14 Jun 2025 23:07	RC/JU	Ok
53	Q2314-04	BN037275.D	14 Jun 2025 23:43	RC/JU	Ok
54	Q2314-05	BN037276.D	15 Jun 2025 00:18	RC/JU	Ok
55	Q2314-06	BN037277.D	15 Jun 2025 00:54	RC/JU	Ok
56	Q2316-01	BN037278.D	15 Jun 2025 01:30	RC/JU	Ok
57	Q2316-02	BN037279.D	15 Jun 2025 02:06	RC/JU	Ok
58	PB168476BS	BN037280.D	15 Jun 2025 02:42	RC/JU	Ok,M
59	PB168476BSD	BN037281.D	15 Jun 2025 03:18	RC/JU	Ok,M
60	SSTDCCC0.4	BN037282.D	15 Jun 2025 03:54	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN061325

Review By	anahy	Review On	6/16/2025 10:18:23 AM	
Supervise By	Jagrut	Supervise On	6/16/2025 10:18:34 AM	
SubDirectory	BN061325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn061325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037223.D	13 Jun 2025 11:34		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037224.D	13 Jun 2025 12:50	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC0.1	SSTDICC0.1	BN037225.D	13 Jun 2025 13:33	Compound #02,03,20,24,34 remvoed from 0.1 PPM	RC/JU	Ok,M
4	SSTDICC0.2	SSTDICC0.2	BN037226.D	13 Jun 2025 14:10		RC/JU	Ok
5	SSTDICCC0.4	SSTDICCC0.4	BN037227.D	13 Jun 2025 14:46	Compound#20 Kept on QR	RC/JU	Ok
6	SSTDICC0.8	SSTDICC0.8	BN037228.D	13 Jun 2025 15:22		RC/JU	Ok
7	SSTDICC1.6	SSTDICC1.6	BN037229.D	13 Jun 2025 15:59		RC/JU	Ok
8	SSTDICC3.2	SSTDICC3.2	BN037230.D	13 Jun 2025 16:35		RC/JU	Ok
9	SSTDICC5.0	SSTDICC5.0	BN037231.D	13 Jun 2025 17:11		RC/JU	Ok
10	SSTDICV0.4	ICVBN061325	BN037232.D	13 Jun 2025 17:47		RC/JU	Ok
11	PB168391BL	PB168391BL	BN037233.D	13 Jun 2025 19:00		RC/JU	Ok
12	Q2275-01	OW-08B-72.5-060925	BN037234.D	13 Jun 2025 19:36		RC/JU	Ok
13	Q2275-03	EB01-060925	BN037235.D	13 Jun 2025 20:12		RC/JU	Ok
14	PB168391BS	PB168391BS	BN037236.D	13 Jun 2025 20:49		RC/JU	Ok,M
15	PB168391BSD	PB168391BSD	BN037237.D	13 Jun 2025 21:25		RC/JU	Ok,M
16	SSTDCCC0.4	SSTDCCC0.4EC	BN037238.D	13 Jun 2025 22:01		RC/JU	Ok
17	DFTPP	DFTPP	BN037239.D	13 Jun 2025 23:16		RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN061325

Review By	anahy	Review On	6/16/2025 10:18:23 AM	
Supervise By	Jagrut	Supervise On	6/16/2025 10:18:34 AM	
SubDirectory	BN061325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn061325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	SSTDCCC0.4	SSTDCCC0.4	BN037240.D	13 Jun 2025 23:55		RC/JU	Ok
19	PB168458BL	PB168458BL	BN037241.D	14 Jun 2025 00:31		RC/JU	Ok
20	Q2263-01	RW9-MW01D3-202506	BN037242.D	14 Jun 2025 01:08		RC/JU	Ok
21	Q2263-02	RW9-MW01S-2025060	BN037243.D	14 Jun 2025 01:44		RC/JU	Ok
22	Q2299-01	RE117D1-20250609	BN037244.D	14 Jun 2025 02:20		RC/JU	Ok
23	Q2299-02	RE117D2-20250609	BN037245.D	14 Jun 2025 02:56		RC/JU	Ok
24	Q2299-03MS	TT191D1-20250609MS	BN037246.D	14 Jun 2025 03:32		RC/JU	Ok,M
25	Q2299-04MSD	TT191D1-20250609MS	BN037247.D	14 Jun 2025 04:08		RC/JU	Ok,M
26	Q2299-05	TT191D1-20250609	BN037248.D	14 Jun 2025 04:45		RC/JU	Ok
27	Q2299-06	TT191D2-20250609	BN037249.D	14 Jun 2025 05:21		RC/JU	Ok
28	Q2299-07	RW10-MW01S-202506	BN037250.D	14 Jun 2025 05:57		RC/JU	Ok
29	Q2299-08	RW10-MW01D-202506	BN037251.D	14 Jun 2025 06:33		RC/JU	Ok
30	Q2299-09	RW10A-MW01S-20250	BN037252.D	14 Jun 2025 07:09		RC/JU	Ok
31	Q2299-10	RW10A-MW01I-202506	BN037253.D	14 Jun 2025 07:46		RC/JU	Ok
32	Q2299-11	TT158I1-20250610	BN037254.D	14 Jun 2025 08:22		RC/JU	Ok
33	Q2299-12	DUP01-20250610	BN037255.D	14 Jun 2025 08:58		RC/JU	Ok
34	Q2299-13	RE131D2-20250610	BN037256.D	14 Jun 2025 09:34	Need 5X Dilution	RC/JU	Dilution
35	SSTDCCC0.4	SSTDCCC0.4EC	BN037257.D	14 Jun 2025 10:10		RC/JU	Ok
36	DFTPP	DFTPP	BN037258.D	14 Jun 2025 12:44		RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN061325

Review By	anahy	Review On	6/16/2025 10:18:23 AM	
Supervise By	Jagrut	Supervise On	6/16/2025 10:18:34 AM	
SubDirectory	BN061325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn061325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	SSTDCCC0.4	SSTDCCC0.4	BN037259.D	14 Jun 2025 13:23		RC/JU	Ok
38	PB168336BL	PB168336BL	BN037260.D	14 Jun 2025 13:59		RC/JU	Ok
39	Q2299-14	DUP02-20250610	BN037261.D	14 Jun 2025 14:35	Need 5X Dilution	RC/JU	Dilution
40	Q2299-15	TT174I1-20250610	BN037262.D	14 Jun 2025 15:11		RC/JU	Ok
41	Q2299-16	RE134D4-20250610	BN037263.D	14 Jun 2025 15:47		RC/JU	Ok
42	Q2299-17	RE134D3-20250610	BN037264.D	14 Jun 2025 16:23	Need 2X Dilution	RC/JU	Dilution
43	Q2299-18	TT190D1-20250611	BN037265.D	14 Jun 2025 17:00		RC/JU	Ok
44	Q2299-19	RW11-MW01I-2025061	BN037266.D	14 Jun 2025 17:36		RC/JU	Ok
45	Q2299-20	RW11-MW01S-202506	BN037267.D	14 Jun 2025 18:12		RC/JU	Ok
46	Q2299-21	RE134D1-20250611	BN037268.D	14 Jun 2025 18:48		RC/JU	Ok
47	Q2299-22	TT190D2-20250611	BN037269.D	14 Jun 2025 19:24		RC/JU	Ok
48	PB168458BS	PB168458BS	BN037270.D	14 Jun 2025 20:00		RC/JU	Ok,M
49	SSTDCCC0.4	SSTDCCC0.4EC	BN037271.D	14 Jun 2025 20:36		RC/JU	Ok
50	DFTPP	DFTPP	BN037272.D	14 Jun 2025 21:51		RC/JU	Ok
51	SSTDCCC0.4	SSTDCCC0.4	BN037273.D	14 Jun 2025 22:31		RC/JU	Ok
52	PB168476BL	PB168476BL	BN037274.D	14 Jun 2025 23:07		RC/JU	Ok
53	Q2314-04	BP-VPB-182-GW-880-8	BN037275.D	14 Jun 2025 23:43		RC/JU	Ok
54	Q2314-05	BP-VPB-182-EB-20250	BN037276.D	15 Jun 2025 00:18		RC/JU	Ok
55	Q2314-06	VPB182-HYD-2025061	BN037277.D	15 Jun 2025 00:54	Surrogate fail	RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN061325

Review By	anahy	Review On	6/16/2025 10:18:23 AM	
Supervise By	Jagrut	Supervise On	6/16/2025 10:18:34 AM	
SubDirectory	BN061325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn061325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

56	Q2316-01	RW8-SP100-20250612	BN037278.D	15 Jun 2025 01:30		RC/JU	Ok
57	Q2316-02	RW8-SP303-20250612	BN037279.D	15 Jun 2025 02:06		RC/JU	Ok
58	PB168476BS	PB168476BS	BN037280.D	15 Jun 2025 02:42		RC/JU	Ok,M
59	PB168476BSD	PB168476BSD	BN037281.D	15 Jun 2025 03:18		RC/JU	Ok,M
60	SSTDCCC0.4	SSTDCCC0.4EC	BN037282.D	15 Jun 2025 03:54		RC/JU	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB168391

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 06/10/2025

Extraction Start Time : 12:20

Extraction End Date : 06/10/2025

Extraction End Time : 17:10

Concentration By: EH

Supervisor By : RUPESH

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	0.4 PPM	SP6756
Surrogate	1.0ML	0.4 PPM	SP6758
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	E3939
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/10/25	RP (Ext. Lab)	RclSVOC
17:15	Preparation Group	Analysis Group

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EXTRACTION LOGPAGE

PrepBatch ID : PB168391

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 06/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168391BL	SBLK391	SVOC-SIMGroup1	1000	6	RUPESH	rajesh	1			SEP-1
PB168391BS	SLCS391	SVOC-SIMGroup1	1000	6	RUPESH	rajesh	1			2
PB168391BSD	SLCSD391	SVOC-SIMGroup1	1000	6	RUPESH	rajesh	1			3
Q2263-01	RW9-MW01D3-20250606	SVOC-SIMGroup1	1000	6	RUPESH	rajesh	1	C		4
Q2263-02	RW9-MW01D3-20250606	SVOC-SIMGroup1	970	6	RUPESH	rajesh	1	C		5
Q2275-01	OW-08B-72.5-060925	SVOC-SIMGroup1	990	6	RUPESH	rajesh	1	D		6
Q2275-03	EB01-060925	SVOC-SIMGroup1	890	6	RUPESH	rajesh	1	D		7

* **Extracts relinquished on the same date as received.**

6/10/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2263 **WorkList ID :** 190070 **Department :** Extraction **Date :** 06-10-2025 12:18:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2263-01	RW9-MW01D3-20250606	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D21	06/06/2025	8270-Modified
Q2263-02	RW9-MW01D3-20250606	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D21	06/06/2025	8270-Modified
Q2275-01	OW-08B-72.5-060925	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D31	06/08/2025	8270-Modified
Q2275-03	EB01-060925	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D31	06/08/2025	8270-Modified

Date/Time 06/10/25 12:19
Raw Sample Received by: Received (as)
Raw Sample Relinquished by:

Date/Time 06/10/25 12:11
Raw Sample Received by:
Raw Sample Relinquished by: Received (as)

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LAB CHRONICLE

OrderID:	Q2275	**OrderDate:**	6/10/2025 11:03:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2275-01	**OW-08B-72.5-060925**	**Water**			**06/08/25**			**06/10/25**
			SVOC-SIMGroup1	8270-Modified		06/10/25	06/13/25	
Q2275-03	**EB01-060925**	**Water**			**06/08/25**			**06/10/25**
			SVOC-SIMGroup1	8270-Modified		06/10/25	06/13/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
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www.chemtech.net

ALLIANCE PROJECT NO. Q2275
QUOTE NO.
COC Number 2047199

8
8.1

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO: COMPANY: Jacobs	PROJECT NAME: STC Princeton	BILL TO: Mary Murphy PO#:
ADDRESS: 412 Mt. Kemble Ave, Suite 100	PROJECT NO.: D3868221 LOCATION: Princeton Junction	ADDRESS:
CITY Morristown STATE: NJ ZIP: 07960	PROJECT MANAGER: Mary Murphy	CITY STATE: ZIP:
ATTENTION: John Ynfante John.YNfante@Jacobs.com	e-mail: Mary.Murphy@Jacobs.com	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	

DATA TURNAROUND INFORMATION

FAX (RUSH) Rush TAT (2 DAY) DAYS*
HARDCOPY (DATA PACKAGE): 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)
- ❑ NJ Reduced ❑ US EPA CLP
- ❑ NYS ASP A ❑ NYS ASP B
- ❑ Other
- ❑ EDD FORMAT

ANALYSIS

1. Site Specific VOCs (8260D Low)
2. 1,4-Dioxane (8270E SIM)
3. Trace VOCs (SPAHO / SIM)
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	1 (A/E)	2 (E)	3 (A/E)	4	5	6	7	8	9	COMMENTS
1.	OW-08B_72.5_060925	GW		X	6/8/25	1240	5	X	X								
2.	OW-08B_72.5_060925_SIM	GW		X	6/8/25	1240	3			X							
3.	EB01-060925	DI		X	6/8/25	1500	5	X	X								
4.	EB01-060925-SIM	DI		X	6/8/25	1500	3			X							
5.	TB01-060925	DI		X	6/8/25	0900	2	X									
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES — ← Specify Preservatives: A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	6/9/25 1500	1. [signature] 6/10/25 0700
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.2°C °C
Comments: See Work-order for list of Site specific VOC's
PO 2148064311

Page ____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

Q2275

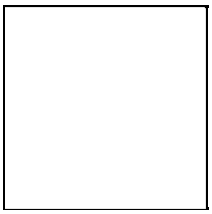
WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Ynfante, John <John.Ynfante@jacobs.com>
Sent: Thursday, June 12, 2025 2:00 PM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>; Data-EWR <Data-EWR@alliancetg.com>
Cc: Ongjoco, Alec <Alec.Ongjoco@jacobs.com>; Dillon, Alexa <Alexa.Dillon@jacobs.com>; Lader, Chelsea <Chelsea.Lader@jacobs.com>; Holmes, Daniel <Daniel.Holmes@jacobs.com>; Reamer, David <David.Reamer@jacobs.com>; Murphy, Mary <Mary.Murphy@jacobs.com>; Warren, Melissa <Melissa.Warren@jacobs.com>; Asher, Sarah <Sarah.Asher@jacobs.com>
Subject: RE: [EXTERNAL] Login Summary Details For Project Former Schlumberger STC PTC Site D3868221-Q2275.

Yazmeen,

It looks like SDG Q2275 was incorrectly logged in for 5-day rush TAT – note the chain requested a 2-day rush TAT. The team is looking for data today – is the lab going to be able to make that happen?

From: Data-EWR@alliancetg.com <Data-EWR@alliancetg.com>
Sent: Tuesday, June 10, 2025 11:12 AM
To: Ongjoco, Alec <Alec.Ongjoco@jacobs.com>; Dillon, Alexa <Alexa.Dillon@jacobs.com>; Lader, Chelsea <Chelsea.Lader@jacobs.com>; Holmes, Daniel <Daniel.Holmes@jacobs.com>; Reamer, David <David.Reamer@jacobs.com>; Ynfante, John <John.Ynfante@jacobs.com>; Murphy, Mary <Mary.Murphy@jacobs.com>; Warren, Melissa <Melissa.Warren@jacobs.com>; Asher, Sarah <Sarah.Asher@jacobs.com>
Cc: yazmeen.gomez@alliancetg.com
Subject: [EXTERNAL] Login Summary Details For Project Former Schlumberger STC PTC Site D3868221-Q2275.



To John Ynfante;

Please see the attached Login Summary for the following project, or download the file using your login credentials from the link below.

Order ID	: Q2275
Project ID	: Former Schlumberger STC PTC Site D3868221
Download File	: https://chemtech.net/secureLogin.aspx
Order Date	: 6/10/2025 11:03:00 AM
Alliance's Project Manager	: YAZMEEN GOMEZ , yazmeen.gomez@alliancetg.com , 908-728-3147
Alliance's Sales Executive	: Jordan Hedvat , jordan.hedvat@alliancetg.com , 908-728-3144

Thank you for the opportunity to provide you with our services. For any questions please feel free to
contact your project manager.

Click Here for our short online customer Survey http://chemtech.net/ClientSurvey.aspx .

Thank you,

Alliance Technical Group LLC.

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 :	Q2275 JACO05	**Order Date :**	6/10/2025 11:03:00 AM	**Project Mgr :**	Yazmeen
Client Name :	JACOBS Engineering Grou	**Project Name :**	Former Schlumberger STC	**Report Type :**	Level 3
Client Contact :	John Ynfante	**Receive DateTime :**	6/10/2025 7:00:00 AM	**EDD Type :**	CH2MHILL
Invoice Name :	JACOBS Engineering Grou	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	John Ynfante			**Date Signoff :**	6/10/2025 12:12:10 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q2275-01	OW-08B-72.5-060925	Water	06/08/2025	12:40						
					VOCMS Group3		8260-Low	3 Bus. Days	06/14/2025	
Q2275-02	OW-08B-72.5-060925-SIM	Water	06/08/2025	12:40						
					VOC-SIM		SFAM_VOCSIM	3 Bus. Days	06/18/2025	
Q2275-03	EB01-060925	Water	06/08/2025	15:00						
					VOCMS Group3		8260-Low	3 Bus. Days	06/14/2025	
Q2275-04	EB01-060925-SIM	Water	06/08/2025	15:00						
					VOC-SIM		SFAM_VOCSIM	3 Bus. Days	06/18/2025	
Q2275-05	TB01-060925	Water	06/08/2025	09:00						
					VOCMS Group3		8260-Low	3 Bus. Days	06/14/2025	

Relinguished By : _____
Date / Time : 6/10/25 1145

Received By : _____
Date / Time : 6.10.25 11:45

Storage Area : **VOA Refridgerator Room**