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

DATA PACKAGE

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : 61 LAUREL STREET

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q3108

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3108

Project ID : 61 Laurel Street

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3108-01	MW2

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

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:32 am, Sep 26, 2025

Date: 9/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: 61 Laurel Street
Project # N/A
Order ID # Q3108
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 09/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

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

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

The %RSD is greater than 20% in the Initial Calibration method (82N082125W.M) for Methylene Chloride passing on Linear regression.

The Continuous Calibration File ID VN087847.D met the requirements except for Bromochloromethane and Bromoform are failing high but no positive hit in associate sample while 4-Bromofluorobenzene and Dibromofluoromethane are failing high which are 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.

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Trip Blank was not provided with this set of samples.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:33 am, Sep 26, 2025

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CASE NARRATIVE

G Environmental
Project Name: 61 Laurel Street
Project # N/A
Order ID # Q3108
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 09/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested:
. This data package contains results for SVOCMS Group1(8270E).

C. Analytical Techniques:
SVOCMS Group1 : The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.

The Blank Spike for {PB169719BS} with File ID: BP025774.D met requirements for all compounds except for Acenaphthylene[78%], Hexachloroethane[74%], are marginally biased low,therefore no corrective action was taken.

The Blank Spike Duplicate met requirements for all compounds except following
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:
SVOCMS Group1 : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

F. Manual Integration Comments:

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

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

Signature___ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:36 am, Sep 26, 2025

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 #: Q3108

	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:** 09/25/2025

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Hit Summary Sheet
SW-846

SDG No.: Q3108

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW2**								
Q3108-01	MW2	Water	Cyclohexane		38.6		1.50	5.00	ug/L
Q3108-01	MW2	Water	Methylcyclohexane		20.1		0.16	1.00	ug/L
Q3108-01	MW2	Water	Benzene		0.90	J	0.15	1.00	ug/L
Q3108-01	MW2	Water	Toluene		10.1		0.14	1.00	ug/L
Q3108-01	MW2	Water	Ethyl Benzene		67.7		0.13	1.00	ug/L
Q3108-01	MW2	Water	m/p-Xylenes		110		0.24	2.00	ug/L
Q3108-01	MW2	Water	o-Xylene		45.2		0.12	1.00	ug/L
Q3108-01	MW2	Water	Isopropylbenzene		19.7		0.12	1.00	ug/L
			Total Voc :		312				
Q3108-01	MW2	Water	Butane, 2-methyl-	*	48.0	J	0	0	ug/L
Q3108-01	MW2	Water	Butane, 2,3-dimethyl-	*	13.7	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane, 3-methyl-	*	35.9	J	0	0	ug/L
Q3108-01	MW2	Water	Cyclopentane, methyl-	*	54.5	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane, 2-methyl-	*	46.4	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane	*	24.4	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane, 2,3-dimethyl-	*	14.0	J	0	0	ug/L
Q3108-01	MW2	Water	Benzene, 1-ethyl-2-methyl-	*	38.2	J	0	0	ug/L
Q3108-01	MW2	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	19.2	J	0	0	ug/L
Q3108-01	MW2	Water	Benzene, 2-ethenyl-1,4-dimeth	*	25.7	J	0	0	ug/L
Q3108-01	MW2	Water	n-propylbenzene	*	61.2	J	0.13	1.00	ug/L
Q3108-01	MW2	Water	1,3,5-Trimethylbenzene	*	40.8	J	0.15	1.00	ug/L
Q3108-01	MW2	Water	1,2,4-Trimethylbenzene	*	150	J	0.14	1.00	ug/L
Q3108-01	MW2	Water	sec-Butylbenzene	*	3.90	J	0.13	1.00	ug/L
Q3108-01	MW2	Water	p-Isopropyltoluene	*	1.40	J	0.13	1.00	ug/L
Q3108-01	MW2	Water	n-Butylbenzene	*	5.10	J	0.15	1.00	ug/L
			Total Tics :		582				
			Total Concentration:		895				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087853.D	1	09/16/25 16:29	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	38.6		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.1		0.16	1.00	ug/L
71-43-2	Benzene	0.90	J	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087853.D	1	09/16/25 16:29	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	10.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	67.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	2.00	ug/L
95-47-6	o-Xylene	45.2		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.2		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	185000	8.206			
540-36-3	1,4-Difluorobenzene	421000	9.083			
3114-55-4	Chlorobenzene-d5	413000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	215000	13.77			

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Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087853.D	1	09/16/25 16:29	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
000078-78-4	Butane, 2-methyl-	48.0	J		3.27	ug/L
000109-66-0	Pentane	24.4	J		3.65	ug/L
000079-29-8	Butane, 2,3-dimethyl-	13.7	J		5.26	ug/L
000107-83-5	Pentane, 2-methyl-	46.4	J		5.33	ug/L
000096-14-0	Pentane, 3-methyl-	35.9	J		5.80	ug/L
000096-37-7	Cyclopentane, methyl-	54.5	J		7.31	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	14.0	J		8.31	ug/L
103-65-1	n-propylbenzene	61.2	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	40.8	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	38.2	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	150	J		13.5	ug/L
135-98-8	sec-Butylbenzene	3.90	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	1.40	J		13.7	ug/L
104-51-8	n-Butylbenzene	5.10	J		14.0	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	19.2	J		14.3	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	25.7	J		15.0	ug/L

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

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

QC SUMMARY

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

SDG No.: Q3108

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3108-01	MW2	1,2-Dichloroethane-d4	50	48.2	96		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	50.2	100		77	121
VN0916WBL01	VN0916WBL01	1,2-Dichloroethane-d4	50	49.1	98		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	47.1	94		86	113
		4-Bromofluorobenzene	50	45.7	91		77	121
VN0916WBS01	VN0916WBS01	1,2-Dichloroethane-d4	50	44.1	88		74	125
		Dibromofluoromethane	50	47.5	95		75	124
		Toluene-d8	50	45.0	90		86	113
		4-Bromofluorobenzene	50	46.8	94		77	121
VN0916WBSD0	VN0916WBSD01	1,2-Dichloroethane-d4	50	43.5	87		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	45.6	91		86	113
		4-Bromofluorobenzene	50	46.4	93		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087850.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBS01	Dichlorodifluoromethane	20	18.5	ug/L	93			69	116	
	Chloromethane	20	19.0	ug/L	95			65	116	
	Vinyl chloride	20	17.9	ug/L	90			65	117	
	Bromomethane	20	19.8	ug/L	99			58	125	
	Chloroethane	20	18.1	ug/L	91			56	128	
	Trichlorofluoromethane	20	19.4	ug/L	97			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.3	ug/L	92			80	112	
	Tert butyl alcohol	100	90.0	ug/L	90			48	142	
	1,1-Dichloroethene	20	18.2	ug/L	91			74	110	
	Acetone	100	75.9	ug/L	76			60	125	
	Carbon disulfide	20	19.4	ug/L	97			64	112	
	Methyl tert-butyl Ether	20	18.0	ug/L	90			78	114	
	Methyl Acetate	20	19.6	ug/L	98			67	125	
	Methylene Chloride	20	19.2	ug/L	96			72	114	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			75	108	
	1,1-Dichloroethane	20	18.0	ug/L	90			78	112	
	Cyclohexane	20	17.7	ug/L	89			75	110	
	2-Butanone	100	87.0	ug/L	87			65	122	
	Carbon Tetrachloride	20	19.2	ug/L	96			77	113	
	cis-1,2-Dichloroethene	20	19.4	ug/L	97			77	110	
	Bromochloromethane	20	17.9	ug/L	90			70	124	
	Chloroform	20	18.9	ug/L	95			79	113	
	1,1,1-Trichloroethane	20	18.7	ug/L	94			80	108	
	Methylcyclohexane	20	17.4	ug/L	87			72	115	
	Benzene	20	19.1	ug/L	96			82	109	
	1,2-Dichloroethane	20	18.1	ug/L	91			80	115	
	Trichloroethene	20	18.9	ug/L	95			77	113	
	1,2-Dichloropropane	20	18.4	ug/L	92			83	111	
	Bromodichloromethane	20	19.1	ug/L	96			83	110	
	4-Methyl-2-Pentanone	100	92.8	ug/L	93			74	118	
	Toluene	20	18.6	ug/L	93			82	110	
	t-1,3-Dichloropropene	20	17.9	ug/L	90			79	110	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			82	110	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			83	112	
	2-Hexanone	100	90.1	ug/L	90			73	117	
	Dibromochloromethane	20	18.9	ug/L	95			82	110	
	1,2-Dibromoethane	20	19.0	ug/L	95			81	110	
	Tetrachloroethene	20	19.2	ug/L	96			67	123	
	Chlorobenzene	20	19.2	ug/L	96			82	109	
	Ethyl Benzene	20	18.2	ug/L	91			83	109	
	m/p-Xylenes	40	37.6	ug/L	94			82	110	
	o-Xylene	20	18.8	ug/L	94			83	109	
	Styrene	20	18.8	ug/L	94			80	111	
	Bromoform	20	21.0	ug/L	105			79	109	
	Isopropylbenzene	20	16.7	ug/L	84			83	112	
	1,1,2,2-Tetrachloroethane	20	17.5	ug/L	88			76	118	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	18.2	ug/L	91			82	107	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3108**	**Analytical Method:**	**SW8260-Low**
Client:	**G Environmental**	**Datafile :**	VN087850.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBS01	1,2-Dichlorobenzene	20	17.9	ug/L	90			82	109	
	1,2-Dibromo-3-Chloropropane	20	16.4	ug/L	82			68	112	
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90			75	113	
	1,2,3-Trichlorobenzene	20	17.8	ug/L	89			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087851.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBSD01	Dichlorodifluoromethane	20	19.0	ug/L	95	2		69	116	19
	Chloromethane	20	18.4	ug/L	92	3		65	116	21
	Vinyl chloride	20	18.4	ug/L	92	2		65	117	19
	Bromomethane	20	19.5	ug/L	98	1		58	125	20
	Chloroethane	20	16.9	ug/L	85	7		56	128	20
	Trichlorofluoromethane	20	19.7	ug/L	99	2		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93	1		80	112	15
	Tert butyl alcohol	100	92.9	ug/L	93	3		48	142	30
	1,1-Dichloroethene	20	17.6	ug/L	88	3		74	110	20
	Acetone	100	71.9	ug/L	72	5		60	125	20
	Carbon disulfide	20	18.7	ug/L	94	3		64	112	20
	Methyl tert-butyl Ether	20	17.0	ug/L	85	6		78	114	20
	Methyl Acetate	20	18.6	ug/L	93	5		67	125	20
	Methylene Chloride	20	18.4	ug/L	92	4		72	114	20
	trans-1,2-Dichloroethene	20	17.6	ug/L	88	4		75	108	16
	1,1-Dichloroethane	20	17.5	ug/L	88	2		78	112	20
	Cyclohexane	20	18.1	ug/L	91	2		75	110	20
	2-Butanone	100	84.2	ug/L	84	4		65	122	26
	Carbon Tetrachloride	20	19.7	ug/L	99	3		77	113	15
	cis-1,2-Dichloroethene	20	18.2	ug/L	91	6		77	110	20
	Bromochloromethane	20	17.4	ug/L	87	3		70	124	20
	Chloroform	20	18.0	ug/L	90	5		79	113	20
	1,1,1-Trichloroethane	20	18.1	ug/L	91	3		80	108	20
	Methylcyclohexane	20	18.5	ug/L	93	7		72	115	20
	Benzene	20	18.9	ug/L	95	1		82	109	15
	1,2-Dichloroethane	20	18.0	ug/L	90	1		80	115	20
	Trichloroethene	20	19.8	ug/L	99	4		77	113	15
	1,2-Dichloropropane	20	18.4	ug/L	92	0		83	111	16
	Bromodichloromethane	20	19.2	ug/L	96	0		83	110	16
	4-Methyl-2-Pentanone	100	92.1	ug/L	92	1		74	118	25
	Toluene	20	18.7	ug/L	94	1		82	110	16
	t-1,3-Dichloropropene	20	18.3	ug/L	92	2		79	110	20
	cis-1,3-Dichloropropene	20	17.9	ug/L	90	4		82	110	16
	1,1,2-Trichloroethane	20	20.1	ug/L	101	4		83	112	20
	2-Hexanone	100	89.5	ug/L	90	0		73	117	25
	Dibromochloromethane	20	19.1	ug/L	96	1		82	110	20
	1,2-Dibromoethane	20	18.6	ug/L	93	2		81	110	20
	Tetrachloroethene	20	19.7	ug/L	99	3		67	123	15
	Chlorobenzene	20	19.0	ug/L	95	1		82	109	15
	Ethyl Benzene	20	18.7	ug/L	94	3		83	109	16
	m/p-Xylenes	40	39.2	ug/L	98	4		82	110	15
	o-Xylene	20	19.5	ug/L	98	4		83	109	20
	Styrene	20	19.0	ug/L	95	1		80	111	17
	Bromoform	20	21.1	ug/L	106	1		79	109	20
	Isopropylbenzene	20	17.4	ug/L	87	4		83	112	29
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93	6		76	118	20
	1,3-Dichlorobenzene	20	18.8	ug/L	94	4		82	108	20
	1,4-Dichlorobenzene	20	18.2	ug/L	91	0		82	107	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3108**	**Analytical Method:**	**SW8260-Low**
Client:	**G Environmental**	**Datafile :**	VN087851.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBSD01	1,2-Dichlorobenzene	20	19.3	ug/L	97	7		82	109	20
	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85	4		68	112	20
	1,2,4-Trichlorobenzene	20	19.0	ug/L	95	5		75	113	29
	1,2,3-Trichlorobenzene	20	18.6	ug/L	93	4		76	114	29

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0916WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3108

Lab File ID: VN087849.D | Lab Sample ID: VN0916WBL01

Date Analyzed: 09/16/2025 | Time Analyzed: 15:04

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0916WBS01	VN0916WBS01	VN087850.D	09/16/2025
VN0916WBSD01	VN0916WBSD01	VN087851.D	09/16/2025
MW2	Q3108-01	VN087853.D	09/16/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3108
Lab File ID: VN087614.D
BFB Injection Date: 08/21/2025
Instrument ID: MSVOA_N
BFB Injection Time: 09:30
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.8
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	69
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	67.7 (98.1) 1
177	5.0 - 9.0% of mass 176	4.8 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087619.D	08/21/2025	12:09
VSTDICC005	VSTDICC005	VN087620.D	08/21/2025	13:08
VSTDICC020	VSTDICC020	VN087621.D	08/21/2025	13:41
VSTDICCC050	VSTDICCC050	VN087622.D	08/21/2025	14:02
VSTDICC100	VSTDICC100	VN087623.D	08/21/2025	14:23
VSTDICC150	VSTDICC150	VN087624.D	08/21/2025	14:44

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3108
Lab File ID: VN087846.D
BFB Injection Date: 09/16/2025
Instrument ID: MSVOA_N
BFB Injection Time: 11:25
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.6
75	30.0 - 60.0% of mass 95	55.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	5.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.2
175	5.0 - 9.0% of mass 174	4.5 (6.2) 1
176	95.0 - 101.0% of mass 174	70.1 (97.1) 1
177	5.0 - 9.0% of mass 176	4.5 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087847.D	09/16/2025	13:55
VN0916WBL01	VN0916WBL01	VN087849.D	09/16/2025	15:04
VN0916WBS01	VN0916WBS01	VN087850.D	09/16/2025	15:25
VN0916WBSD01	VN0916WBSD01	VN087851.D	09/16/2025	15:46
MW2	Q3108-01	VN087853.D	09/16/2025	16:29

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: VN087847.D Date Analyzed: 09/16/2025

Instrument ID: MSVOA_N Time Analyzed: 13:55

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	239136	8.21	433645	9.08	409197	11.85
UPPER LIMIT	478272	8.706	867290	9.583	818394	12.347
LOWER LIMIT	119568	7.706	216823	8.583	204599	11.347
EPA SAMPLE NO.						
MW2	185269	8.21	420719	9.08	413257	11.85
VN0916WBL01	184438	8.21	413572	9.08	397360	11.85
VN0916WBS01	212441	8.21	416535	9.08	384629	11.85
VN0916WBSD01	229272	8.21	433869	9.08	392898	11.85

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: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: VN087847.D Date Analyzed: 09/16/2025

Instrument ID: MSVOA_N Time Analyzed: 13:55

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	226483	13.77				
UPPER LIMIT	452966	14.27				
LOWER LIMIT	113242	13.27				
EPA SAMPLE NO.						
MW2	214606	13.77				
VN0916WBL01	180365	13.77				
VN0916WBS01	210239	13.77				
VN0916WBSD01	209579	13.77				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBL01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087849.D	1	09/16/25 15:04	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBL01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087849.D	1	09/16/25 15:04	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.1		86 - 113	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.7		77 - 121	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	184000	8.206			
540-36-3	1,4-Difluorobenzene	414000	9.082			
3114-55-4	Chlorobenzene-d5	397000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	180000	13.77			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBL01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087849.D	1	09/16/25 15:04	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBS01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087850.D	1	09/16/25 15:25	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.5		0.22	1.00	ug/L
74-87-3	Chloromethane	19.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.9		0.26	1.00	ug/L
74-83-9	Bromomethane	19.8		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.3		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	90.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
67-64-1	Acetone	75.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.7		1.50	5.00	ug/L
78-93-3	2-Butanone	87.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.9		0.22	1.00	ug/L
67-66-3	Chloroform	18.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.4		0.16	1.00	ug/L
71-43-2	Benzene	19.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.8		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBS01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087850.D	1	09/16/25 15:25	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	18.6		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	90.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.24	2.00	ug/L
95-47-6	o-Xylene	18.8		0.12	1.00	ug/L
100-42-5	Styrene	18.8		0.15	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	16.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.1		74 - 125	88%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	45.0		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	212000	8.206			
540-36-3	1,4-Difluorobenzene	417000	9.082			
3114-55-4	Chlorobenzene-d5	385000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	210000	13.77			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBS01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087850.D	1	09/16/25 15:25	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBSD01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087851.D	1	09/16/25 15:46	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.0		0.22	1.00	ug/L
74-87-3	Chloromethane	18.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.26	1.00	ug/L
74-83-9	Bromomethane	19.5		1.40	5.00	ug/L
75-00-3	Chloroethane	16.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	92.9		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.6		0.23	1.00	ug/L
67-64-1	Acetone	71.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	5.00	ug/L
78-93-3	2-Butanone	84.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.4		0.22	1.00	ug/L
67-66-3	Chloroform	18.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.1		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBSD01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087851.D	1	09/16/25 15:46	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	18.7		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	89.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.2		0.24	2.00	ug/L
95-47-6	o-Xylene	19.5		0.12	1.00	ug/L
100-42-5	Styrene	19.0		0.15	1.00	ug/L
75-25-2	Bromoform	21.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.5		74 - 125	87%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	45.6		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	229000	8.206			
540-36-3	1,4-Difluorobenzene	434000	9.083			
3114-55-4	Chlorobenzene-d5	393000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	210000	13.771			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBSD01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087851.D	1	09/16/25 15:46	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

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

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3108

Instrument ID: MSVOA_N | Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Calibration Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
Tert butyl alcohol		0.170	0.187	0.184	0.174	0.174	0.178	4
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5

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

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3108

Instrument ID: MSVOA_N | Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Calibration Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5
t-1,3-Dichloropropene	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.1
cis-1,3-Dichloropropene	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.3
1,1,2-Trichloroethane	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.7
2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.8
Dibromochloromethane	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.8
1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.4
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9
Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.9
Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4
m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.3
o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.3
Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	11
Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.3
Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.3
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
1,3-Dichlorobenzene	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.3
1,4-Dichlorobenzene	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.2
1,2-Dichlorobenzene	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.7
1,2-Dibromo-3-Chloropropane	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.2
1,2,4-Trichlorobenzene	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.4
1,2,3-Trichlorobenzene	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.7
1,2-Dichloroethane-d4		1.025	1.016	0.959	1.035	1.089	1.024	4.5
Dibromofluoromethane		0.369	0.344	0.334	0.373	0.386	0.361	6
Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.7
4-Bromofluorobenzene		0.446	0.454	0.450	0.514	0.540	0.481	9

* 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.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3108
Instrument ID: MSVOA_N
Calibration Date/Time: 09/16/2025 13:55
Lab File ID: VN087847.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.736		3.66	20
Chloromethane	0.730	0.729	0.1	-0.14	20
Vinyl Chloride	0.846	0.823		-2.72	20
Bromomethane	0.437	0.498		13.96	20
Chloroethane	0.595	0.553		-7.06	20
Trichlorofluoromethane	1.240	1.264		1.93	20
1,1,2-Trichlorotrifluoroethane	0.701	0.697		-0.57	20
Tert butyl alcohol	0.178	0.175		-1.68	20
1,1-Dichloroethene	0.721	0.682		-5.41	20
Acetone	0.558	0.489		-12.37	20
Carbon Disulfide	1.985	1.984		-0.05	20
Methyl tert-butyl Ether	2.704	2.774		2.59	20
Methyl Acetate	1.168	1.247		6.76	20
Methylene Chloride	0.948	0.841		-11.29	20
trans-1,2-Dichloroethene	0.781	0.753		-3.59	20
1,1-Dichloroethane	1.546	1.477	0.1	-4.46	20
Cyclohexane	1.289	1.230		-4.58	20
2-Butanone	0.734	0.712		-3	20
Carbon Tetrachloride	0.547	0.611		11.7	20
cis-1,2-Dichloroethene	0.934	0.931		-0.32	20
Bromochloromethane	0.747	1.029		37.75	20
Chloroform	1.578	1.590		0.76	20
1,1,1-Trichloroethane	1.337	1.305		-2.39	20
Methylcyclohexane	0.610	0.672		10.16	20
Benzene	1.699	1.798		5.83	20
1,2-Dichloroethane	0.653	0.690		5.67	20
Trichloroethene	0.388	0.426		9.79	20
1,2-Dichloropropane	0.448	0.470		4.91	20
Bromodichloromethane	0.653	0.728		11.48	20
4-Methyl-2-Pentanone	0.713	0.781		9.54	20
Toluene	1.053	1.143		8.55	20
t-1,3-Dichloropropene	0.676	0.768		13.61	20
cis-1,3-Dichloropropene	0.702	0.788		12.25	20
1,1,2-Trichloroethane	0.407	0.467		14.74	20
2-Hexanone	0.451	0.533		18.18	20
Dibromochloromethane	0.472	0.542		14.83	20
1,2-Dibromoethane	0.430	0.497		15.58	20
Tetrachloroethene	0.347	0.372		7.2	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3108

Instrument ID: MSVOA_N | Calibration Date/Time: 09/16/2025 13:55

Lab File ID: VN087847.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:09 14:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.244	1.326	0.3	6.59	20
Ethyl Benzene	2.154	2.347		8.96	20
m/p-Xylenes	0.790	0.894		13.16	20
o-Xylene	0.774	0.861		11.24	20
Styrene	1.297	1.504		15.96	20
Bromoform	0.317	0.404	0.1	27.44	20
Isopropylbenzene	4.040	4.015		-0.62	20
1,1,2,2-Tetrachloroethane	1.391	1.401	0.3	0.72	20
1,3-Dichlorobenzene	1.876	1.967		4.85	20
1,4-Dichlorobenzene	1.952	2.018		3.38	20
1,2-Dichlorobenzene	1.780	1.885		5.9	20
1,2-Dibromo-3-Chloropropane	0.330	0.328		-0.61	20
1,2,4-Trichlorobenzene	1.069	1.207		12.91	20
1,2,3-Trichlorobenzene	1.045	1.157		10.72	20
1,2-Dichloroethane-d4	1.024	1.103		7.72	20
Dibromofluoromethane	0.361	0.457		26.59	20
Toluene-d8	1.351	1.598		18.28	20
4-Bromofluorobenzene	0.481	0.616		28.07	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_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 17 01:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	185269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	420719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	413257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	214606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	183121	48.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.480%			
35) Dibromofluoromethane	8.147	113	153469	50.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	10.547	98	555814	48.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	12.829	95	202863	50.174	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.340%			
Target Compounds						Qvalue
31) Cyclohexane	8.236	56	184130	38.565	ug/l #	96
39) Methylcyclohexane	9.582	83	103304	20.135	ug/l	98
40) Benzene	8.594	78	12906	0.903	ug/l #	81
52) Toluene	10.606	92	89671	10.120	ug/l	99
67) Ethyl Benzene	11.941	91	1205763	67.735	ug/l	100
68) m/p-Xylenes	12.047	106	726410	111.268	ug/l	96
69) o-Xylene	12.376	106	289309	45.220	ug/l	100
73) Isopropylbenzene	12.671	105	341010	19.664	ug/l	100
78) n-propylbenzene	13.012	91	1306539	61.166	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	599688	40.764	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	2248350	152.671	ug/l	99
85) sec-Butylbenzene	13.594	105	71233	3.916	ug/l #	69
86) p-Isopropyltoluene	13.706	119	20461	1.362	ug/l #	75
89) n-Butylbenzene	14.035	91	75518m	5.062	ug/l	

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

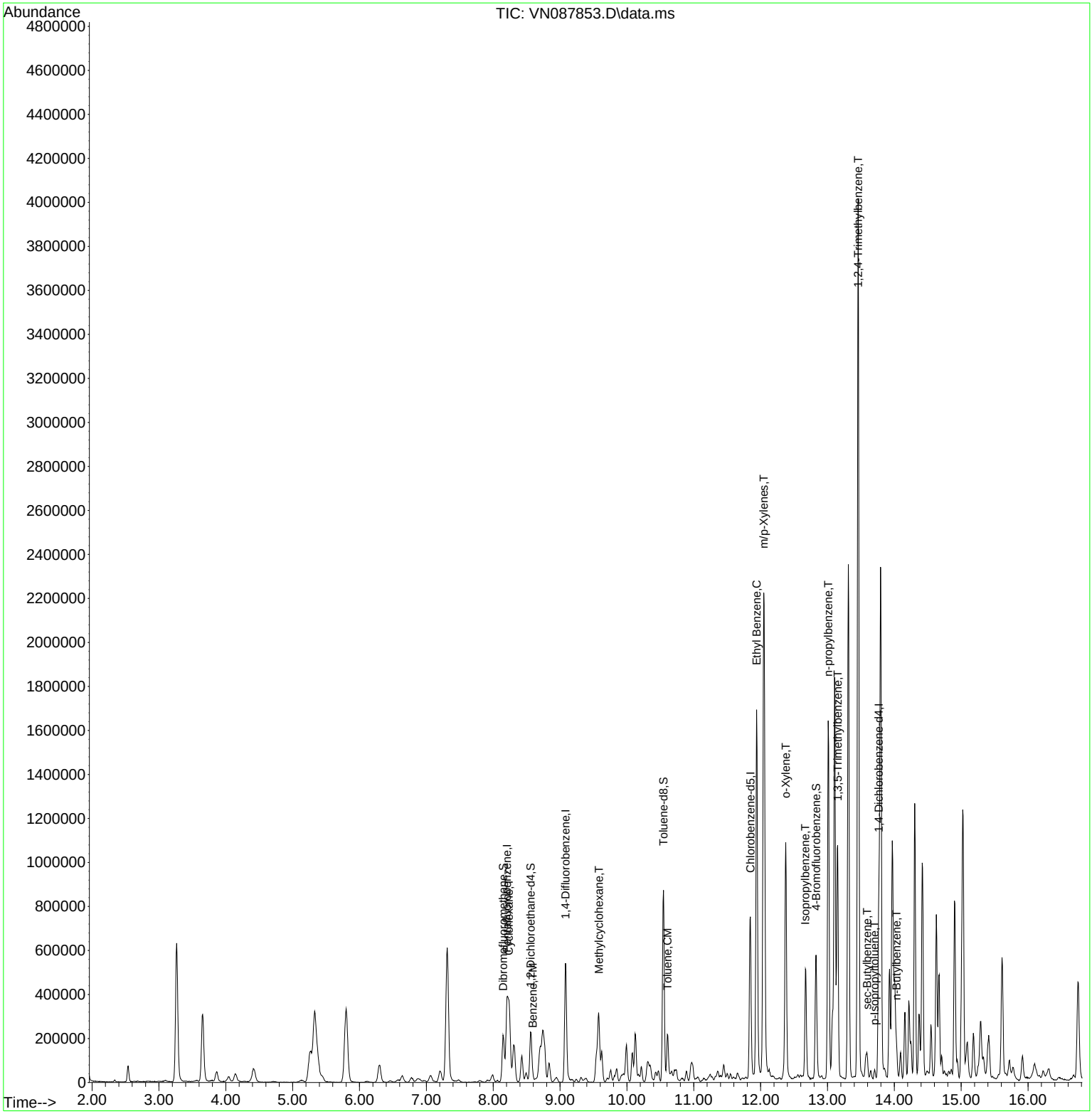
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

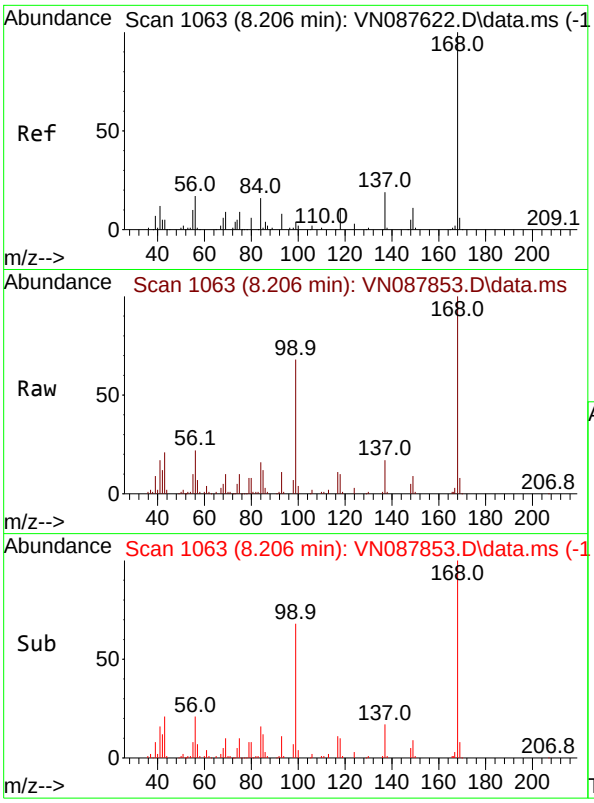
Quant Time: Sep 17 01:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

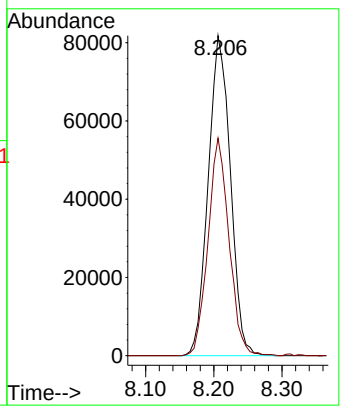
Tgt Ion:168 Resp: 18526

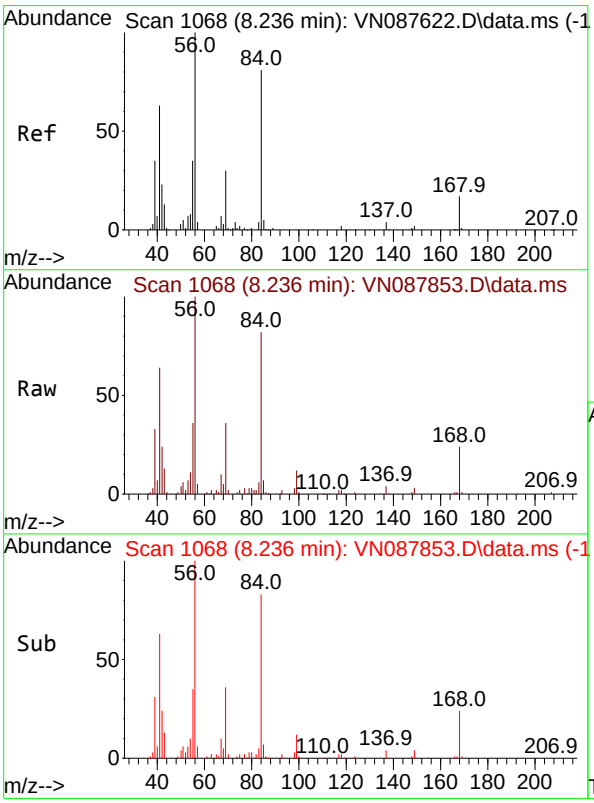
Ion	Ratio	Lower	Upper
168	100		
99	68.0	57.2	85.8

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

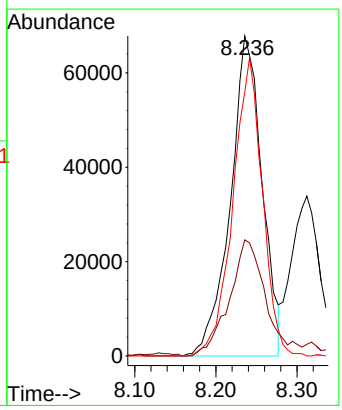


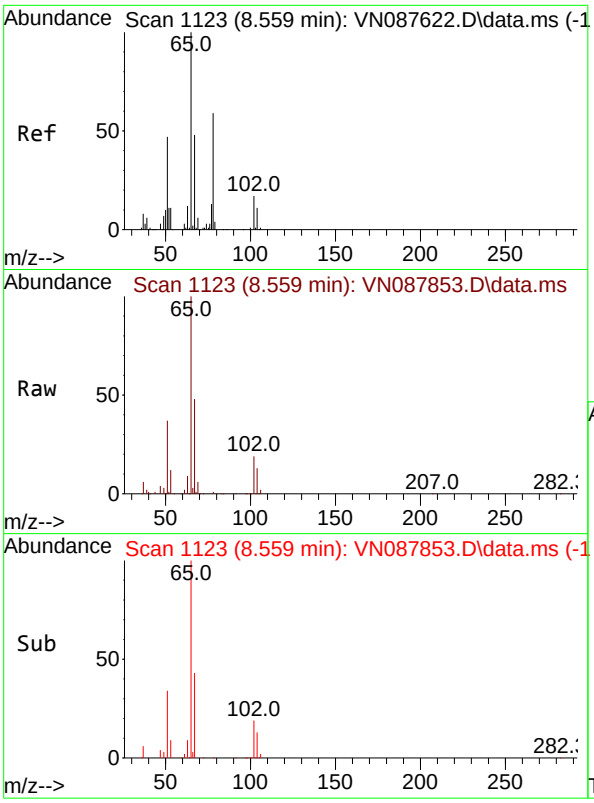


#31
Cyclohexane
Concen: 38.565 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 56 Resp: 184130

Ion	Ratio	Lower	Upper
56	100		
69	35.7	23.7	35.5#
84	82.4	64.7	97.1

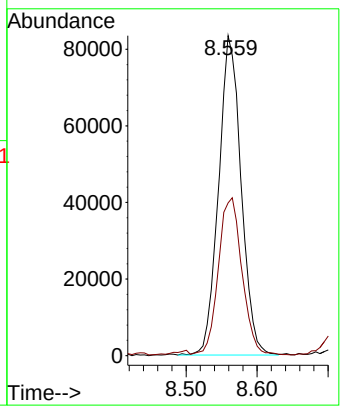




#33
1,2-Dichloroethane-d4
Concen: 48.241 ug/l
RT: 8.559 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 65 Resp: 18312

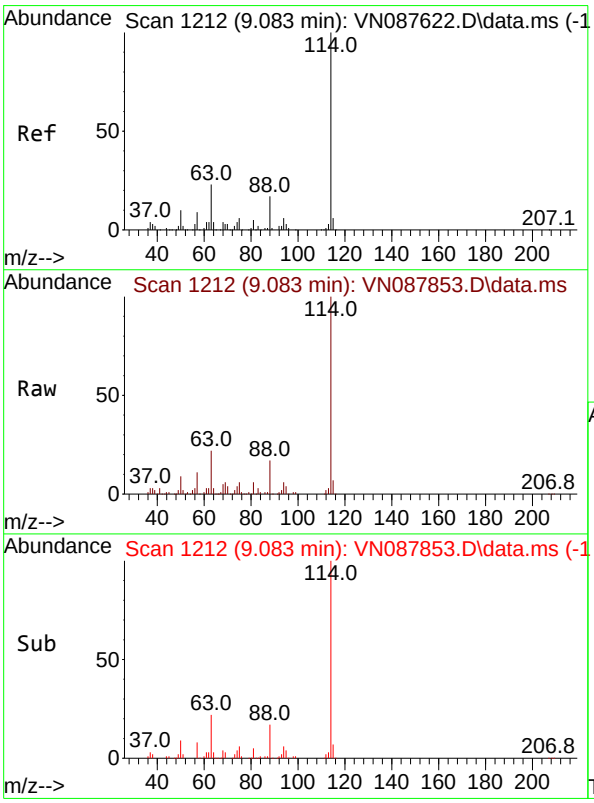
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.0



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

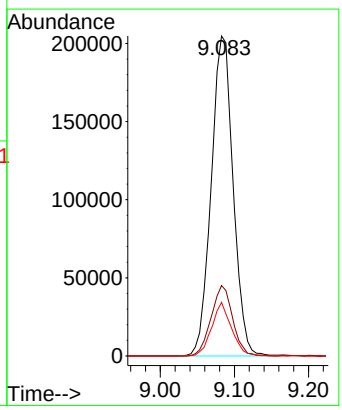
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

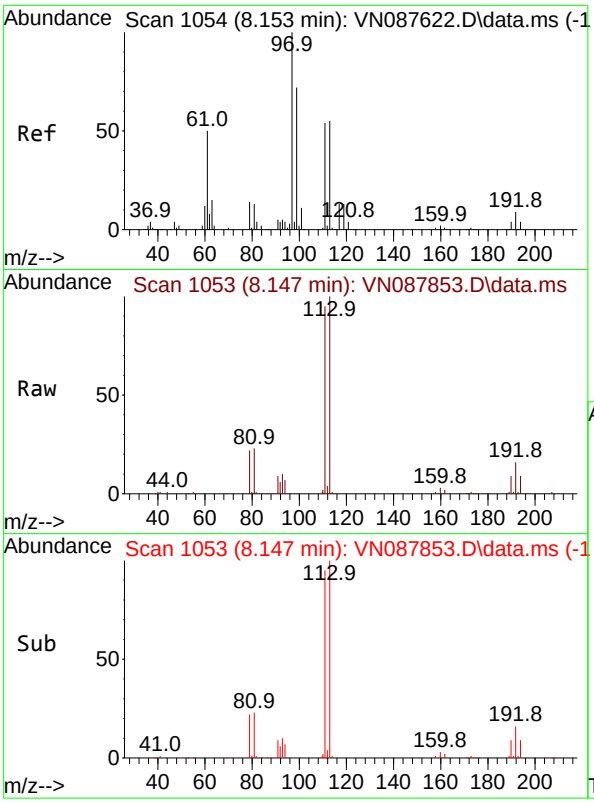


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:114 Resp: 420719

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.2
88	16.7	0.0	33.4

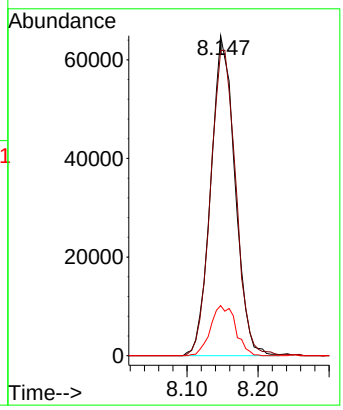




#35
Dibromofluoromethane
Concen: 50.523 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:113 Resp: 153469

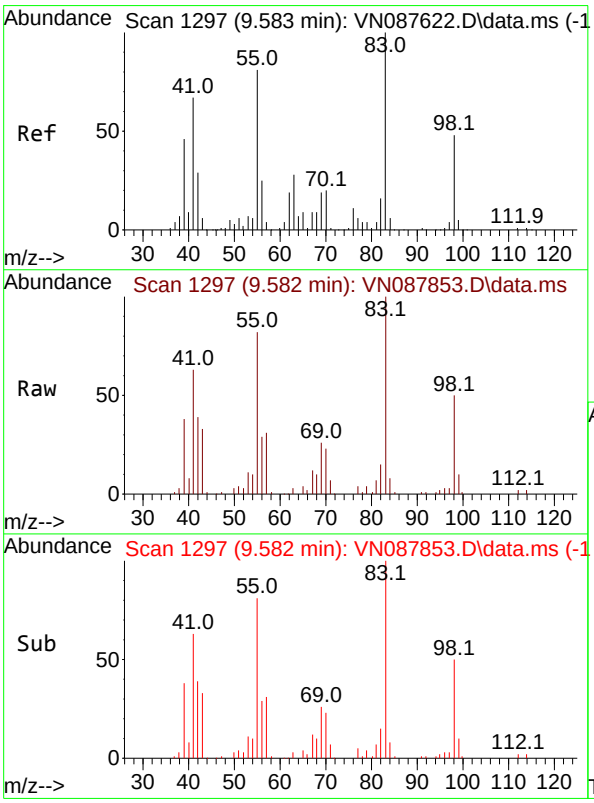
Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.8	124.2
192	16.3	12.8	19.2



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

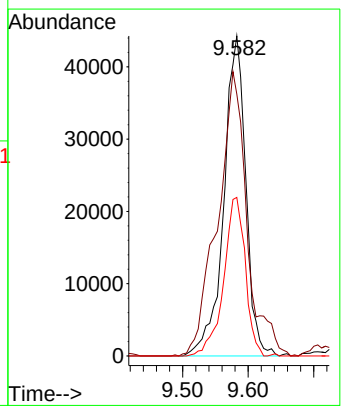
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

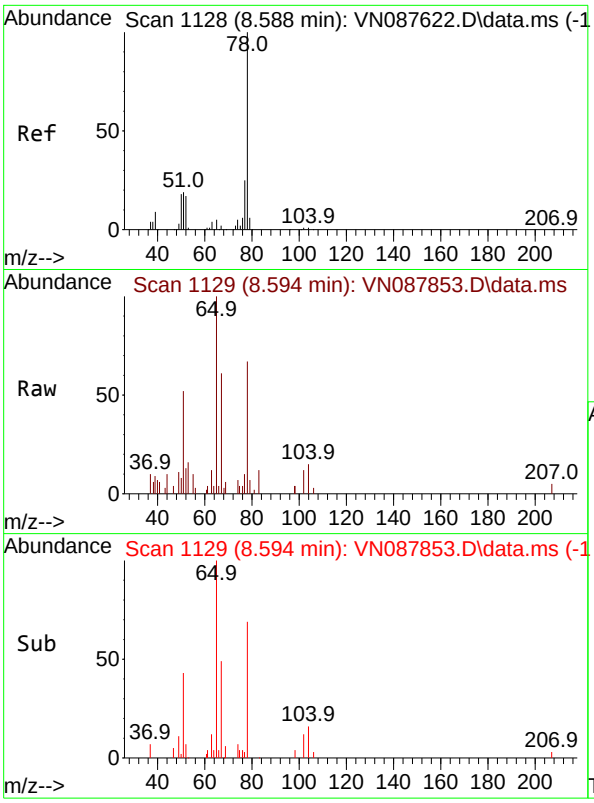


#39
Methylcyclohexane
Concen: 20.135 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 83 Resp: 103304

Ion	Ratio	Lower	Upper
83	100		
55	81.9	64.6	96.8
98	49.6	38.4	57.6





#40
Benzene
Concen: 0.903 ug/l
RT: 8.594 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

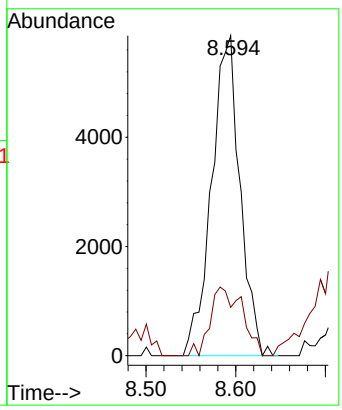
Tgt Ion: 78 Resp: 1290

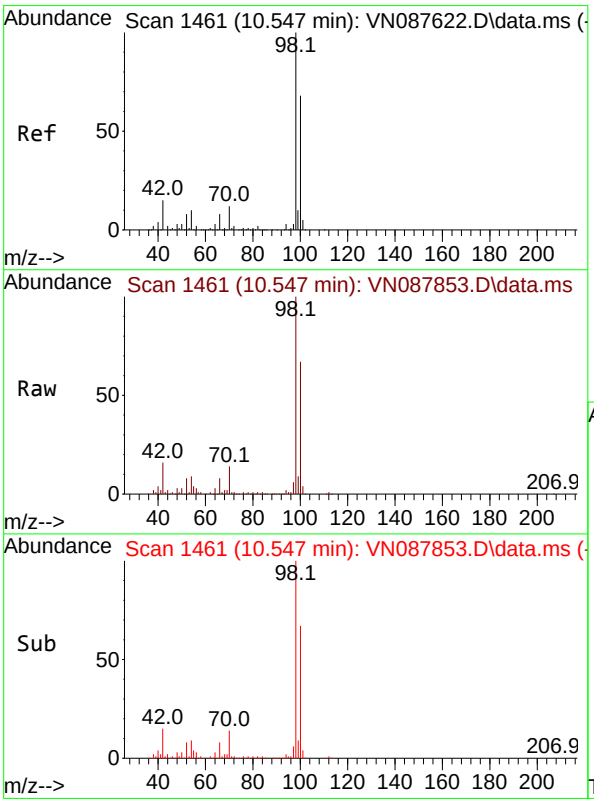
Ion	Ratio	Lower	Upper
78	100		
77	15.1	19.7	29.5

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

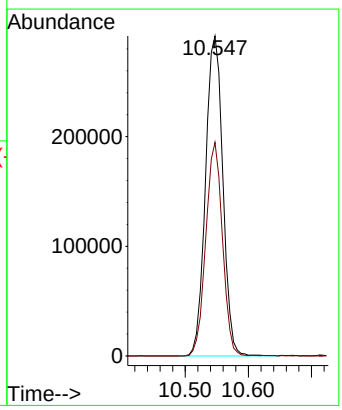


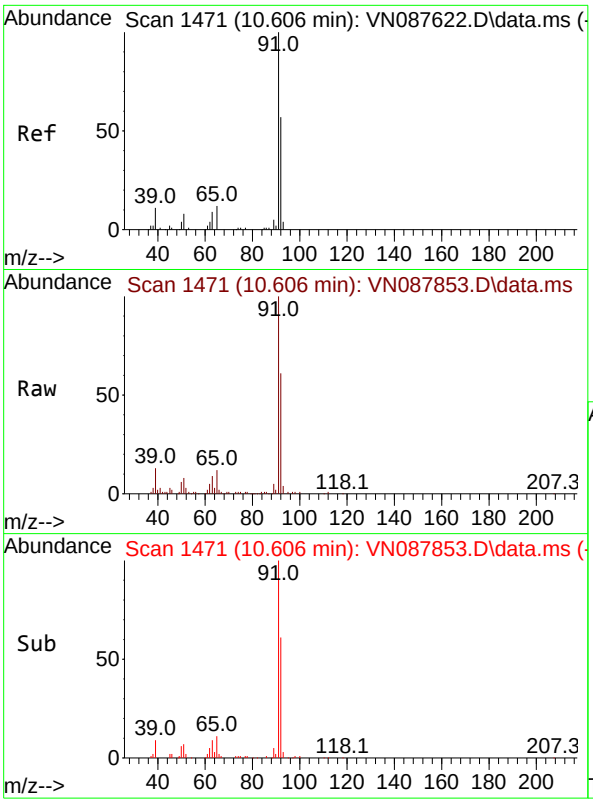


#50
Toluene-d8
Concen: 48.888 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 98 Resp: 555814

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.8	79.2





#52
Toluene
Concen: 10.120 ug/l
RT: 10.606 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

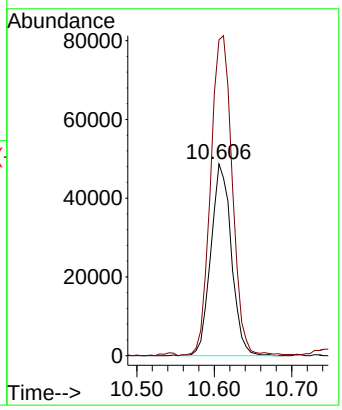
Tgt Ion: 92 Resp: 8967

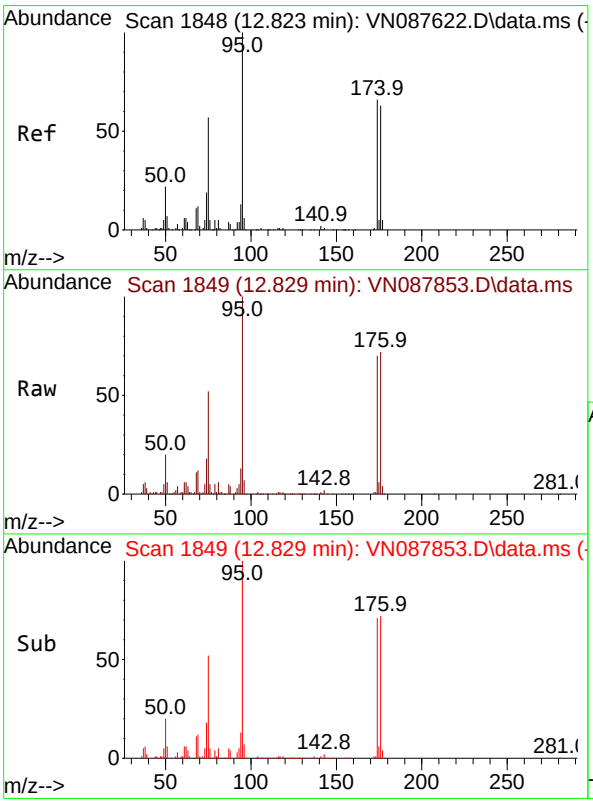
Ion	Ratio	Lower	Upper
92	100		
91	177.1	140.4	210.6

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

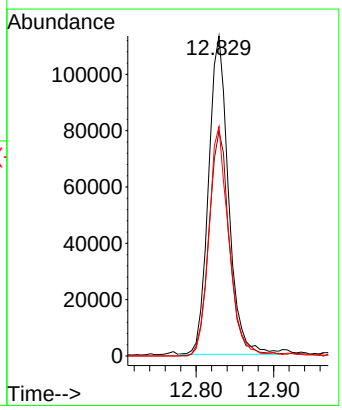




#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 95 Resp: 202863

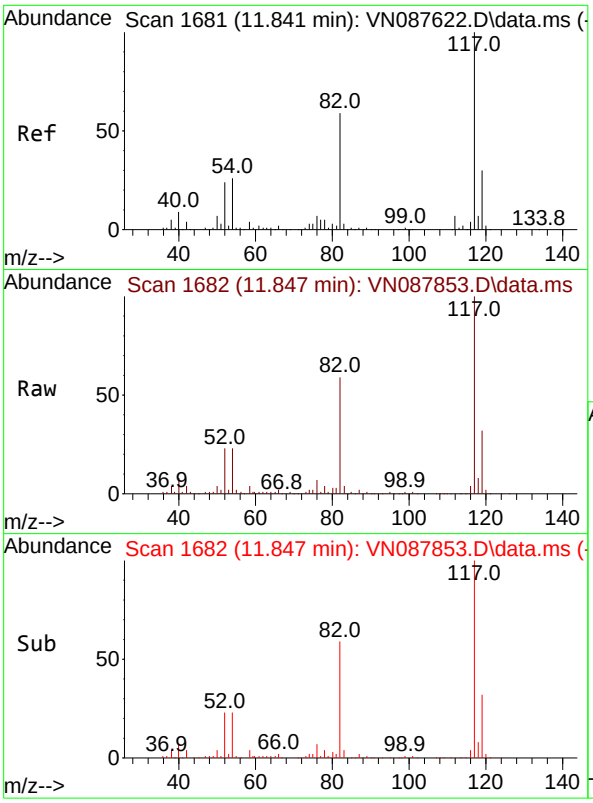
Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	138.4
176	71.3	0.0	132.6



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

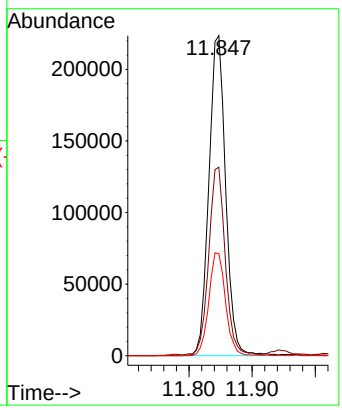
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

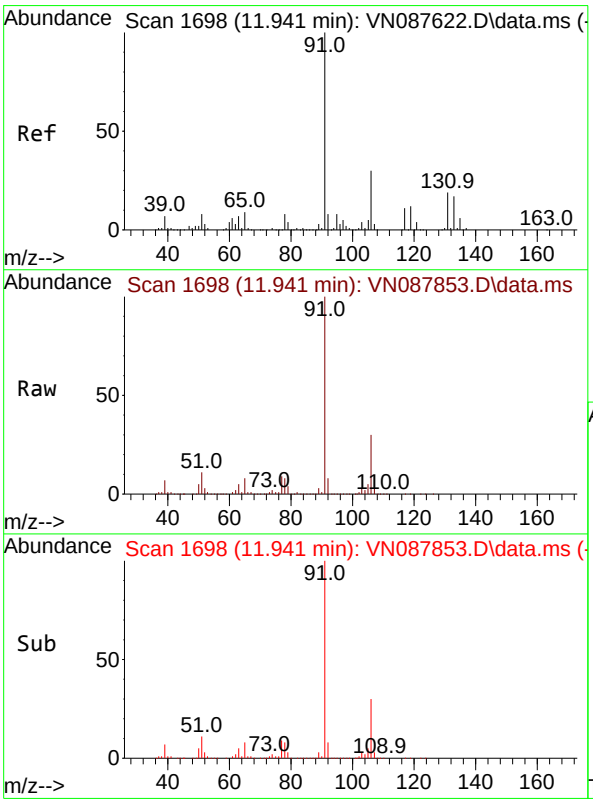


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:117 Resp: 41325

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	31.9	24.3	36.5

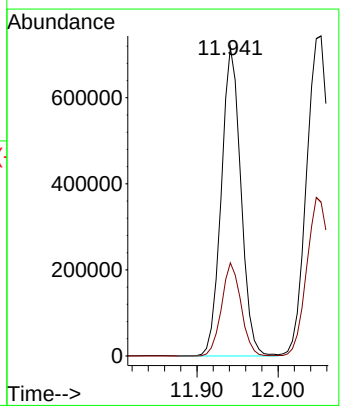


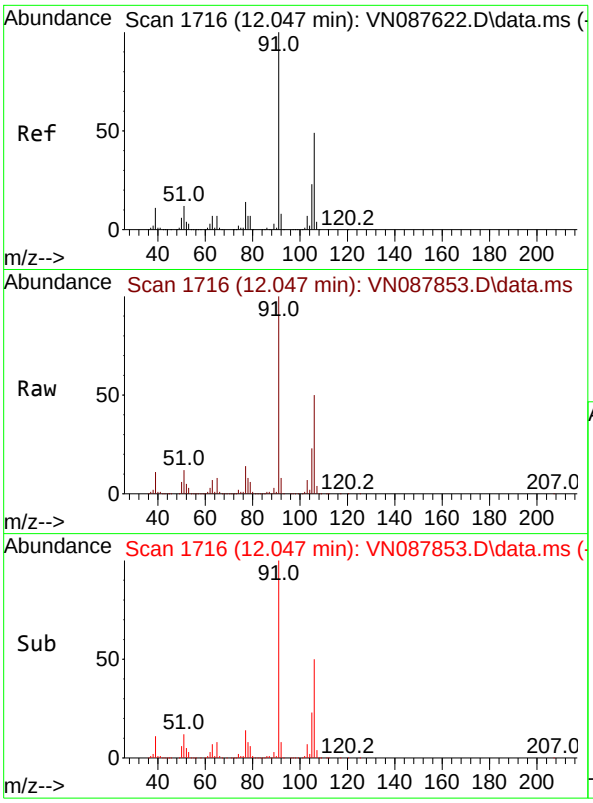


#67
Ethyl Benzene
Concen: 67.735 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 91 Resp: 1205763

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.1	36.1





#68
m/p-Xylenes
Concen: 111.268 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

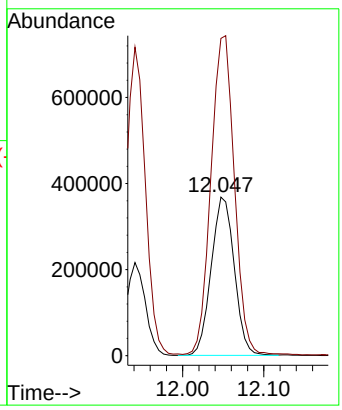
Tgt Ion:106 Resp: 72641

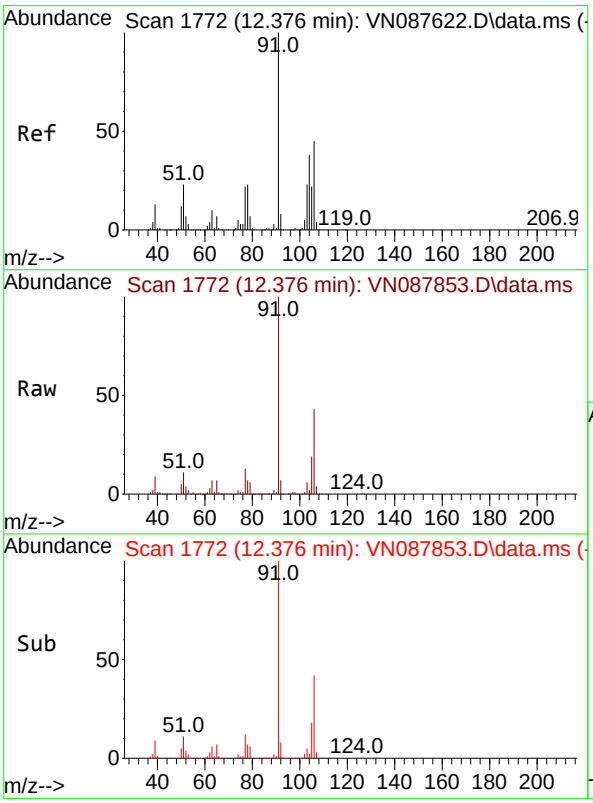
Ion	Ratio	Lower	Upper
106	100		
91	205.8	169.3	253.9

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

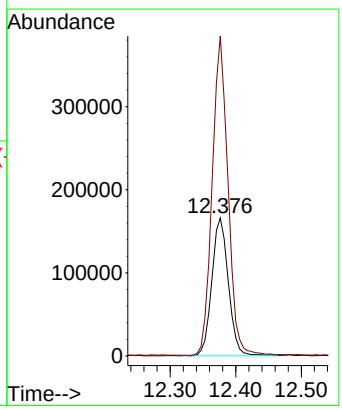


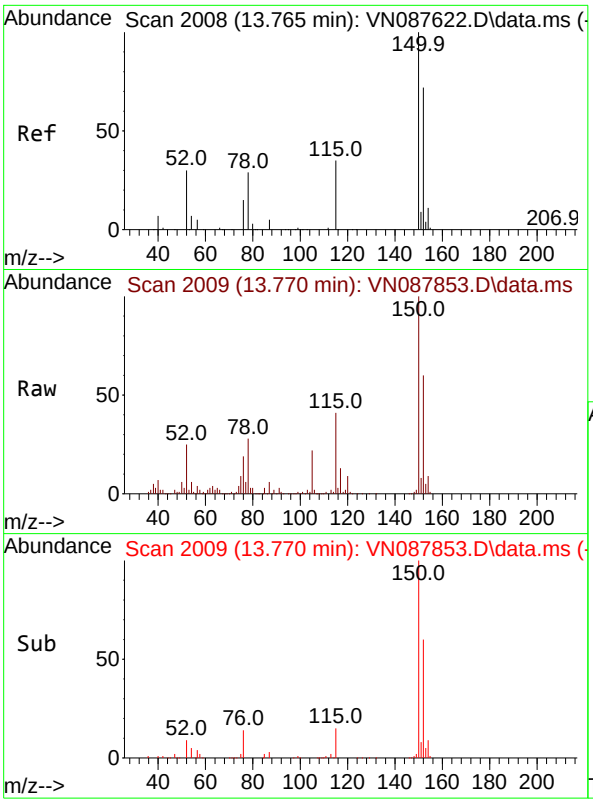


#69
o-Xylene
Concen: 45.220 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:106 Resp: 289309

Ion	Ratio	Lower	Upper
106	100		
91	222.4	111.4	334.2

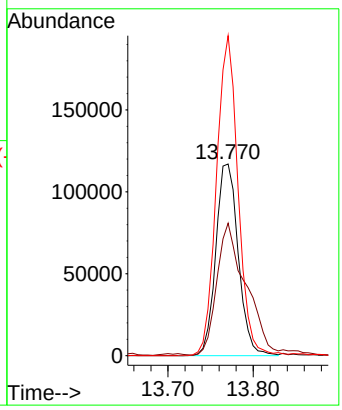




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:152 Resp: 21460

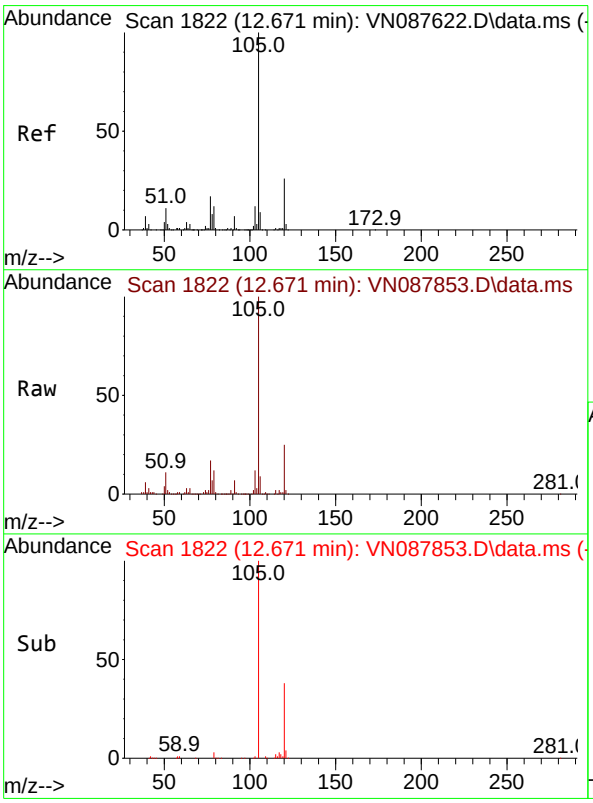
Ion	Ratio	Lower	Upper
152	100		
115	91.5	32.3	96.8
150	160.4	0.0	351.0



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

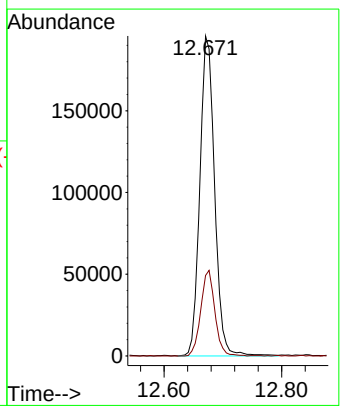
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

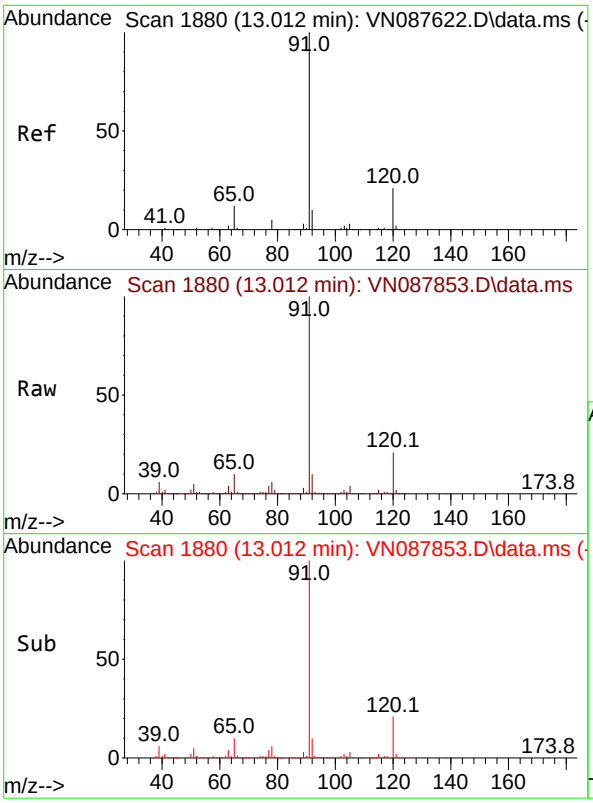


#73
Isopropylbenzene
Concen: 19.664 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 341010

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.3





#78
n-propylbenzene
Concen: 61.166 ug/l
RT: 13.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

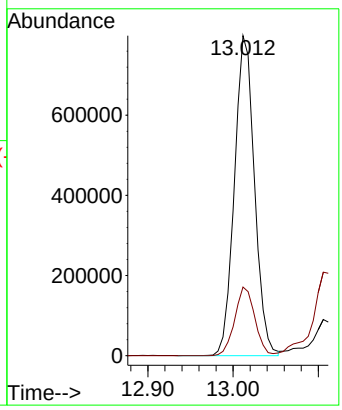
Tgt Ion: 91 Resp: 130653

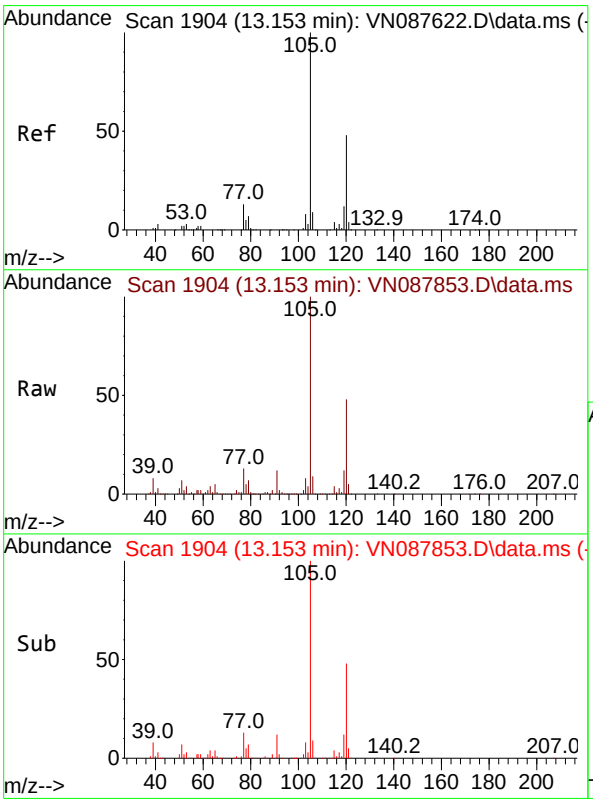
Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.7	32.1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

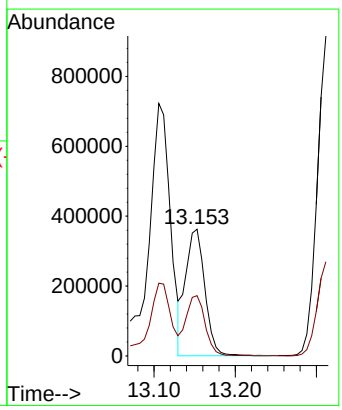


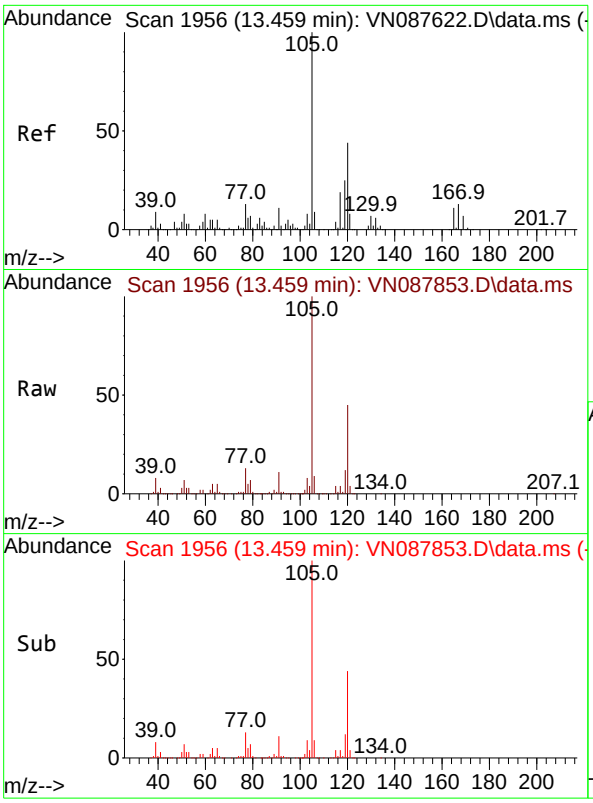


#80
1,3,5-Trimethylbenzene
Concen: 40.764 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 599688

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6

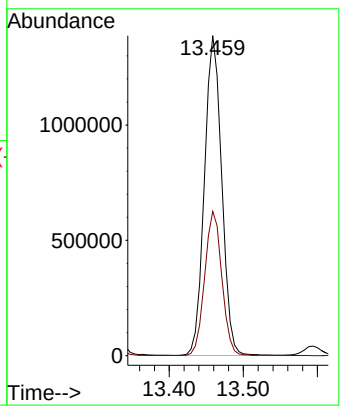




#84
1,2,4-Trimethylbenzene
Concen: 152.671 ug/l
RT: 13.459 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 224835

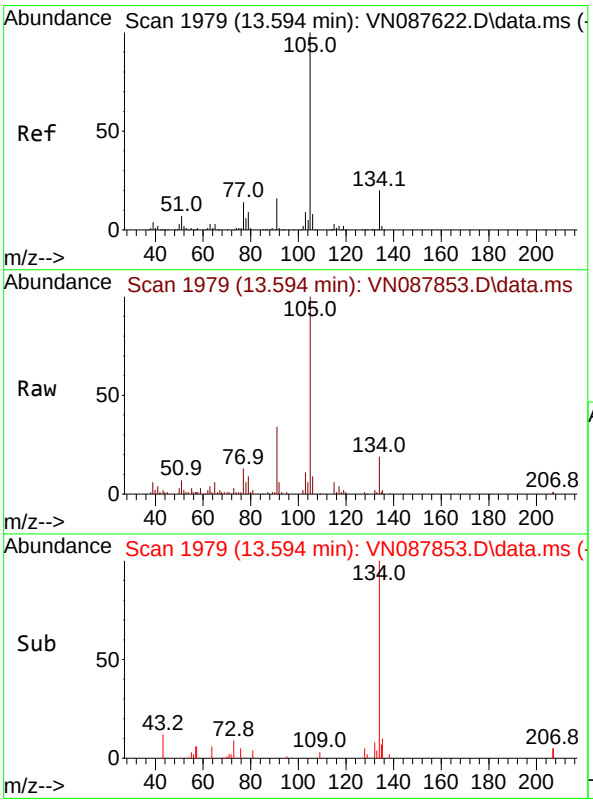
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.0	66.0



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

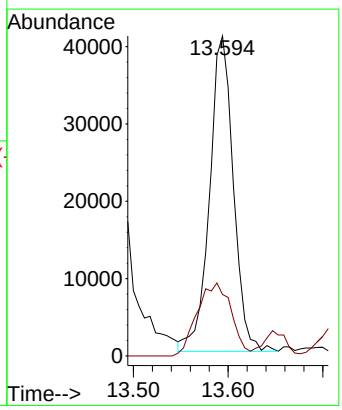
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

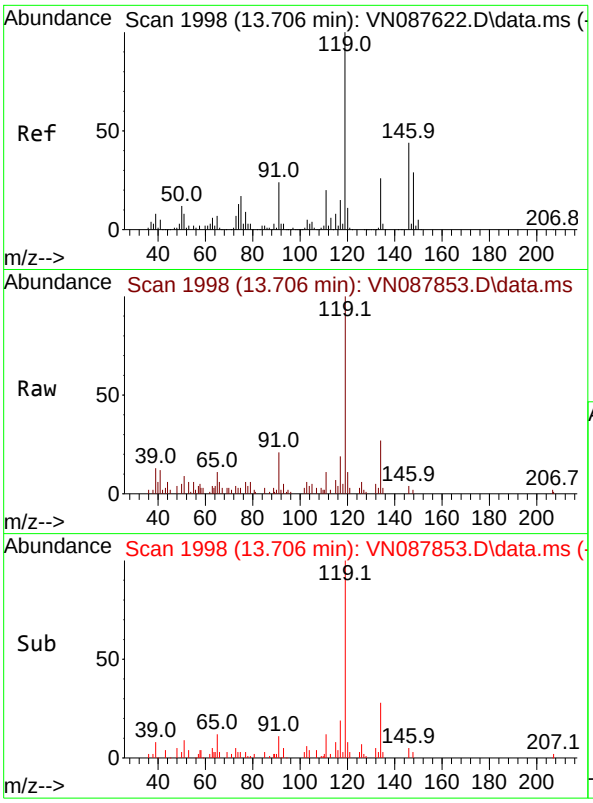


#85
sec-Butylbenzene
Concen: 3.916 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 71233

Ion	Ratio	Lower	Upper
105	100		
134	33.1	9.6	28.6#

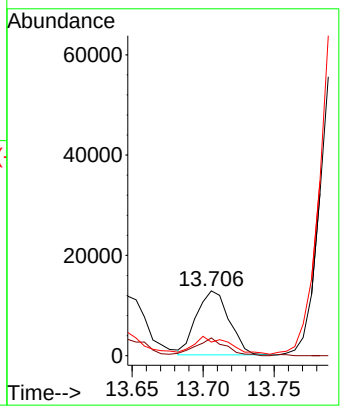




#86
p-Isopropyltoluene
Concen: 1.362 ug/l
RT: 13.706 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:119 Resp: 2046

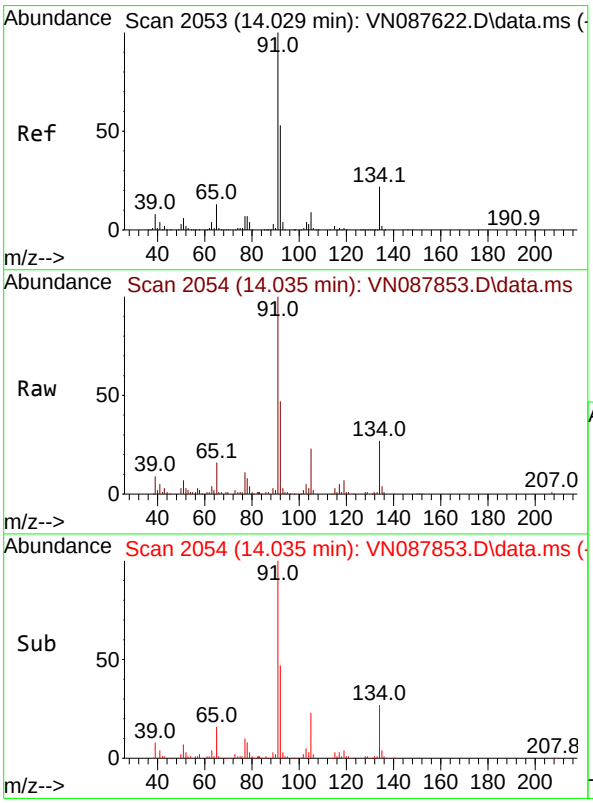
Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	0.0	12.5	37.5#



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

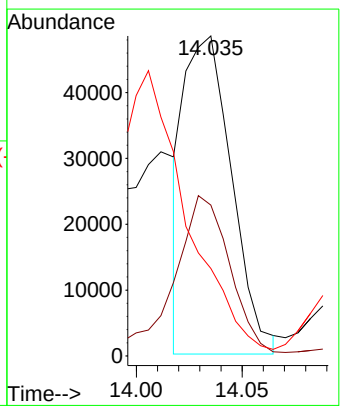
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#89
n-Butylbenzene
Concen: 5.062 ug/l m
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 91 Resp: 75518

Ion	Ratio	Lower	Upper
91	100		
92	55.5	25.9	77.8
134	0.0	11.7	35.0#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087853.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.542	93	100	106	rBV	71483	125749	1.96%	0.168%
2	3.265	212	223	241	rBV	629159	1530180	23.79%	2.043%
3	3.653	279	289	299	rBV2	303285	776866	12.08%	1.037%
4	3.865	317	325	336	rVB4	44690	118734	1.85%	0.158%
5	4.048	346	356	365	rBV2	21659	64372	1.00%	0.086%
6	4.142	365	372	385	rVB2	35518	105241	1.64%	0.140%
7	4.412	405	418	434	rVB4	61404	223033	3.47%	0.298%
8	5.265	550	563	566	rBV2	138561	437988	6.81%	0.585%
9	5.330	567	574	605	rVB4	321107	1480864	23.02%	1.977%
10	5.800	639	654	669	rBV2	333371	1145337	17.81%	1.529%
11	6.300	728	739	752	rVB5	77625	244074	3.79%	0.326%
12	6.642	791	797	806	rVB3	29428	78563	1.22%	0.105%
13	6.777	809	820	828	rBV5	21572	65180	1.01%	0.087%
14	7.059	859	868	876	rBV5	28500	85202	1.32%	0.114%
15	7.206	882	893	901	rBV4	49451	149855	2.33%	0.200%
16	7.312	901	911	930	rVB	606394	1738717	27.03%	2.321%
17	7.994	1019	1027	1033	rVB4	31643	78831	1.23%	0.105%
18	8.147	1043	1053	1058	rBV	212946	516725	8.03%	0.690%
19	8.212	1058	1064	1075	rVV3	388223	1594242	24.79%	2.128%
20	8.306	1075	1080	1092	rVB2	168205	447378	6.96%	0.597%
21	8.430	1092	1101	1107	rBV2	118494	268518	4.17%	0.358%
22	8.494	1107	1112	1116	rVV4	38647	79300	1.23%	0.106%
23	8.559	1116	1123	1133	rVV	223505	534240	8.31%	0.713%
24	8.706	1133	1148	1149	rVV6	158068	364678	5.67%	0.487%
25	8.741	1150	1154	1165	rVV2	230660	761172	11.83%	1.016%
26	8.835	1165	1170	1179	rVB2	84447	189994	2.95%	0.254%
27	8.947	1179	1189	1199	rVB5	21680	65355	1.02%	0.087%
28	9.083	1202	1212	1225	rBV	540875	1186738	18.45%	1.584%
29	9.577	1281	1296	1301	rBV4	315795	934266	14.53%	1.247%
30	9.624	1301	1304	1313	rVB	139261	243016	3.78%	0.324%
31	9.759	1321	1327	1332	rVB2	47812	86965	1.35%	0.116%
32	9.847	1332	1342	1348	rVB2	54381	135253	2.10%	0.181%
33	9.994	1361	1367	1375	rVB	165810	340648	5.30%	0.455%
34	10.082	1375	1382	1385	rBV2	129043	248428	3.86%	0.332%
35	10.124	1385	1389	1395	rVB	189491	352427	5.48%	0.470%
36	10.218	1401	1405	1412	rVB2	67645	116229	1.81%	0.155%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

37	10.312	1412	1421	1425	rBV5	90863	242656	3.77%	0.324%
38	10.430	1436	1441	1445	rBV3	35579	70114	1.09%	0.094%
39	10.471	1445	1448	1453	rVB3	46441	76810	1.19%	0.103%
40	10.547	1453	1461	1467	rBV	866917	1646289	25.59%	2.198%
41	10.606	1467	1471	1478	rVB	180077	322714	5.02%	0.431%
42	10.888	1514	1519	1525	rBV3	43776	79891	1.24%	0.107%
43	10.971	1525	1533	1541	rVV7	85193	262768	4.09%	0.351%
44	11.247	1570	1580	1583	rBV6	26252	64576	1.00%	0.086%
45	11.447	1609	1614	1619	rVB3	55763	94190	1.46%	0.126%
46	11.653	1645	1649	1657	rVB6	31365	68032	1.06%	0.091%
47	11.847	1674	1682	1690	rBV	735578	1365026	21.22%	1.822%
48	11.941	1691	1698	1708	rVV	1672766	2889548	44.92%	3.857%
49	12.047	1708	1716	1727	rVV	2200625	4511212	70.14%	6.022%
50	12.376	1761	1772	1786	rBV	1075396	1939372	30.15%	2.589%
51	12.671	1816	1822	1834	rVB	501657	891832	13.87%	1.190%
52	12.829	1841	1849	1860	rBV	561660	1026454	15.96%	1.370%
53	13.012	1873	1880	1886	rBV	1624299	2676631	41.61%	3.573%
54	13.106	1886	1896	1900	rVV	1817344	3406014	52.95%	4.547%
55	13.153	1900	1904	1911	rVB	1050889	1727838	26.86%	2.306%
56	13.312	1924	1931	1942	rBV	2337631	3890514	60.49%	5.193%
57	13.459	1949	1956	1970	rBV	3989424	6432087	100.00%	8.586%
58	13.588	1970	1978	1984	rVB3	112054	276311	4.30%	0.369%
59	13.706	1994	1998	2002	rBV3	42686	66680	1.04%	0.089%
60	13.794	2002	2013	2021	rBV2	2320136	5090137	79.14%	6.795%
61	13.929	2030	2036	2039	rBV	491667	828006	12.87%	1.105%
62	13.970	2039	2043	2047	rBV	856701	1387991	21.58%	1.853%
63	14.094	2059	2064	2069	rVB2	116335	190442	2.96%	0.254%
64	14.159	2069	2075	2080	rBV2	299932	503244	7.82%	0.672%
65	14.217	2080	2085	2089	rBV	332955	569002	8.85%	0.760%
66	14.306	2094	2100	2106	rVV	1241195	1957312	30.43%	2.613%
67	14.370	2106	2111	2114	rVV	282375	464268	7.22%	0.620%
68	14.417	2114	2119	2127	rVV2	967356	1710238	26.59%	2.283%
69	14.547	2136	2141	2147	rVB	233225	371883	5.78%	0.496%
70	14.629	2147	2155	2159	rBV	733558	1242580	19.32%	1.659%
71	14.670	2159	2162	2166	rVV	450958	662262	10.30%	0.884%
72	14.706	2166	2168	2172	rVB2	81990	100795	1.57%	0.135%
73	14.900	2196	2201	2207	rBV	787404	1325575	20.61%	1.769%
74	15.023	2213	2222	2228	rBV2	1218173	2619839	40.73%	3.497%
75	15.094	2228	2234	2243	rVB3	162014	377466	5.87%	0.504%
76	15.182	2243	2249	2256	rBV3	202169	378036	5.88%	0.505%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

77	15.294	2256	2268	2273	rBV3	248603	633801	9.85%	0.846%
78	15.412	2280	2288	2295	rVB2	190229	452268	7.03%	0.604%
79	15.612	2315	2322	2330	rBV	530783	1012391	15.74%	1.351%
80	15.723	2335	2341	2346	rVV3	77894	165599	2.57%	0.221%
81	15.770	2346	2349	2361	rVB5	55552	137457	2.14%	0.183%
82	15.917	2366	2374	2382	rBV	112037	253737	3.94%	0.339%
83	16.100	2391	2405	2414	rBV4	68363	239566	3.72%	0.320%
84	16.223	2421	2426	2432	rBV5	30825	68591	1.07%	0.092%
85	16.306	2433	2440	2453	rVB3	50877	169096	2.63%	0.226%
86	16.682	2492	2504	2508	rBV7	25010	70063	1.09%	0.094%
87	16.747	2508	2515	2522	rBV	433020	990843	15.40%	1.323%

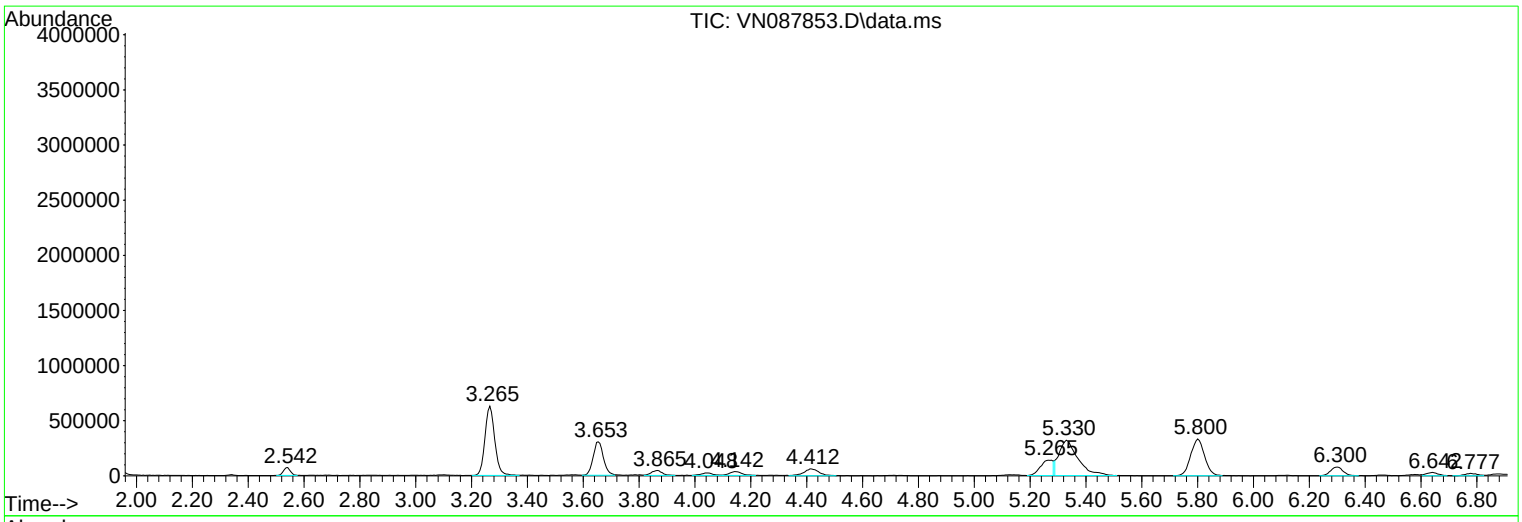
Sum of corrected areas: 74914405

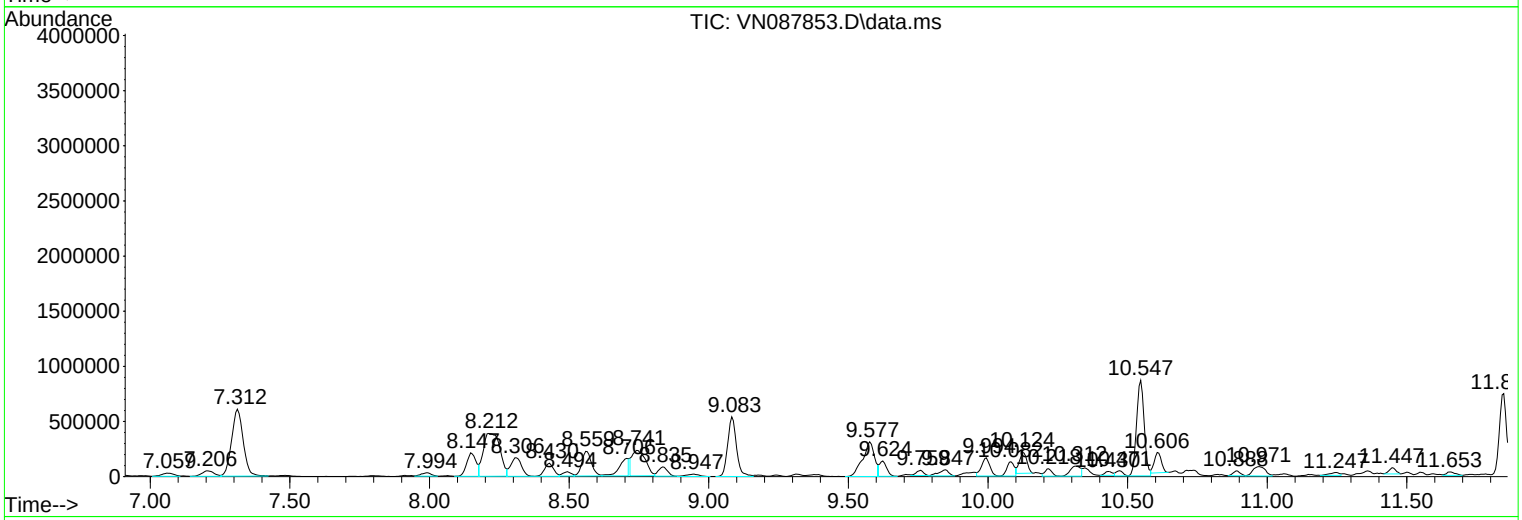
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

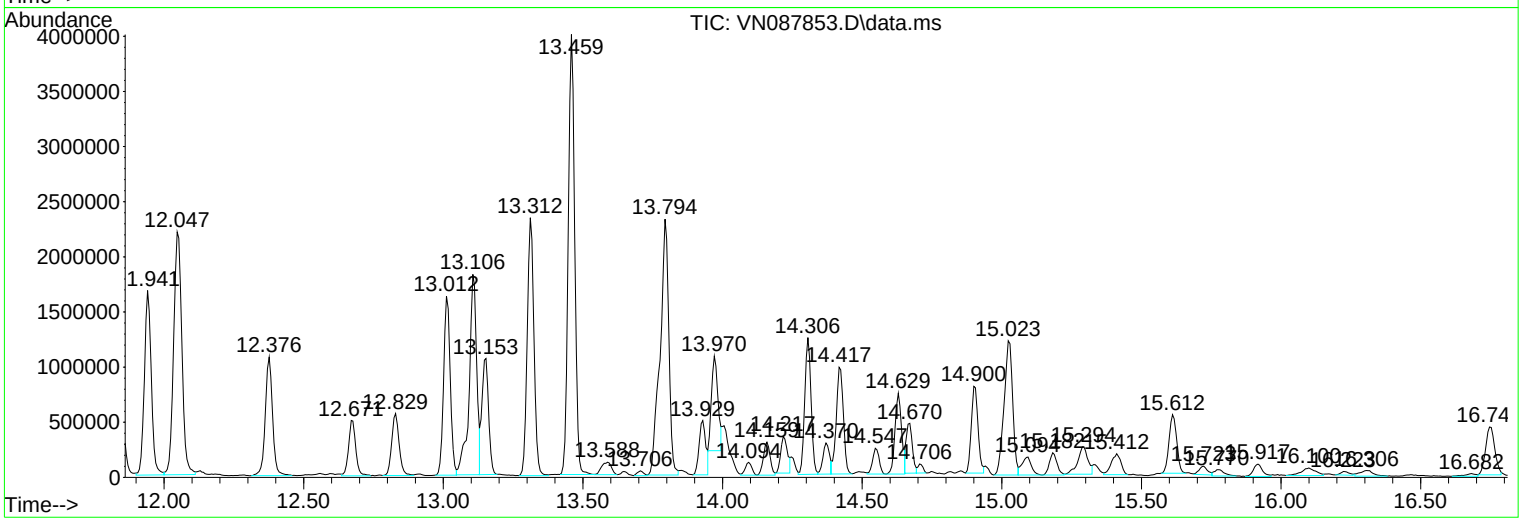
Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

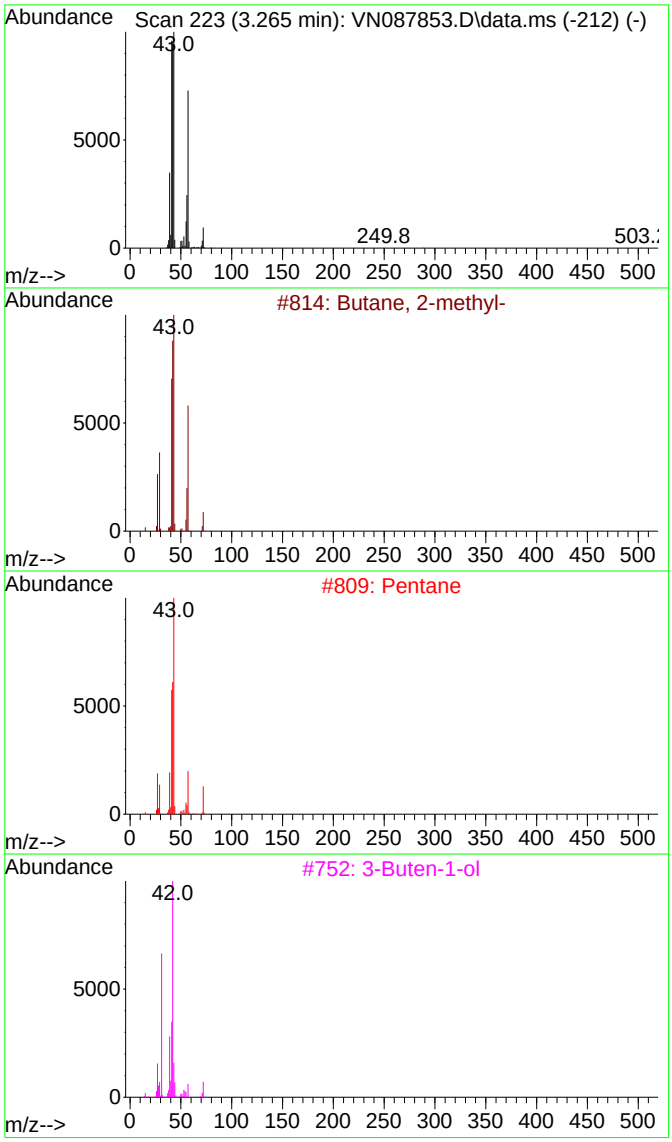
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

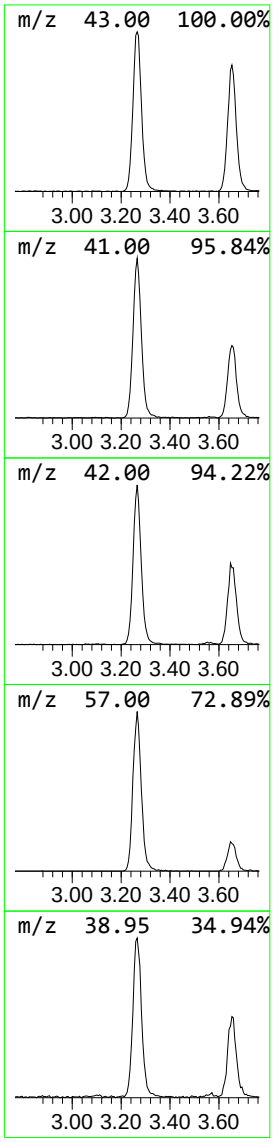
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.265	47.99 ug/l	1530180	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Pentane	72	C5H12	000109-66-0	42
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
4	Propane, 2-methyl-1-nitro-	103	C4H9NO2	000625-74-1	10
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

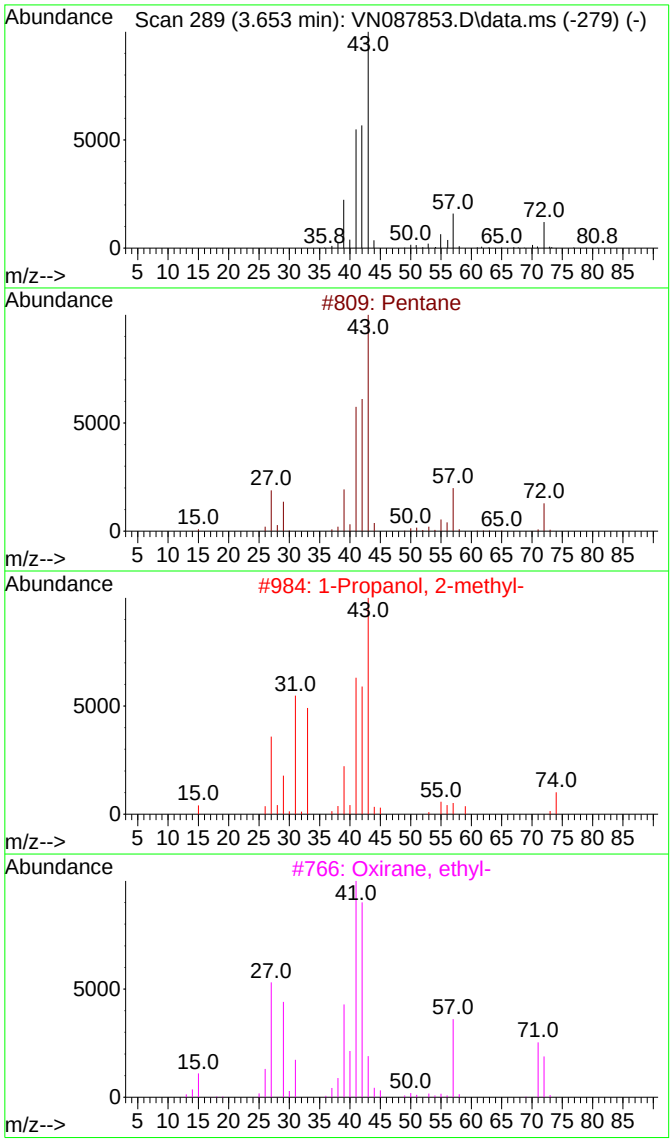
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

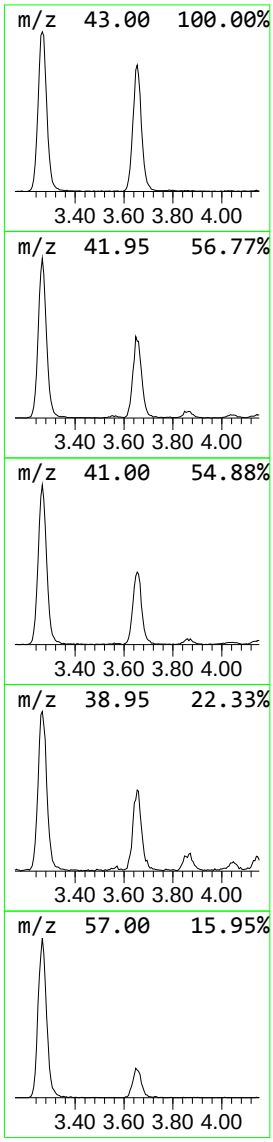
****

Peak Number 2 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.653	24.36 ug/l	776866	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	64
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	47
4	Butane, 2-methyl-	72	C5H12	000078-78-4	42
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

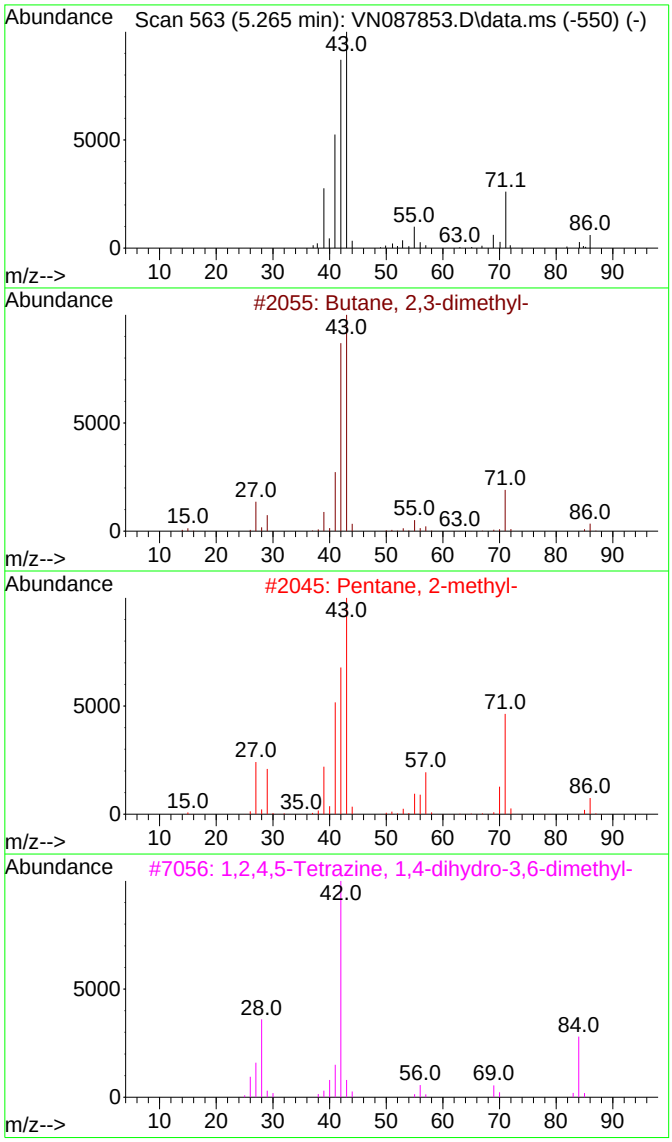
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

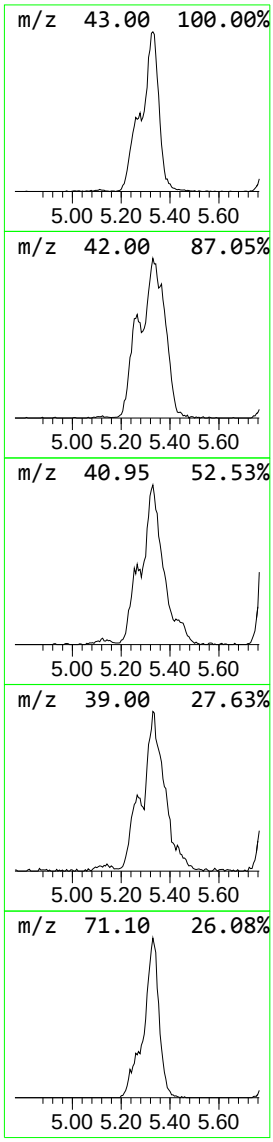
****

Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.265	13.74 ug/l	437988	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
3	1,2,4,5-Tetrazine, 1,4-dihydro-3...	112	C4H8N4	037454-64-1	28
4	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	22
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

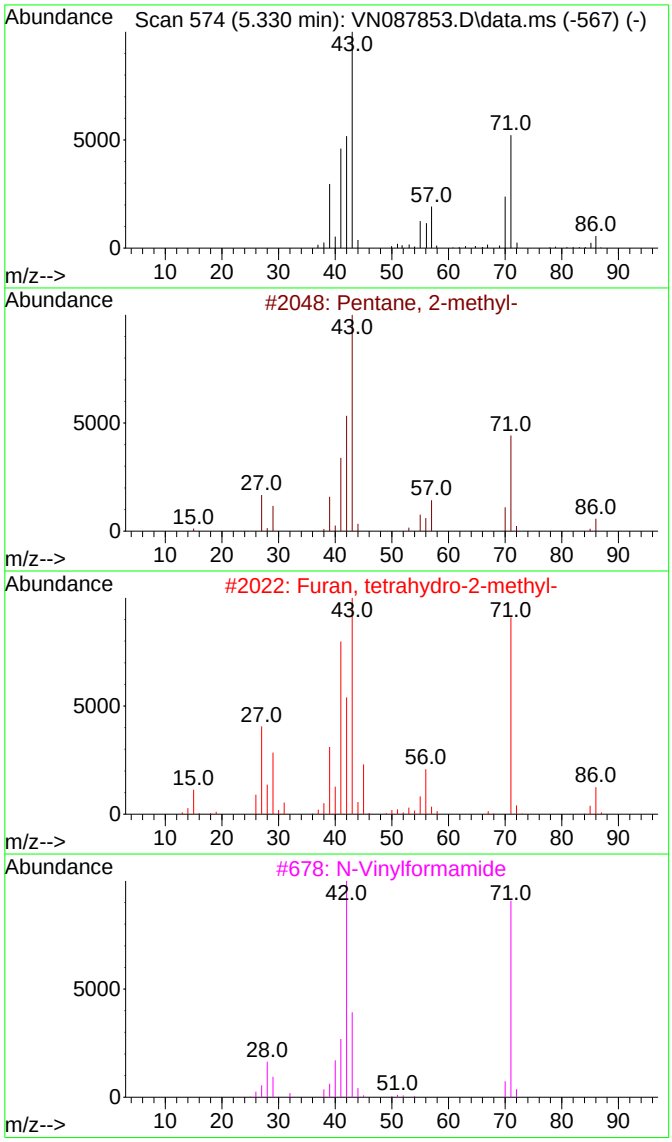
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

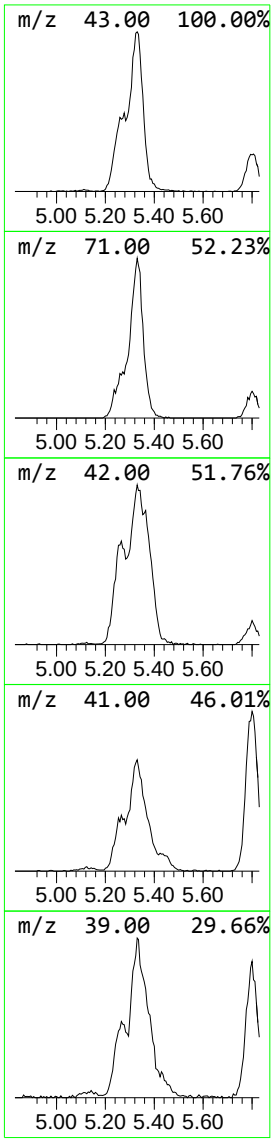
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.330	46.44 ug/l	1480860	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	52
3	N-Vinylformamide	71	C3H5NO	013162-05-5	50
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

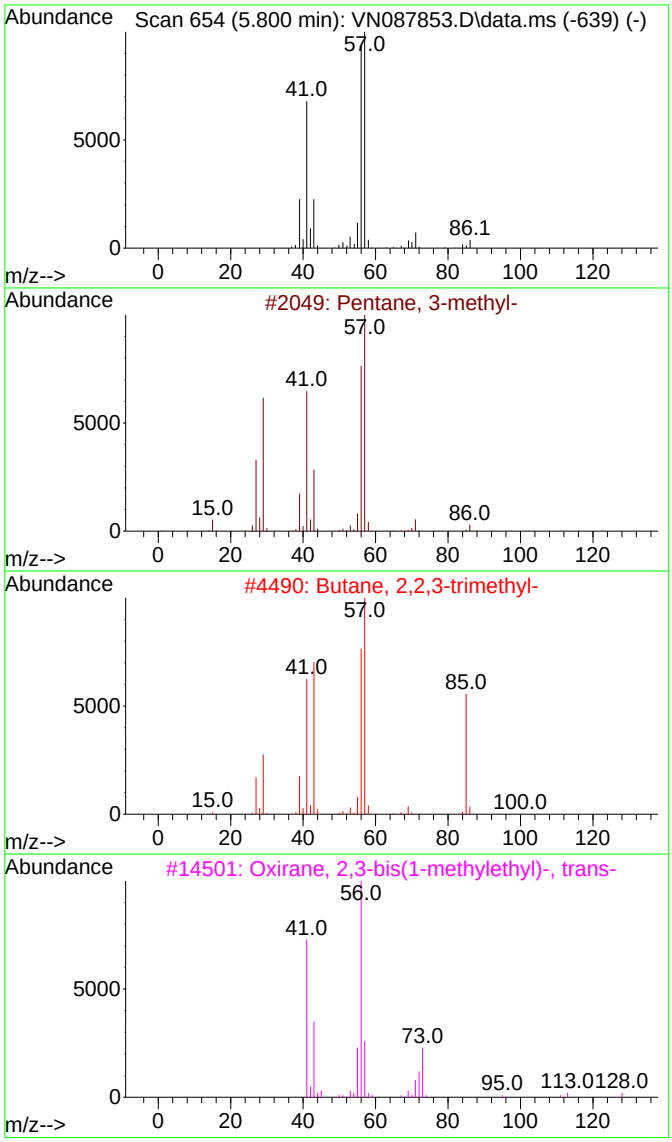
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

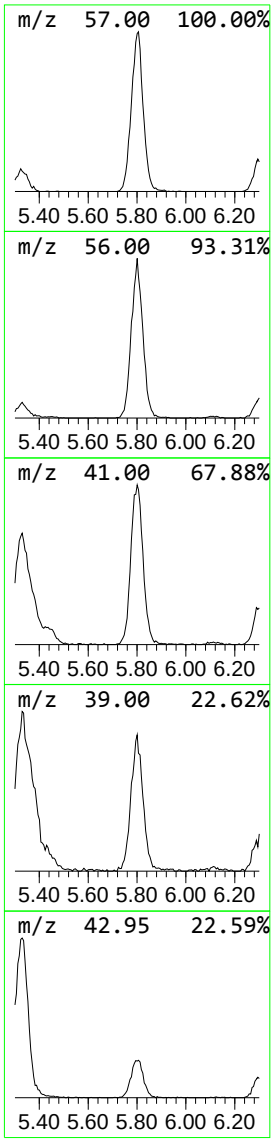
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.800	35.92 ug/l	1145340	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	50
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

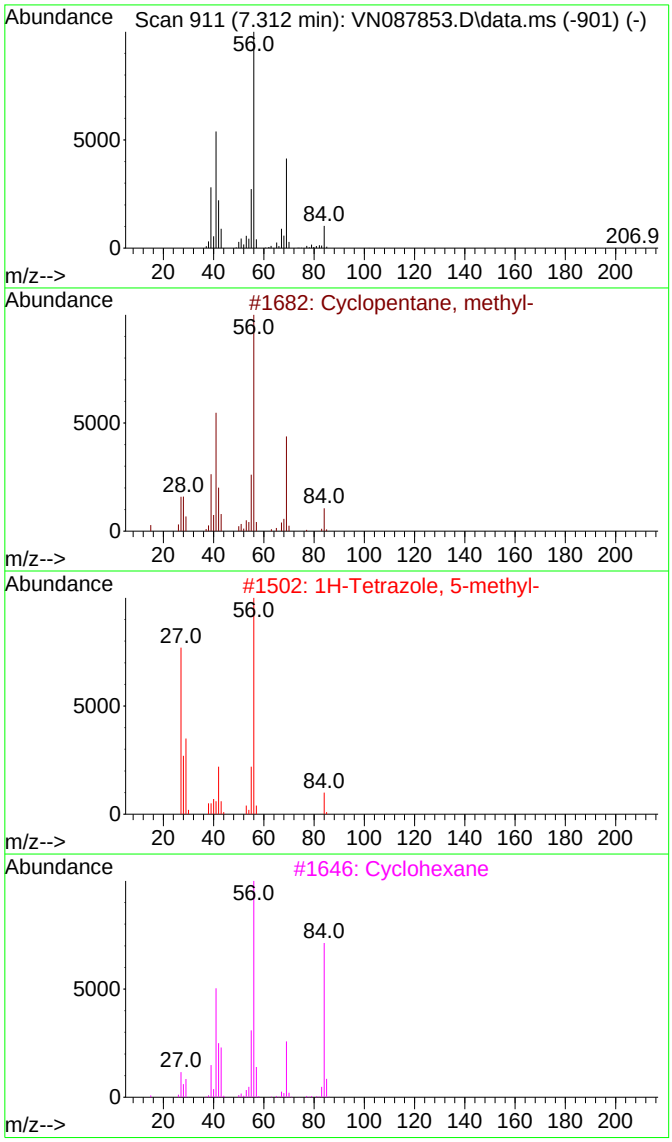
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

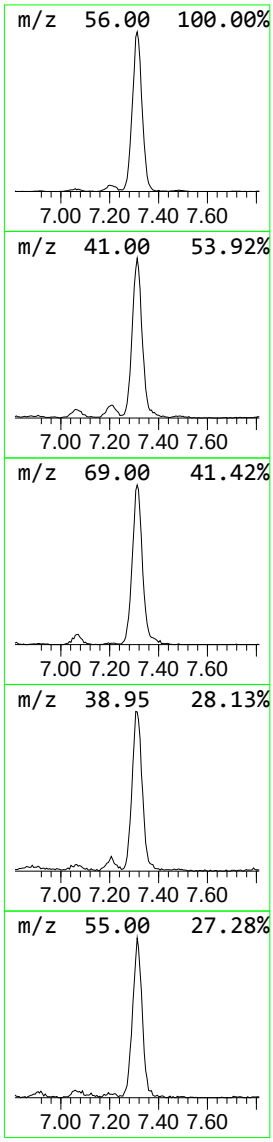
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	54.53 ug/l	1738720	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

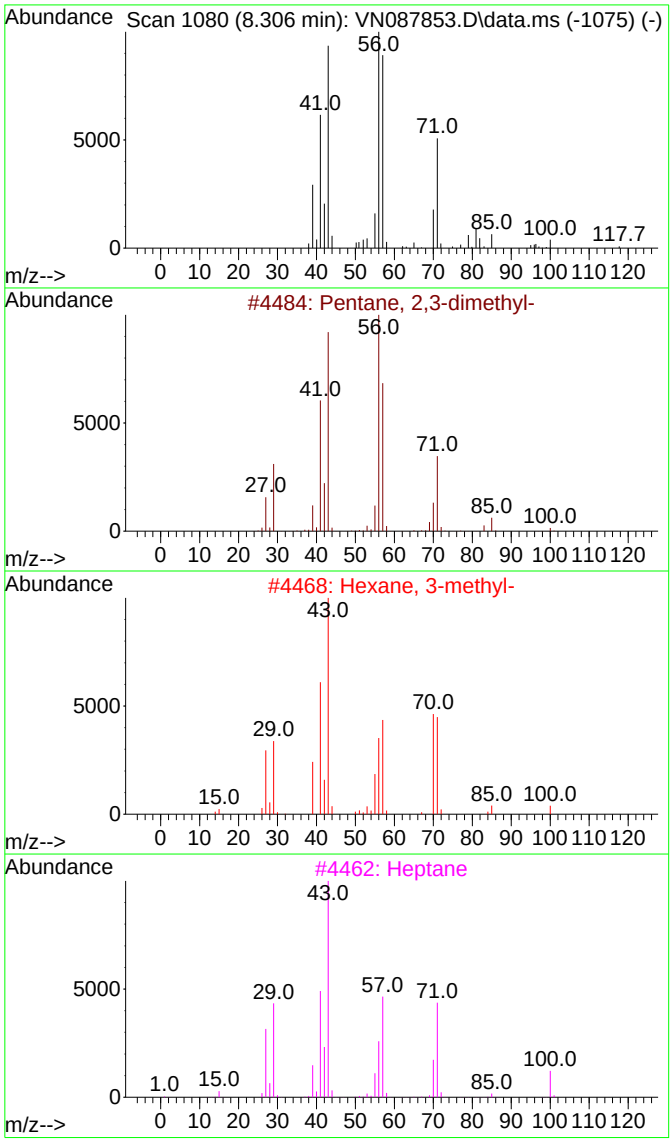
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

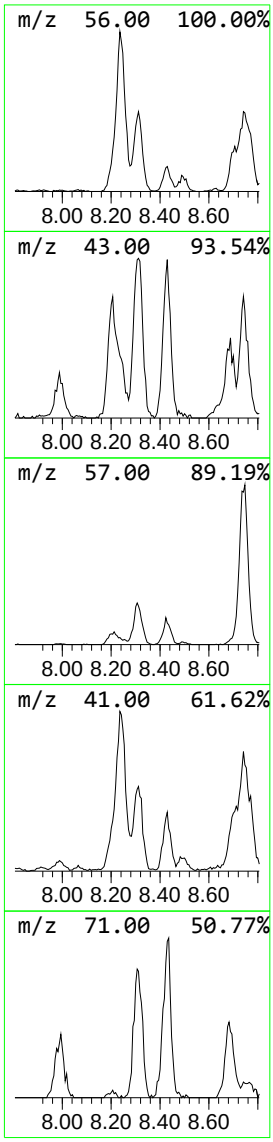
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.306	14.03 ug/l	447378	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	46
3	Heptane	100	C7H16	000142-82-5	43
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	43
5	Ethane, isocyanato-	71	C3H5NO	000109-90-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

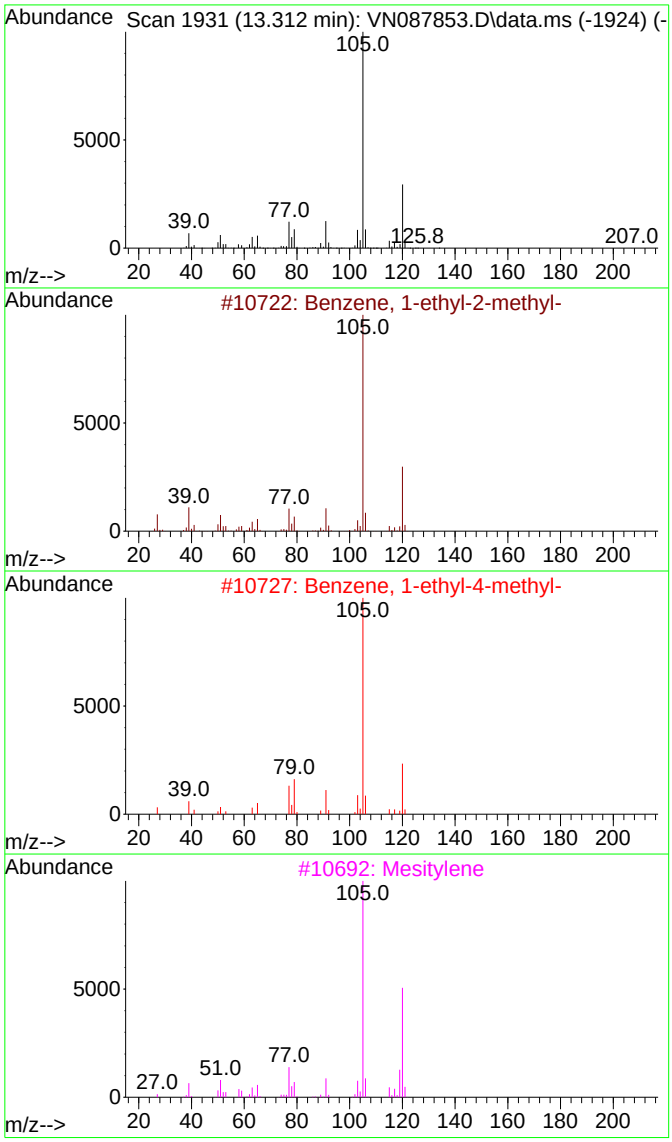
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

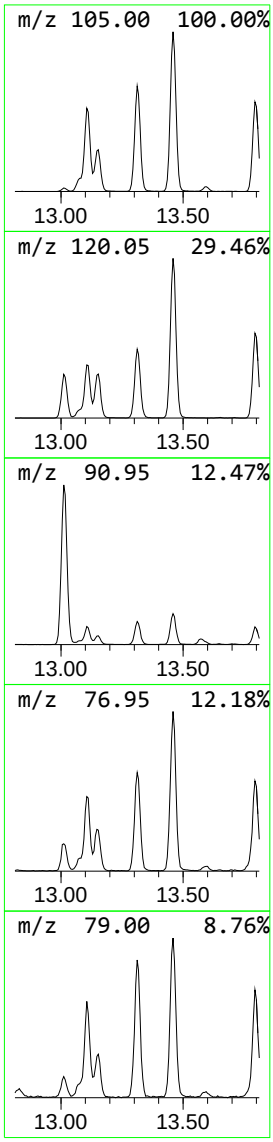
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	38.22 ug/l	3890510	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

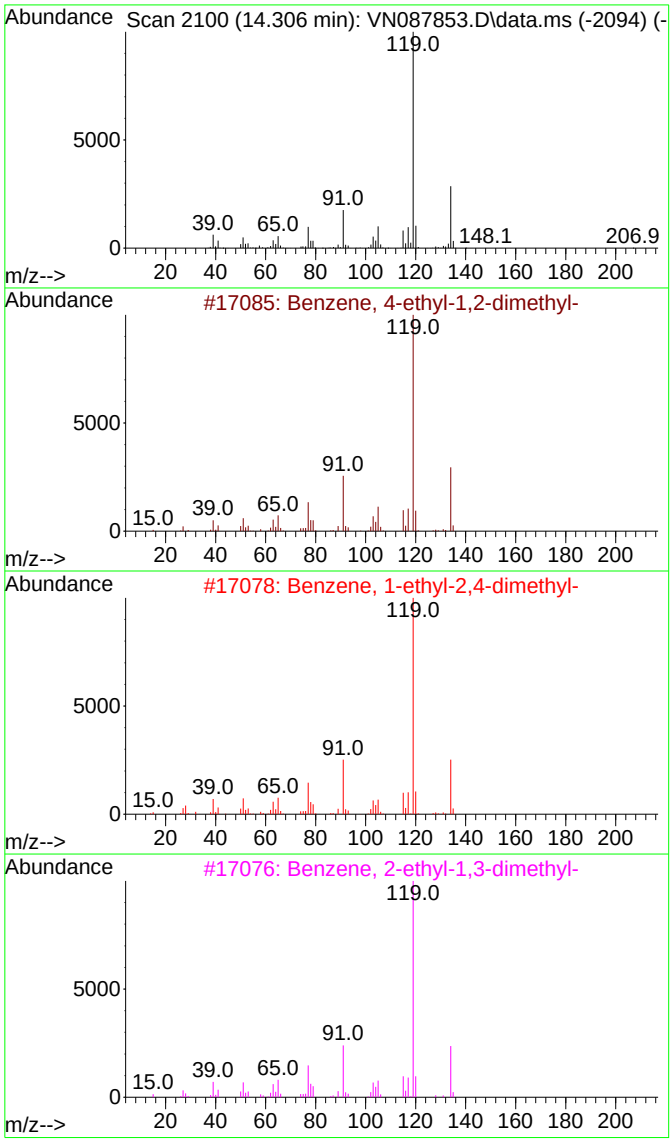
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

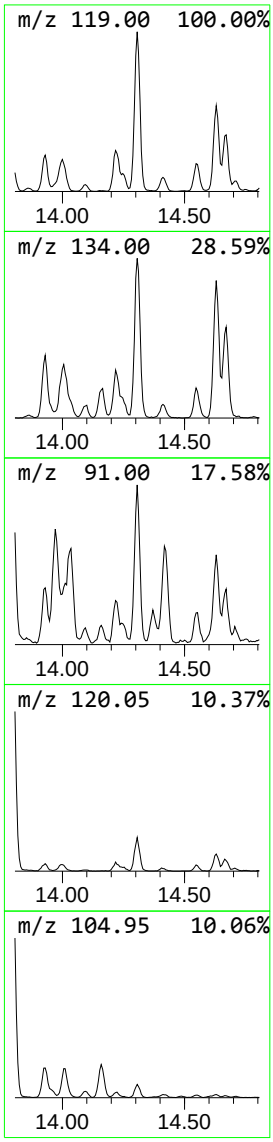
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	19.23 ug/l	1957310	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

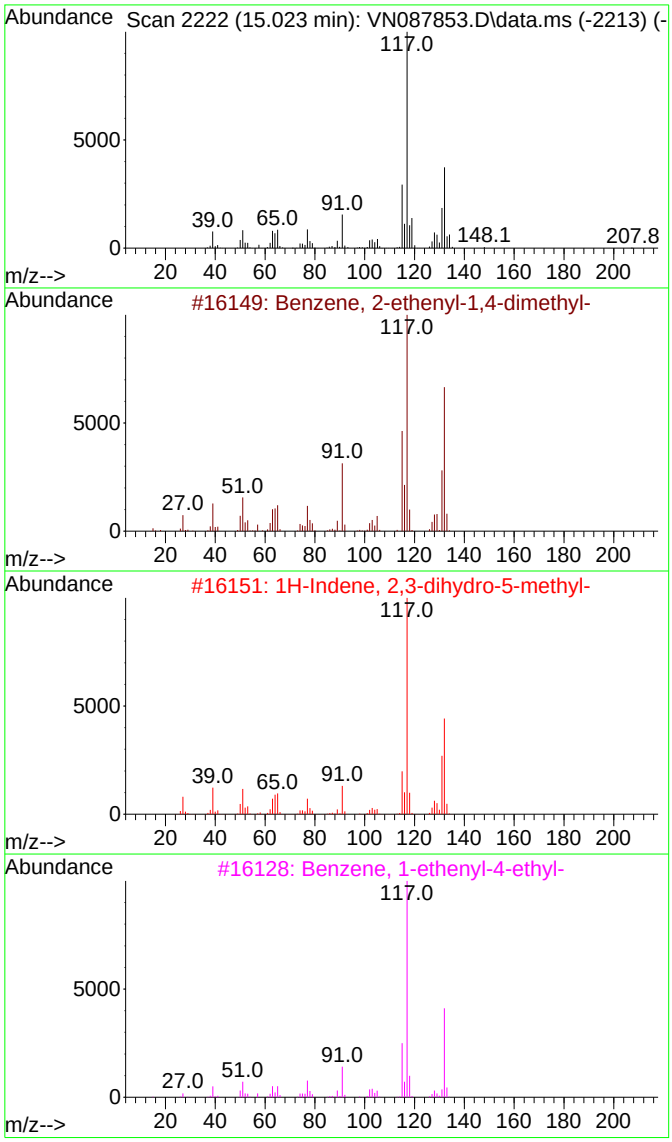
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

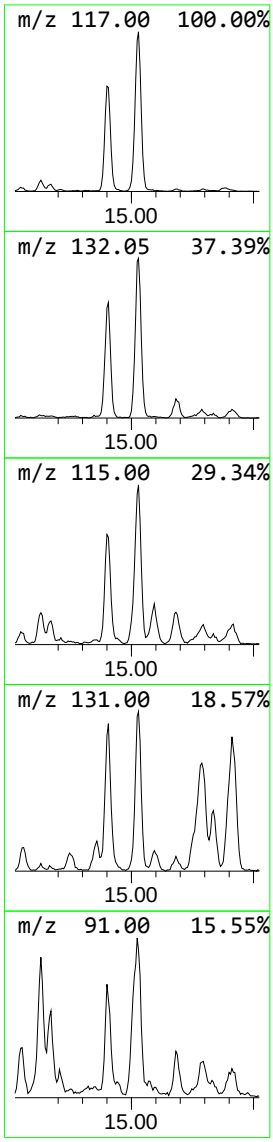
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	25.73 ug/l	2619840	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	3.265	48.0	ug/l	1530180	1	8.206	1594240	50.0
Pentane	3.653	24.4	ug/l	776866	1	8.206	1594240	50.0
Butane, 2,3-dim...	5.265	13.7	ug/l	437988	1	8.206	1594240	50.0
Pentane, 2-methyl-	5.330	46.4	ug/l	1480860	1	8.206	1594240	50.0
Pentane, 3-methyl-	5.800	35.9	ug/l	1145340	1	8.206	1594240	50.0
Cyclopentane, m...	7.312	54.5	ug/l	1738720	1	8.206	1594240	50.0
Pentane, 2,3-di...	8.306	14.0	ug/l	447378	1	8.206	1594240	50.0
Benzene, 1-ethy...	13.312	38.2	ug/l	3890510	4	13.771	5090140	50.0
Benzene, 4-ethy...	14.306	19.2	ug/l	1957310	4	13.771	5090140	50.0
Benzene, 2-ethe...	15.023	25.7	ug/l	2619840	4	13.771	5090140	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Time: Sep 17 01:20:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	184438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	413572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	397360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	180365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	185379	49.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.120%			
35) Dibromofluoromethane	8.153	113	151424	50.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	10.547	98	526852	47.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.280%			
62) 4-Bromofluorobenzene	12.829	95	181702	45.717	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.440%			

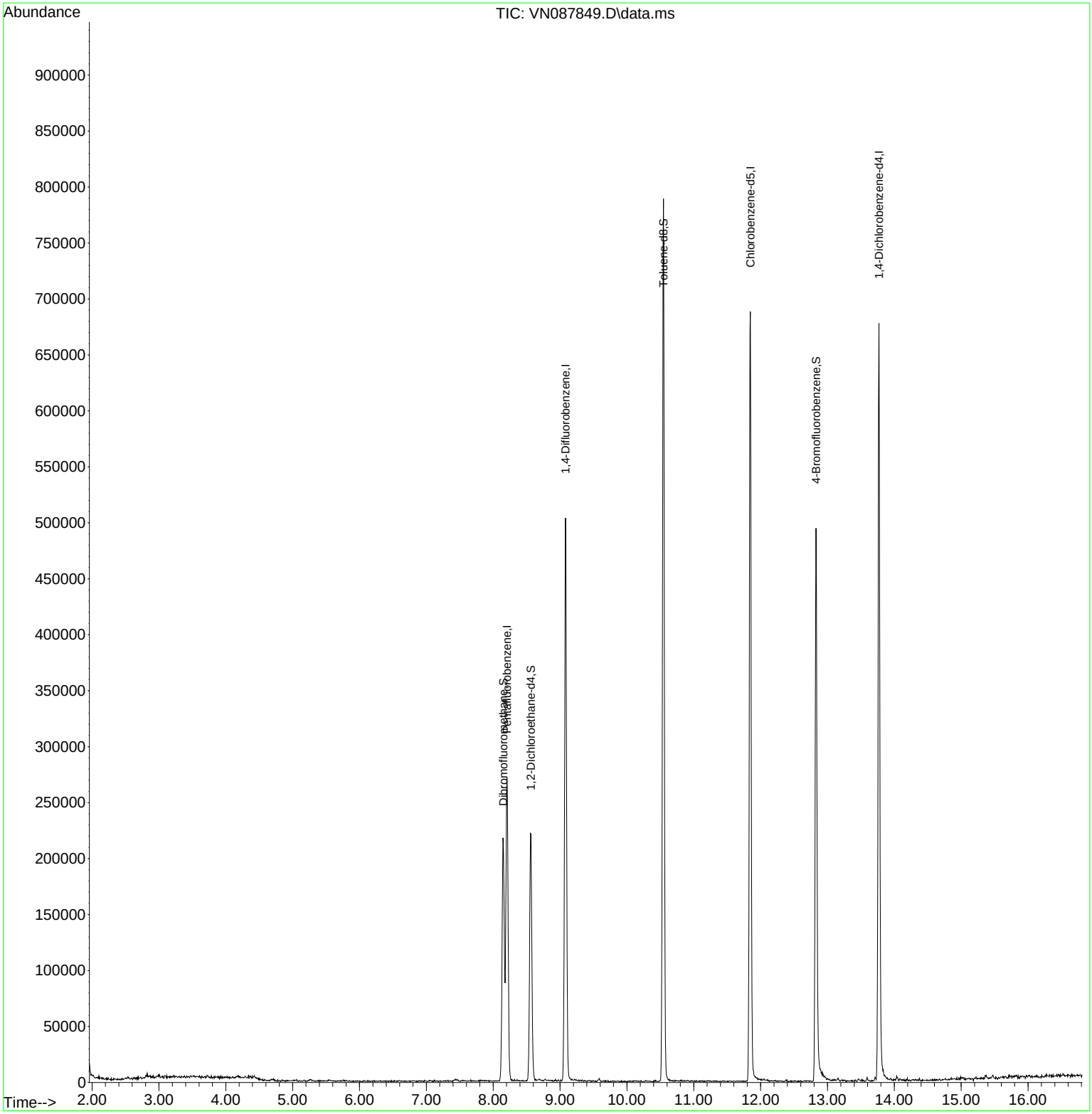
Target Compounds Qvalue

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

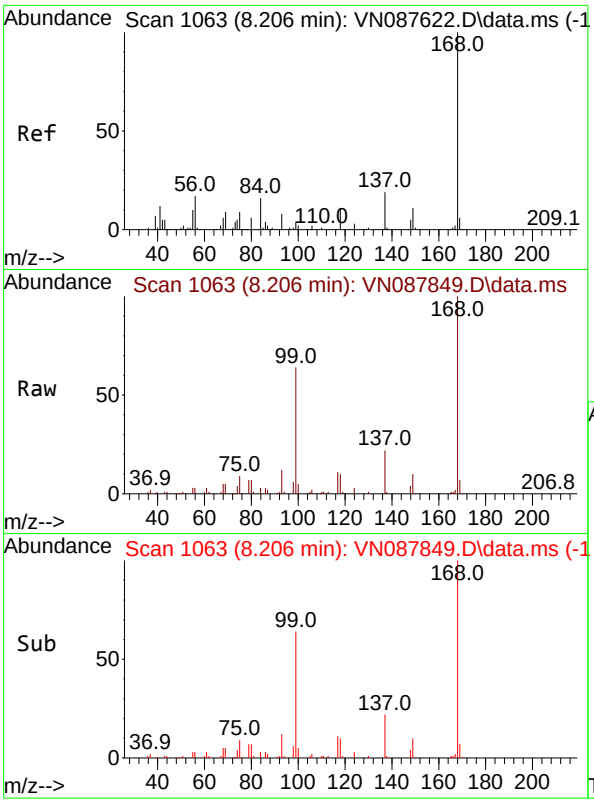
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Time: Sep 17 01:20:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



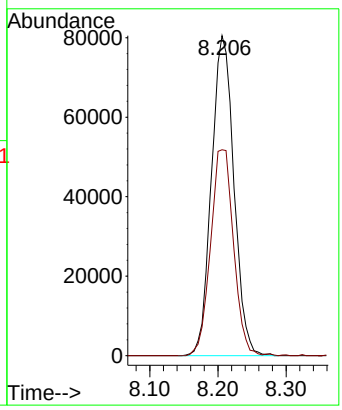
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

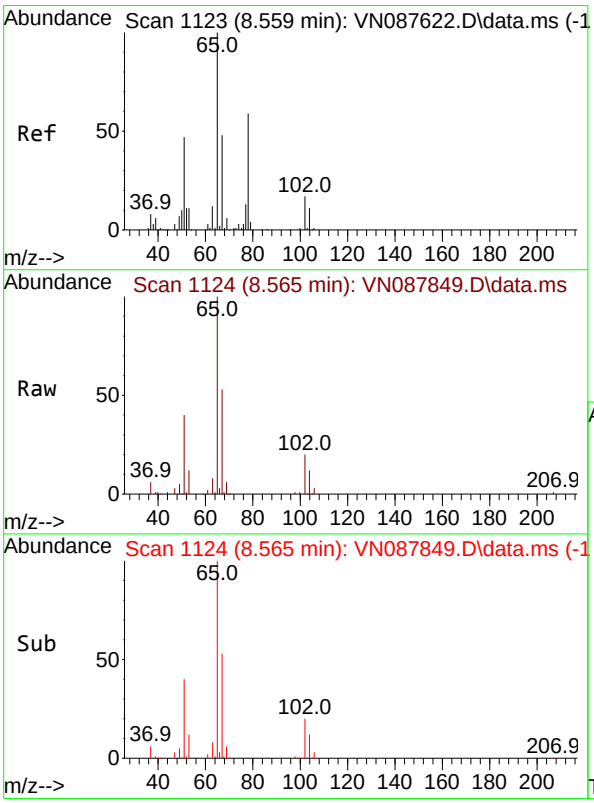


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion:168 Resp: 184438

Ion	Ratio	Lower	Upper
168	100		
99	64.4	57.2	85.8

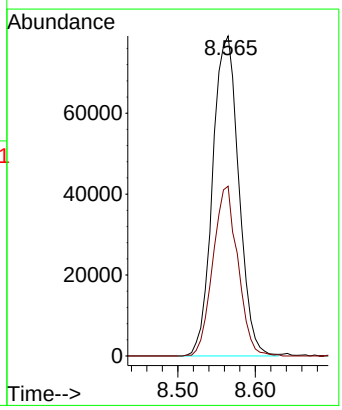


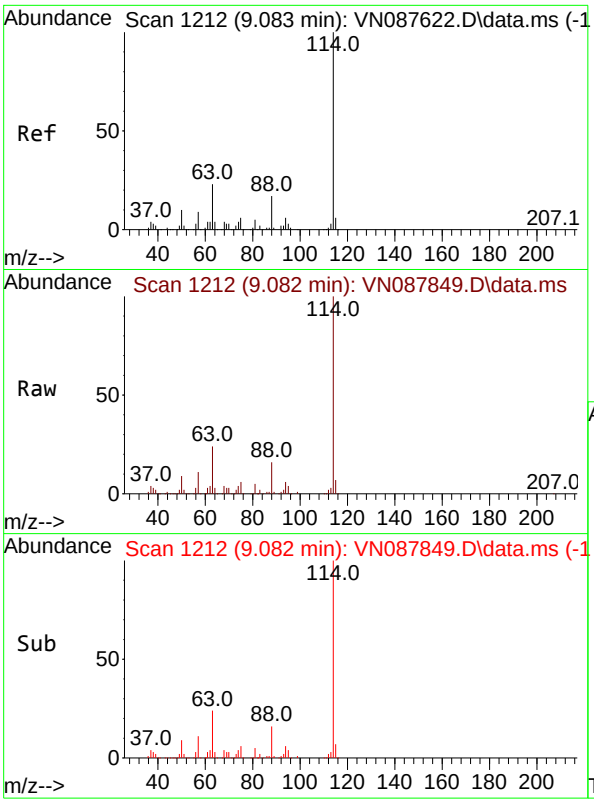


#33
1,2-Dichloroethane-d4
Concen: 49.056 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion: 65 Resp: 185379

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.0



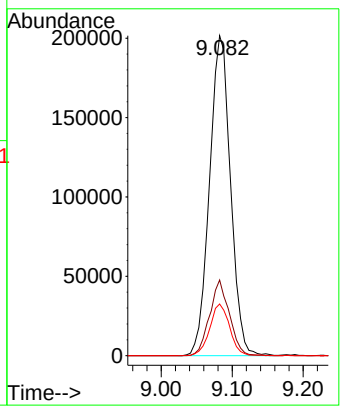


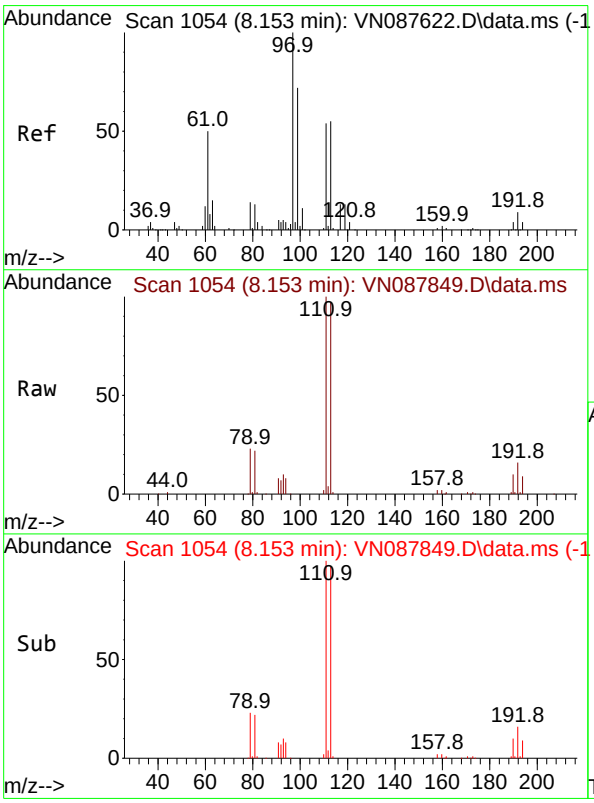
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:114 Resp: 413572

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.2
88	16.1	0.0	33.4

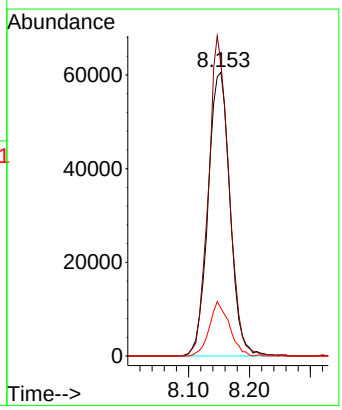


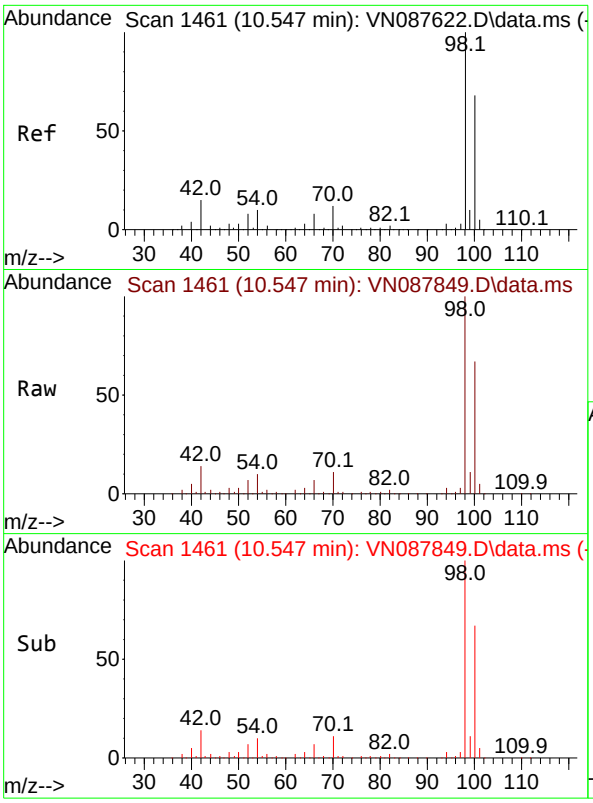


#35
Dibromofluoromethane
Concen: 50.712 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion:113 Resp: 151424

Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.8	124.2
192	17.5	12.8	19.2



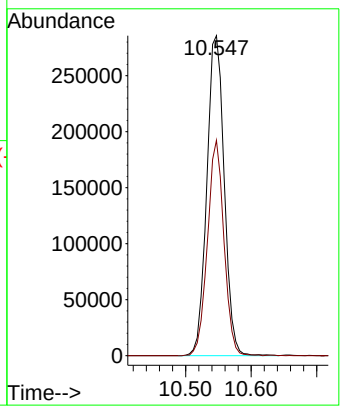


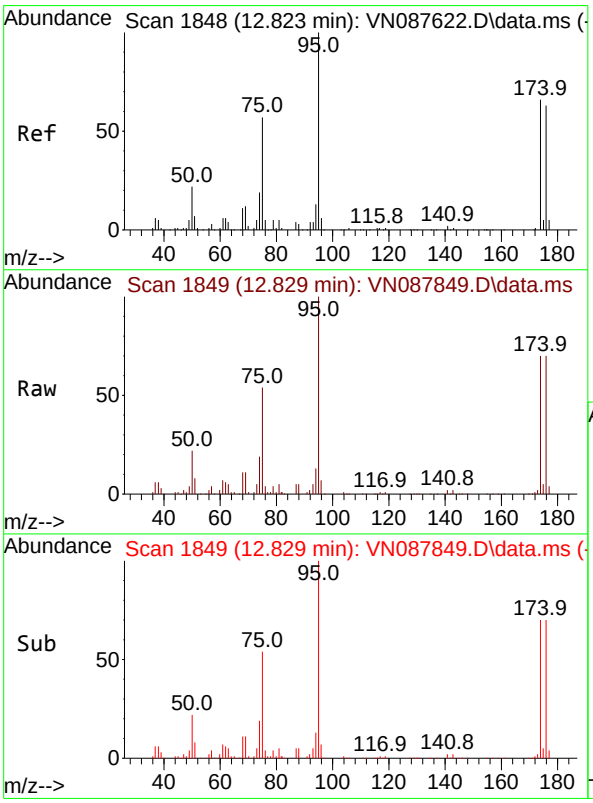
#50
Toluene-d8
Concen: 47.141 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion: 98 Resp: 526852

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.8	79.2

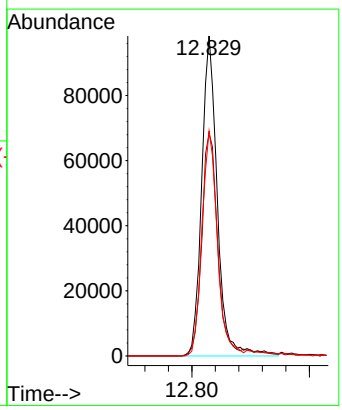


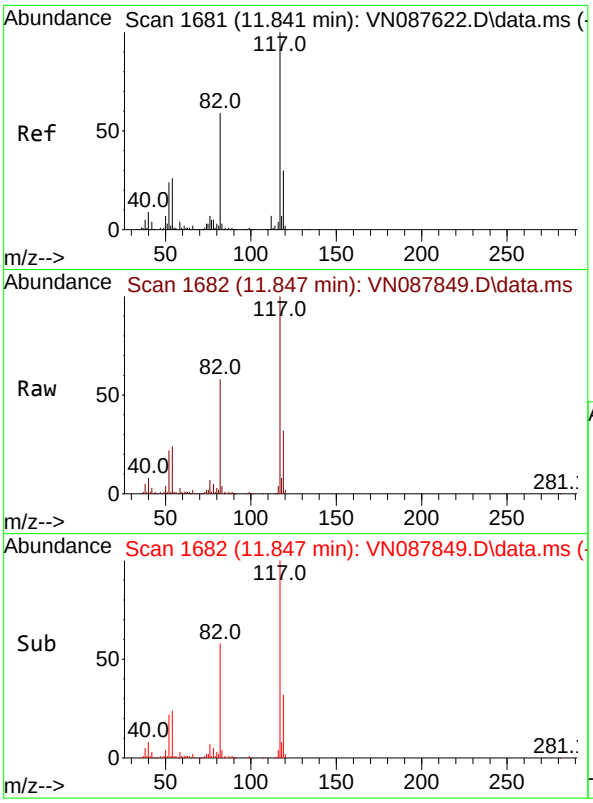


#62
4-Bromofluorobenzene
Concen: 45.717 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion: 95 Resp: 181702

Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	138.4
176	69.5	0.0	132.6



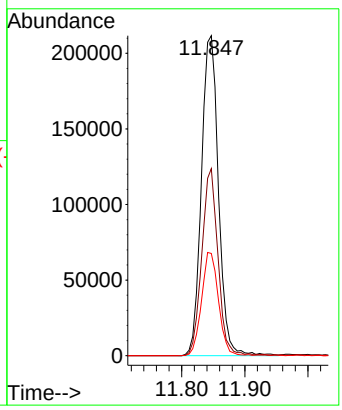


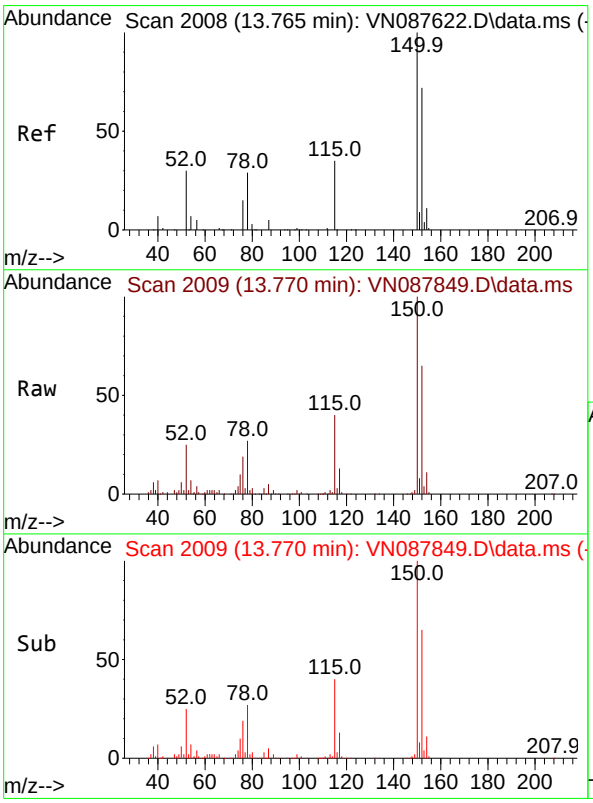
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:117 Resp: 397360

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	32.0	24.3	36.5

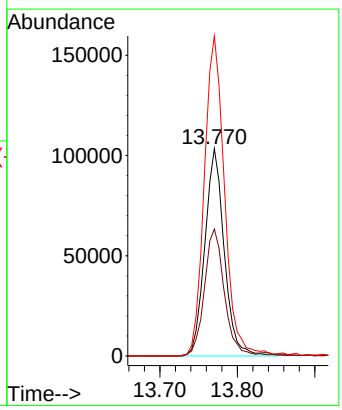




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion:152 Resp: 180365

Ion	Ratio	Lower	Upper
152	100		
115	63.1	32.3	96.8
150	160.4	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087849.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1044	1053	1058	rBV	217286	512837	35.66%	6.825%
2	8.206	1058	1063	1073	rVB	270213	615648	42.81%	8.193%
3	8.559	1113	1123	1134	rBV	221203	516141	35.89%	6.869%
4	9.082	1202	1212	1222	rBV	503112	1018929	70.85%	13.560%
5	10.547	1452	1461	1473	rBV	787892	1438217	100.00%	19.140%
6	11.847	1673	1682	1694	rBV	687777	1276705	88.77%	16.990%
7	12.829	1840	1849	1864	rBV	494300	931268	64.75%	12.393%
8	13.770	2002	2009	2023	rBV	675612	1204512	83.75%	16.030%

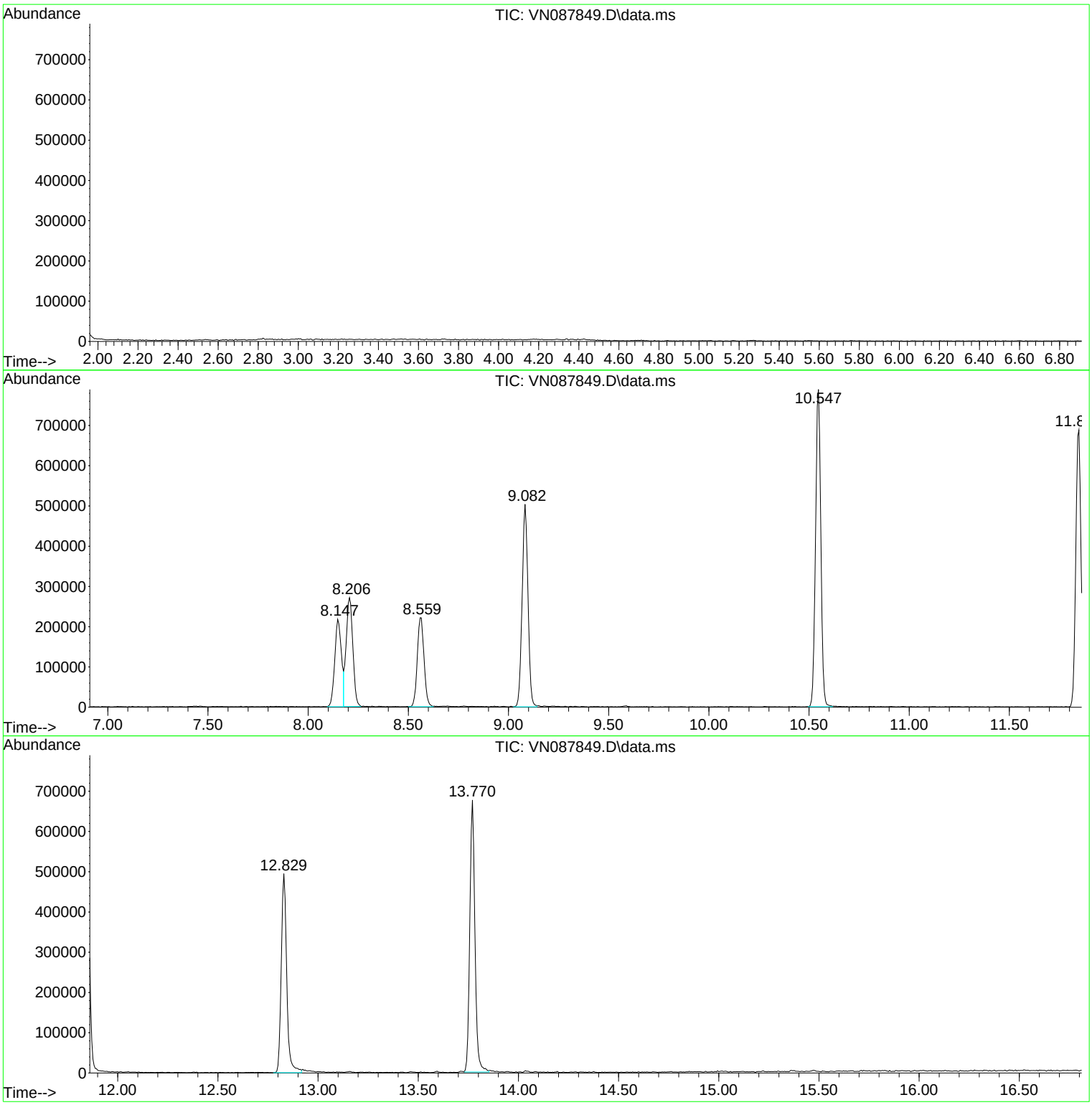
Sum of corrected areas: 7514257

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	212441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	416535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	384629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	191875	44.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 88.160%			
35) Dibromofluoromethane	8.153	113	142797	47.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.960%			
50) Toluene-d8	10.547	98	506575	45.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.000%			
62) 4-Bromofluorobenzene	12.829	95	187364	46.806	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	55904	18.528	ug/l	97
3) Chloromethane	2.383	50	59012	19.032	ug/l	97
4) Vinyl Chloride	2.536	62	64459	17.929	ug/l	98
5) Bromomethane	2.977	94	36769	19.821	ug/l	92
6) Chloroethane	3.142	64	45770	18.113	ug/l	94
7) Trichlorofluoromethane	3.506	101	102174	19.398	ug/l	97
8) Diethyl Ether	3.959	74	40276	17.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	54564	18.307	ug/l	96
10) Methyl Iodide	4.583	142	30221	18.530	ug/l #	95
11) Tert butyl alcohol	5.530	59	68041	90.044	ug/l	99
12) 1,1-Dichloroethene	4.342	96	55667	18.175	ug/l	85
13) Acrolein	4.183	56	67595	72.764	ug/l	93
14) Allyl chloride	5.012	41	87373	15.742	ug/l	93
15) Acrylonitrile	5.706	53	198074	92.945	ug/l	98
16) Acetone	4.424	43	179741	75.857	ug/l	97
17) Carbon Disulfide	4.706	76	163482	19.388	ug/l	97
18) Methyl Acetate	5.012	43	97217	19.596	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	206909	18.008	ug/l	96
20) Methylene Chloride	5.265	84	68413	19.197	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	60716	18.291	ug/l	93
22) Diisopropyl ether	6.653	45	208232	17.385	ug/l	95
23) Vinyl Acetate	6.594	43	952603	87.417	ug/l	100
24) 1,1-Dichloroethane	6.553	63	118103	17.984	ug/l	95
25) 2-Butanone	7.471	43	271281	87.024	ug/l	98
26) 2,2-Dichloropropane	7.477	77	96026	17.036	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	77168	19.446	ug/l	93
28) Bromochloromethane	7.794	49	56730	17.868	ug/l	93
29) Tetrahydrofuran	7.830	42	177067	88.261	ug/l	98
30) Chloroform	7.947	83	126732	18.906	ug/l	99
31) Cyclohexane	8.235	56	96759	17.673	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	106285	18.710	ug/l	96
36) 1,1-Dichloropropene	8.353	75	81154	17.590	ug/l	96
37) Ethyl Acetate	7.553	43	109179	17.318	ug/l	99
38) Carbon Tetrachloride	8.347	117	87614	19.234	ug/l	94
39) Methylcyclohexane	9.582	83	88595	17.442	ug/l	94
40) Benzene	8.588	78	269680	19.058	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	54678	16.743	ug/l		92
42) 1,2-Dichloroethane	8.653	62	98286	18.074	ug/l		100
43) Isopropyl Acetate	8.677	43	174715	17.750	ug/l		98
44) Trichloroethene	9.335	130	60956	18.867	ug/l		93
45) 1,2-Dichloropropane	9.606	63	68739	18.429	ug/l		100
46) Dibromomethane	9.688	93	49768	18.750	ug/l		94
47) Bromodichloromethane	9.871	83	103785	19.078	ug/l	#	95
48) Methyl methacrylate	9.665	41	78208	16.798	ug/l		97
49) 1,4-Dioxane	9.682	88	22511	373.036	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.423	43	551309	92.834	ug/l		100
52) Toluene	10.612	92	163565	18.645	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	100551	17.857	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	109621	18.749	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	65951	19.433	ug/l		98
56) Ethyl methacrylate	10.853	69	95504	17.609	ug/l		96
57) 1,3-Dichloropropane	11.141	76	114165	19.008	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	260397	88.706	ug/l		98
59) 2-Hexanone	11.176	43	338058	90.071	ug/l		98
60) Dibromochloromethane	11.335	129	74413	18.924	ug/l		99
61) 1,2-Dibromoethane	11.447	107	67826	18.954	ug/l		97
64) Tetrachloroethene	11.082	164	51220	19.194	ug/l		92
65) Chlorobenzene	11.870	112	183474	19.174	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.941	131	64982	20.455	ug/l		99
67) Ethyl Benzene	11.941	91	301786	18.215	ug/l		99
68) m/p-Xylenes	12.053	106	228624	37.626	ug/l		97
69) o-Xylene	12.376	106	111964	18.803	ug/l		95
70) Styrene	12.388	104	187752	18.820	ug/l		98
71) Bromoform	12.559	173	51182	21.008	ug/l	#	95
73) Isopropylbenzene	12.670	105	283155	16.667	ug/l		99
74) N-amyl acetate	12.676	43	116357m	18.073	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	102369	17.502	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	86649m	17.575	ug/l		
77) Bromobenzene	12.959	156	71443	17.836	ug/l		93
78) n-propylbenzene	13.012	91	357472	17.083	ug/l		99
79) 2-Chlorotoluene	13.100	91	213896	16.985	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	240227	16.669	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	28031	15.052	ug/l		84
82) 4-Chlorotoluene	13.200	91	219802	16.601	ug/l		94
83) tert-Butylbenzene	13.412	119	204658	17.041	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	249090	17.265	ug/l		99
85) sec-Butylbenzene	13.594	105	306232	17.183	ug/l		99
86) p-Isopropyltoluene	13.706	119	248091	16.858	ug/l		98
87) 1,3-Dichlorobenzene	13.711	146	141726	17.967	ug/l		97
88) 1,4-Dichlorobenzene	13.788	146	149128	18.166	ug/l		99
89) n-Butylbenzene	14.035	91	239567	16.391	ug/l		100
90) Hexachloroethane	14.306	117	50166	17.892	ug/l		92
91) 1,2-Dichlorobenzene	14.082	146	134043	17.912	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22750	16.373	ug/l		94
93) 1,2,4-Trichlorobenzene	15.370	180	80915	18.006	ug/l		100
94) Hexachlorobutadiene	15.470	225	30415	18.985	ug/l		96
95) Naphthalene	15.611	128	259960	16.332	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	78003	17.755	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

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

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

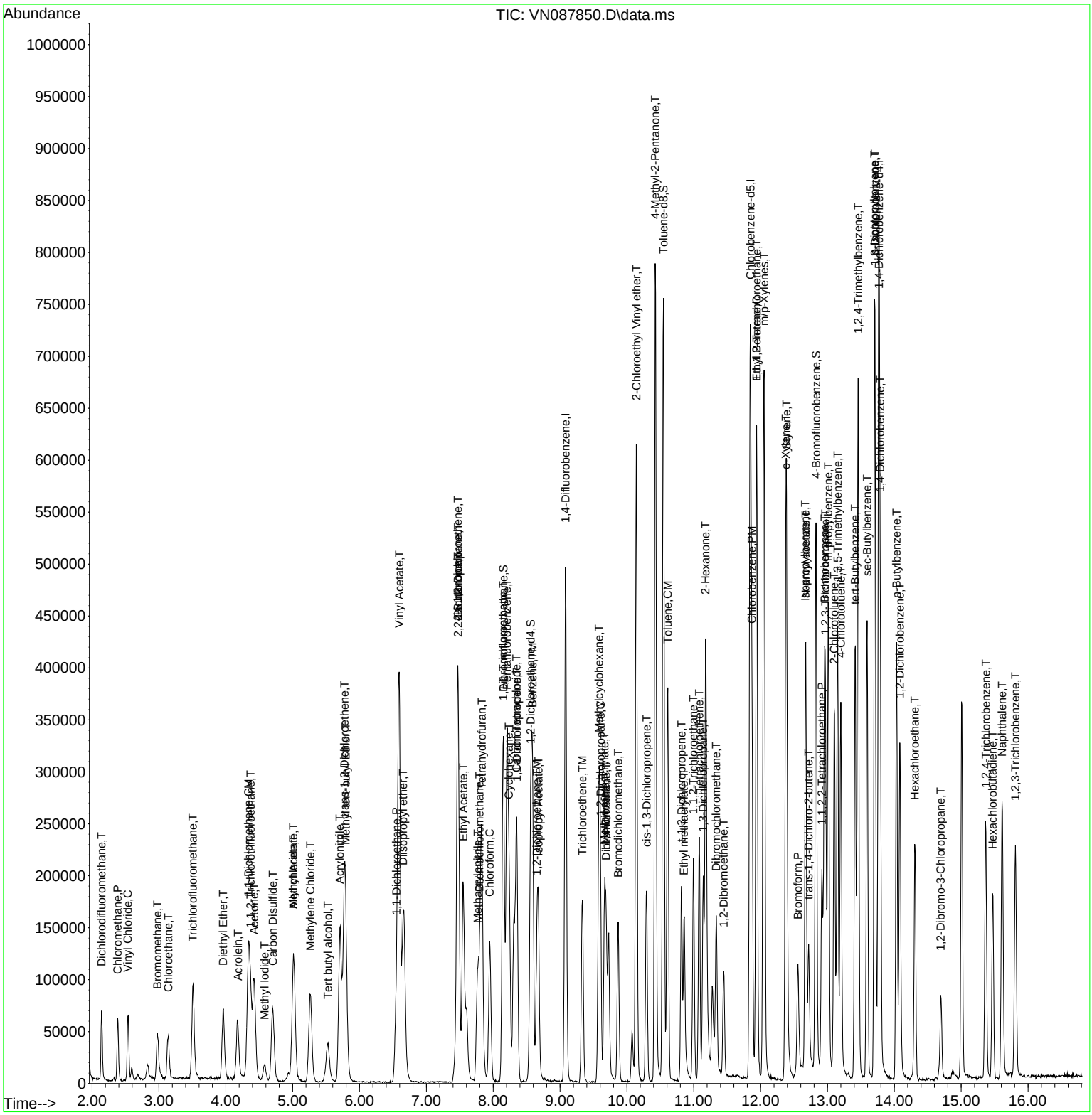
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	229272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	433869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	392898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	209579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	204194	43.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 86.940%			
35) Dibromofluoromethane	8.147	113	152219	48.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.180%			
50) Toluene-d8	10.547	98	534604	45.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.200%			
62) 4-Bromofluorobenzene	12.829	95	193287	46.356	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	61714	18.952	ug/l	99
3) Chloromethane	2.383	50	61485	18.373	ug/l	96
4) Vinyl Chloride	2.536	62	71328	18.383	ug/l	90
5) Bromomethane	2.983	94	39000	19.480	ug/l	87
6) Chloroethane	3.136	64	46084	16.899	ug/l	94
7) Trichlorofluoromethane	3.512	101	111716	19.652	ug/l	96
8) Diethyl Ether	3.959	74	40444	16.336	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	59552	18.514	ug/l	97
10) Methyl Iodide	4.577	142	35235	19.471	ug/l	97
11) Tert butyl alcohol	5.524	59	75759	92.898	ug/l	95
12) 1,1-Dichloroethene	4.330	96	58163	17.596	ug/l	90
13) Acrolein	4.177	56	74339	74.149	ug/l	100
14) Allyl chloride	5.012	41	90094	15.040	ug/l	93
15) Acrylonitrile	5.706	53	204541	88.934	ug/l	97
16) Acetone	4.424	43	183819	71.883	ug/l	96
17) Carbon Disulfide	4.706	76	170001	18.681	ug/l	100
18) Methyl Acetate	5.018	43	99443	18.573	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	210306	16.960	ug/l	98
20) Methylene Chloride	5.265	84	70838	18.366	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	63180	17.636	ug/l	90
22) Diisopropyl ether	6.659	45	220735	17.076	ug/l	95
23) Vinyl Acetate	6.589	43	882321	75.024	ug/l	99
24) 1,1-Dichloroethane	6.553	63	123788	17.466	ug/l	97
25) 2-Butanone	7.471	43	283126	84.156	ug/l	100
26) 2,2-Dichloropropane	7.471	77	101171	16.632	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	77871	18.182	ug/l	98
28) Bromochloromethane	7.794	49	59450	17.350	ug/l	90
29) Tetrahydrofuran	7.824	42	179559	82.933	ug/l	97
30) Chloroform	7.947	83	129921	17.959	ug/l	98
31) Cyclohexane	8.236	56	107126	18.131	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	110851	18.081	ug/l	98
36) 1,1-Dichloropropene	8.353	75	86206	17.938	ug/l	98
37) Ethyl Acetate	7.542	43	108447	16.514	ug/l #	94
38) Carbon Tetrachloride	8.341	117	93570	19.721	ug/l	91
39) Methylcyclohexane	9.583	83	97980	18.519	ug/l	96
40) Benzene	8.588	78	278225	18.876	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	59964	17.628	ug/l		98
42) 1,2-Dichloroethane	8.653	62	101742	17.962	ug/l		99
43) Isopropyl Acetate	8.677	43	179617	17.519	ug/l		97
44) Trichloroethene	9.335	130	66656	19.807	ug/l		97
45) 1,2-Dichloropropane	9.606	63	71366	18.369	ug/l		97
46) Dibromomethane	9.688	93	53658	19.408	ug/l		96
47) Bromodichloromethane	9.871	83	108569	19.160	ug/l	#	94
48) Methyl methacrylate	9.665	41	82168	16.943	ug/l		98
49) 1,4-Dioxane	9.677	88	21945	349.128	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.424	43	569808	92.115	ug/l		100
52) Toluene	10.612	92	170728	18.684	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	107103	18.261	ug/l		95
54) cis-1,3-Dichloropropene	10.294	75	108830	17.870	ug/l		98
55) 1,1,2-Trichloroethane	11.000	97	71066	20.104	ug/l		92
56) Ethyl methacrylate	10.859	69	100359	17.765	ug/l		98
57) 1,3-Dichloropropane	11.141	76	119059	19.031	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.141	63	263312	86.115	ug/l		96
59) 2-Hexanone	11.177	43	349848	89.488	ug/l		99
60) Dibromochloromethane	11.335	129	78365	19.133	ug/l		100
61) 1,2-Dibromoethane	11.447	107	69424	18.625	ug/l		96
64) Tetrachloroethene	11.082	164	53603	19.664	ug/l		93
65) Chlorobenzene	11.871	112	185603	18.988	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65603	20.216	ug/l		99
67) Ethyl Benzene	11.941	91	316873	18.723	ug/l		98
68) m/p-Xylenes	12.047	106	243049	39.158	ug/l		96
69) o-Xylene	12.376	106	118378	19.462	ug/l		96
70) Styrene	12.388	104	193858	19.023	ug/l		97
71) Bromoform	12.553	173	52426	21.065	ug/l	#	98
73) Isopropylbenzene	12.671	105	294667	17.400	ug/l		99
74) N-amyl acetate	12.665	43	121778m	18.975	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	107892	18.504	ug/l		97
76) 1,2,3-Trichloropropane	12.971	75	86475m	17.595	ug/l		
77) Bromobenzene	12.959	156	75614	18.936	ug/l		93
78) n-propylbenzene	13.012	91	377345	18.089	ug/l		100
79) 2-Chlorotoluene	13.106	91	218388	17.397	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	255538	17.787	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.718	75	29446	15.861	ug/l		89
82) 4-Chlorotoluene	13.200	91	227013	17.200	ug/l		97
83) tert-Butylbenzene	13.412	119	221104	18.468	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	259126	18.018	ug/l		100
85) sec-Butylbenzene	13.594	105	326968	18.404	ug/l		99
86) p-Isopropyltoluene	13.706	119	276556	18.851	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	147792	18.795	ug/l		96
88) 1,4-Dichlorobenzene	13.788	146	148845	18.189	ug/l		98
89) n-Butylbenzene	14.035	91	257806	17.694	ug/l		99
90) Hexachloroethane	14.306	117	53872	19.275	ug/l		88
91) 1,2-Dichlorobenzene	14.082	146	143628	19.253	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23465	16.941	ug/l		91
93) 1,2,4-Trichlorobenzene	15.365	180	85112	18.999	ug/l		98
94) Hexachlorobutadiene	15.470	225	33396	20.911	ug/l		97
95) Naphthalene	15.617	128	273883	17.261	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	81446	18.597	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

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

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

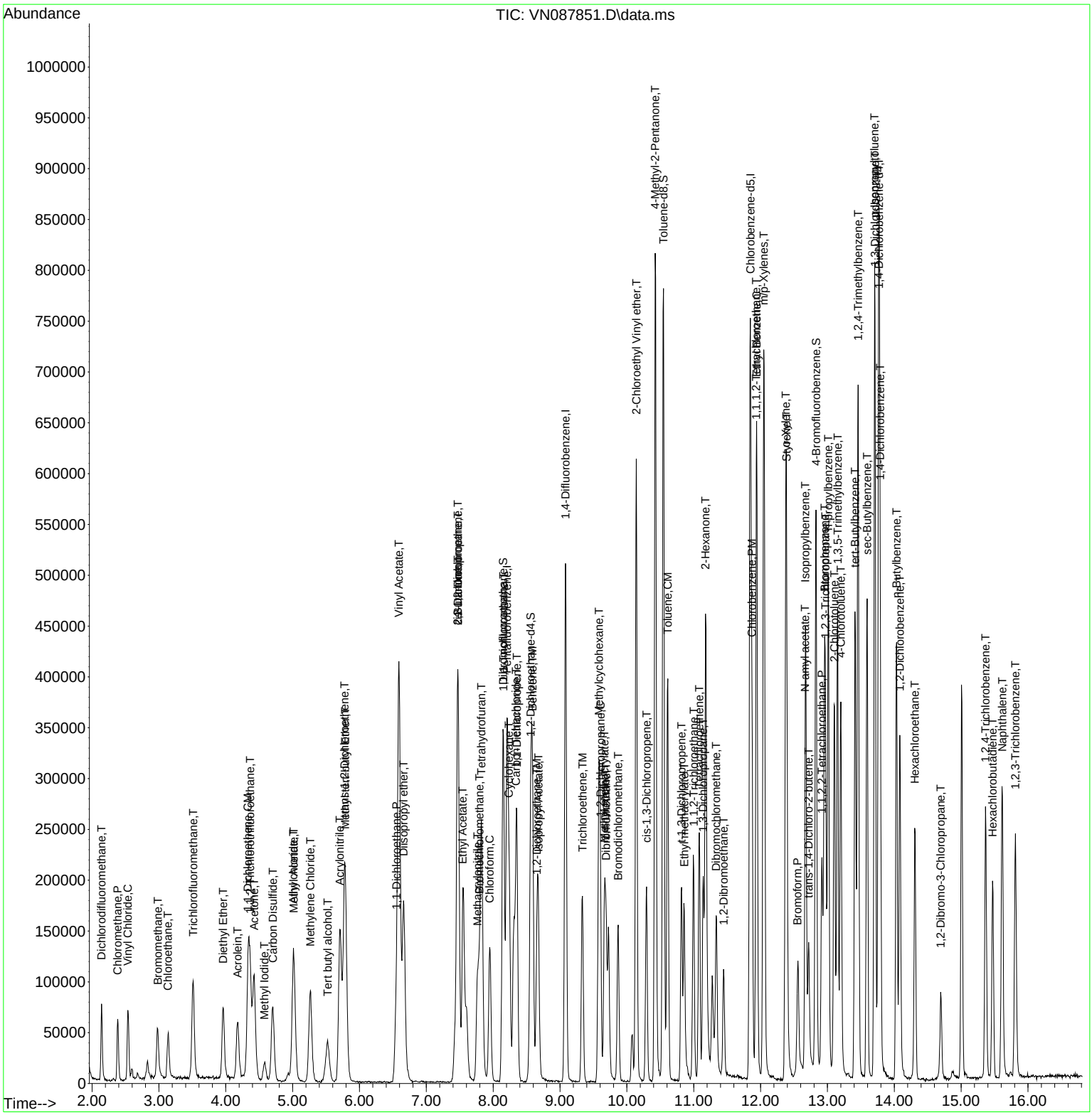
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



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

Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN087619.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	1,4-Dichlorobenzene	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Diethyl Ether	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Ethyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Methyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	N-amyl acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	Ethyl Acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	N-amyl acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	N-amyl acetate	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	N-amyl acetate	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087623.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:28 AM	MMDadoda	8/25/2025 8:11:24 AM	Peak Integrated by Software
VSTDICC150	VN087624.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:33 AM	MMDadoda	8/25/2025 8:11:26 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	N-amyl acetate	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN091625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087847.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:26 AM	MMDadoda	9/18/2025 3:21:22 PM	Peak Integrated by Software
VSTDCCC050	VN087847.D	N-amyl acetate	JOHN	9/17/2025 8:20:26 AM	MMDadoda	9/18/2025 3:21:22 PM	Peak Integrated by Software
VN0916WBS01	VN087850.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:32 AM	MMDadoda	9/18/2025 3:21:23 PM	Peak Integrated by Software
VN0916WBS01	VN087850.D	N-amyl acetate	JOHN	9/17/2025 8:20:32 AM	MMDadoda	9/18/2025 3:21:23 PM	Peak Integrated by Software
VN0916WBSD01	VN087851.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:36 AM	MMDadoda	9/18/2025 3:21:25 PM	Peak Integrated by Software
VN0916WBSD01	VN087851.D	N-amyl acetate	JOHN	9/17/2025 8:20:36 AM	MMDadoda	9/18/2025 3:21:25 PM	Peak Integrated by Software
Q3108-01	VN087853.D	n-Butylbenzene	JOHN	9/17/2025 8:20:41 AM	MMDadoda	9/18/2025 3:21:26 PM	Peak Integrated by Software
VSTDCCC050	VN087867.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:54 AM	MMDadoda	9/18/2025 3:21:30 PM	Peak Integrated by Software
VSTDCCC050	VN087867.D	N-amyl acetate	JOHN	9/17/2025 8:20:54 AM	MMDadoda	9/18/2025 3:21:30 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087614.D	21 Aug 2025 09:30	JC\MD	Ok
2	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	JC\MD	Not Ok
3	VN0821WBS01	VN087616.D	21 Aug 2025 10:37	JC\MD	Not Ok
4	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11	JC\MD	Not Ok
5	VN0821WBL01	VN087618.D	21 Aug 2025 11:36	JC\MD	Not Ok
6	VSTDICC001	VN087619.D	21 Aug 2025 12:09	JC\MD	Ok,M
7	VSTDICC005	VN087620.D	21 Aug 2025 13:08	JC\MD	Ok,M
8	VSTDICC020	VN087621.D	21 Aug 2025 13:41	JC\MD	Ok,M
9	VSTDICCC050	VN087622.D	21 Aug 2025 14:02	JC\MD	Ok,M
10	VSTDICC100	VN087623.D	21 Aug 2025 14:23	JC\MD	Ok,M
11	VSTDICC150	VN087624.D	21 Aug 2025 14:44	JC\MD	Ok,M
12	IBLK	VN087625.D	21 Aug 2025 15:05	JC\MD	Ok
13	VSTDICV050	VN087626.D	21 Aug 2025 15:47	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087846.D	16 Sep 2025 11:25	JC\MD	Ok
2	VSTDCCC050	VN087847.D	16 Sep 2025 13:55	JC\MD	Ok,M
3	VN0916MBL01	VN087848.D	16 Sep 2025 14:43	JC\MD	Ok
4	VN0916WBL01	VN087849.D	16 Sep 2025 15:04	JC\MD	Ok
5	VN0916WBS01	VN087850.D	16 Sep 2025 15:25	JC\MD	Ok,M
6	VN0916WBSD01	VN087851.D	16 Sep 2025 15:46	JC\MD	Ok,M
7	Q3103-01	VN087852.D	16 Sep 2025 16:08	JC\MD	Ok
8	Q3108-01	VN087853.D	16 Sep 2025 16:29	JC\MD	Ok,M
9	Q3109-01	VN087854.D	16 Sep 2025 16:50	JC\MD	Ok
10	Q3109-02	VN087855.D	16 Sep 2025 17:11	JC\MD	Dilution
11	VN0916MBS01	VN087856.D	16 Sep 2025 17:32	JC\MD	Ok,M
12	VN0916MBSD01	VN087857.D	16 Sep 2025 17:54	JC\MD	Ok,M
13	Q3077-01	VN087858.D	16 Sep 2025 18:15	JC\MD	Ok
14	Q3021-01	VN087859.D	16 Sep 2025 18:36	JC\MD	Ok
15	Q3021-03	VN087860.D	16 Sep 2025 18:58	JC\MD	Ok
16	Q3021-05	VN087861.D	16 Sep 2025 19:19	JC\MD	Ok
17	IBLK	VN087862.D	16 Sep 2025 19:40	JC\MD	Ok
18	Q3087-01	VN087863.D	16 Sep 2025 20:01	JC\MD	Ok
19	Q3087-02	VN087864.D	16 Sep 2025 20:22	JC\MD	Ok
20	Q3087-03	VN087865.D	16 Sep 2025 20:43	JC\MD	Ok
21	Q3087-04	VN087866.D	16 Sep 2025 21:05	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VN087867.D	16 Sep 2025 21:26	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087614.D	21 Aug 2025 09:30		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	Need ICAL	JC\MD	Not Ok
3	VN0821WBS01	VN0821WBS01	VN087616.D	21 Aug 2025 10:37		JC\MD	Not Ok
4	VN0821WBSD01	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11		JC\MD	Not Ok
5	VN0821WBL01	VN0821WBL01	VN087618.D	21 Aug 2025 11:36		JC\MD	Not Ok
6	VSTDICC001	VSTDICC001	VN087619.D	21 Aug 2025 12:09	LR-10,20	JC\MD	Ok,M
7	VSTDICC005	VSTDICC005	VN087620.D	21 Aug 2025 13:08		JC\MD	Ok,M
8	VSTDICC020	VSTDICC020	VN087621.D	21 Aug 2025 13:41	method not used for #N-amyle Acetate	JC\MD	Ok,M
9	VSTDICCC050	VSTDICCC050	VN087622.D	21 Aug 2025 14:02		JC\MD	Ok,M
10	VSTDICC100	VSTDICC100	VN087623.D	21 Aug 2025 14:23		JC\MD	Ok,M
11	VSTDICC150	VSTDICC150	VN087624.D	21 Aug 2025 14:44		JC\MD	Ok,M
12	IBLK	IBLK	VN087625.D	21 Aug 2025 15:05		JC\MD	Ok
13	VSTDICV050	ICVVN082125	VN087626.D	21 Aug 2025 15:47	Icv Failed for Com.# 64 for DOD	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
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	VN087846.D	16 Sep 2025 11:25		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087847.D	16 Sep 2025 13:55	pH#Lot#V12668	JC\MD	Ok,M
3	VN0916MBL01	VN0916MBL01	VN087848.D	16 Sep 2025 14:43		JC\MD	Ok
4	VN0916WBL01	VN0916WBL01	VN087849.D	16 Sep 2025 15:04		JC\MD	Ok
5	VN0916WBS01	VN0916WBS01	VN087850.D	16 Sep 2025 15:25	BS Failed Low For Com.#80,81	JC\MD	Ok,M
6	VN0916WBSD01	VN0916WBSD01	VN087851.D	16 Sep 2025 15:46	BSD Failed Low For Comp.#23	JC\MD	Ok,M
7	Q3103-01	TW-WTS-14	VN087852.D	16 Sep 2025 16:08	vial A pH<2	JC\MD	Ok
8	Q3108-01	MW2	VN087853.D	16 Sep 2025 16:29	vial A pH<2	JC\MD	Ok,M
9	Q3109-01	MW1D	VN087854.D	16 Sep 2025 16:50	vial A pH<2	JC\MD	Ok
10	Q3109-02	MW1	VN087855.D	16 Sep 2025 17:11	vial A pH<2, Need 20X	JC\MD	Dilution
11	VN0916MBS01	VN0916MBS01	VN087856.D	16 Sep 2025 17:32		JC\MD	Ok,M
12	VN0916MBSD01	VN0916MBSD01	VN087857.D	16 Sep 2025 17:54		JC\MD	Ok,M
13	Q3077-01	LAW-25-0137	VN087858.D	16 Sep 2025 18:15	cloth material	JC\MD	Ok
14	Q3021-01	821-B	VN087859.D	16 Sep 2025 18:36	sample is oil	JC\MD	Ok
15	Q3021-03	821-D	VN087860.D	16 Sep 2025 18:58	sample is oil	JC\MD	Ok
16	Q3021-05	821-I	VN087861.D	16 Sep 2025 19:19	sample is oil	JC\MD	Ok
17	IBLK	IBLK	VN087862.D	16 Sep 2025 19:40		JC\MD	Ok
18	Q3087-01	STORAGE-BLANK-SAI	VN087863.D	16 Sep 2025 20:01	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3087-02	STORAGE-BLANK-WA	VN087864.D	16 Sep 2025 20:22	vial A pH<2	JC\MD	Ok
20	Q3087-03	STORAGE-BLANK-WA	VN087865.D	16 Sep 2025 20:43	vial A pH<2	JC\MD	Ok
21	Q3087-04	STORAGE-BLANK-SA	VN087866.D	16 Sep 2025 21:05	vial A pH<2	JC\MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VN087867.D	16 Sep 2025 21:26	Low Spike	JC\MD	Not Ok

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3108	**OrderDate:**	9/16/2025 10:59:00 AM
Client:	G Environmental	**Project:**	61 Laurel Street
Contact:	Gary Landis	**Location:**	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3108-01	**MW2**	**Water**			**09/15/25**			**09/16/25**
			VOCMS Group1	8260-Low			09/16/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3108

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW2									
Q3108-01	MW2	WATER	Naphthalene		3.300	J	0.5	5	ug/L
			Total Svoc :		**3.30**				
Q3108-01	MW2	WATER	Benzene, 1,2,3,5-tetramethyl-	*	13.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,2,3-trimethyl-	*	20.200	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,2,4,5-tetramethyl-	*	10.100	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,2,4-trimethyl-	*	74.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,2-diethyl-	*	19.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,3-dimethyl-	*	110.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1-ethyl-2-methyl-	*	75.200	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1-ethyl-3-methyl-	*	11.700	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1-methyl-4-propyl-	*	10.900	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	32.600	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 2-ethyl-1,4-dimethyl-	*	9.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 4-ethyl-1,2-dimethyl-	*	17.300	J	0	0	ug/L
Q3108-01	MW2	WATER	Indane	*	37.200	J	0	0	ug/L
Q3108-01	MW2	WATER	n-Hexadecanoic acid	*	11.400	J	0	0	ug/L
Q3108-01	MW2	WATER	Octadecanoic acid	*	9.400	J	0	0	ug/L
Q3108-01	MW2	WATER	o-Cymene	*	46.800	J	0	0	ug/L
Q3108-01	MW2	WATER	unknown5.802	*	75.100	J	0	0	ug/L
Q3108-01	MW2	WATER	2,4-Dimethylphenol	*	3.600	J	1.9	5	ug/L
Q3108-01	MW2	WATER	1-Methylnaphthalene	*	3.200	J	0.66	5	ug/L
			Total Tics :		**589.70**				
			Total Concentration:		**593.00**				

SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025796.D	1	09/17/25 09:05	09/19/25 13:01	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	UQ	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	3.30	J	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	UQ	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025796.D	1	09/17/25 09:05	09/19/25 13:01	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	93.0		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.5		52 - 132	90%	SPK: 100
1718-51-0	Terphenyl-d14	84.2		42 - 152	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.749			
1146-65-2	Naphthalene-d8	650000	10.519			
15067-26-2	Acenaphthene-d10	426000	14.372			
1517-22-2	Phenanthrene-d10	855000	17.178			
1719-03-5	Chrysene-d12	903000	21.624			
1520-96-3	Perylene-d12	965000	24.983			

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Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025796.D	1	09/17/25 09:05	09/19/25 13:01	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
000108-38-3	Benzene, 1,3-dimethyl-	110	J		5.46	ug/L
	unknown5.802	75.1	J		5.80	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	11.7	J		6.86	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	75.2	J		7.15	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	20.2	J		7.41	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	74.0	J		7.87	ug/L
000496-11-7	Indane	37.2	J		8.12	ug/L
000135-01-3	Benzene, 1,2-diethyl-	19.0	J		8.24	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	17.3	J		8.38	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	10.9	J		8.54	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.00	J		8.69	ug/L
000527-84-4	o-Cymene	46.8	J		8.84	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	13.0	J		9.36	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	10.1	J		9.42	ug/L
105-67-9	2,4-Dimethylphenol	3.60	J		9.75	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	32.6	J		9.93	ug/L
90-12-0	1-Methylnaphthalene	3.20	J		12.4	ug/L
000057-10-3	n-Hexadecanoic acid	11.4	J		18.1	ug/L
000057-11-4	Octadecanoic acid	9.40	J		19.4	ug/L

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

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3108

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169719BL	PB169719BL	2-Fluorophenol	150	119	79		23	138
		Phenol-d6	150	109	73		10	134
		Nitrobenzene-d5	100	73.4	73		67	132
		2-Fluorobiphenyl	100	75.1	75		52	132
		2,4,6-Tribromophenol	150	111	74		44	137
		Terphenyl-d14	100	71.7	72		42	152
PB169719BS	PB169719BS	2-Fluorophenol	150	116	77		23	138
		Phenol-d6	150	109	73		10	134
		Nitrobenzene-d5	100	69.0	69		67	132
		2-Fluorobiphenyl	100	68.9	69		52	132
		2,4,6-Tribromophenol	150	113	75		44	137
		Terphenyl-d14	100	72.6	73		42	152
PB169719BSD	PB169719BSD	2-Fluorophenol	150	116	78		23	138
		Phenol-d6	150	110	74		10	134
		Nitrobenzene-d5	100	69.8	70		67	132
		2-Fluorobiphenyl	100	69.9	70		52	132
		2,4,6-Tribromophenol	150	113	76		44	137
		Terphenyl-d14	100	72.7	73		42	152
Q3108-01	MW2	2-Fluorophenol	150	74.4	50		23	138
		Phenol-d6	150	42.9	29		10	134
		Nitrobenzene-d5	100	93.0	93		67	132
		2-Fluorobiphenyl	100	89.5	90		52	132
		2,4,6-Tribromophenol	150	146	97		44	137
		Terphenyl-d14	100	84.2	84		42	152

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025774.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169719BS	Benzaldehyde	50	29.4	ug/L	59				10	162	
	bis(2-Chloroethyl)ether	50	37.3	ug/L	75				62	103	
	2,2-oxybis(1-Chloropropane)	50	36.9	ug/L	74				65	100	
	Acetophenone	50	40.6	ug/L	81				60	104	
	N-Nitroso-di-n-propylamine	50	35.8	ug/L	72				57	107	
	Hexachloroethane	50	37.0	ug/L	74		*		76	118	
	Nitrobenzene	50	38.1	ug/L	76				58	106	
	Isophorone	50	36.1	ug/L	72				61	102	
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77				58	109	
	Naphthalene	50	37.5	ug/L	75				64	107	
	4-Chloroaniline	50	20.3	ug/L	41				10	85	
	Hexachlorobutadiene	50	38.7	ug/L	77				69	101	
	Caprolactam	50	36.2	ug/L	72				58	128	
	2-Methylnaphthalene	50	37.6	ug/L	75				64	107	
	Hexachlorocyclopentadiene	100	76.0	ug/L	76				36	160	
	1,1-Biphenyl	50	41.6	ug/L	83				72	98	
	2-Chloronaphthalene	50	38.7	ug/L	77				59	106	
	2-Nitroaniline	50	39.6	ug/L	79				73	114	
	Dimethylphthalate	50	38.7	ug/L	77				64	103	
	Acenaphthylene	50	39.2	ug/L	78		*		79	103	
	2,6-Dinitrotoluene	50	40.0	ug/L	80				64	110	
	3-Nitroaniline	50	28.5	ug/L	57				28	100	
	Acenaphthene	50	38.0	ug/L	76				59	113	
	Dibenzofuran	50	38.5	ug/L	77				65	106	
	2,4-Dinitrotoluene	50	40.6	ug/L	81				60	115	
	Diethylphthalate	50	39.3	ug/L	79				63	105	
	4-Chlorophenyl-phenylether	50	38.5	ug/L	77				61	104	
	Fluorene	50	38.3	ug/L	77				64	107	
	4-Nitroaniline	50	39.4	ug/L	79				55	125	
	N-Nitrosodiphenylamine	50	40.0	ug/L	80				61	109	
	4-Bromophenyl-phenylether	50	40.6	ug/L	81				73	103	
	Hexachlorobenzene	50	39.1	ug/L	78				73	106	
	Atrazine	50	40.7	ug/L	81				76	120	
	Phenanthrene	50	39.1	ug/L	78				62	109	
	Anthracene	50	39.5	ug/L	79				65	110	
	Carbazole	50	39.6	ug/L	79				62	106	
	Di-n-butylphthalate	50	40.5	ug/L	81				64	106	
	Fluoranthene	50	38.8	ug/L	78				64	110	
	Pyrene	50	41.5	ug/L	83				71	103	
	Butylbenzylphthalate	50	41.5	ug/L	83				61	105	
	3,3-Dichlorobenzidine	50	27.8	ug/L	56				43	108	
	Chrysene	50	39.8	ug/L	80				61	108	
	bis(2-Ethylhexyl)phthalate	50	41.2	ug/L	82				59	110	
	Di-n-octyl phthalate	50	39.8	ug/L	80				52	139	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025774.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169719BS	Indeno(1,2,3-cd)pyrene	50	42.8	ug/L	86				72	105	
	Dibenz(a,h)anthracene	50	42.3	ug/L	85				78	115	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				72	101	
	1,4-Dioxane	50	31.8	ug/L	64				38	125	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025775.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169719BSD	Benzaldehyde	50	29.8	ug/L	60	1			10	162	20
	bis(2-Chloroethyl)ether	50	38.1	ug/L	76	2			62	103	20
	2,2-oxybis(1-Chloropropane)	50	37.0	ug/L	74	0			65	100	20
	Acetophenone	50	40.8	ug/L	82	0			60	104	20
	N-Nitroso-di-n-propylamine	50	36.4	ug/L	73	2			57	107	20
	Hexachloroethane	50	38.0	ug/L	76	3			76	118	20
	Nitrobenzene	50	38.9	ug/L	78	2			58	106	20
	Isophorone	50	36.9	ug/L	74	2			61	102	20
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77	0			58	109	20
	Naphthalene	50	38.1	ug/L	76	2			64	107	20
	4-Chloroaniline	50	20.1	ug/L	40	1			10	85	20
	Hexachlorobutadiene	50	38.7	ug/L	77	0			69	101	20
	Caprolactam	50	36.6	ug/L	73	1			58	128	20
	2-Methylnaphthalene	50	37.6	ug/L	75	0			64	107	20
	Hexachlorocyclopentadiene	100	76.9	ug/L	77	1			36	160	20
	1,1-Biphenyl	50	41.4	ug/L	83	0			72	98	20
	2-Chloronaphthalene	50	38.8	ug/L	78	0			59	106	20
	2-Nitroaniline	50	40.3	ug/L	81	2			73	114	20
	Dimethylphthalate	50	38.7	ug/L	77	0			64	103	20
	Acenaphthylene	50	39.7	ug/L	79	1			79	103	20
	2,6-Dinitrotoluene	50	39.5	ug/L	79	1			64	110	20
	3-Nitroaniline	50	27.5	ug/L	55	4			28	100	20
	Acenaphthene	50	38.4	ug/L	77	1			59	113	20
	Dibenzofuran	50	38.3	ug/L	77	1			65	106	20
	2,4-Dinitrotoluene	50	40.5	ug/L	81	0			60	115	20
	Diethylphthalate	50	38.9	ug/L	78	1			63	105	20
	4-Chlorophenyl-phenylether	50	37.9	ug/L	76	2			61	104	20
	Fluorene	50	38.1	ug/L	76	1			64	107	20
	4-Nitroaniline	50	39.3	ug/L	79	0			55	125	20
	N-Nitrosodiphenylamine	50	40.0	ug/L	80	0			61	109	20
	4-Bromophenyl-phenylether	50	39.9	ug/L	80	2			73	103	20
	Hexachlorobenzene	50	38.5	ug/L	77	2			73	106	20
	Atrazine	50	39.9	ug/L	80	2			76	120	20
	Phenanthrene	50	39.0	ug/L	78	0			62	109	20
	Anthracene	50	39.1	ug/L	78	1			65	110	20
	Carbazole	50	39.4	ug/L	79	1			62	106	20
	Di-n-butylphthalate	50	39.1	ug/L	78	4			64	106	20
	Fluoranthene	50	39.3	ug/L	79	1			64	110	20
	Pyrene	50	41.3	ug/L	83	0			71	103	20
	Butylbenzylphthalate	50	42.1	ug/L	84	1			61	105	20
	3,3-Dichlorobenzidine	50	27.6	ug/L	55	1			43	108	20
	Chrysene	50	39.5	ug/L	79	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	41.0	ug/L	82	0			59	110	20
	Di-n-octyl phthalate	50	39.2	ug/L	78	2			52	139	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025775.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BSD	Indeno(1,2,3-cd)pyrene	50	42.6	ug/L	85	0			72	105	20
	Dibenz(a,h)anthracene	50	42.6	ug/L	85	1			78	115	20
	1,2,4,5-Tetrachlorobenzene	50	41.4	ug/L	83	0			72	101	20
	1,4-Dioxane	50	32.7	ug/L	65	3			38	125	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169719BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3108

Lab File ID: BP025776.D | Lab Sample ID: PB169719BL

Instrument ID: BNA_P | Date Extracted: 09/17/2025

Matrix: (soil/water) Water | Date Analyzed: 09/17/2025

Level: (low/med) LOW | Time Analyzed: 21:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169719BS	PB169719BS	BP025774.D	09/17/2025
PB169719BSD	PB169719BSD	BP025775.D	09/17/2025
MW2	Q3108-01	BP025796.D	09/19/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: BP025724.D DFTPP Injection Date: 09/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: BP025768.D DFTPP Injection Date: 09/17/2025

Instrument ID: BNA_P DFTPP Injection Time: 11:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	33.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	76.7
443	15.0 - 24.0% of mass 442	14.9 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025769.D	09/17/2025	12:03
PB169719BS	PB169719BS	BP025774.D	09/17/2025	20:35
PB169719BSD	PB169719BSD	BP025775.D	09/17/2025	21:16
PB169719BL	PB169719BL	BP025776.D	09/17/2025	21:56

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: BP025791.D DFTPP Injection Date: 09/19/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	66.8
443	15.0 - 24.0% of mass 442	13 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025792.D	09/19/2025	10:12
MW2	Q3108-01	BP025796.D	09/19/2025	13:01

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3108

Client ID : SSTDCCC040 Date Analyzed: 09/17/2025

Lab File ID: BP025769.D Time Analyzed: 12:03

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	173185	7.755	666754	10.53	429441	14.37
	UPPER LIMIT	346370	8.255	1333510	11.025	858882	14.872
	LOWER LIMIT	86592.5	7.255	333377	10.025	214721	13.872
	EPA SAMPLE NO.						
01	PB169719BL	179386	7.75	669415	10.53	415180	14.37
02	PB169719BS	164300	7.76	643426	10.52	416776	14.37
03	PB169719BSD	164703	7.76	637233	10.53	413759	14.37

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: Alliance

Lab Code: ACE SDG NO.: Q3108

Client ID: SSTDCCC040 Date Analyzed: 09/17/2025

Lab File ID: BP025769.D Time Analyzed: 12:03

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	869670	17.172	945078	21.625	1090690	24.989
	UPPER LIMIT	1739340	17.672	1890160	22.125	2181380	25.489
	LOWER LIMIT	434835	16.672	472539	21.125	545345	24.489
	EPA SAMPLE NO.						
01	PB169719BL	826588	17.17	912511	21.61	985422	24.97
02	PB169719BS	849137	17.17	847157	21.62	873039	24.97
03	PB169719BSD	845328	17.18	850188	21.63	857103	24.98

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3108

Client ID : SSTDCCC040 Date Analyzed: 09/19/2025

Lab File ID: BP025792.D Time Analyzed: 10:12

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	182285	7.749	709982	10.51	456027	14.37
	UPPER LIMIT	364570	8.249	1419960	11.013	912054	14.866
	LOWER LIMIT	91142.5	7.249	354991	10.013	228014	13.866
	EPA SAMPLE NO.						
01	MW2	165881	7.75	650117	10.52	426439	14.37

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: Alliance

Lab Code: ACE SDG NO.: Q3108

Client ID: SSTDCCC040 Date Analyzed: 09/19/2025

Lab File ID: BP025792.D Time Analyzed: 10:12

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	907902	17.172	942075	21.619	1041360	24.971
	UPPER LIMIT	1815800	17.672	1884150	22.119	2082720	25.471
	LOWER LIMIT	453951	16.672	471038	21.119	520680	24.471
	EPA SAMPLE NO.						
01	MW2	855270	17.18	903003	21.62	964980	24.98

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

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

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

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BL	SDG No.:	Q3108
Lab Sample ID:	PB169719BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BL	SDG No.:	Q3108
Lab Sample ID:	PB169719BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	73.4		67 - 132	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.1		52 - 132	75%	SPK: 100
1718-51-0	Terphenyl-d14	71.7		42 - 152	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	179000	7.754			
1146-65-2	Naphthalene-d8	669000	10.525			
15067-26-2	Acenaphthene-d10	415000	14.372			
1517-22-2	Phenanthrene-d10	827000	17.172			
1719-03-5	Chrysene-d12	913000	21.613			
1520-96-3	Perylene-d12	985000	24.971			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	61 Laurel Street			Date Received:	
Client Sample ID:	PB169719BL			SDG No.:	Q3108
Lab Sample ID:	PB169719BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
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
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BS	SDG No.:	Q3108
Lab Sample ID:	PB169719BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	29.4		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.3		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36.9		1.30	5.00	ug/L
98-86-2	Acetophenone	40.6		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	35.8		1.40	2.50	ug/L
67-72-1	Hexachloroethane	37.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	38.1		0.76	5.00	ug/L
78-59-1	Isophorone	36.1		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		0.68	5.00	ug/L
91-20-3	Naphthalene	37.5		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.7		0.54	5.00	ug/L
105-60-2	Caprolactam	36.2		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	37.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.0		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	41.6		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	38.7		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	39.6		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	38.7		0.61	5.00	ug/L
208-96-8	Acenaphthylene	39.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	40.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	28.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	38.0		0.55	5.00	ug/L
132-64-9	Dibenzofuran	38.5		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	40.6		1.20	5.00	ug/L
84-66-2	Diethylphthalate	39.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.5		0.68	5.00	ug/L
86-73-7	Fluorene	38.3		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	39.4		1.50	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BS	SDG No.:	Q3108
Lab Sample ID:	PB169719BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	40.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	39.1		0.52	5.00	ug/L
1912-24-9	Atrazine	40.7		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.1		0.50	5.00	ug/L
120-12-7	Anthracene	39.5		0.61	5.00	ug/L
86-74-8	Carbazole	39.6		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	40.5		1.20	5.00	ug/L
206-44-0	Fluoranthene	38.8		0.82	5.00	ug/L
129-00-0	Pyrene	41.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	41.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.8		0.93	10.0	ug/L
218-01-9	Chrysene	39.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.8		2.30	10.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.3		0.67	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	31.8		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	69.0		67 - 132	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9		52 - 132	69%	SPK: 100
1718-51-0	Terphenyl-d14	72.6		42 - 152	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	164000	7.755			
1146-65-2	Naphthalene-d8	643000	10.519			
15067-26-2	Acenaphthene-d10	417000	14.372			
1517-22-2	Phenanthrene-d10	849000	17.172			
1719-03-5	Chrysene-d12	847000	21.624			
1520-96-3	Perylene-d12	873000	24.971			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	61 Laurel Street			Date Received:	
Client Sample ID:	PB169719BS			SDG No.:	Q3108
Lab Sample ID:	PB169719BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
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
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BSD	SDG No.:	Q3108
Lab Sample ID:	PB169719BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	29.8		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	38.1		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.0		1.30	5.00	ug/L
98-86-2	Acetophenone	40.8		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.4		1.40	2.50	ug/L
67-72-1	Hexachloroethane	38.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	38.9		0.76	5.00	ug/L
78-59-1	Isophorone	36.9		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		0.68	5.00	ug/L
91-20-3	Naphthalene	38.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.1		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.7		0.54	5.00	ug/L
105-60-2	Caprolactam	36.6		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	37.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	41.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	38.8		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	40.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	38.7		0.61	5.00	ug/L
208-96-8	Acenaphthylene	39.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	39.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	27.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	38.4		0.55	5.00	ug/L
132-64-9	Dibenzofuran	38.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	40.5		1.20	5.00	ug/L
84-66-2	Diethylphthalate	38.9		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37.9		0.68	5.00	ug/L
86-73-7	Fluorene	38.1		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	39.3		1.50	5.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BSD	SDG No.:	Q3108
Lab Sample ID:	PB169719BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	39.9		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	38.5		0.52	5.00	ug/L
1912-24-9	Atrazine	39.9		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.0		0.50	5.00	ug/L
120-12-7	Anthracene	39.1		0.61	5.00	ug/L
86-74-8	Carbazole	39.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	39.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	39.3		0.82	5.00	ug/L
129-00-0	Pyrene	41.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	42.1		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.6		0.93	10.0	ug/L
218-01-9	Chrysene	39.5		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.2		2.30	10.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.6		0.67	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.4		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	32.7		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	69.8		67 - 132	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.9		52 - 132	70%	SPK: 100
1718-51-0	Terphenyl-d14	72.7		42 - 152	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	165000	7.755			
1146-65-2	Naphthalene-d8	637000	10.525			
15067-26-2	Acenaphthene-d10	414000	14.372			
1517-22-2	Phenanthrene-d10	845000	17.178			
1719-03-5	Chrysene-d12	850000	21.63			
1520-96-3	Perylene-d12	857000	24.983			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	61 Laurel Street			Date Received:	
Client Sample ID:	PB169719BSD			SDG No.:	Q3108
Lab Sample ID:	PB169719BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
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
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP0257
32.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02
3)		Pyridine		1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23
4)		n-Nitrosodimet...			0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26
5)	S	2-Fluorophenol		1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19
6)		Aniline		1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42
7)	S	Phenol-d6		1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33
8)		2-Chlorophenol		1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28
9)		Benzaldehyde			1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23
10)	C	Phenol		1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59
11)		bis(2-Chloroet...		1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20
12)		1,3-Dichlorobe...		1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87
13)	C	1,4-Dichlorobe...		1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63
14)		1,2-Dichlorobe...		1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64
15)		Benzyl Alcohol			1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49
16)		2,2'-oxybis(1-...		2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47
17)		2-Methylphenol		0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72
18)		Hexachloroethane		0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18
19)	P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)		3+4-Methylphenols			1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19
23)	S	Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43
24)		Nitrobenzene		0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15
25)		Isophorone		0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76
26)	C	2-Nitrophenol		0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86
27)		2,4-Dimethylph...		0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24
28)		bis(2-Chloroet...		0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83
29)	C	2,4-Dichloroph...		0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66
30)		1,2,4-Trichlor...		0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60
31)		Naphthalene		1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41
32)		Benzoic acid			0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62
33)		4-Chloroaniline		0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27
34)	C	Hexachlorobuta...		0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97
35)		Caprolactam			0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52
36)	C	4-Chloro-3-met...		0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72
37)		2-Methylnaphth...		0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47
38)		1-Methylnaphth...		0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33
41)	P	Hexachlorocycl...		0.225	0.326	0.380	0.351	0.347	0.351	0.330	16.40
42)	S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67
43)	C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86
44)		2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43
45)	S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50
46)		1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37
47)		2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96
48)		2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14
49)		Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12
50)		Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95
51)		2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57
52)	C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80
53)		3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91
54)	P	2,4-Dinitrophenol		0.108	0.173	0.209	0.201	0.201	0.209	0.183	21.35
55)		Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39
56)	P	4-Nitrophenol		0.148	0.255	0.307	0.273	0.280	0.288	0.258	22.01
57)		2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27
58)		Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46
59)		2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21
60)		Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98
61)		4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07
62)		4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91
63)		Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.093	0.135	0.151	0.143	0.137	0.139	0.133	15.14
66)	c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88
67)		4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85
68)		Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77
69)		Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54
70)	C	Pentachlorophenol		0.132	0.168	0.179	0.167	0.161	0.163	0.162	9.85
71)		Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96
72)		Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39
73)		Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82
74)		Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00
75)	C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.523	0.537	0.653	0.631	0.578	0.536	0.576	9.47
78)		Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71
79)	S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78
80)		Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02
81)		Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02
82)		3,3'-Dichlorob...		0.425	0.499	0.518	0.488	0.468	0.442	0.473	7.45
83)		Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11
84)		Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31
85)	c	Di-n-octyl pht...		1.315	1.604	1.670	1.531	1.513	1.504	1.523	7.87

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)		Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)		Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90)	C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)		Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)		Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

Instrument ID: BNA_P Calibration Date/Time: 09/17/2025 12:03

Lab File ID: BP025769.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.323		6.7	
Benzaldehyde	0.987	0.805		-18.4	
Phenol-d6	1.648	1.712		3.9	
bis(2-Chloroethyl)ether	1.396	1.387		-0.6	
2,2-oxybis(1-Chloropropane)	2.283	2.159		-5.4	
Acetophenone	0.534	0.569		6.6	
n-Nitroso-di-n-propylamine	1.149	1.140	0.050	-0.8	
Nitrobenzene-d5	0.453	0.476		5.1	
Hexachloroethane	0.602	0.622		3.3	
Nitrobenzene	0.407	0.429		5.4	
Isophorone	0.797	0.808		1.4	
bis(2-Chloroethoxy)methane	0.461	0.479		3.9	
Naphthalene	1.078	1.121		4.0	
4-Chloroaniline	0.449	0.481		7.1	
Hexachlorobutadiene	0.229	0.248		8.3	20.0
Caprolactam	0.122	0.120		-1.6	
2-Methylnaphthalene	0.693	0.712		2.7	
Hexachlorocyclopentadiene	0.330	0.341	0.050	3.3	
2-Fluorobiphenyl	1.502	1.618		7.7	
1,1-Biphenyl	1.468	1.574		7.2	
2-Chloronaphthalene	1.156	1.235		6.8	
2-Nitroaniline	0.385	0.413		7.3	
Dimethylphthalate	1.527	1.567		2.6	
Acenaphthylene	1.915	2.027		5.8	
2,6-Dinitrotoluene	0.324	0.343		5.9	
3-Nitroaniline	0.340	0.368		8.2	
Acenaphthene	1.104	1.149		4.1	20.0
Dibenzofuran	1.800	1.852		2.9	
2,4-Dinitrotoluene	0.460	0.502		9.1	
Diethylphthalate	1.549	1.581		2.1	
4-Chlorophenyl-phenylether	0.721	0.742		2.9	
Fluorene	1.431	1.476		3.1	
4-Nitroaniline	0.349	0.388		11.2	
n-Nitrosodiphenylamine	0.612	0.647		5.7	20.0
2,4,6-Tribromophenol	0.249	0.276		10.8	
4-Bromophenyl-phenylether	0.220	0.239		8.6	
Hexachlorobenzene	0.245	0.263		7.3	
Atrazine	0.234	0.248		6.0	
Phenanthrene	1.135	1.161		2.3	

Form VII SV-1

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

Instrument ID: BNA_P Calibration Date/Time: 09/17/2025 12:03

Lab File ID: BP025769.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.151	1.199		4.2	
Carbazole	1.070	1.109		3.6	
Di-n-butylphthalate	1.313	1.370		4.3	
Fluoranthene	1.361	1.439		5.7	20.0
Pyrene	1.335	1.370		2.6	
Terphenyl-d14	1.112	1.118		0.5	
Butylbenzylphthalate	0.585	0.610		4.3	
3,3-Dichlorobenzidine	0.473	0.529		11.8	
Chrysene	1.305	1.368		4.8	
Bis(2-ethylhexyl)phthalate	0.856	0.891		4.1	
Di-n-octyl phthalate	1.523	1.585		4.1	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.599		10.0	
Dibenzo(a,h)anthracene	1.190	1.306		9.7	
1,2,4,5-Tetrachlorobenzene	0.606	0.677		11.7	
1,4-Dioxane	0.520	0.547		5.2	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

Instrument ID: BNA_P Calibration Date/Time: 09/19/2025 10:12

Lab File ID: BP025792.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.228		-1.0	
Benzaldehyde	0.987	1.065		7.9	
Phenol-d6	1.648	1.562		-5.2	
bis(2-Chloroethyl)ether	1.396	1.332		-4.6	
2,2-oxybis(1-Chloropropane)	2.283	2.240		-1.9	
Acetophenone	0.534	0.523		-2.1	
n-Nitroso-di-n-propylamine	1.149	1.058	0.050	-7.9	
Nitrobenzene-d5	0.453	0.446		-1.5	
Hexachloroethane	0.602	0.587		-2.5	
Nitrobenzene	0.407	0.402		-1.2	
Isophorone	0.797	0.758		-4.9	
bis(2-Chloroethoxy)methane	0.461	0.460		-0.2	
Naphthalene	1.078	1.036		-3.9	
4-Chloroaniline	0.449	0.439		-2.2	
Hexachlorobutadiene	0.229	0.218		-4.8	20.0
Caprolactam	0.122	0.108		-11.5	
2-Methylnaphthalene	0.693	0.653		-5.8	
Hexachlorocyclopentadiene	0.330	0.324	0.050	-1.8	
2-Fluorobiphenyl	1.502	1.472		-2.0	
1,1-Biphenyl	1.468	1.478		0.7	
2-Chloronaphthalene	1.156	1.140		-1.4	
2-Nitroaniline	0.385	0.388		0.8	
Dimethylphthalate	1.527	1.459		-4.5	
Acenaphthylene	1.915	1.848		-3.5	
2,6-Dinitrotoluene	0.324	0.327		0.9	
3-Nitroaniline	0.340	0.339		-0.3	
Acenaphthene	1.104	1.057		-4.3	20.0
Dibenzofuran	1.800	1.711		-4.9	
2,4-Dinitrotoluene	0.460	0.457		-0.7	
Diethylphthalate	1.549	1.476		-4.7	
4-Chlorophenyl-phenylether	0.721	0.669		-7.2	
Fluorene	1.431	1.343		-6.2	
4-Nitroaniline	0.349	0.351		0.6	
n-Nitrosodiphenylamine	0.612	0.616		0.7	20.0
2,4,6-Tribromophenol	0.249	0.234		-6.0	
4-Bromophenyl-phenylether	0.220	0.220		0.0	
Hexachlorobenzene	0.245	0.236		-3.7	
Atrazine	0.234	0.230		-1.7	
Phenanthrene	1.135	1.108		-2.4	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

Instrument ID: BNA_P Calibration Date/Time: 09/19/2025 10:12

Lab File ID: BP025792.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.151	1.139		-1.0	
Carbazole	1.070	1.053		-1.6	
Di-n-butylphthalate	1.313	1.304		-0.7	
Fluoranthene	1.361	1.339		-1.6	20.0
Pyrene	1.335	1.325		-0.7	
Terphenyl-d14	1.112	1.080		-2.9	
Butylbenzylphthalate	0.585	0.598		2.2	
3,3-Dichlorobenzidine	0.473	0.476		0.6	
Chrysene	1.305	1.279		-2.0	
Bis(2-ethylhexyl)phthalate	0.856	0.864		0.9	
Di-n-octyl phthalate	1.523	1.524		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.449		-0.3	
Dibenzo(a,h)anthracene	1.190	1.182		-0.7	
1,2,4,5-Tetrachlorobenzene	0.606	0.607		0.2	
1,4-Dioxane	0.520	0.520		0.0	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Time: Sep 19 13:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

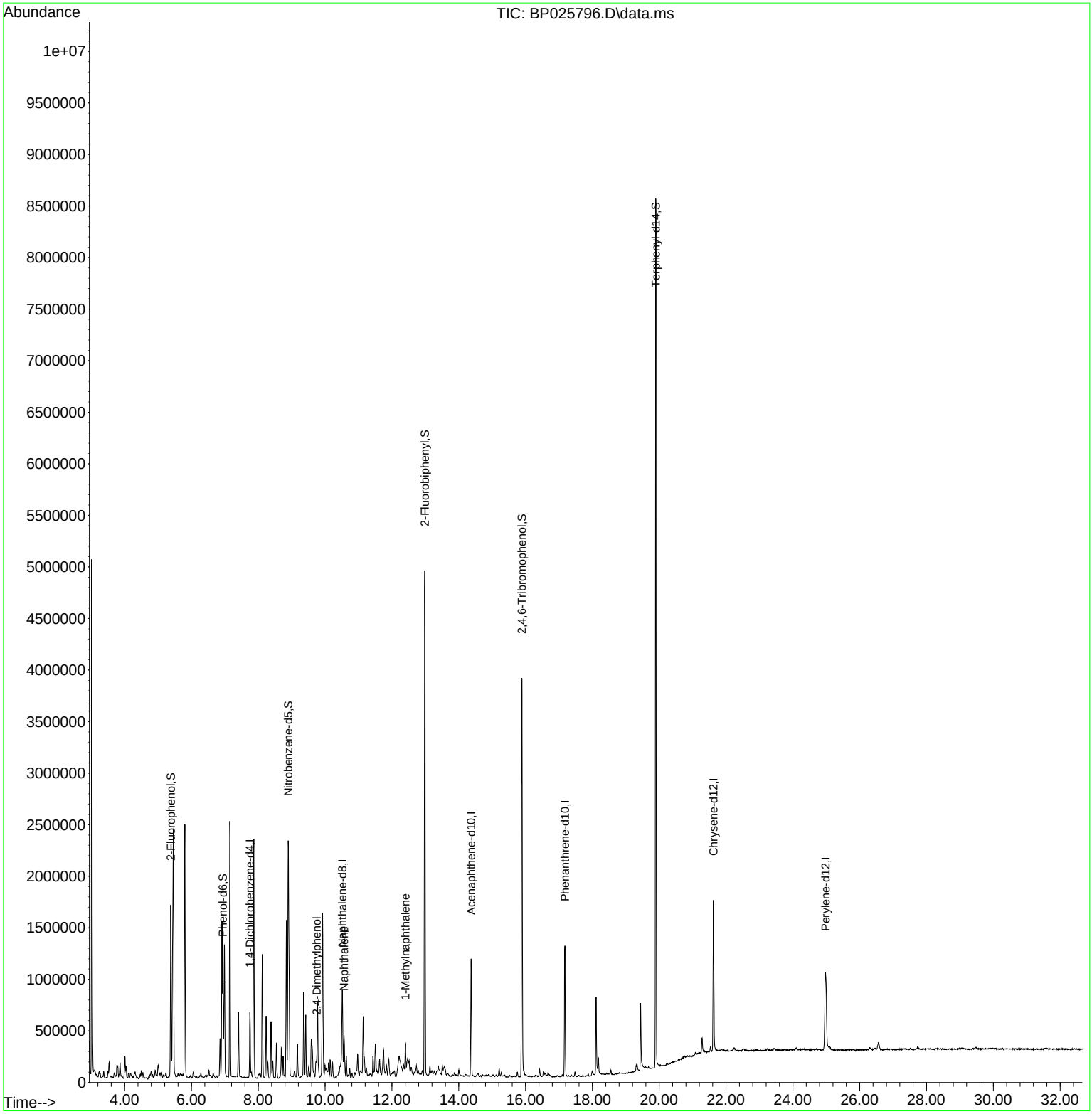
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	165881	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	650117	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	426439	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	855270	20.000	ng	0.00
76) Chrysene-d12	21.624	240	903003	20.000	ng	-0.02
86) Perylene-d12	24.983	264	964980	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	764877	74.401	ng	0.00
7) Phenol-d6	6.943	99	586055	42.888	ng	0.00
23) Nitrobenzene-d5	8.896	82	1370645	92.999	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	774413	145.594	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2867026	89.520	ng	0.00
79) Terphenyl-d14	19.895	244	4227832	84.228	ng	-0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.749	122	37354	3.627	ng	# 89
31) Naphthalene	10.566	128	116338	3.319	ng	# 87
38) 1-Methylnaphthalene	12.401	142	76940	3.205	ng	# 98

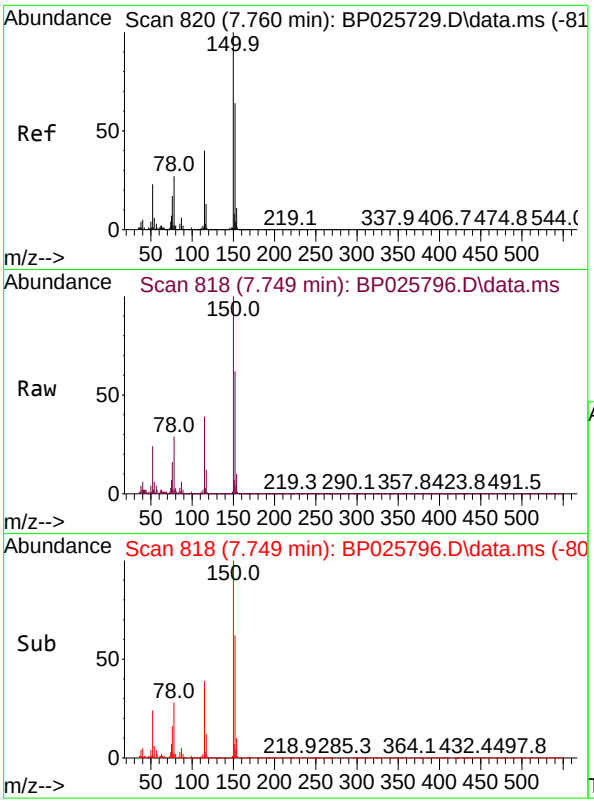
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Time: Sep 19 13:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



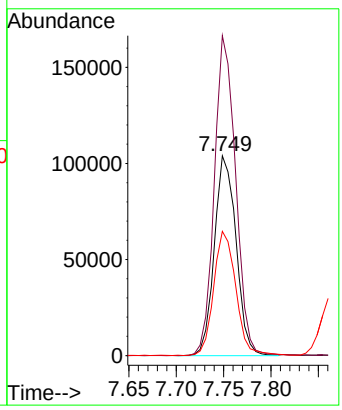


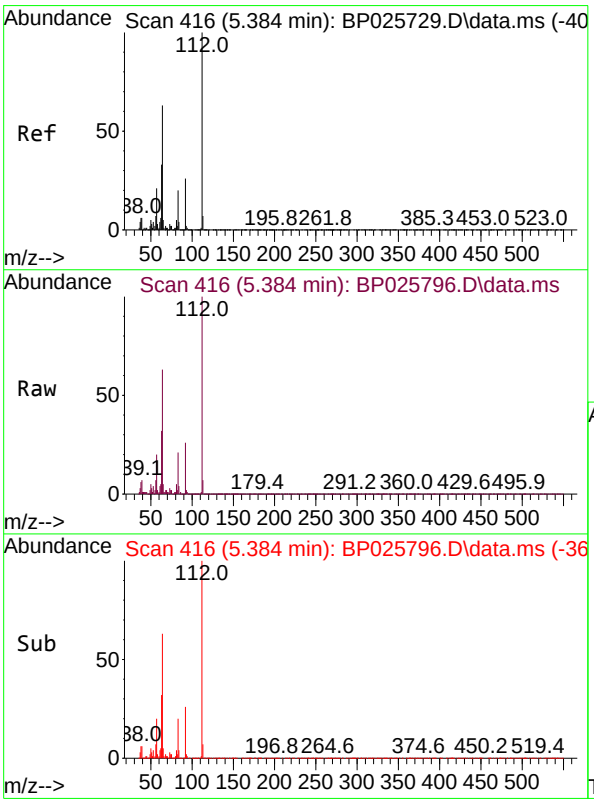
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:152 Resp: 165881

Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.3	186.5
115	62.2	50.3	75.5

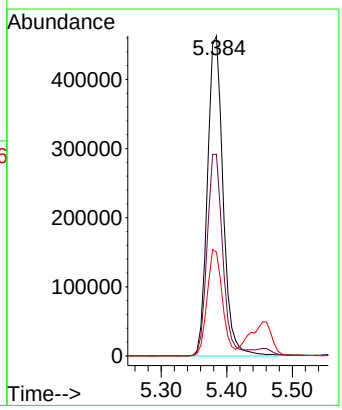


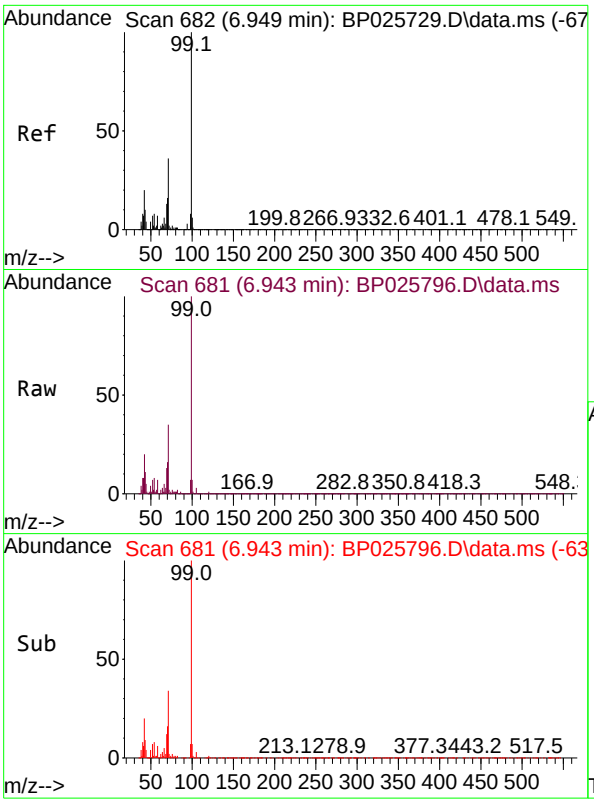


#5
2-Fluorophenol
Concen: 74.401 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:112 Resp: 764877

Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.2	75.4
63	32.4	26.7	40.1



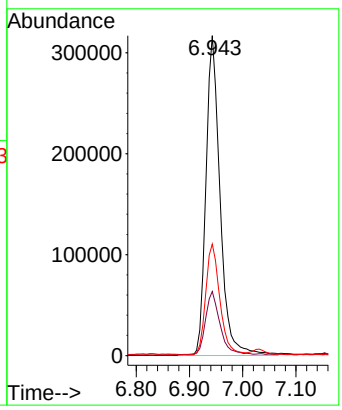


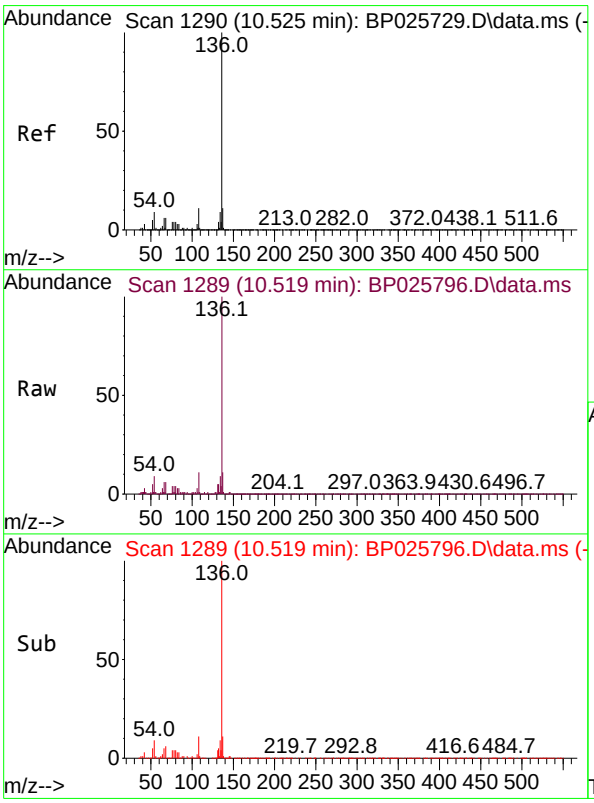
#7
Phenol-d6
Concen: 42.888 ng
RT: 6.943 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion: 99 Resp: 586055

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	34.9	28.6	43.0

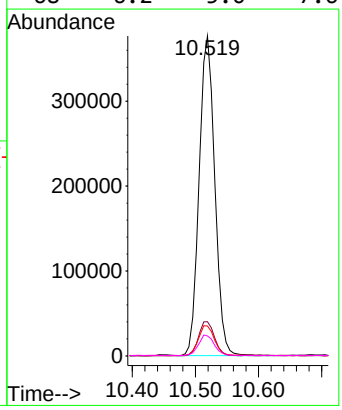


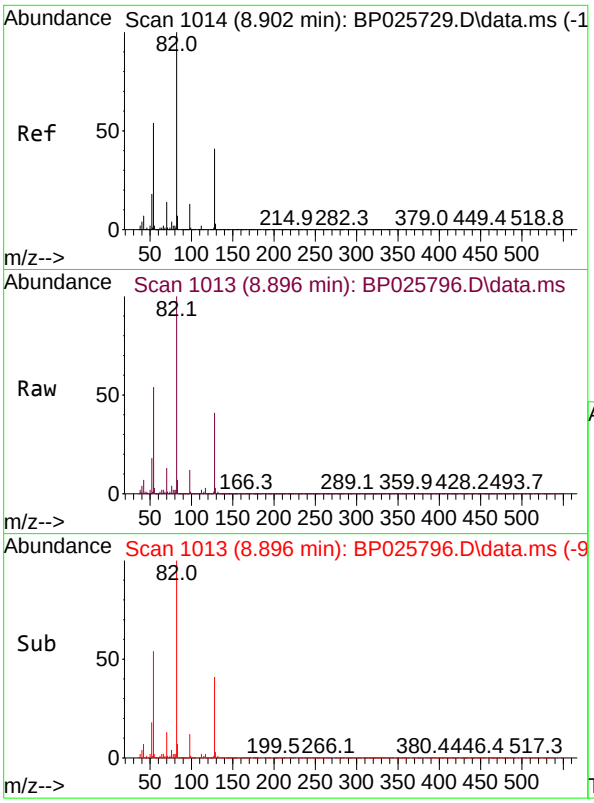


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:136 Resp: 650117

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.3	7.5	11.3
68	6.2	5.0	7.6



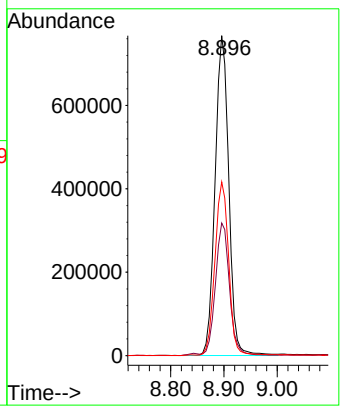


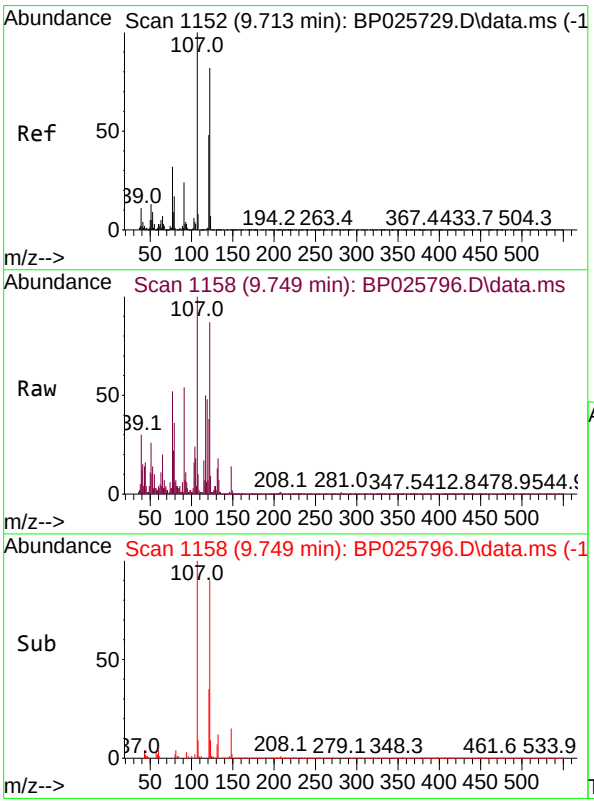
#23
Nitrobenzene-d5
Concen: 92.999 ng
RT: 8.896 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion: 82 Resp: 1370645

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.9	49.3
54	54.3	43.4	65.2

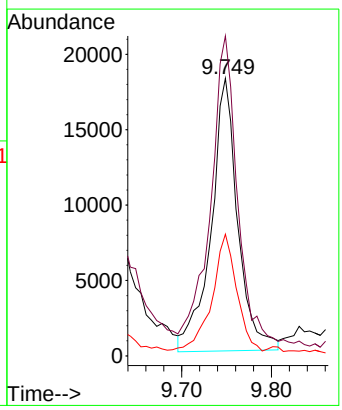


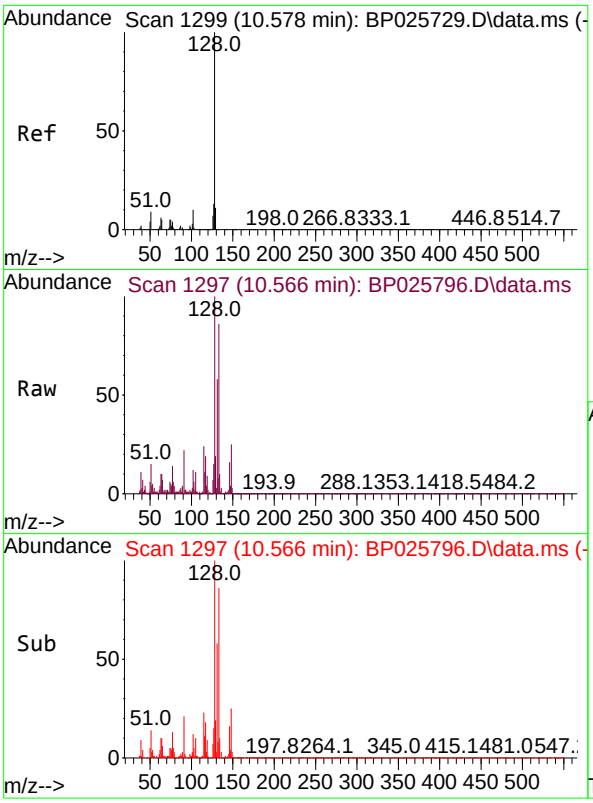


#27
2,4-Dimethylphenol
Concen: 3.627 ng
RT: 9.749 min Scan# 1158
Delta R.T. 0.035 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:122 Resp: 37354

Ion	Ratio	Lower	Upper
122	100		
107	115.3	97.9	146.9
121	43.8	47.4	71.0#



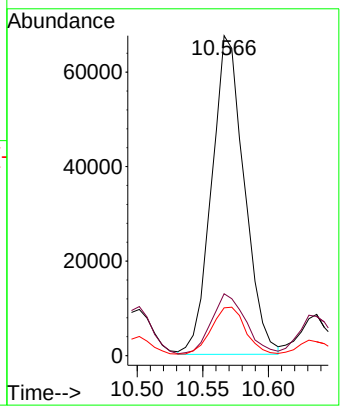


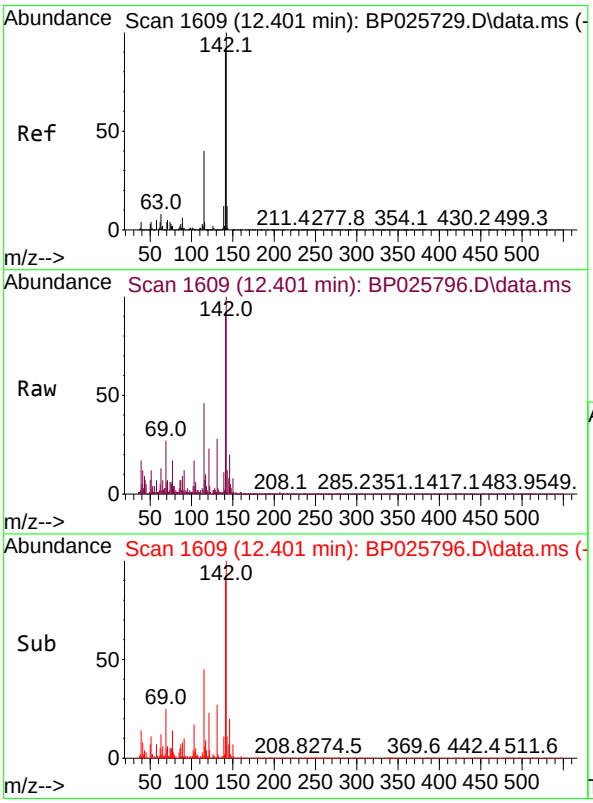
#31
Naphthalene
Concen: 3.319 ng
RT: 10.566 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:128 Resp: 116338

Ion	Ratio	Lower	Upper
128	100		
129	19.4	8.6	12.8#
127	14.9	10.2	15.4

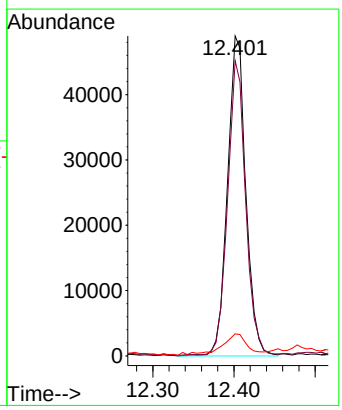


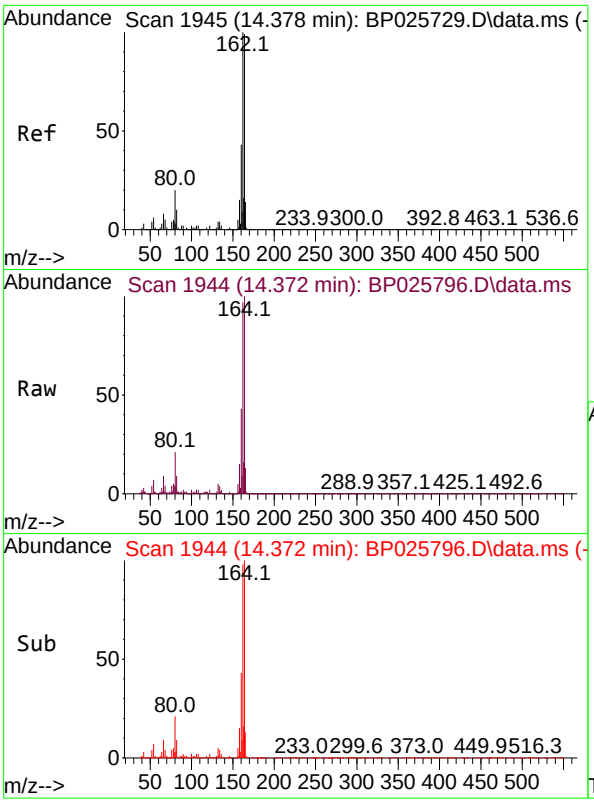


#38
1-Methylnaphthalene
Concen: 3.205 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:142 Resp: 76940

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.7	109.1
116	6.9	3.5	5.3#



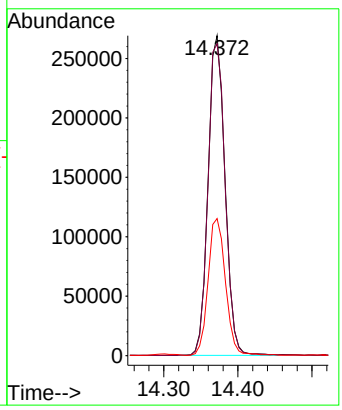


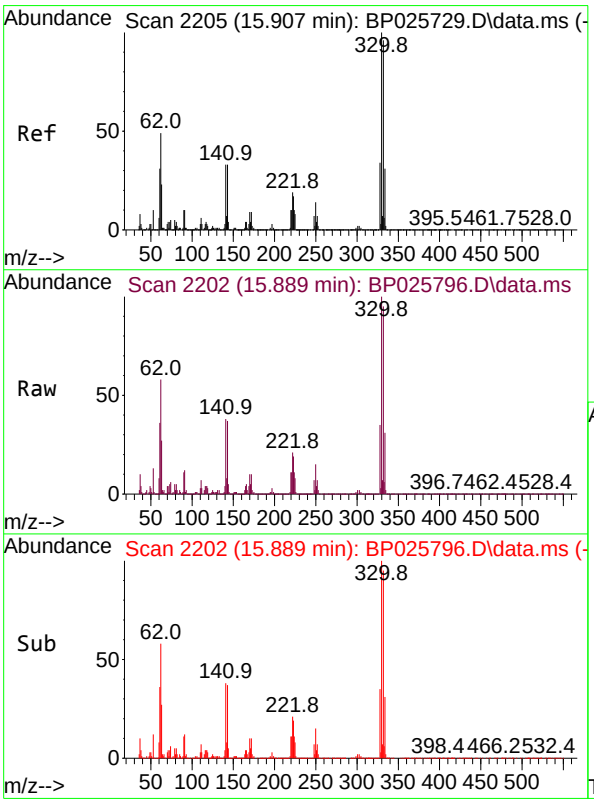
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:164 Resp: 426439

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.6	120.8
160	42.8	35.0	52.6

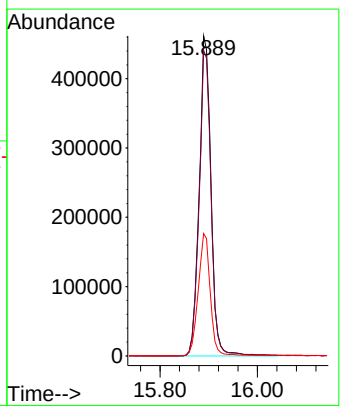


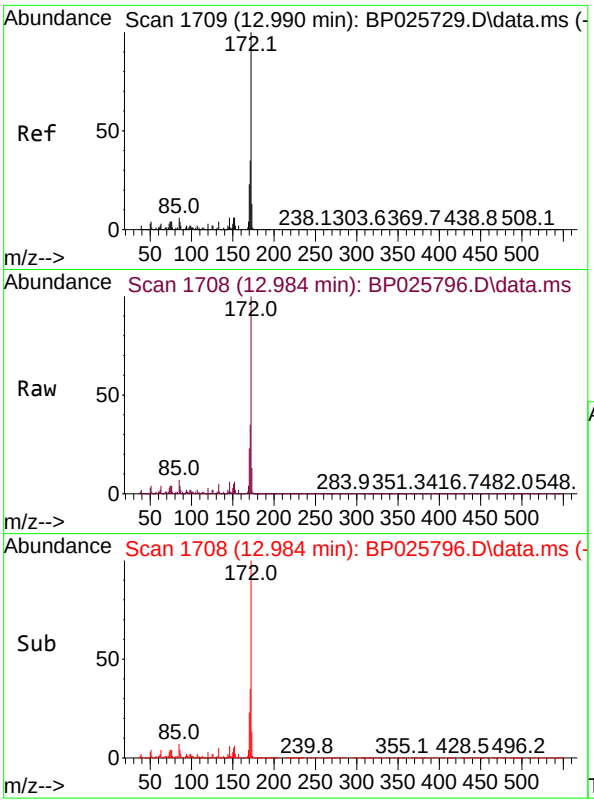


#42
2,4,6-Tribromophenol
Concen: 145.594 ng
RT: 15.889 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:330 Resp: 774413

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	38.9	31.0	46.4



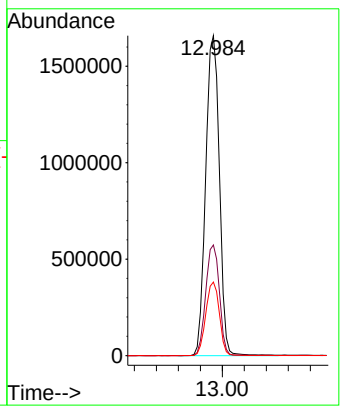


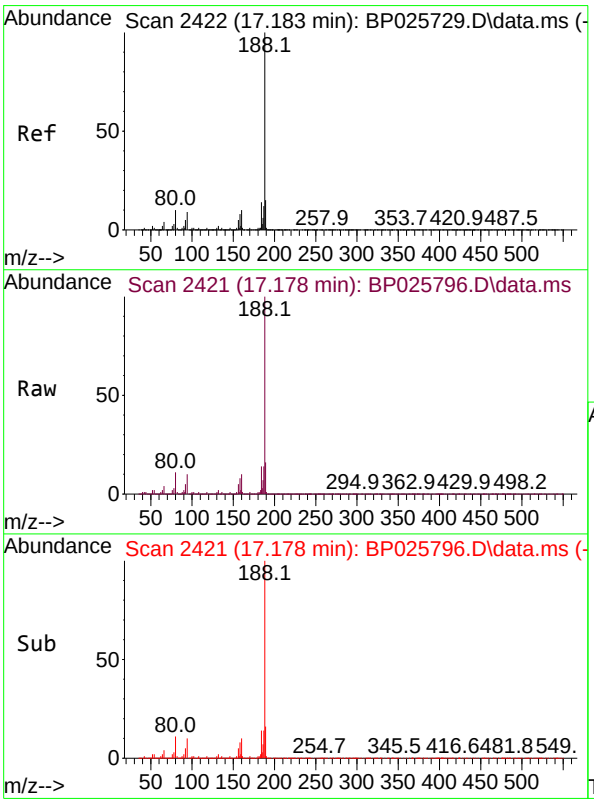
#45
2-Fluorobiphenyl
Concen: 89.520 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:172 Resp: 2867026

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.0	18.6	27.8

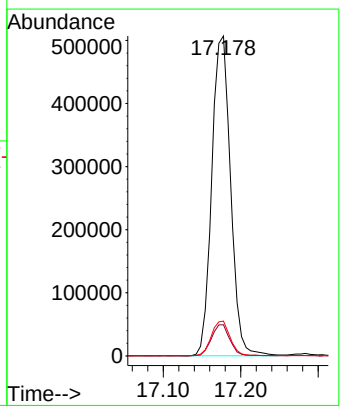


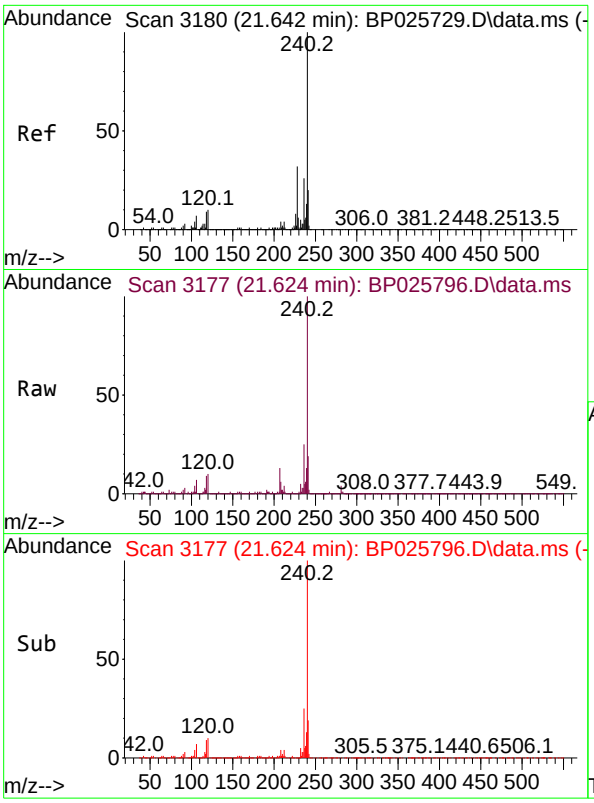


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:188 Resp: 855270

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.0
80	10.9	7.7	11.5



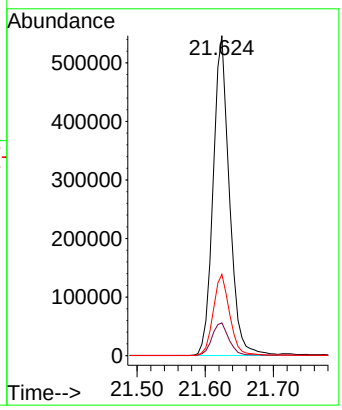


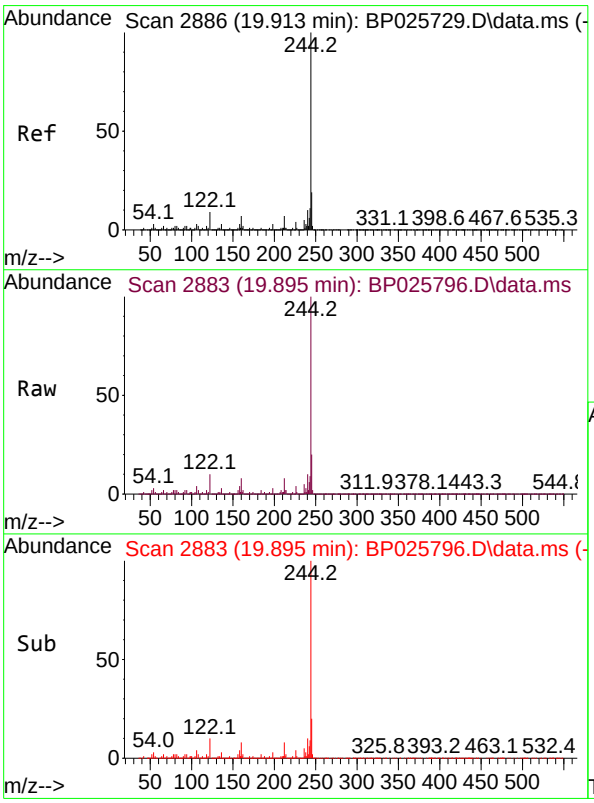
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:240 Resp: 903003

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.0	12.0
236	25.4	20.7	31.1

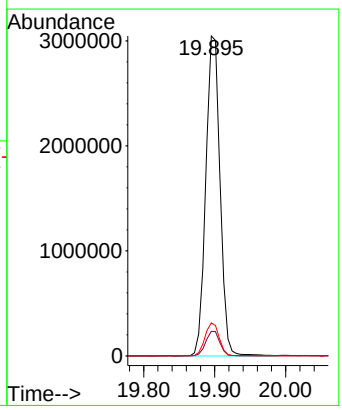


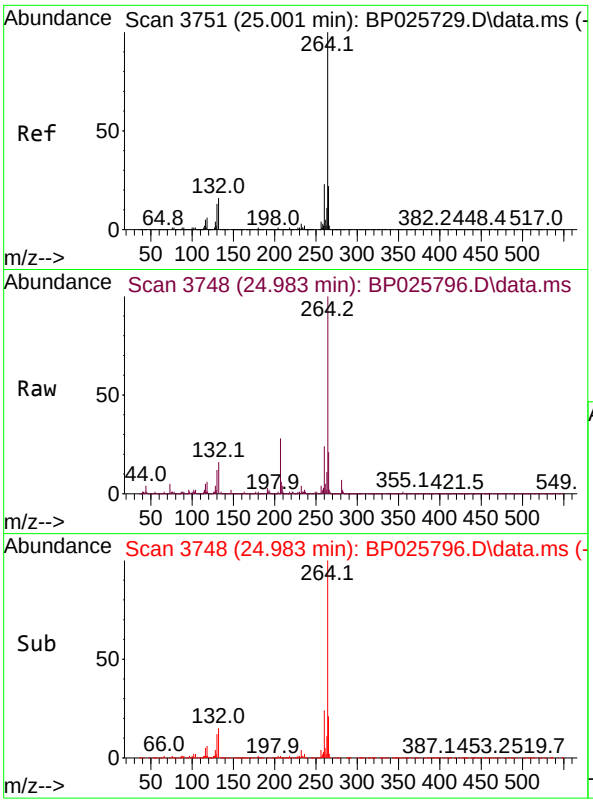


#79
Terphenyl-d14
Concen: 84.228 ng
RT: 19.895 min Scan# 2883
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:244 Resp: 4227832

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.3	7.1	10.7



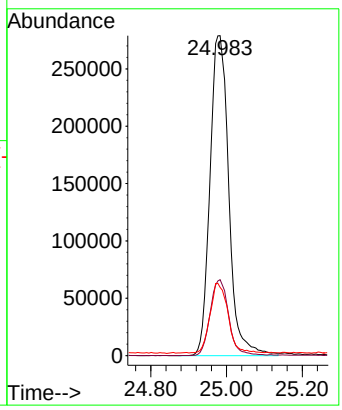


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:264 Resp: 964980

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.4	17.3	25.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025796.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	22	rBV	4988739	7086480	60.81%	6.482%
2	3.537	98	102	111	rVB3	145646	256258	2.20%	0.234%
3	3.772	137	142	144	rBV	106522	167160	1.43%	0.153%
4	3.867	150	158	164	rBV2	130542	218204	1.87%	0.200%
5	4.008	174	182	186	rBV2	218204	401022	3.44%	0.367%
6	4.043	186	188	193	rVB	108887	145838	1.25%	0.133%
7	4.178	205	211	220	rBV7	45615	121020	1.04%	0.111%
8	4.314	226	234	242	rVB6	60066	180499	1.55%	0.165%
9	4.914	327	336	341	rBV3	68444	140454	1.21%	0.128%
10	5.002	346	351	358	rBV5	105898	235209	2.02%	0.215%
11	5.384	406	416	420	rBV	1673137	2749873	23.60%	2.515%
12	5.455	420	428	442	rVB	2393736	5520311	47.37%	5.049%
13	5.802	480	487	498	rVB	2449585	3823977	32.81%	3.498%
14	6.055	523	530	543	rVB3	60320	165865	1.42%	0.152%
15	6.855	654	666	670	rBV	377576	597205	5.12%	0.546%
16	6.913	670	676	679	rVV	1511606	2554288	21.92%	2.336%
17	6.943	679	681	685	rVV	930088	1387270	11.90%	1.269%
18	6.984	685	688	700	rVB	1279816	2071752	17.78%	1.895%
19	7.149	709	716	726	rBV	2482059	3830822	32.87%	3.504%
20	7.408	753	760	767	rBV	628766	1028049	8.82%	0.940%
21	7.749	811	818	824	rBV	635933	1018808	8.74%	0.932%
22	7.866	831	838	849	rVB	2316816	3770556	32.35%	3.449%
23	8.025	854	865	868	rBV3	41829	121625	1.04%	0.111%
24	8.119	875	881	891	rVB	1196946	1894321	16.25%	1.733%
25	8.237	892	901	905	rVV	599893	969062	8.32%	0.886%
26	8.284	905	909	916	rVB2	155029	268318	2.30%	0.245%
27	8.384	919	926	931	rBV	549554	881504	7.56%	0.806%
28	8.431	931	934	941	rVB	165795	258609	2.22%	0.237%
29	8.543	948	953	963	rVB	344238	555593	4.77%	0.508%
30	8.690	971	978	983	rBV	282272	459590	3.94%	0.420%
31	8.743	983	987	992	rVB	193261	281158	2.41%	0.257%
32	8.843	997	1004	1008	rBV	1523023	2384293	20.46%	2.181%
33	8.896	1008	1013	1030	rVB2	2287784	5470952	46.94%	5.004%
34	9.078	1039	1044	1053	rVV4	53534	122118	1.05%	0.112%
35	9.172	1053	1060	1073	rVB	328240	627121	5.38%	0.574%
36	9.360	1086	1092	1097	rBV	801027	1185911	10.18%	1.085%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.419	1097	1102	1109	rVB	599562	920831	7.90%	0.842%
38	9.507	1112	1117	1125	rBV2	90794	189239	1.62%	0.173%
39	9.590	1125	1131	1134	rBV	369361	748142	6.42%	0.684%
40	9.725	1148	1154	1156	rBV3	148812	253281	2.17%	0.232%
41	9.772	1157	1162	1174	rVB	734544	1361697	11.68%	1.246%
42	9.925	1176	1188	1196	rBV2	1588044	2978537	25.56%	2.724%
43	9.996	1196	1200	1204	rBV	93262	157959	1.36%	0.144%
44	10.107	1215	1219	1223	rVB3	116963	162586	1.40%	0.149%
45	10.149	1223	1226	1233	rVV	159986	258495	2.22%	0.236%
46	10.225	1233	1239	1249	rVB	150100	272039	2.33%	0.249%
47	10.449	1272	1277	1279	rBV3	67689	123212	1.06%	0.113%
48	10.513	1279	1288	1293	rVV2	814794	1828520	15.69%	1.673%
49	10.566	1293	1297	1304	rVV3	389543	788824	6.77%	0.722%
50	10.637	1304	1309	1315	rVB	192927	314981	2.70%	0.288%
51	10.737	1322	1326	1332	rVB	98105	144064	1.24%	0.132%
52	10.972	1355	1366	1375	rVV	221740	571299	4.90%	0.523%
53	11.054	1375	1380	1385	rVV7	56443	156144	1.34%	0.143%
54	11.143	1389	1395	1406	rVV2	579530	1349761	11.58%	1.235%
55	11.231	1406	1410	1417	rVB6	76877	159916	1.37%	0.146%
56	11.431	1439	1444	1449	rBV	195688	327307	2.81%	0.299%
57	11.501	1451	1456	1463	rVV2	274293	538521	4.62%	0.493%
58	11.631	1472	1478	1488	rVB2	151321	307021	2.63%	0.281%
59	11.748	1488	1498	1506	rVV4	244619	633611	5.44%	0.580%
60	11.843	1506	1514	1518	rVV4	94314	196772	1.69%	0.180%
61	11.907	1518	1525	1533	rVB4	160034	369154	3.17%	0.338%
62	12.072	1548	1553	1561	rVB6	59574	140504	1.21%	0.129%
63	12.219	1561	1578	1595	rBV5	201850	1288409	11.06%	1.178%
64	12.407	1604	1610	1614	rBV2	240790	388436	3.33%	0.355%
65	12.478	1614	1622	1626	rBV5	92625	233807	2.01%	0.214%
66	12.572	1635	1638	1649	rVB5	74995	190987	1.64%	0.175%
67	12.731	1658	1665	1670	rVB3	73172	138675	1.19%	0.127%
68	12.984	1701	1708	1721	rVB	4897123	8360127	71.73%	7.647%
69	13.137	1727	1734	1739	rBV	92460	188498	1.62%	0.172%
70	13.507	1792	1797	1801	rBV4	94963	163988	1.41%	0.150%
71	14.372	1935	1944	1952	rBV	1142065	1855822	15.92%	1.697%
72	15.207	2079	2086	2093	rBV2	78959	158910	1.36%	0.145%
73	15.889	2193	2202	2217	rBV	3866092	6629413	56.88%	6.064%
74	16.419	2287	2292	2304	rVB	71261	120324	1.03%	0.110%
75	17.178	2413	2421	2432	rBV2	1268298	2134180	18.31%	1.952%
76	18.113	2574	2580	2587	rBV	750988	1211275	10.39%	1.108%

Sample Results: **BP025796.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.178	2588	2591	2607	rVB	158619	283525	2.43%	0.259%
78	19.442	2801	2806	2817	rBV	653862	1133559	9.73%	1.037%
79	19.895	2878	2883	2902	rBV	8417885	11654340	100.00%	10.660%
80	21.283	3115	3119	3128	rVB3	135141	248007	2.13%	0.227%
81	21.624	3171	3177	3192	rVB	1455658	2412172	20.70%	2.206%
82	24.977	3739	3747	3764	rVB2	721904	2328915	19.98%	2.130%

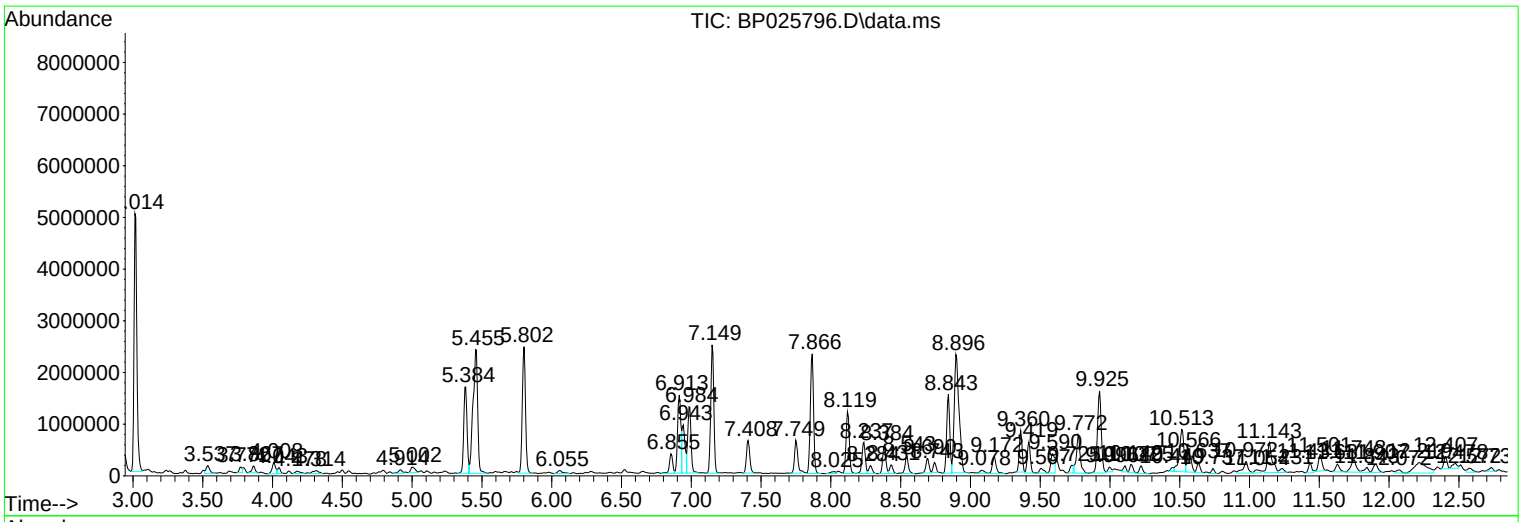
Sum of corrected areas: 109326881

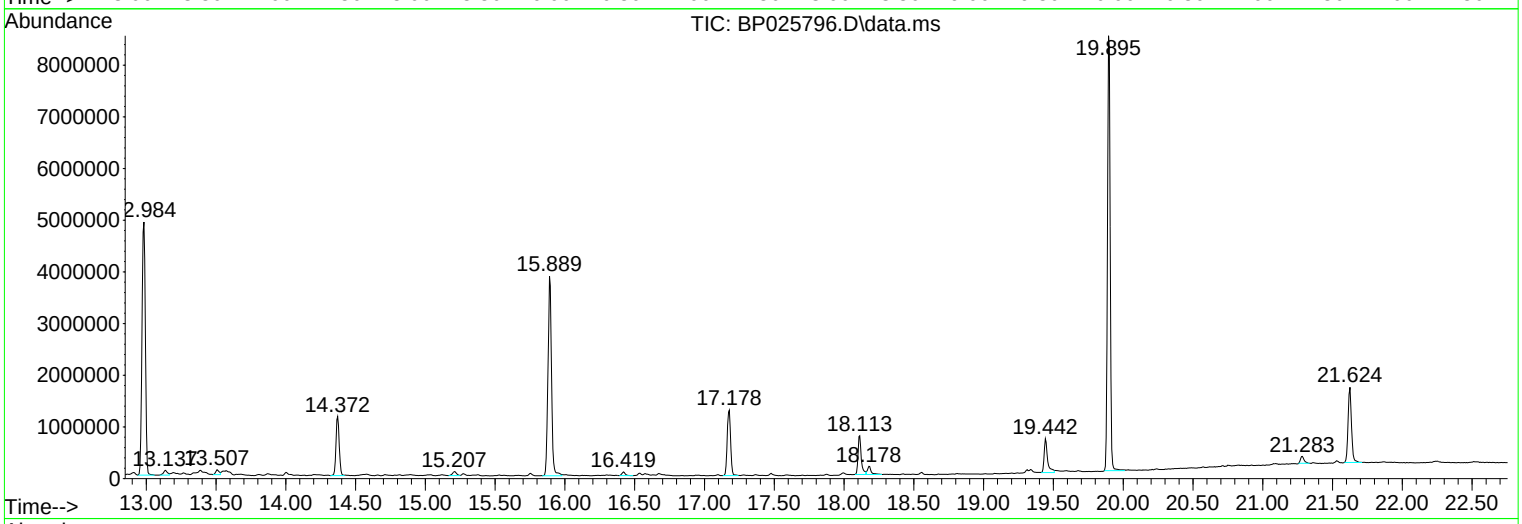
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

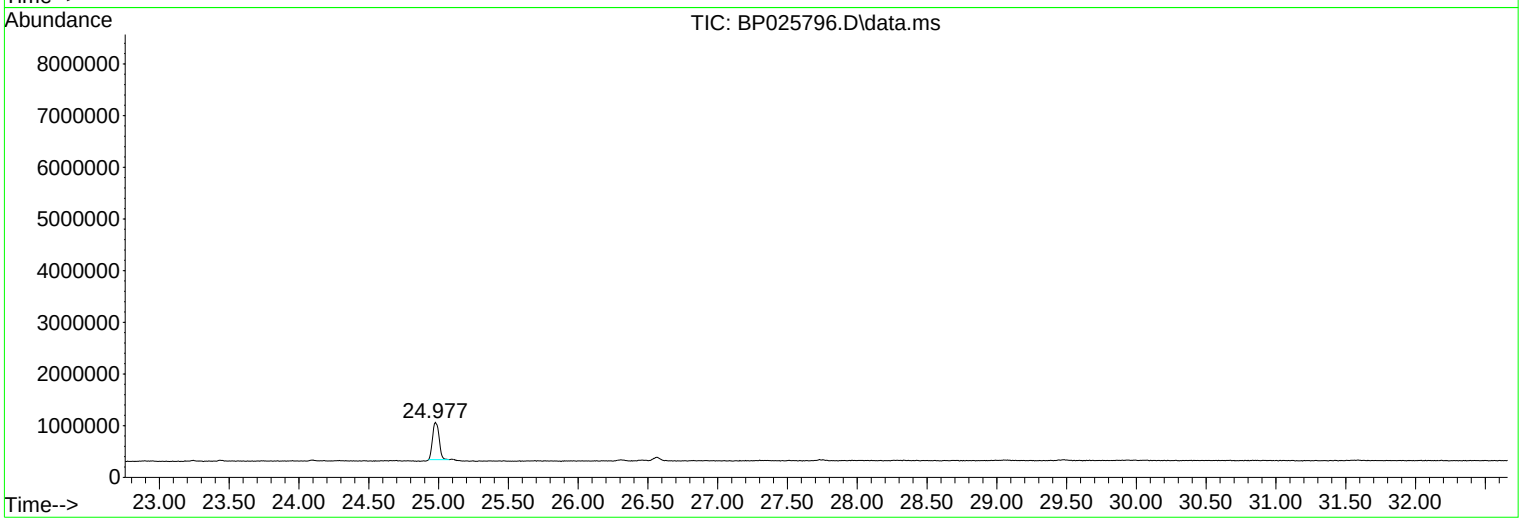
Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

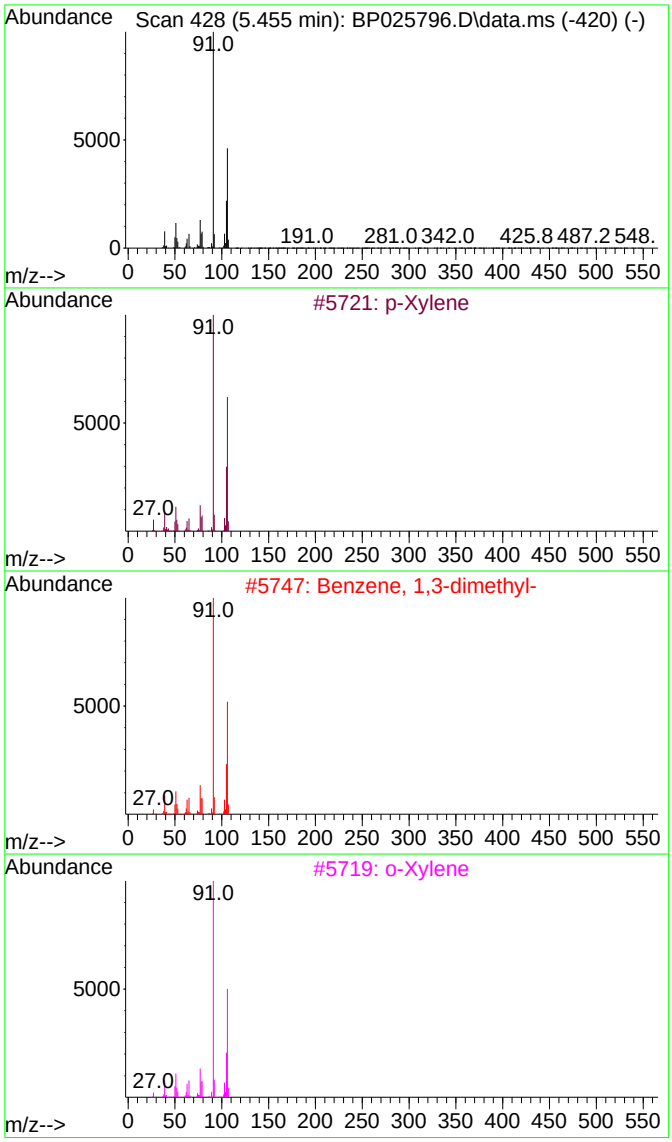
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

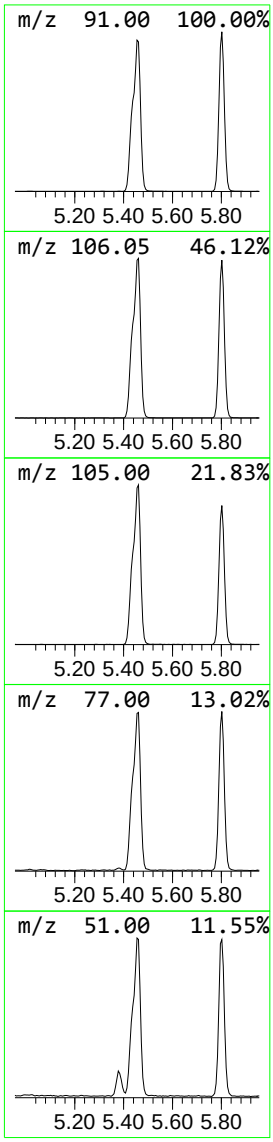
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.455	108.37 ng	5520310	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	83





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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On    : 19 Sep 2025  13:01
Operator  : CG/JU
Sample    : Q3108-01
Misc      :
ALS Vial  : 6   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

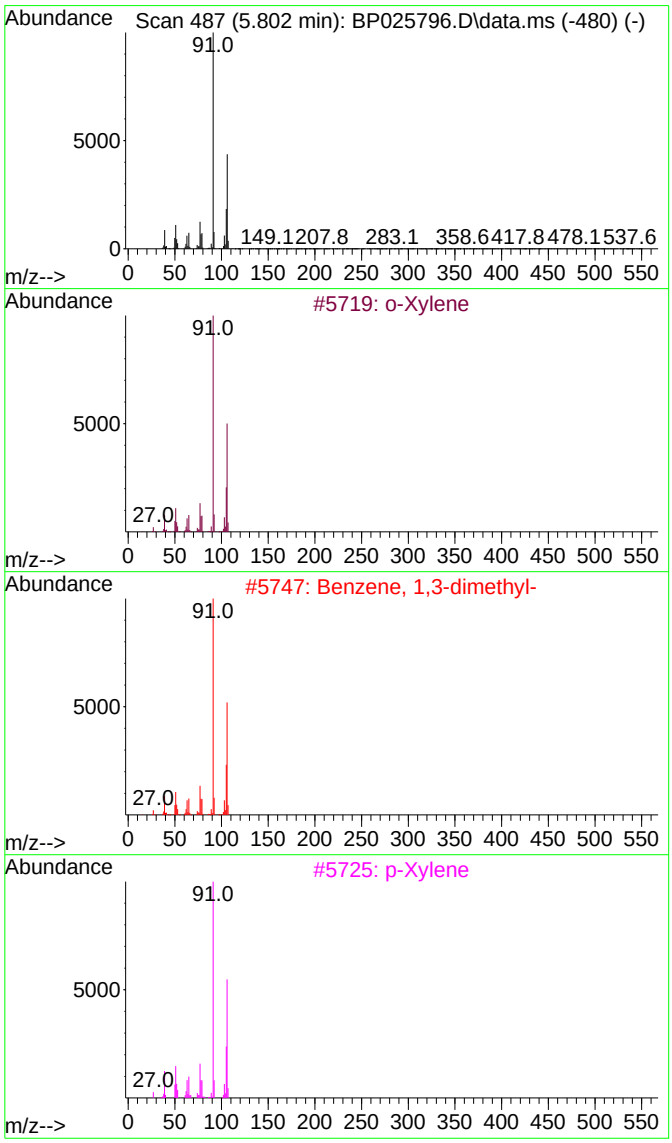
Instrument :
BNA_P
ClientSampleId :
MW2

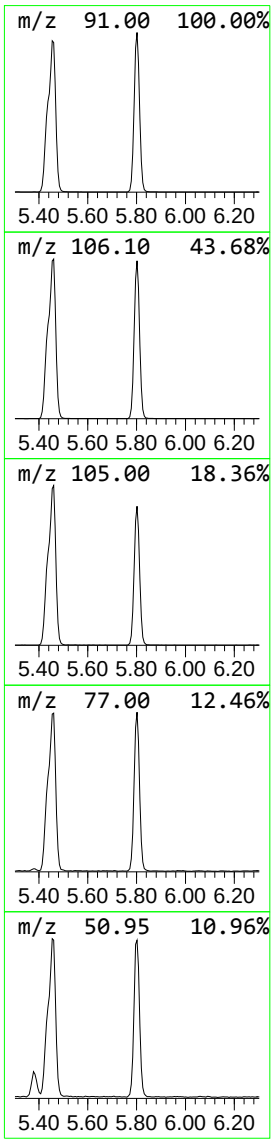
****

Peak Number 3 unknown5.802 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.802	75.07 ng	3823980	1,4-Dichlorobenzene-d4	7.749

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

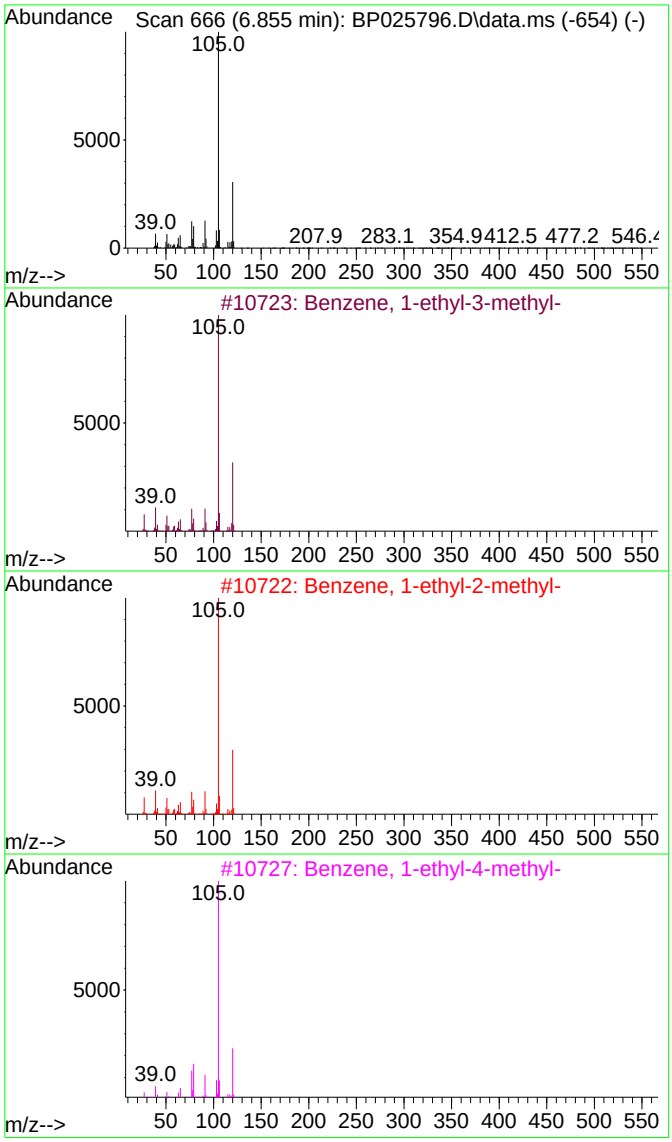
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

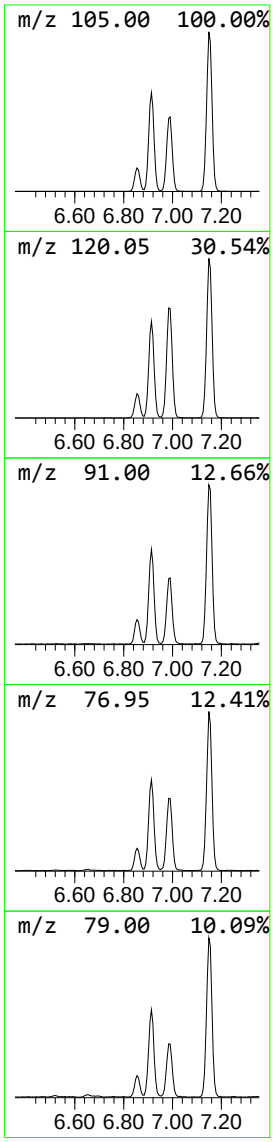
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.855	11.72 ng	597205	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

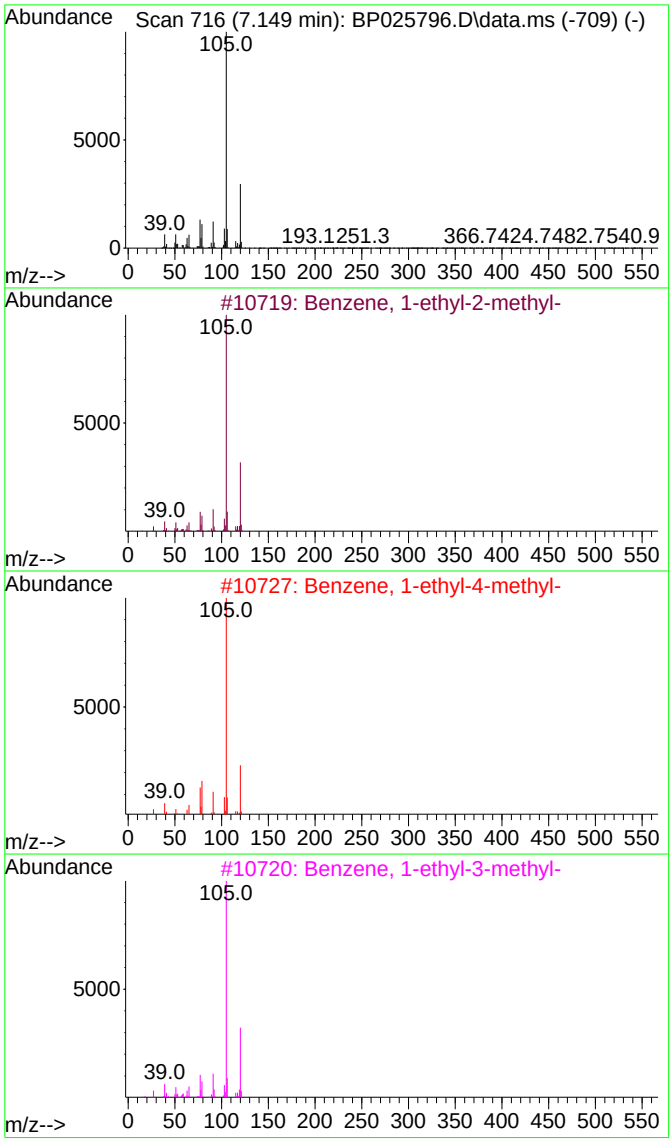
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

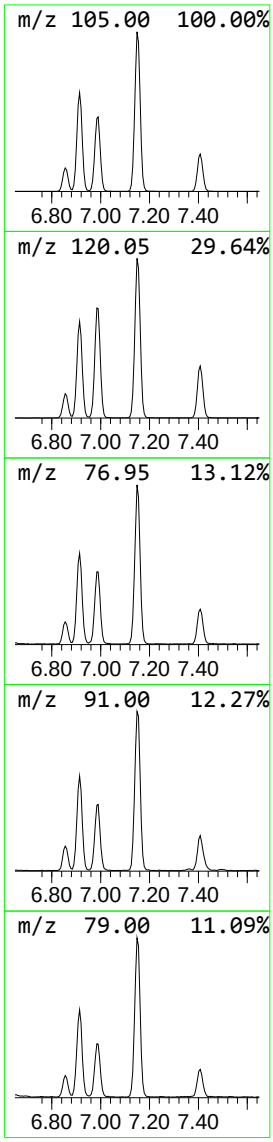
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.149	75.20 ng	3830820	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

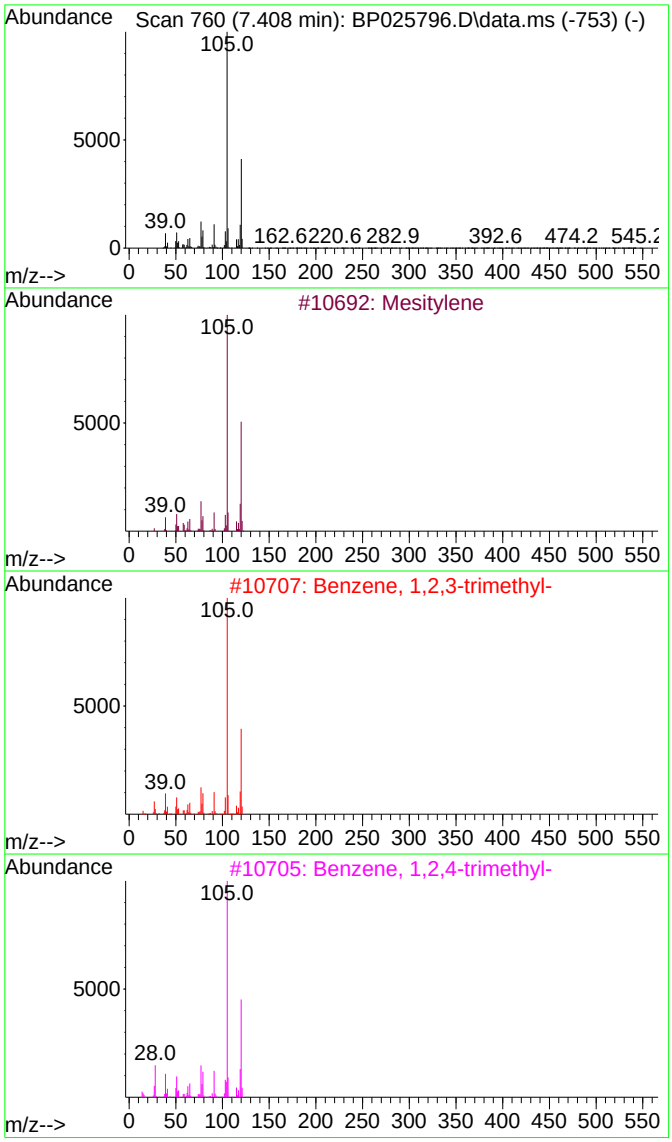
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

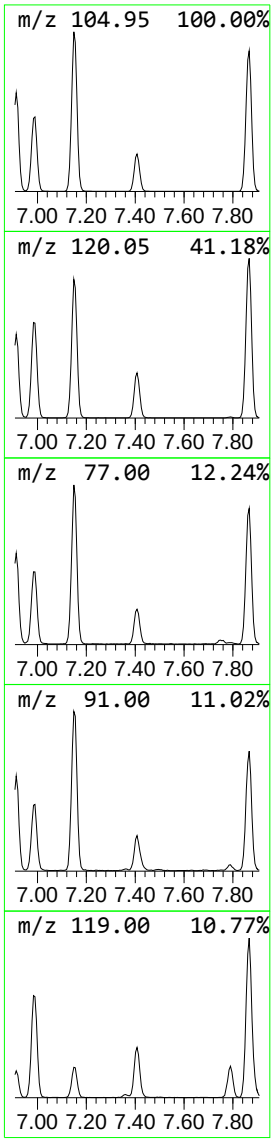
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.408	20.18 ng	1028050	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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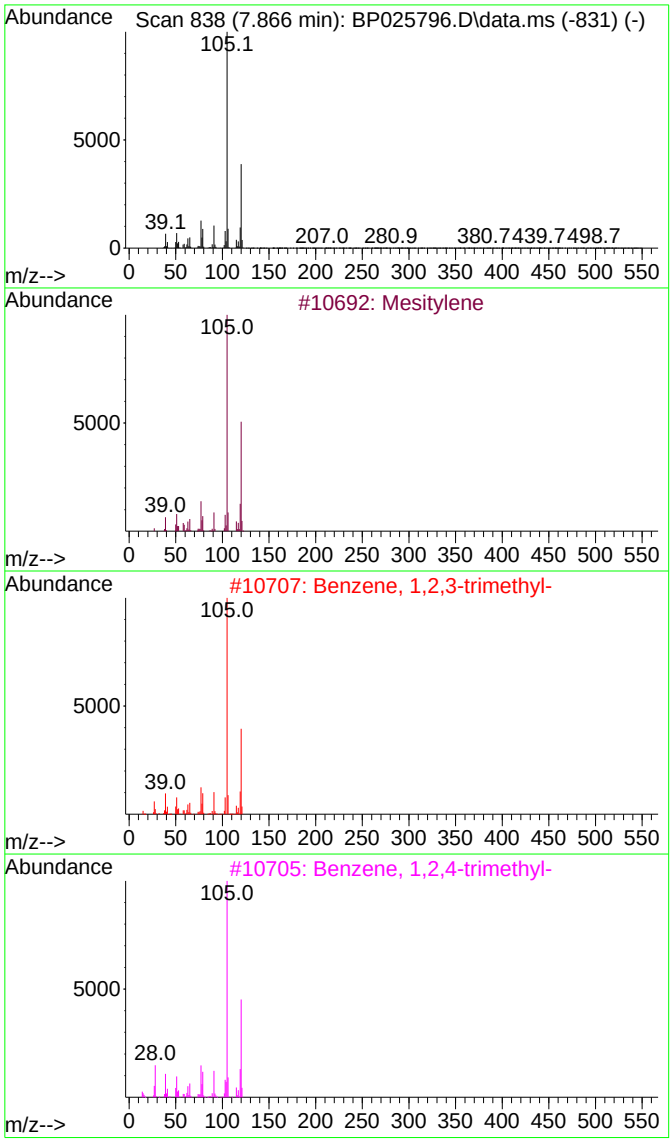
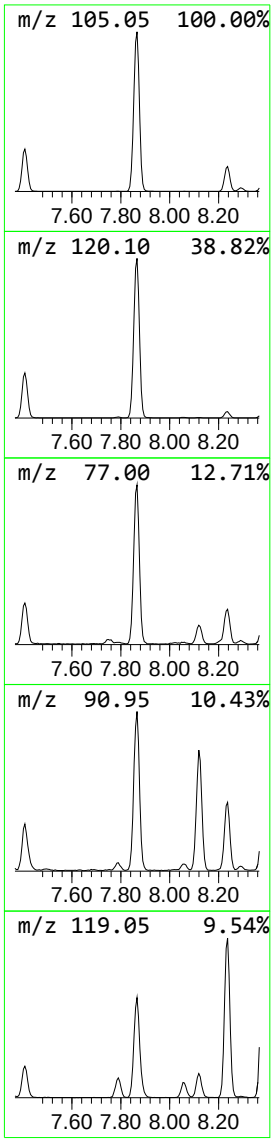
Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.866	74.02 ng	3770560	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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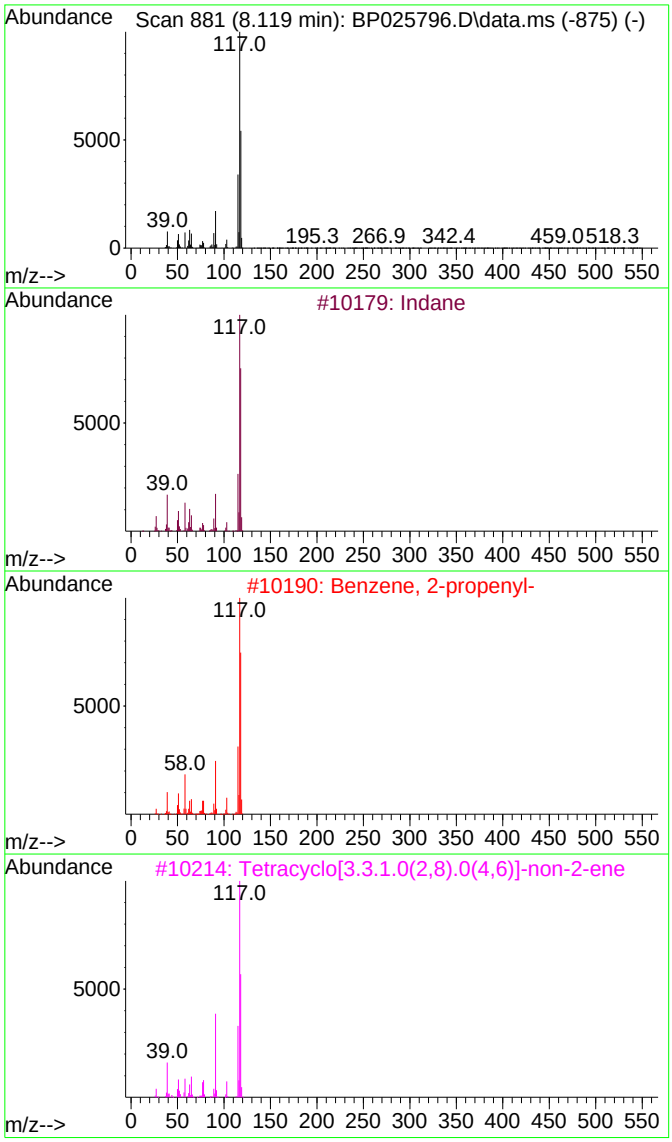
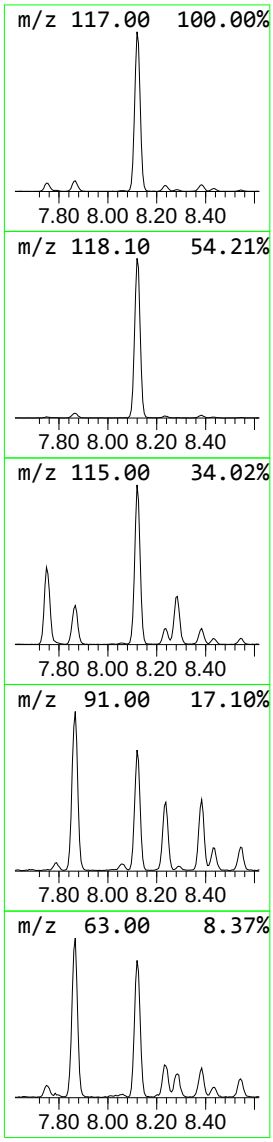
Peak Number 8 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.119	37.19 ng	1894320	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59





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Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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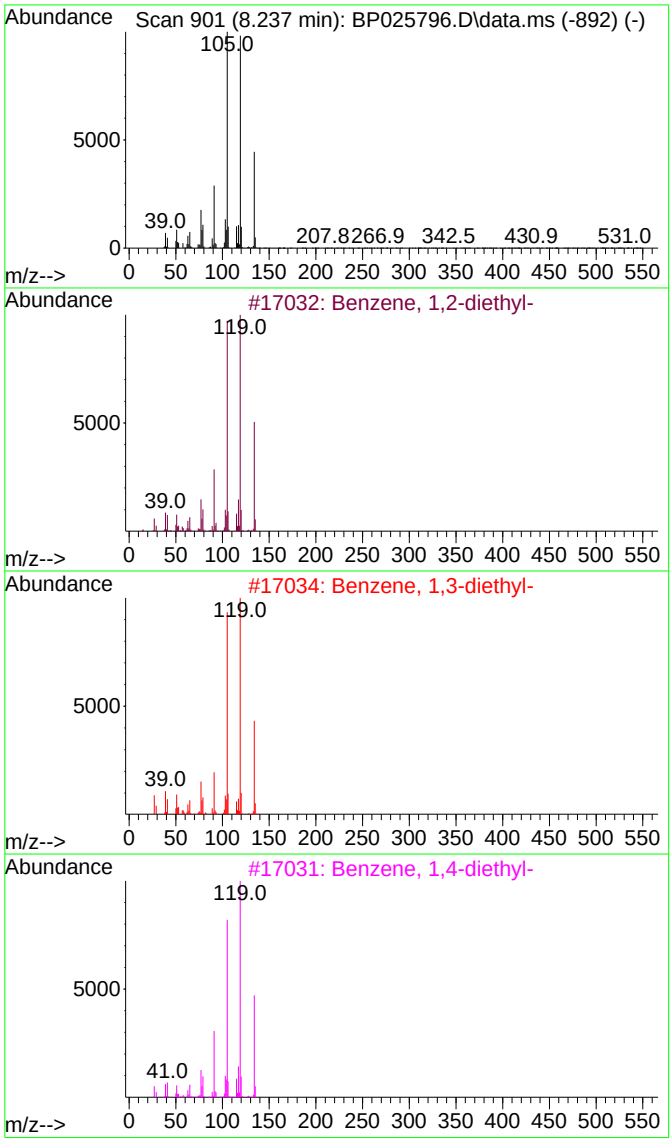
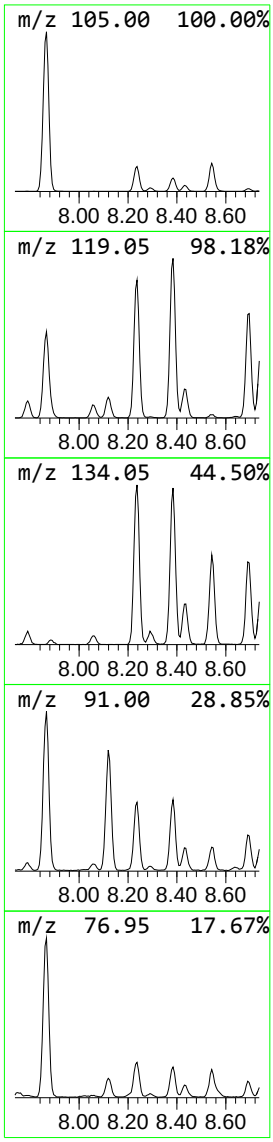
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.237	19.02 ng	969062	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83





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Acq On : 19 Sep 2025 13:01
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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

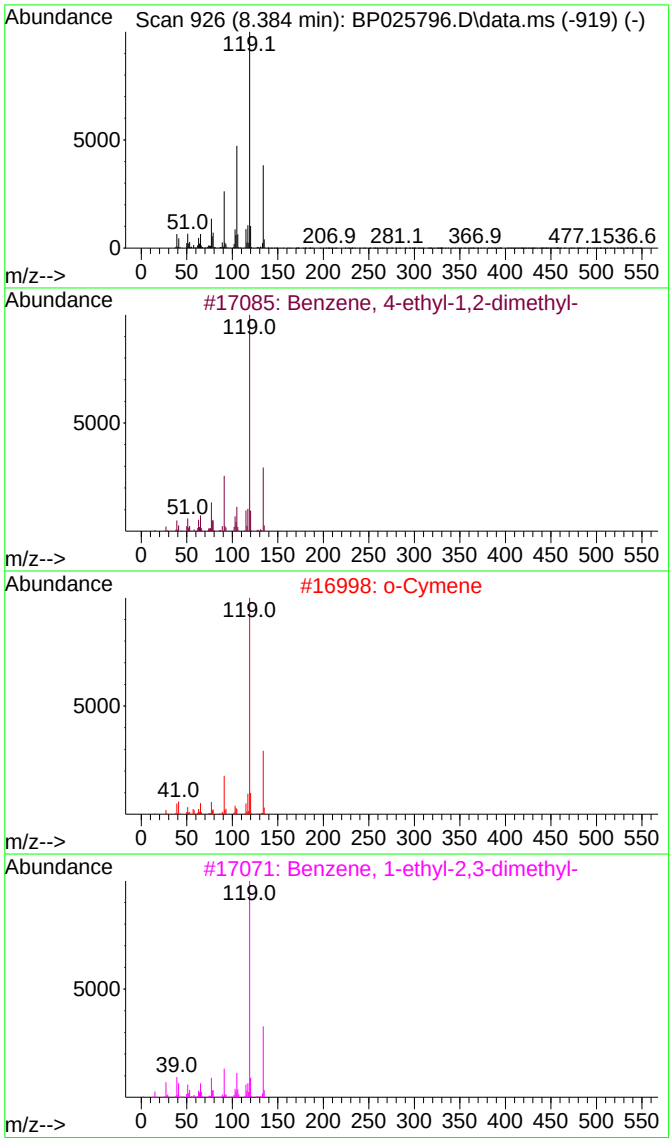
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

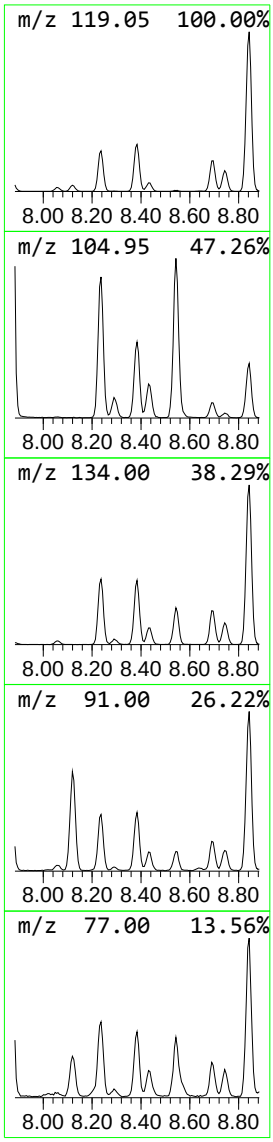
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.384	17.30 ng	881504	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

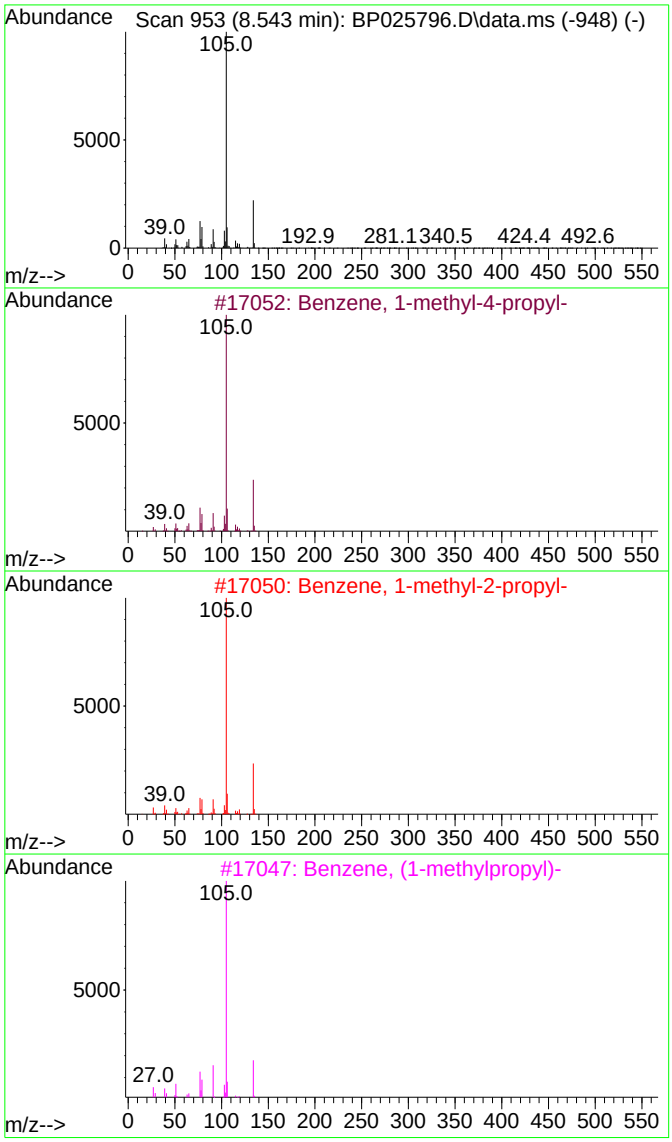
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

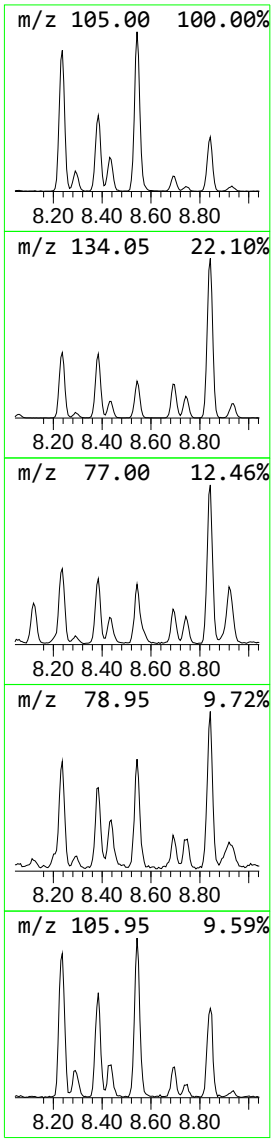
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.543	10.91 ng	555593	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86





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Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

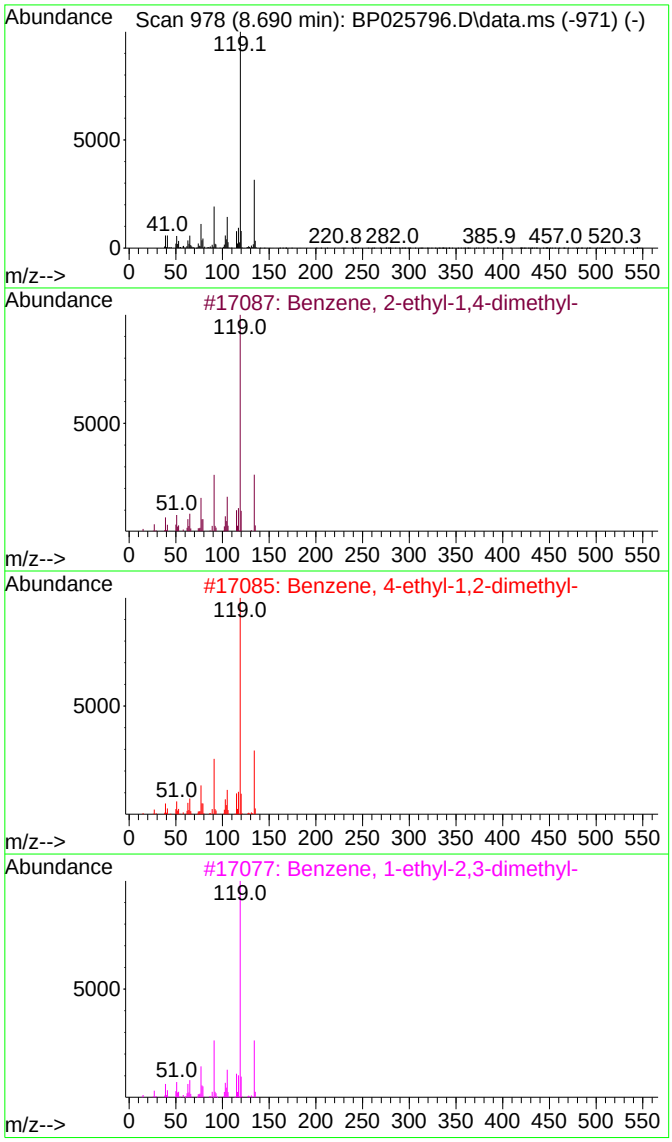
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

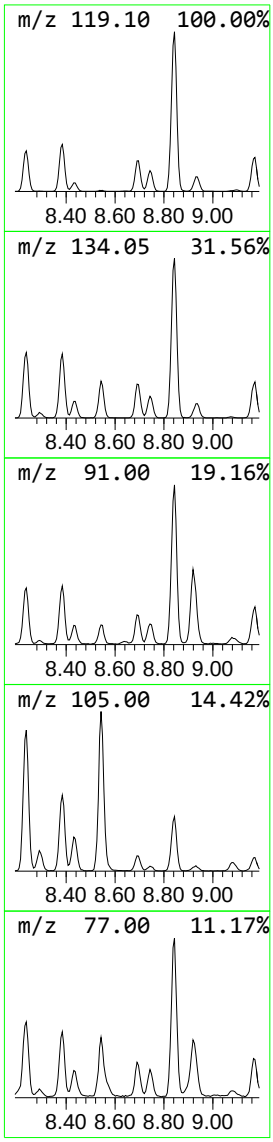
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.690	9.02 ng	459590	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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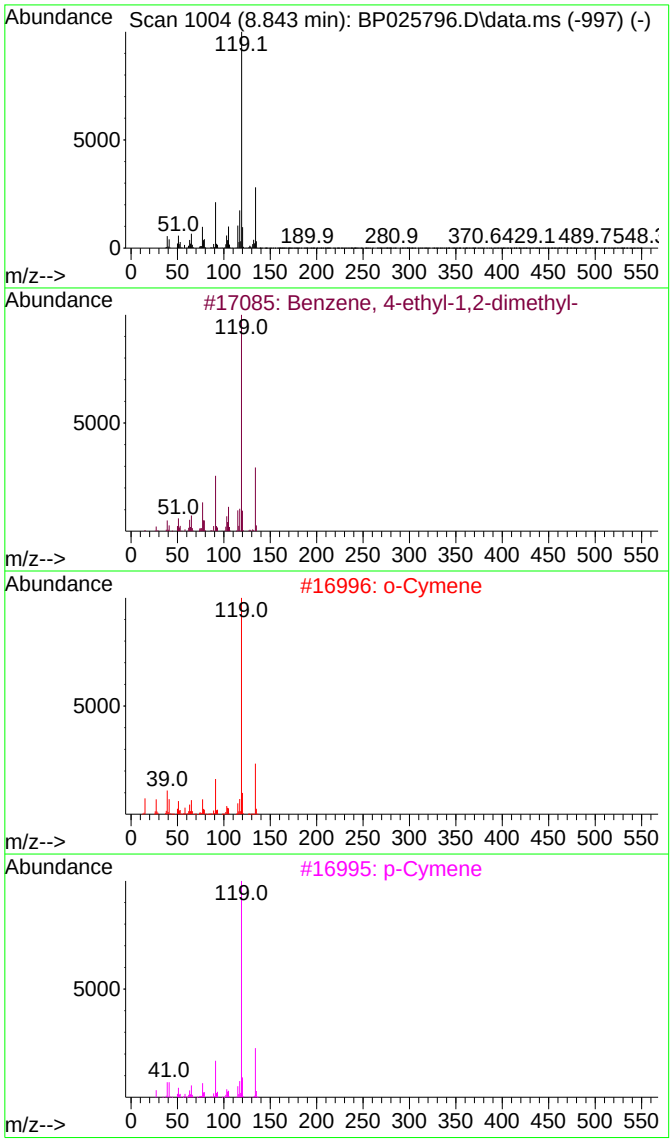
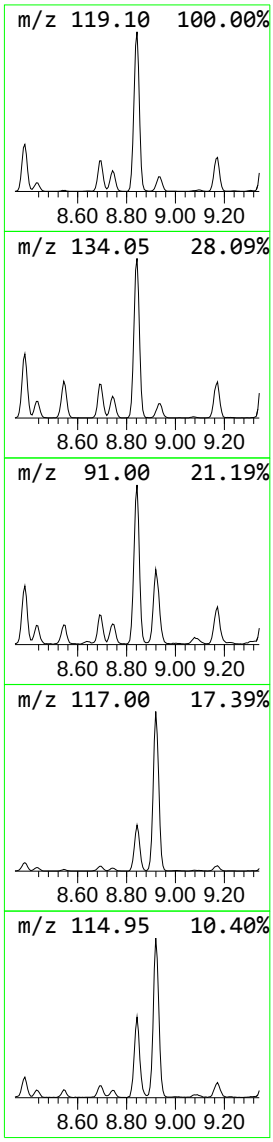
Peak Number 13 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.843	46.81 ng	2384290	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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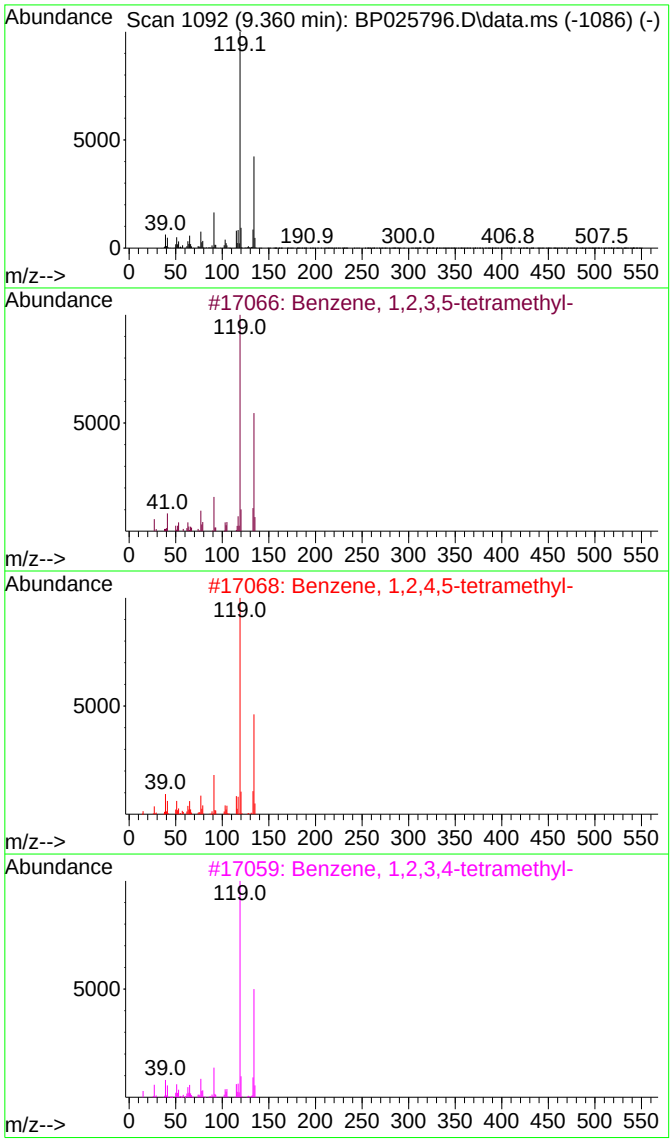
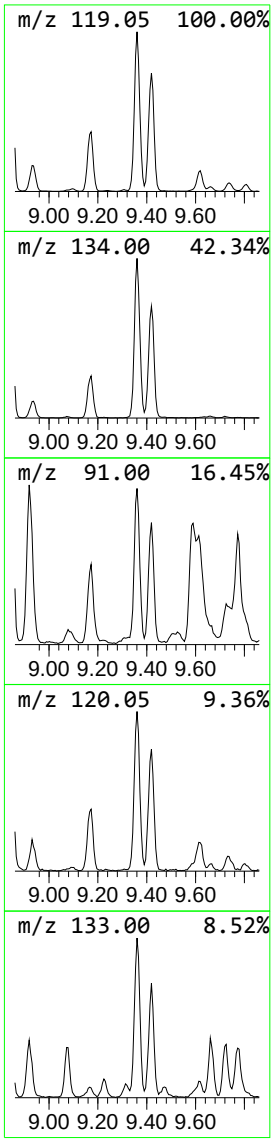
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.360	12.97 ng	1185910	Naphthalene-d8	10.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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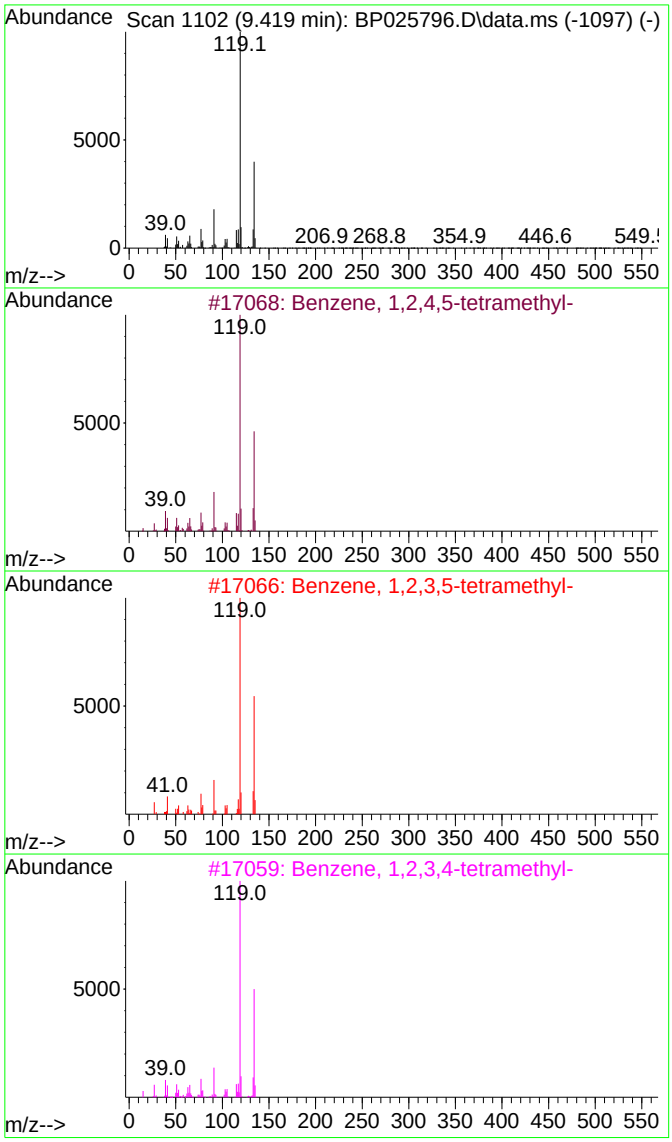
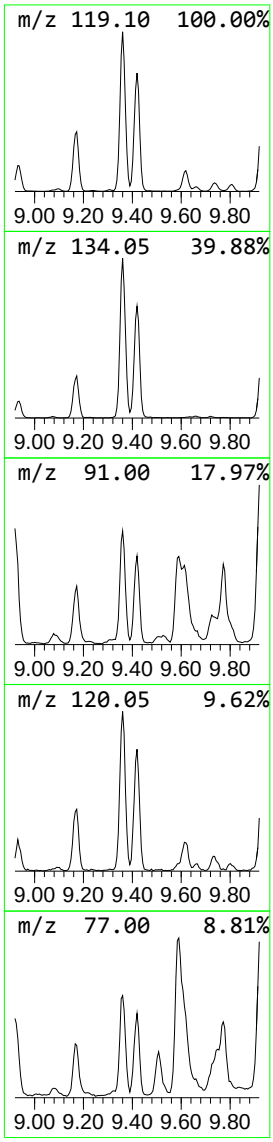
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.419	10.07 ng	920831	Naphthalene-d8	10.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

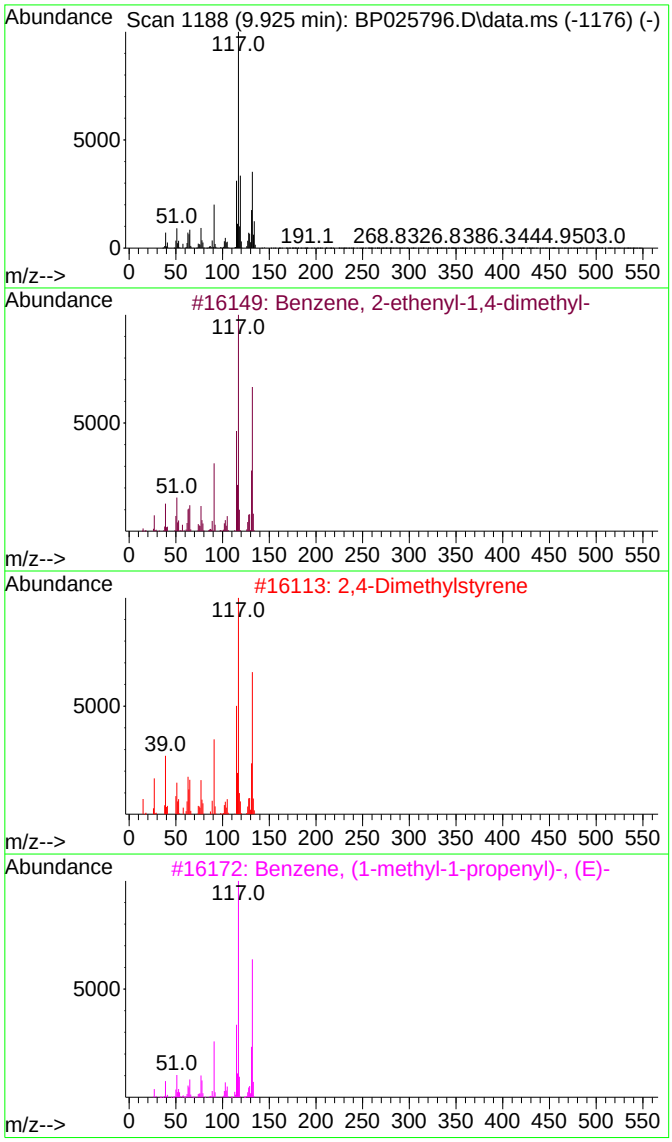
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

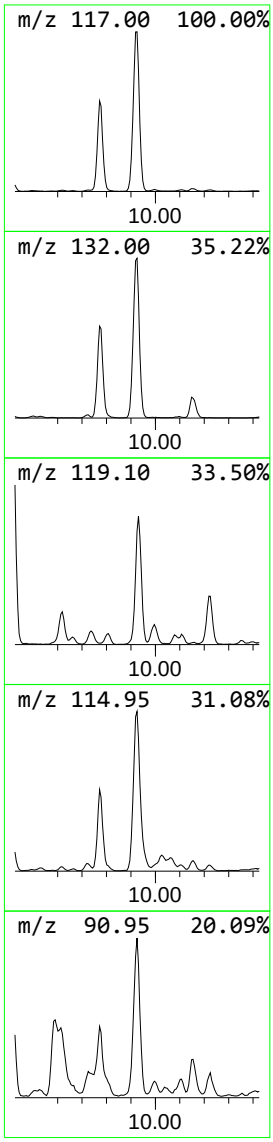
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.925	32.58 ng	2978540	Naphthalene-d8	10.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On    : 19 Sep 2025  13:01
Operator  : CG/JU
Sample    : Q3108-01
Misc      :
ALS Vial  : 6   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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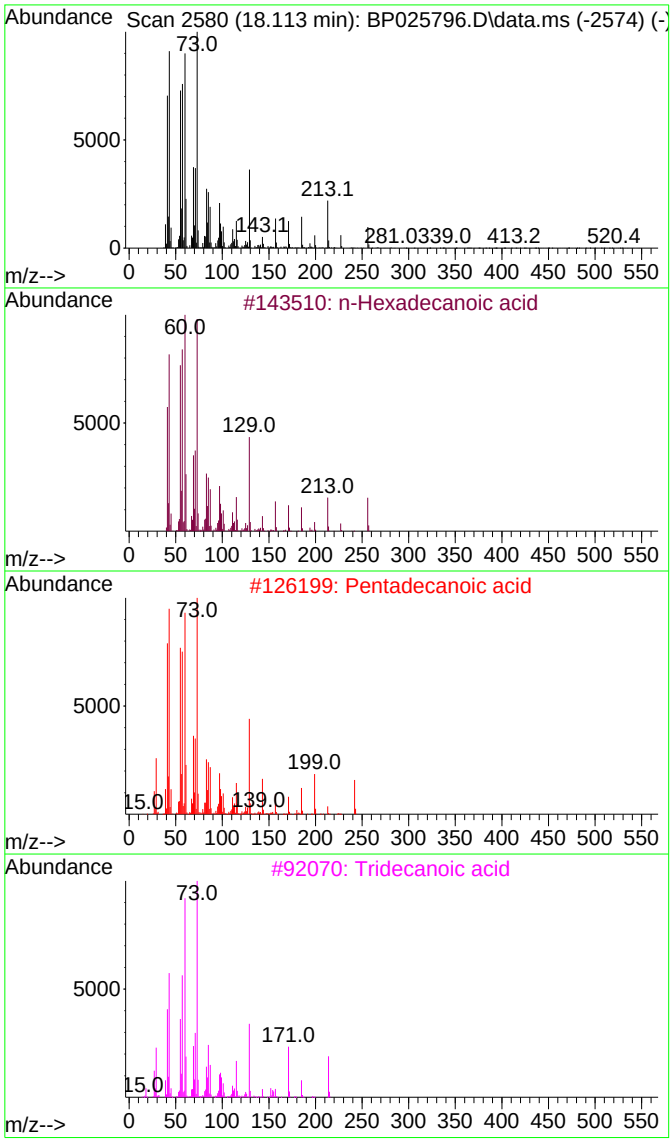
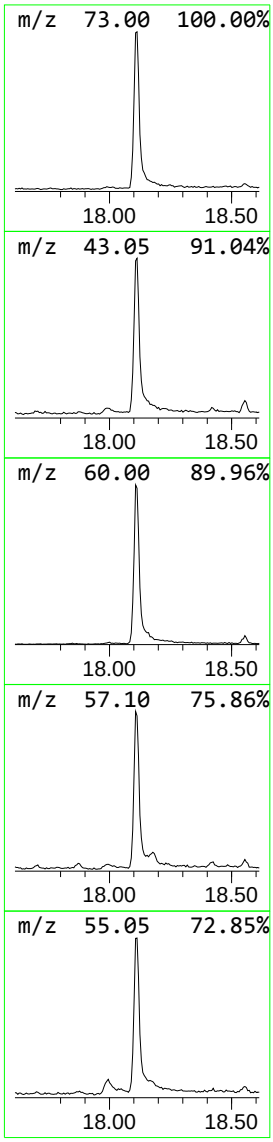

Instrument : BNA_P
ClientSampleId : MW2

Peak Number 19 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.113	11.35 ng	1211280	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

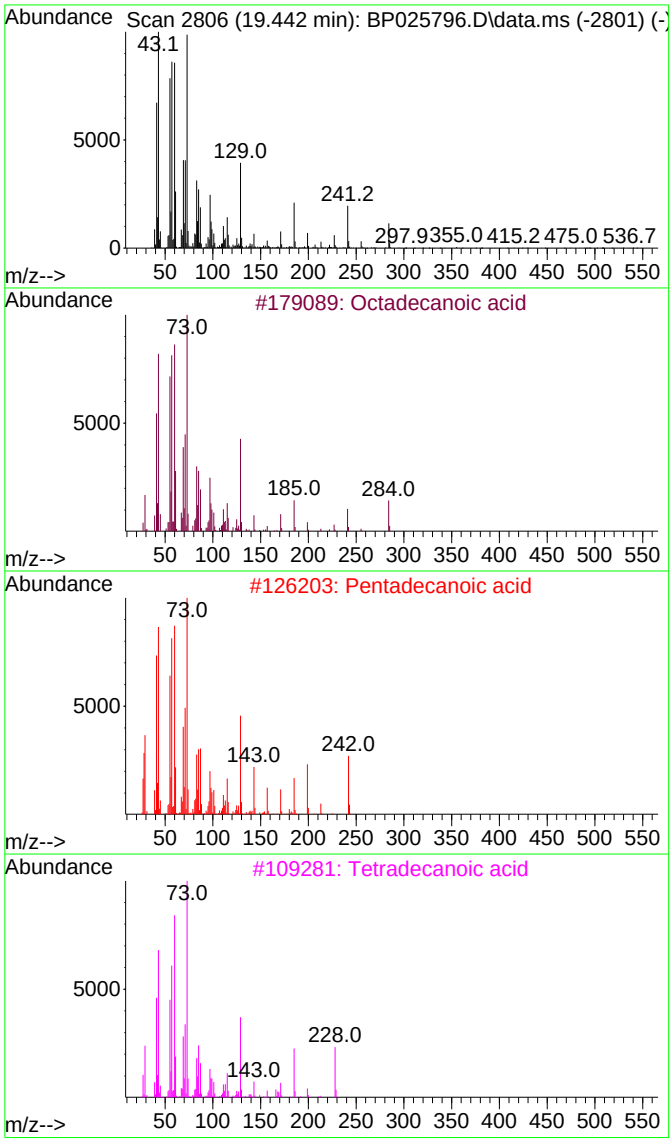
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

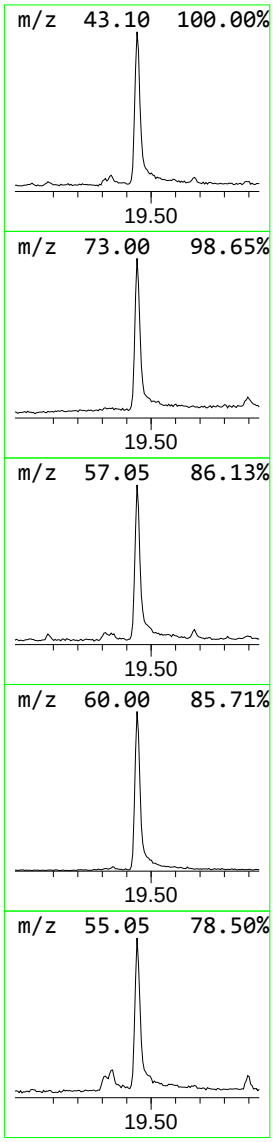
****

Peak Number 20 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.442	9.40 ng	1133560	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-di...	5.455	108.4	ng	5520310	1	7.749	1018810	20.0
unknown5.802	5.802	75.1	ng	3823980	1	7.749	1018810	20.0
Benzene, 1-ethy...	6.855	11.7	ng	597205	1	7.749	1018810	20.0
Benzene, 1-ethy...	7.149	75.2	ng	3830820	1	7.749	1018810	20.0
Benzene, 1,2,3-...	7.408	20.2	ng	1028050	1	7.749	1018810	20.0
Benzene, 1,2,4-...	7.866	74.0	ng	3770560	1	7.749	1018810	20.0
Indane	8.119	37.2	ng	1894320	1	7.749	1018810	20.0
Benzene, 1,2-di...	8.237	19.0	ng	969062	1	7.749	1018810	20.0
Benzene, 4-ethy...	8.384	17.3	ng	881504	1	7.749	1018810	20.0
Benzene, 1-meth...	8.543	10.9	ng	555593	1	7.749	1018810	20.0
Benzene, 2-ethy...	8.690	9.0	ng	459590	1	7.749	1018810	20.0
o-Cymene	8.843	46.8	ng	2384290	1	7.749	1018810	20.0
Benzene, 1,2,3,...	9.360	13.0	ng	1185910	2	10.519	1828520	20.0
Benzene, 1,2,4,...	9.419	10.1	ng	920831	2	10.519	1828520	20.0
Benzene, 2-ethe...	9.925	32.6	ng	2978540	2	10.519	1828520	20.0
n-Hexadecanoic ...	18.113	11.4	ng	1211280	4	17.178	2134180	20.0
Octadecanoic acid	19.442	9.4	ng	1133560	5	21.624	2412170	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Time: Sep 18 04:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

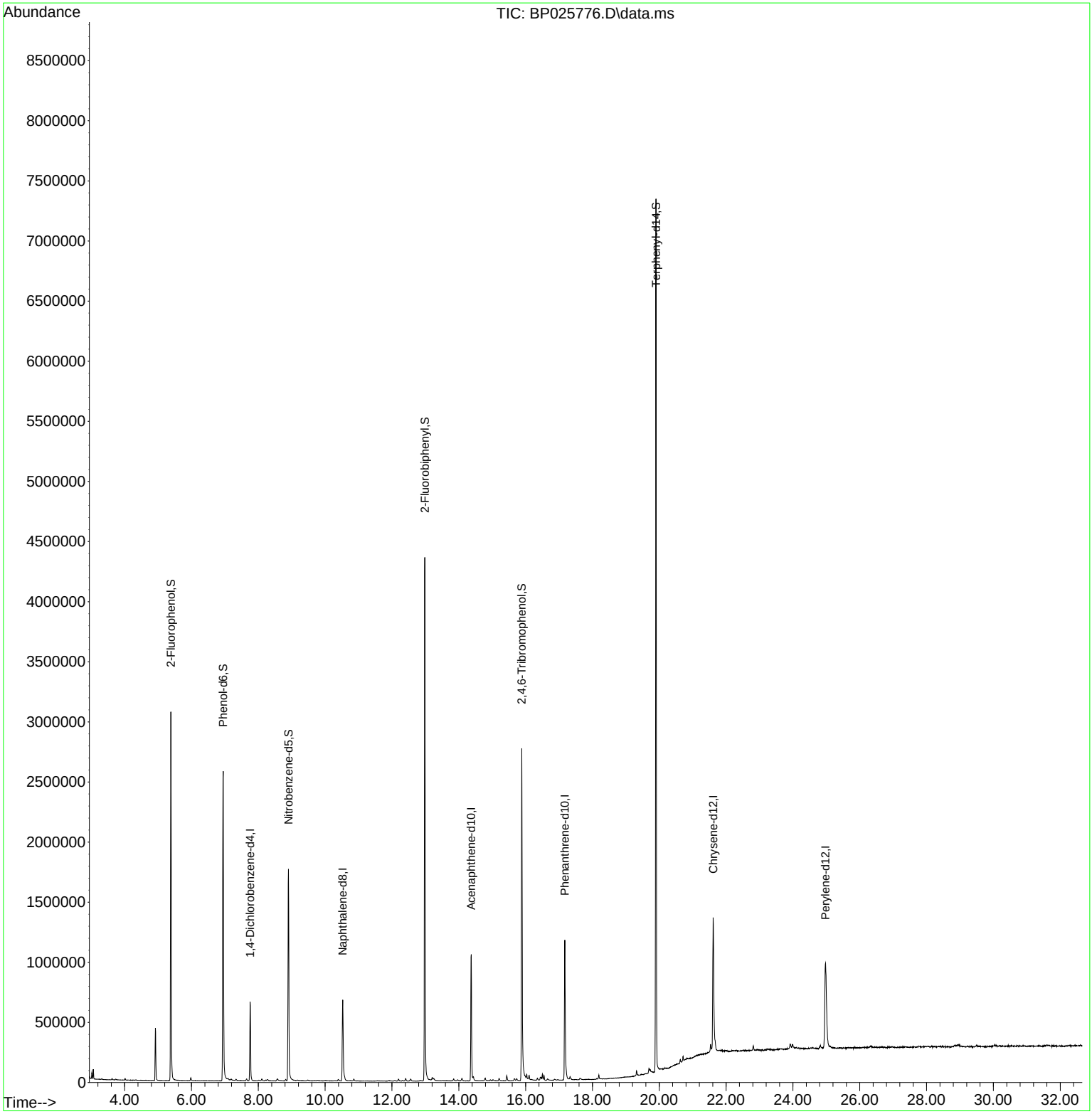
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	179386	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	669415	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	415180	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	826588	20.000	ng	-0.01
76) Chrysene-d12	21.613	240	912511	20.000	ng	-0.03
86) Perylene-d12	24.971	264	985422	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1321221	118.842	ng	0.00
7) Phenol-d6	6.949	99	1609379	108.910	ng	0.00
23) Nitrobenzene-d5	8.901	82	1113438	73.370	ng	0.00
42) 2,4,6-Tribromophenol	15.883	330	574835	111.003	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2342096	75.112	ng	0.00
79) Terphenyl-d14	19.901	244	3637790	71.718	ng	-0.01
Target Compounds						Qvalue

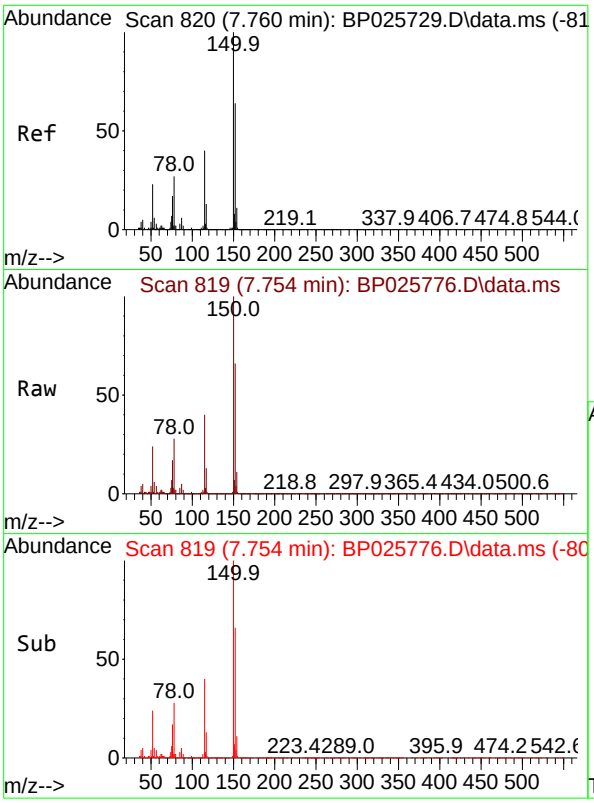
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Time: Sep 18 04:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



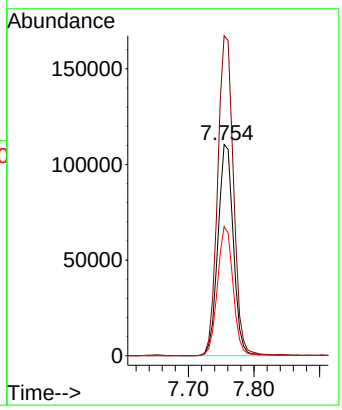


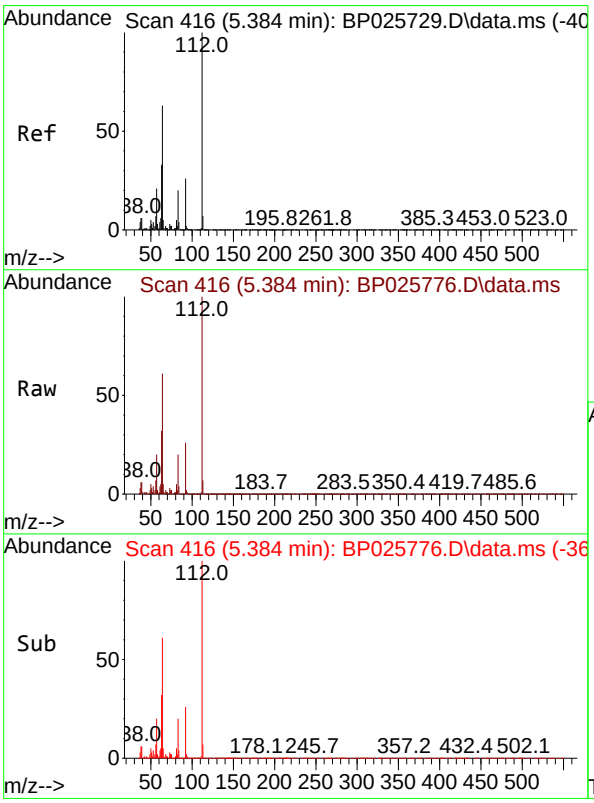
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:152 Resp: 179386

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.3	186.5
115	61.2	50.3	75.5

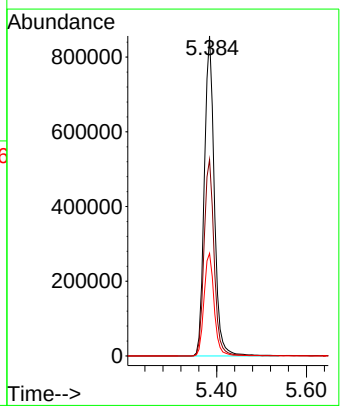


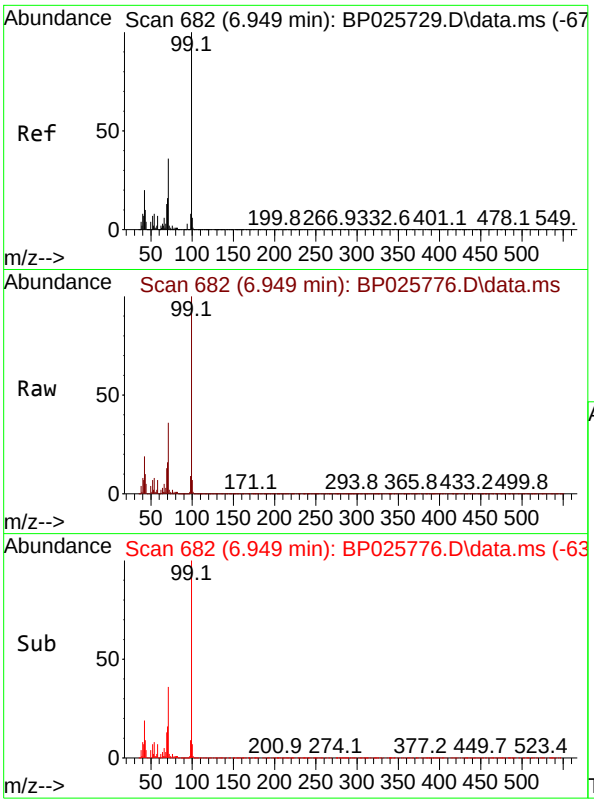


#5
2-Fluorophenol
Concen: 118.842 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:112 Resp: 1321221

Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.4
63	32.1	26.7	40.1



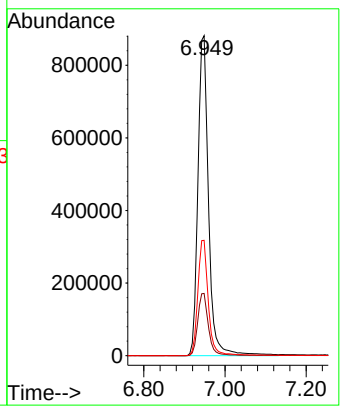


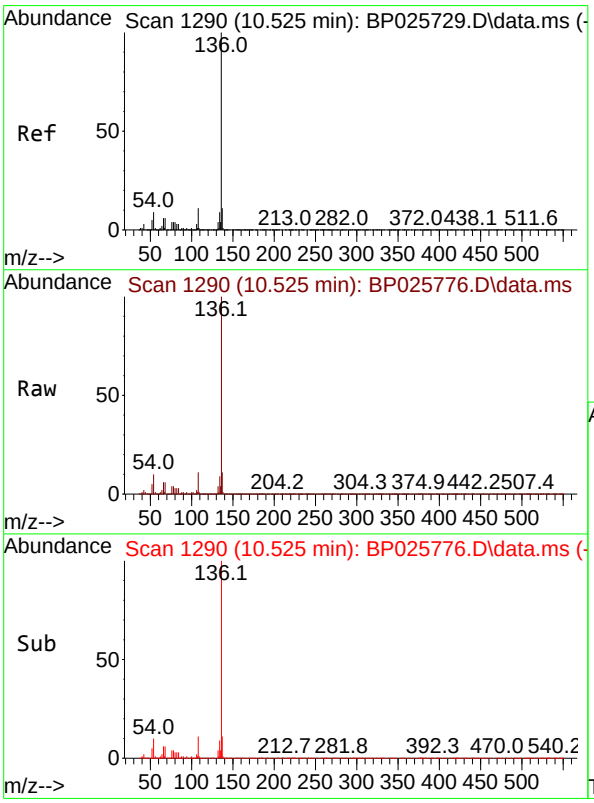
#7
Phenol-d6
Concen: 108.910 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion: 99 Resp: 1609379

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	36.0	28.6	43.0

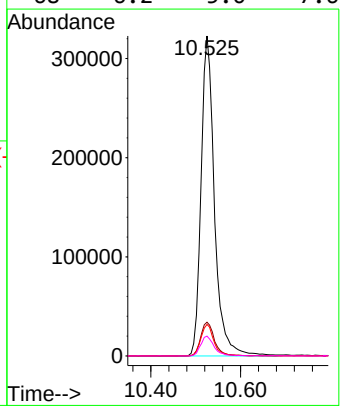


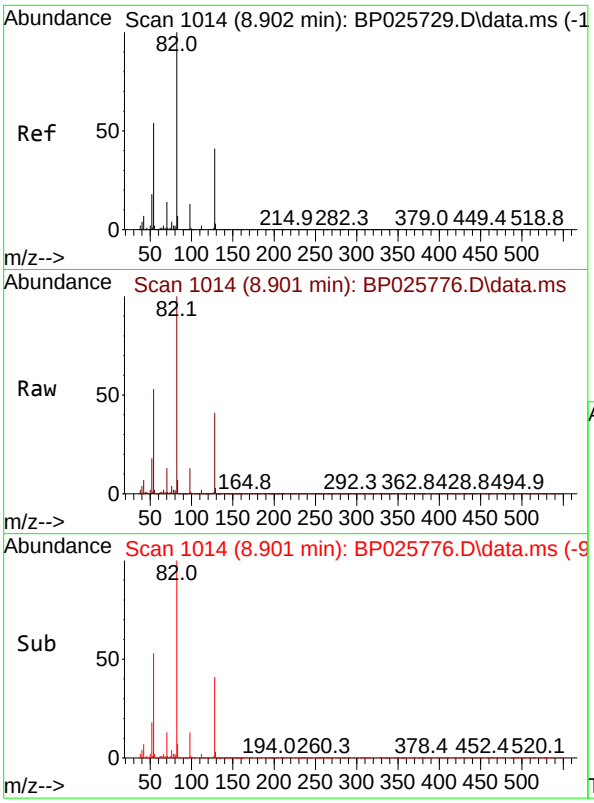


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:136 Resp: 669415

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.8	7.5	11.3
68	6.2	5.0	7.6



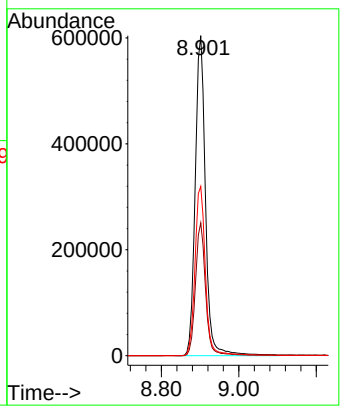


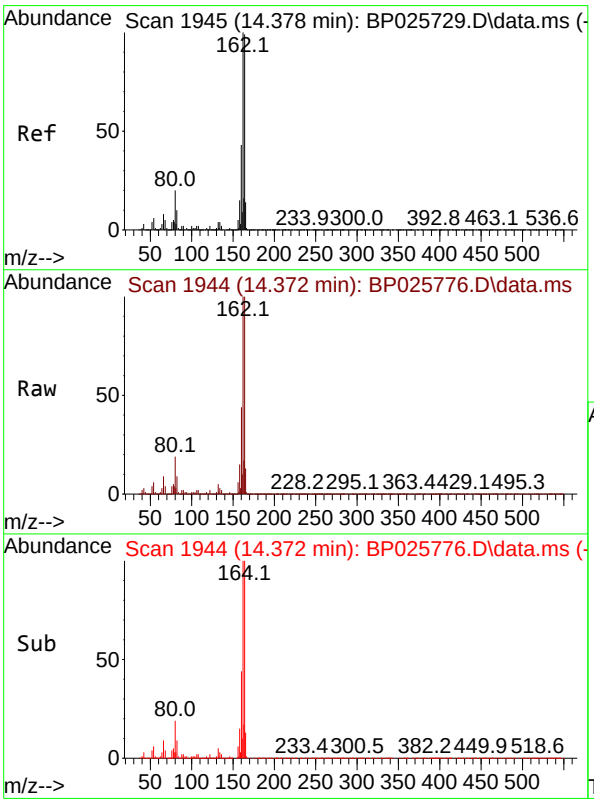
#23
Nitrobenzene-d5
Concen: 73.370 ng
RT: 8.901 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion: 82 Resp: 1113438

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.9	49.3
54	52.9	43.4	65.2

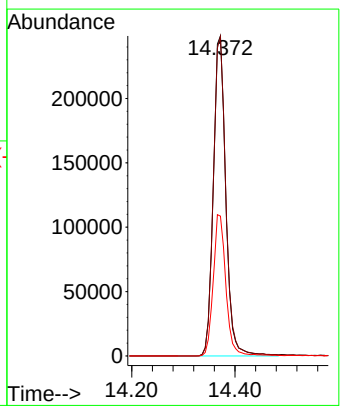


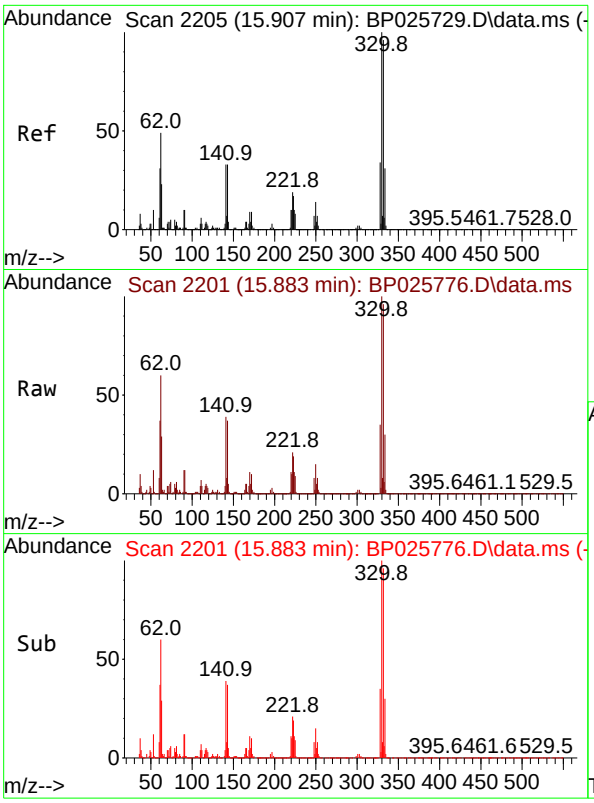


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:164 Resp: 415180

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	43.7	35.0	52.6



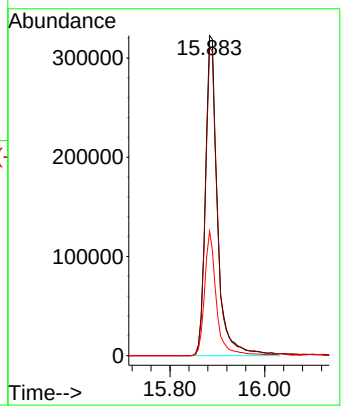


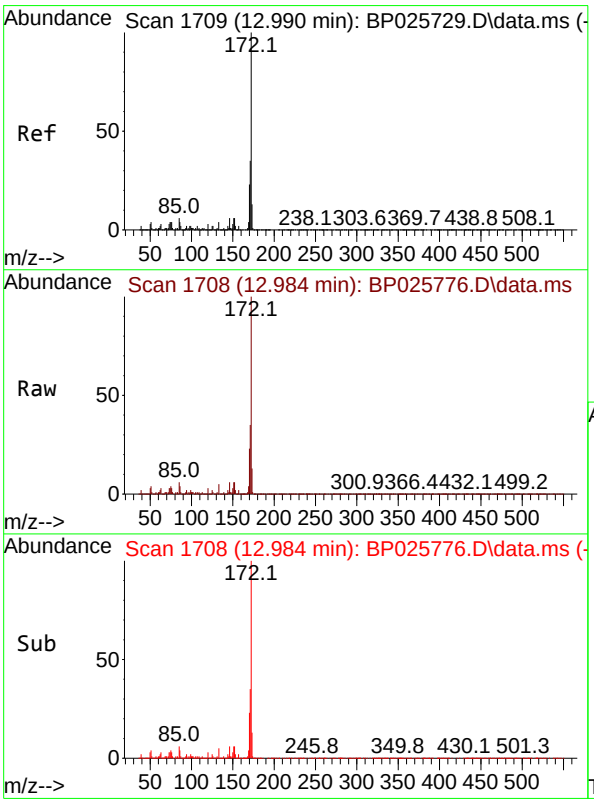
#42
2,4,6-Tribromophenol
Concen: 111.003 ng
RT: 15.883 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:330 Resp: 574835

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	37.6	31.0	46.4

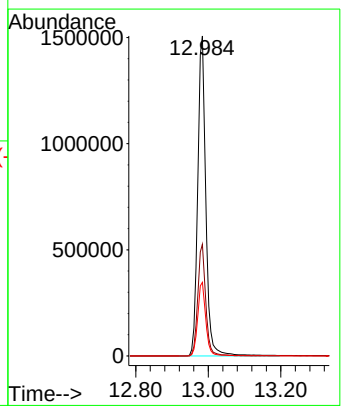


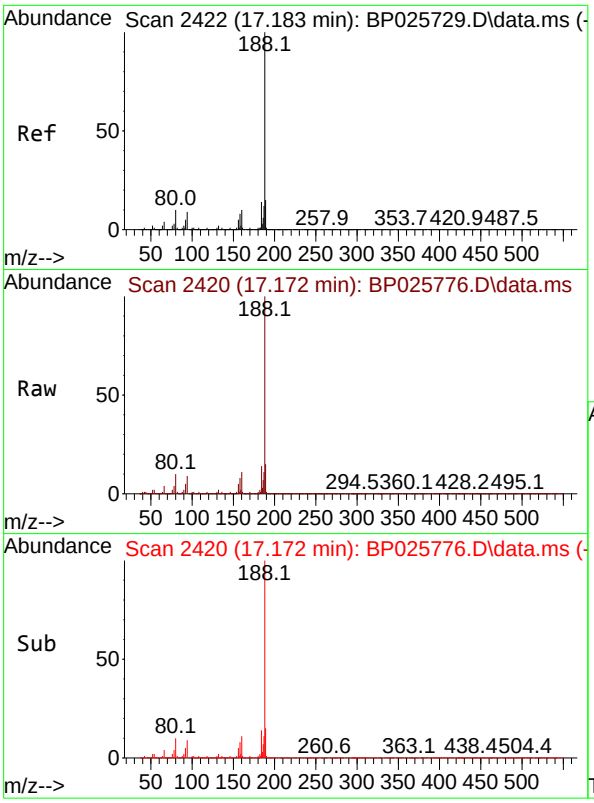


#45
2-Fluorobiphenyl
Concen: 75.112 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:172 Resp: 2342096

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.0	18.6	27.8



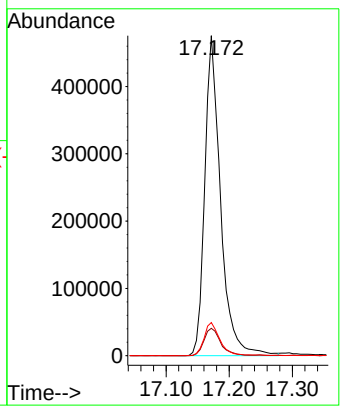


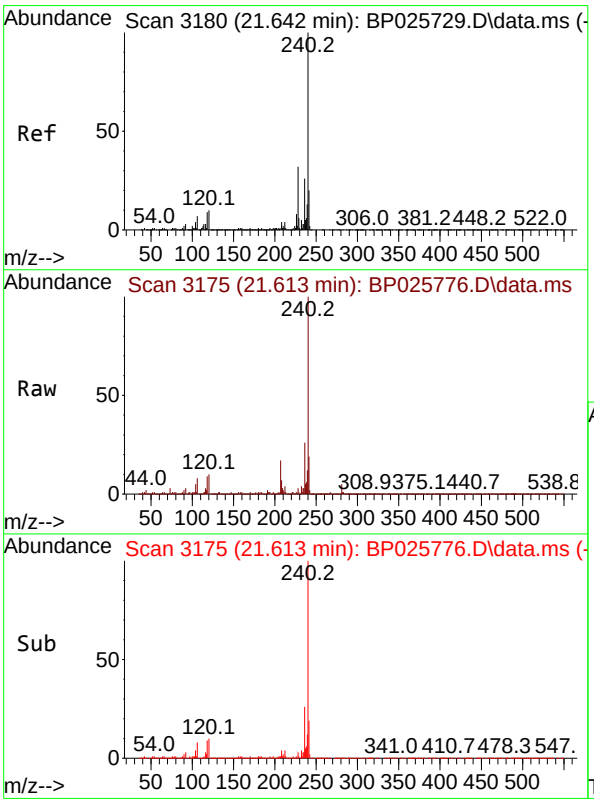
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:188 Resp: 826588

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	10.3	7.7	11.5

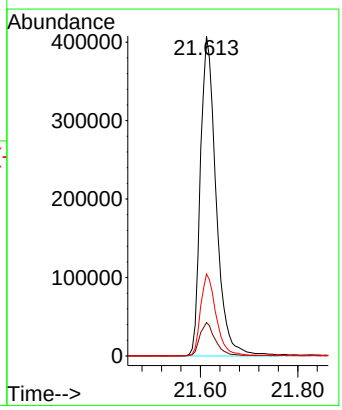


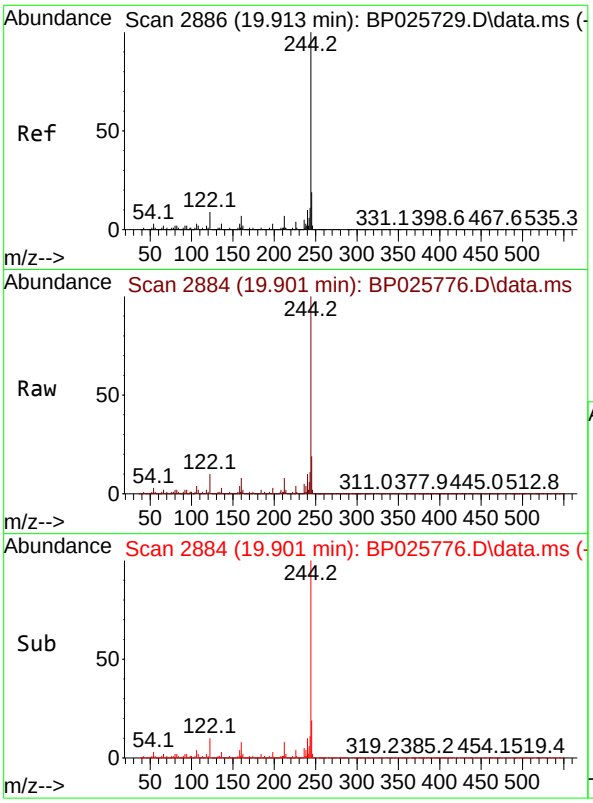


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.030 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:240 Resp: 912511

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.0	12.0
236	25.6	20.7	31.1



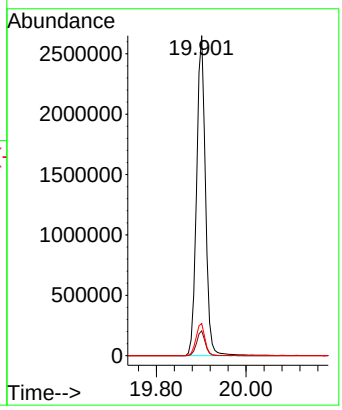


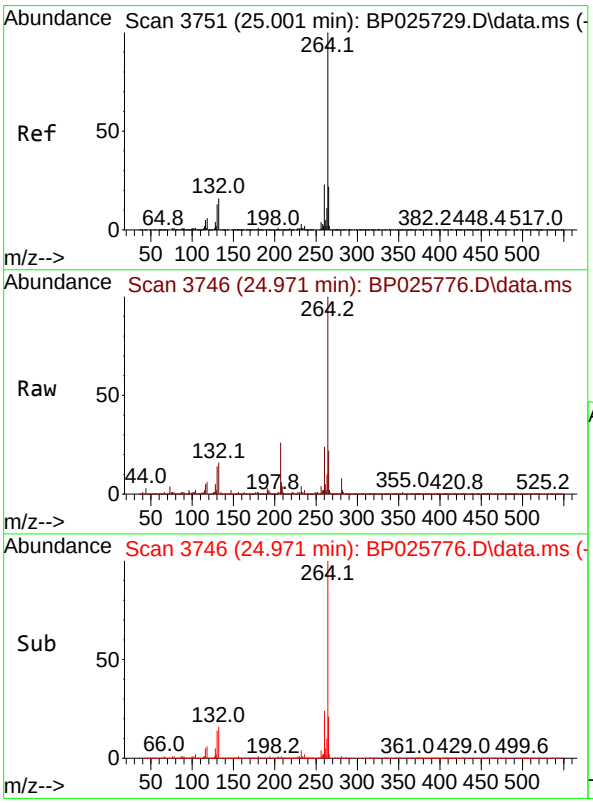
#79
Terphenyl-d14
Concen: 71.718 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:244 Resp: 3637790

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.0	7.1	10.7

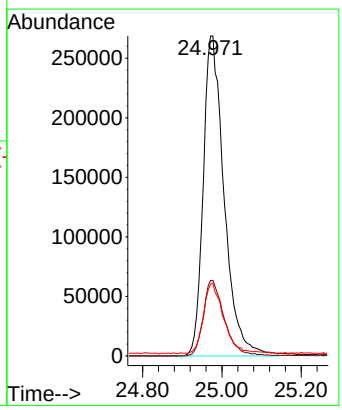




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.971 min Scan# 3746
Delta R.T. -0.030 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:264 Resp: 985422

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.5	17.3	25.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025778.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.919	332	337	350	rBV	434274	637504	6.37%	1.374%
2	5.384	409	416	436	rBV	3067102	4769873	47.63%	10.283%
3	6.949	670	682	701	rBV	2576186	4714299	47.07%	10.163%
4	7.754	812	819	834	rBV	655154	1105705	11.04%	2.384%
5	8.901	1006	1014	1036	rBV	1761882	3271318	32.67%	7.053%
6	10.525	1282	1290	1307	rBV	674065	1435864	14.34%	3.096%
7	12.984	1696	1708	1726	rBV	4355524	6787745	67.78%	14.634%
8	14.372	1936	1944	1951	rBV	1051362	1752688	17.50%	3.779%
9	15.883	2194	2201	2216	rBV	2763290	4769324	47.62%	10.282%
10	17.172	2413	2420	2436	rBV	1165013	2116229	21.13%	4.562%
11	19.901	2877	2884	2902	rBV	7263694	10014746	100.00%	21.591%
12	21.613	3169	3175	3191	rVB	1097791	2548378	25.45%	5.494%
13	24.977	3738	3747	3767	rVB	694876	2461082	24.57%	5.306%

Sum of corrected areas: 46384755

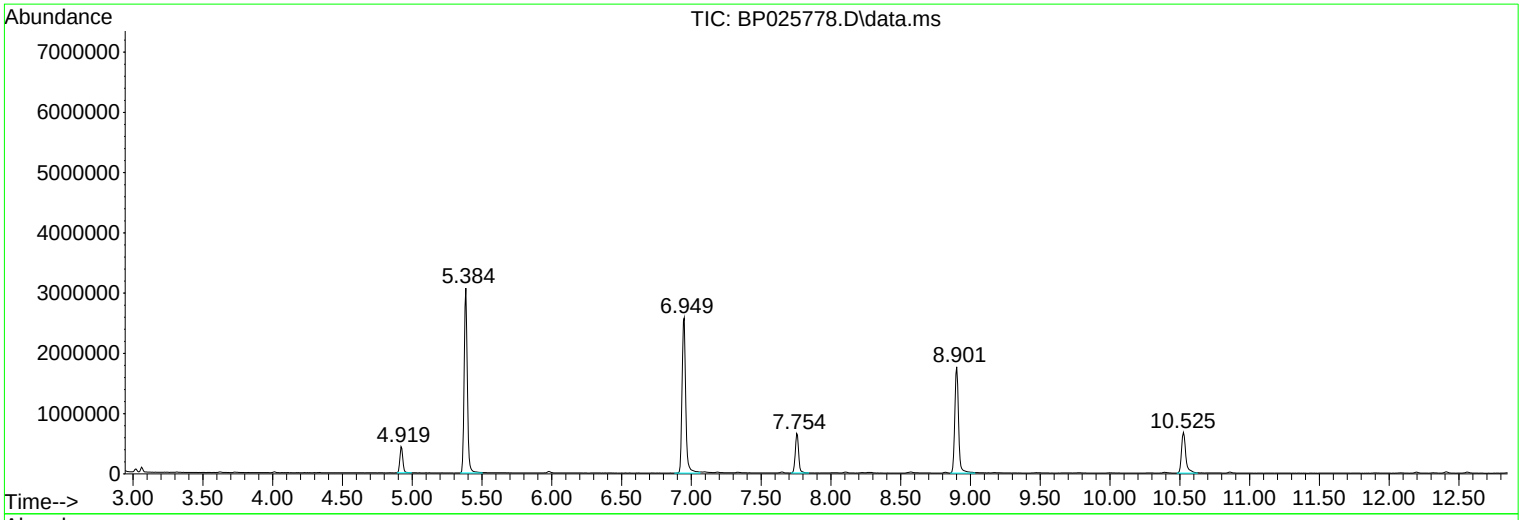
Sample Results: **BP025776.D**

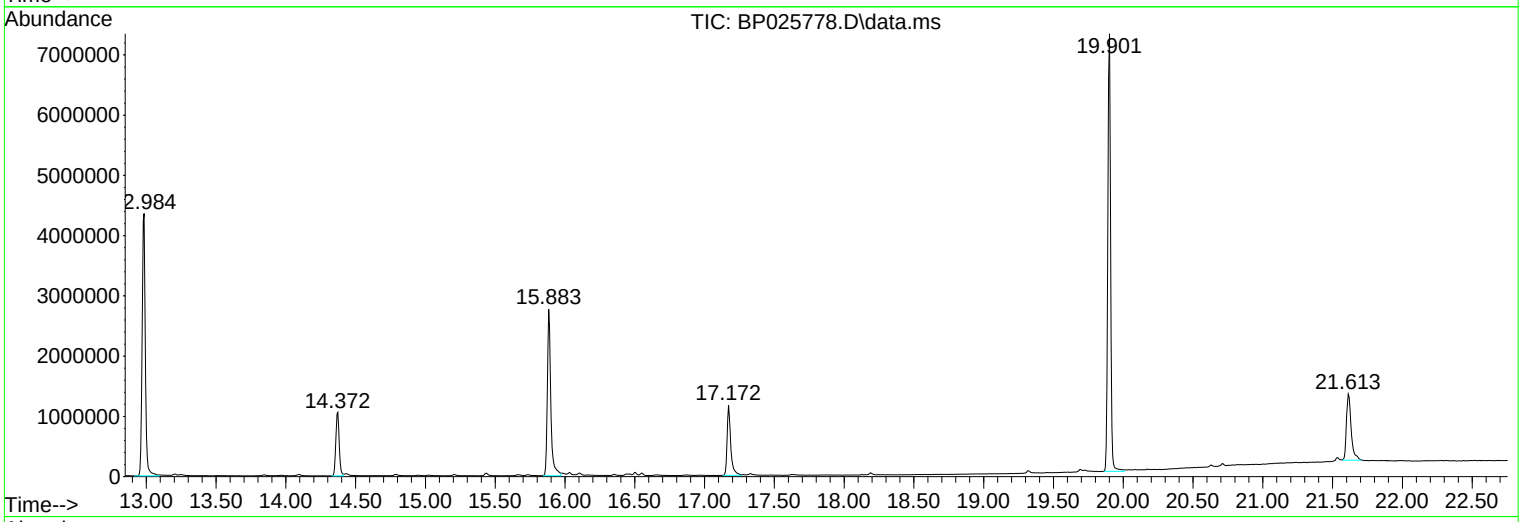
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

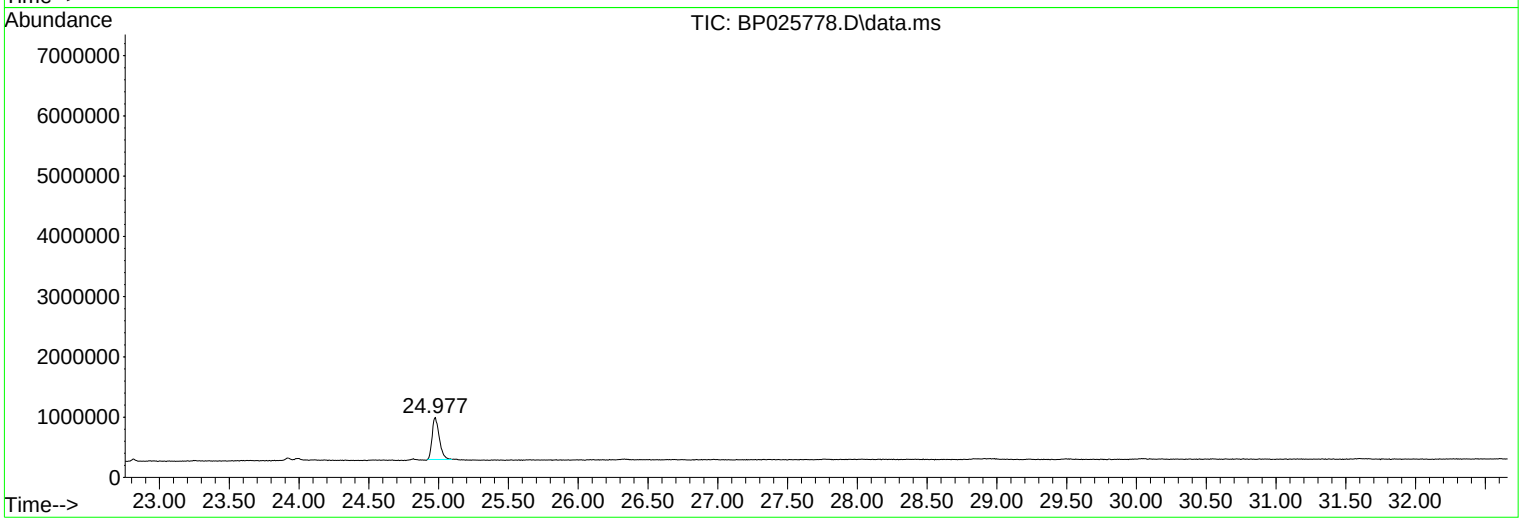
Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 18 04:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	164300	20.000	ng		0.00
21) Naphthalene-d8	10.519	136	643426	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	416776	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	849137	20.000	ng		-0.01
76) Chrysene-d12	21.624	240	847157	20.000	ng		-0.02
86) Perylene-d12	24.971	264	873039	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1178875	115.774	ng		0.00
7) Phenol-d6	6.943	99	1479877	109.342	ng		0.00
23) Nitrobenzene-d5	8.896	82	1006405	68.995	ng		0.00
42) 2,4,6-Tribromophenol	15.889	330	585396	112.610	ng		-0.02
45) 2-Fluorobiphenyl	12.984	172	2158045	68.945	ng		0.00
79) Terphenyl-d14	19.901	244	3418819	72.601	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	135923	31.805	ng		99
3) Pyridine	3.708	79	382452	32.500	ng		99
4) n-Nitrosodimethylamine	3.614	42	204632	36.852	ng		99
6) Aniline	7.090	93	471572	25.382	ng		100
8) 2-Chlorophenol	7.331	128	434808	38.924	ng		100
9) Benzaldehyde	6.907	77	238499	29.400	ng		99
10) Phenol	6.972	94	552387	38.706	ng		99
11) bis(2-Chloroethyl)ether	7.184	93	427685	37.301	ng		96
12) 1,3-Dichlorobenzene	7.649	146	478704	37.653	ng		97
13) 1,4-Dichlorobenzene	7.790	146	489997	37.836	ng		99
14) 1,2-Dichlorobenzene	8.102	146	467804	37.183	ng		100
15) Benzyl Alcohol	7.996	79	397237	35.519	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	691145	36.860	ng		100
17) 2-Methylphenol	8.196	107	365386	37.975	ng		99
18) Hexachloroethane	8.819	117	183140	37.023	ng		97
19) n-Nitroso-di-n-propyla...	8.549	70	338007	35.806	ng		99
20) 3+4-Methylphenols	8.519	107	488522	36.254	ng		99
22) Acetophenone	8.560	105	698464	40.621	ng	#	99
24) Nitrobenzene	8.937	77	498625	38.105	ng		97
25) Isophorone	9.460	82	925880	36.113	ng		99
26) 2-Nitrophenol	9.643	139	226790	39.036	ng		95
27) 2,4-Dimethylphenol	9.707	122	397240	38.974	ng		98
28) bis(2-Chloroethoxy)met...	9.931	93	566916	38.253	ng		100
29) 2,4-Dichlorophenol	10.184	162	412664	40.608	ng		100
30) 1,2,4-Trichlorobenzene	10.384	180	439123	38.342	ng		99
31) Naphthalene	10.572	128	1302186	37.533	ng		100
32) Benzoic acid	9.872	122	303703	40.078	ng		97
33) 4-Chloroaniline	10.684	127	293810	20.318	ng		99
34) Hexachlorobutadiene	10.854	225	285624	38.741	ng		99
35) Caprolactam	11.478	113	141780m	36.192	ng		
36) 4-Chloro-3-methylphenol	11.819	107	463277	38.238	ng		97
37) 2-Methylnaphthalene	12.178	142	838936	37.649	ng		99
38) 1-Methylnaphthalene	12.395	142	860734	36.222	ng		99
40) 1,2,4,5-Tetrachloroben...	12.548	216	524326	41.516	ng		99
41) Hexachlorocyclopentadiene	12.531	237	522921	76.023	ng		99
43) 2,4,6-Trichlorophenol	12.795	196	341500	41.132	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 18 04:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	380833	41.215	ng		95
46) 1,1'-Biphenyl	13.195	154	1271773	41.573	ng		99
47) 2-Chloronaphthalene	13.237	162	931691	38.679	ng		99
48) 2-Nitroaniline	13.442	65	317780	39.576	ng		99
49) Acenaphthylene	14.089	152	1564782	39.207	ng		100
50) Dimethylphthalate	13.825	163	1232543	38.735	ng		100
51) 2,6-Dinitrotoluene	13.942	165	269502	39.977	ng		99
52) Acenaphthene	14.437	154	873516	37.952	ng		99
53) 3-Nitroaniline	14.284	138	202335	28.541	ng		99
54) 2,4-Dinitrophenol	14.501	184	319695	73.363	ng		98
55) Dibenzofuran	14.778	168	1444470	38.507	ng		98
56) 4-Nitrophenol	14.619	139	438046	72.215	ng		96
57) 2,4-Dinitrotoluene	14.742	165	389301	40.577	ng		95
58) Fluorene	15.436	166	1143758	38.344	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	332721	39.973	ng		98
60) Diethylphthalate	15.207	149	1268288	39.295	ng		100
61) 4-Chlorophenyl-phenyle...	15.425	204	578906	38.509	ng		98
62) 4-Nitroaniline	15.460	138	285861	39.361	ng		98
63) Azobenzene	15.725	77	1224620	39.240	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	227526	40.291	ng		95
66) n-Nitrosodiphenylamine	15.648	169	1039816	40.015	ng		100
67) 4-Bromophenyl-phenylether	16.348	248	378303	40.553	ng		99
68) Hexachlorobenzene	16.466	284	406369	39.063	ng		96
69) Atrazine	16.631	200	403995	40.672	ng		98
70) Pentachlorophenol	16.819	266	541321	78.842	ng		98
71) Phenanthrene	17.213	178	1884872	39.131	ng		99
72) Anthracene	17.313	178	1929629	39.483	ng		100
73) Carbazole	17.589	167	1799258	39.599	ng		100
74) Di-n-butylphthalate	18.177	149	2260758	40.545	ng		100
75) Fluoranthene	19.307	202	2240678	38.787	ng		99
77) Benzidine	19.507	184	835116	34.222	ng		99
78) Pyrene	19.683	202	2343737	41.462	ng		99
80) Butylbenzylphthalate	20.630	149	1029397	41.533	ng		98
81) Benzo(a)anthracene	21.601	228	2298048	39.623	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	557181	27.784	ng		100
83) Chrysene	21.677	228	2198224	39.761	ng		99
84) Bis(2-ethylhexyl)phtha...	21.536	149	1492612	41.163	ng		99
85) Di-n-octyl phthalate	22.813	149	2569490	39.836	ng		100
87) Indeno(1,2,3-cd)pyrene	28.812	276	2715724	42.775	ng	#	74
88) Benzo(b)fluoranthene	23.918	252	2231239	41.793	ng		99
89) Benzo(k)fluoranthene	23.989	252	2184839	40.104	ng		99
90) Benzo(a)pyrene	24.824	252	2114441	40.442	ng		99
91) Dibenzo(a,h)anthracene	28.889	278	2200197	42.348	ng		99
92) Benzo(g,h,i)perylene	29.983	276	2209083	43.235	ng		99

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

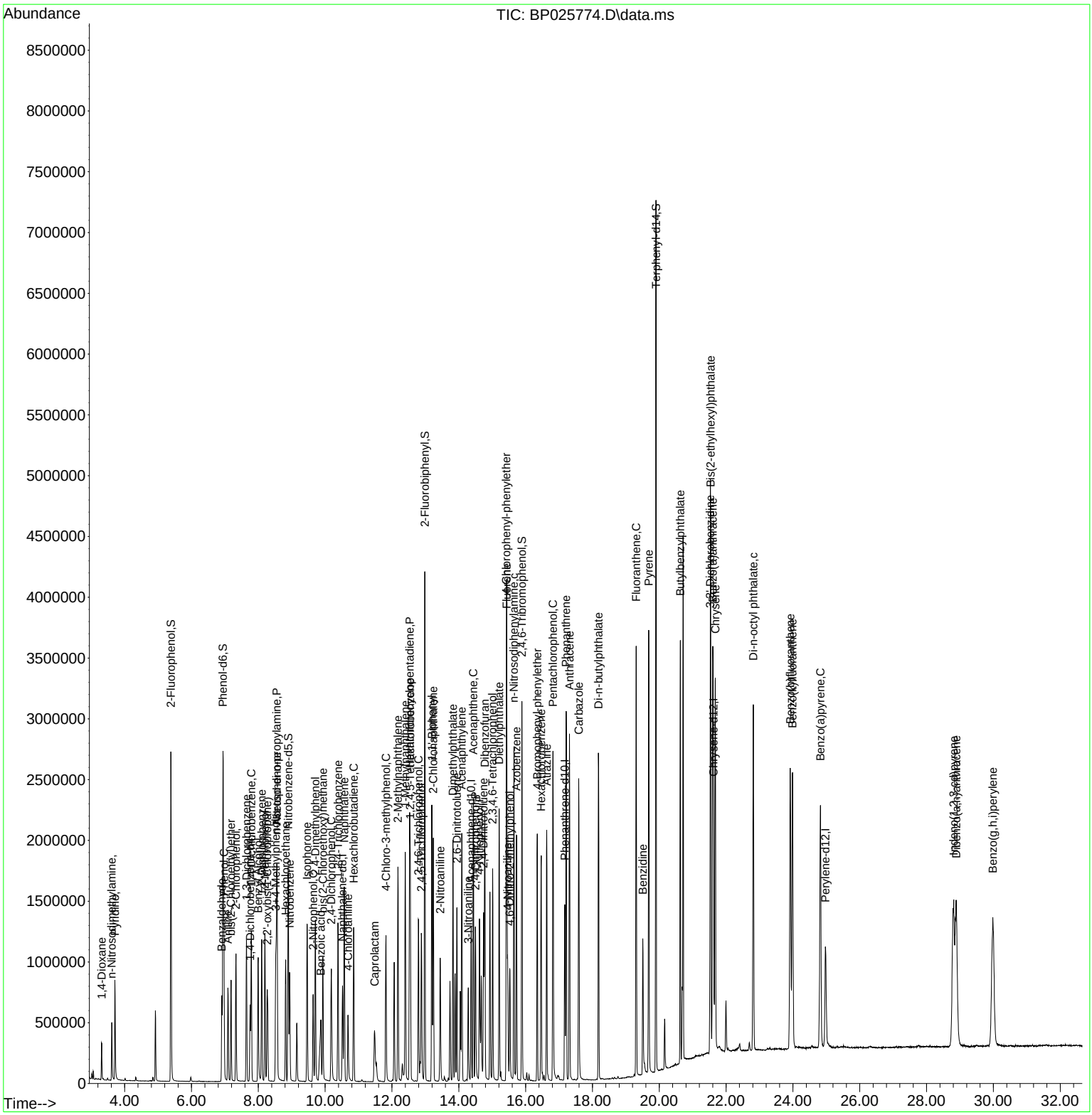
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 18 04:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025775.D
Acq On : 17 Sep 2025 21:16
Operator : CG/JU
Sample : PB169719BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Quant Time: Sep 18 04:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	164703	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	637233	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	413759	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	845328	20.000	ng	0.00
76) Chrysene-d12	21.630	240	850188	20.000	ng	-0.01
86) Perylene-d12	24.983	264	857103	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1187548	116.341	ng	0.00
7) Phenol-d6	6.943	99	1497740	110.391	ng	0.00
23) Nitrobenzene-d5	8.902	82	1008718	69.826	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	585379	113.428	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2172930	69.926	ng	0.00
79) Terphenyl-d14	19.901	244	3437645	72.740	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	140155	32.715	ng	99
3) Pyridine	3.708	79	388608	32.942	ng	98
4) n-Nitrosodimethylamine	3.614	42	205369	36.894	ng	98
6) Aniline	7.090	93	488835	26.246	ng	98
8) 2-Chlorophenol	7.331	128	437783	39.095	ng	99
9) Benzaldehyde	6.913	77	242697	29.844	ng	99
10) Phenol	6.972	94	558256	39.022	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	437619	38.074	ng	98
12) 1,3-Dichlorobenzene	7.649	146	481264	37.762	ng	98
13) 1,4-Dichlorobenzene	7.790	146	493735	38.032	ng	99
14) 1,2-Dichlorobenzene	8.102	146	473440	37.539	ng	98
15) Benzyl Alcohol	7.996	79	399861	35.666	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	695251	36.988	ng	100
17) 2-Methylphenol	8.202	107	367765	38.129	ng	99
18) Hexachloroethane	8.819	117	188643	38.042	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	344161	36.369	ng	99
20) 3+4-Methylphenols	8.525	107	497913	36.860	ng	99
22) Acetophenone	8.566	105	694903	40.806	ng	99
24) Nitrobenzene	8.943	77	503635	38.862	ng	98
25) Isophorone	9.466	82	935933	36.860	ng	99
26) 2-Nitrophenol	9.649	139	232236	40.362	ng	94
27) 2,4-Dimethylphenol	9.713	122	397141	39.343	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	561954	38.287	ng	99
29) 2,4-Dichlorophenol	10.184	162	406578	40.397	ng	98
30) 1,2,4-Trichlorobenzene	10.390	180	442026	38.970	ng	99
31) Naphthalene	10.572	128	1308580	38.084	ng	99
32) Benzoic acid	9.878	122	310336	41.351	ng	96
33) 4-Chloroaniline	10.684	127	288398	20.138	ng	99
34) Hexachlorobutadiene	10.860	225	282532	38.694	ng	99
35) Caprolactam	11.478	113	142021	36.606	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	464577	38.718	ng	97
37) 2-Methylnaphthalene	12.184	142	830855	37.648	ng	98
38) 1-Methylnaphthalene	12.401	142	874135	37.144	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	519332	41.421	ng	99
41) Hexachlorocyclopentadiene	12.531	237	525022	76.885	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	336607	40.838	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025775.D
Acq On : 17 Sep 2025 21:16
Operator : CG/JU
Sample : PB169719BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Quant Time: Sep 18 04:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

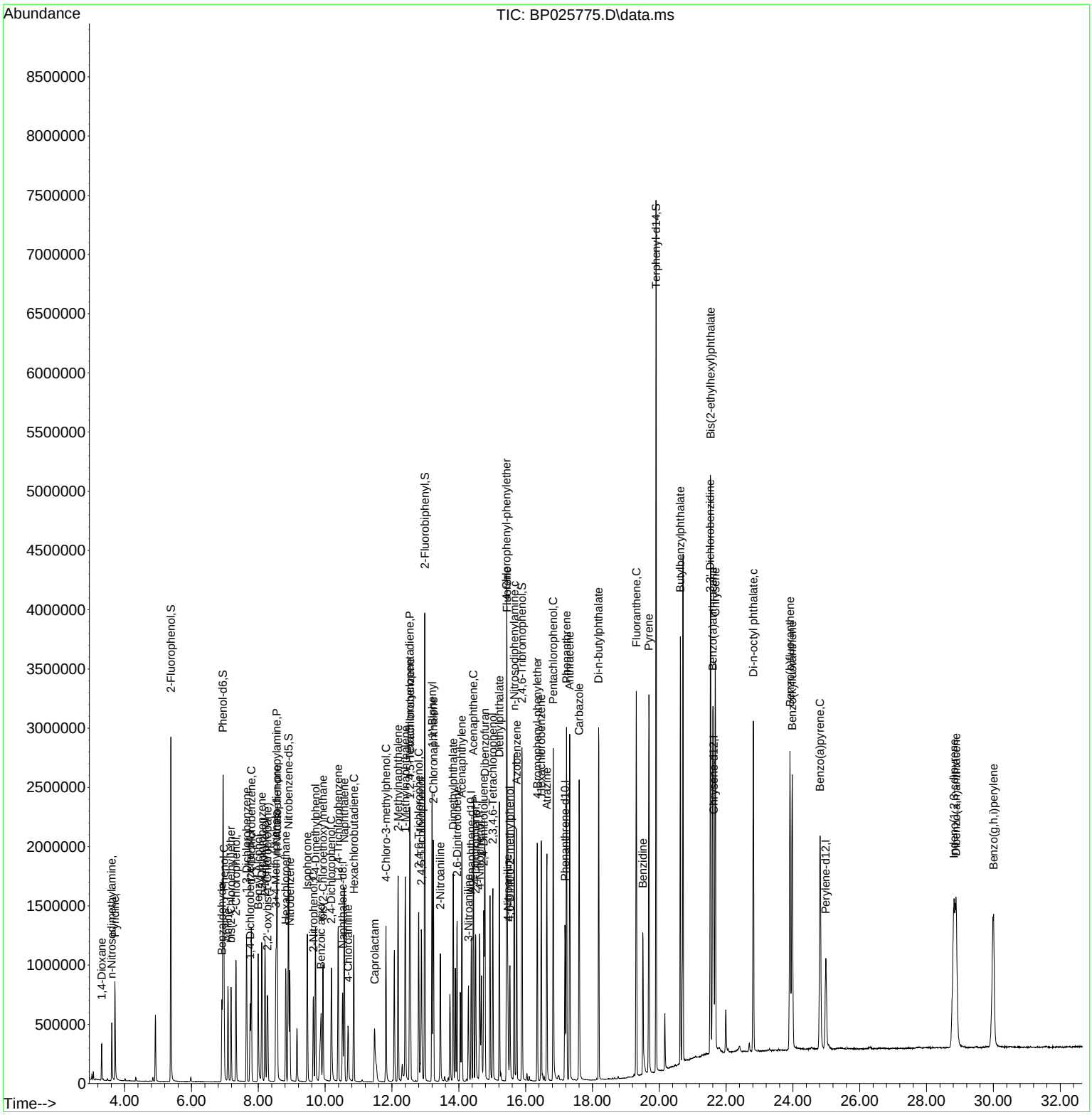
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	363764	39.655	ng		99
46) 1,1'-Biphenyl	13.201	154	1256026	41.357	ng		99
47) 2-Chloronaphthalene	13.243	162	927183	38.773	ng		98
48) 2-Nitroaniline	13.448	65	320953	40.263	ng		98
49) Acenaphthylene	14.090	152	1573291	39.708	ng		100
50) Dimethylphthalate	13.831	163	1223345	38.727	ng		99
51) 2,6-Dinitrotoluene	13.948	165	264565	39.531	ng		99
52) Acenaphthene	14.437	154	878336	38.440	ng		100
53) 3-Nitroaniline	14.290	138	193474	27.490	ng		95
54) 2,4-Dinitrophenol	14.507	184	319344	73.787	ng		99
55) Dibenzofuran	14.778	168	1425642	38.282	ng		99
56) 4-Nitrophenol	14.625	139	437941	72.692	ng		97
57) 2,4-Dinitrotoluene	14.748	165	385720	40.497	ng		98
58) Fluorene	15.442	166	1127137	38.062	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	326930	39.563	ng		100
60) Diethylphthalate	15.213	149	1245832	38.880	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	566110	37.932	ng		99
62) 4-Nitroaniline	15.466	138	283646	39.340	ng		98
63) Azobenzene	15.731	77	1190017	38.409	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	227000	40.379	ng		94
66) n-Nitrosodiphenylamine	15.660	169	1035040	40.011	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	370443	39.890	ng		99
68) Hexachlorobenzene	16.466	284	398949	38.523	ng		98
69) Atrazine	16.636	200	394105	39.855	ng		98
70) Pentachlorophenol	16.825	266	544904	79.722	ng		99
71) Phenanthrene	17.225	178	1871116	39.021	ng		100
72) Anthracene	17.319	178	1900966	39.072	ng		100
73) Carbazole	17.601	167	1782815	39.414	ng		99
74) Di-n-butylphthalate	18.183	149	2172820	39.143	ng		100
75) Fluoranthene	19.313	202	2258488	39.271	ng		100
77) Benzidine	19.507	184	844260	34.474	ng		99
78) Pyrene	19.689	202	2341307	41.272	ng		99
80) Butylbenzylphthalate	20.630	149	1046003	42.053	ng		98
81) Benzo(a)anthracene	21.601	228	2337622	40.162	ng		99
82) 3,3'-Dichlorobenzidine	21.524	252	556223	27.637	ng		98
83) Chrysene	21.677	228	2189029	39.453	ng		100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1492610	41.016	ng		100
85) Di-n-octyl phthalate	22.813	149	2538713	39.218	ng		99
87) Indeno(1,2,3-cd)pyrene	28.818	276	2655840	42.609	ng	#	76
88) Benzo(b)fluoranthene	23.913	252	2187404	41.733	ng		99
89) Benzo(k)fluoranthene	23.977	252	2274107	42.519	ng		100
90) Benzo(a)pyrene	24.812	252	2087891	40.677	ng		99
91) Dibenzo(a,h)anthracene	28.883	278	2174745	42.636	ng		99
92) Benzo(g,h,i)perylene	30.006	276	2173956	43.339	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025775.D
Acq On : 17 Sep 2025 21:16
Operator : CG/JU
Sample : PB169719BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

Quant Time: Sep 18 04:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



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Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC2.5	BP025725.D	n-Nitroso-di-n-propylamine	Rahul	9/12/2025 10:21:39 AM	Jagrut	9/12/2025 11:46:19 AM	Peak Integrated by Software
SSTDICC005	BP025726.D	4-Nitroaniline	Rahul	9/12/2025 10:21:42 AM	Jagrut	9/12/2025 11:46:21 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzaldehyde	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzoic acid	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Caprolactam	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC020	BP025728.D	Benzaldehyde	Rahul	9/12/2025 10:21:48 AM	Jagrut	9/12/2025 11:46:26 AM	Peak Integrated by Software
SSTDICCC040	BP025729.D	Benzaldehyde	Rahul	9/12/2025 10:21:51 AM	Jagrut	9/12/2025 11:46:29 AM	Peak Integrated by Software
SSTDICC050	BP025733.D	Benzaldehyde	Rahul	9/12/2025 10:21:53 AM	Jagrut	9/12/2025 11:49:15 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzaldehyde	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzidine	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzaldehyde	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzo(g,h,i)perylene	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

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

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Manual Integration Report

Sequence:	BP091725	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169719BS	BP025774.D	Caprolactam	Rahul	9/19/2025 8:47:34 AM	Jagrut	9/19/2025 10:17:58 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP091925	Instrument	BNA_p

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: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025724.D	11 Sep 2025 08:09	CG/JU	Ok
2	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56	CG/JU	Ok,M
3	SSTDICC005	BP025726.D	11 Sep 2025 09:37	CG/JU	Ok,M
4	SSTDICC010	BP025727.D	11 Sep 2025 10:18	CG/JU	Ok,M
5	SSTDICC020	BP025728.D	11 Sep 2025 10:59	CG/JU	Ok,M
6	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	CG/JU	Ok,M
7	SSTDICC050	BP025730.D	11 Sep 2025 13:02	CG/JU	Not Ok
8	SSTDICC060	BP025731.D	11 Sep 2025 13:43	CG/JU	Ok
9	SSTDICC080	BP025732.D	11 Sep 2025 14:24	CG/JU	Ok
10	SSTDICC050	BP025733.D	11 Sep 2025 15:20	CG/JU	Ok,M
11	SSTDICV040	BP025734.D	11 Sep 2025 16:54	CG/JU	Ok,M
12	PB169633BL	BP025735.D	11 Sep 2025 17:35	CG/JU	Ok
13	DFTPP	BP025736.D	12 Sep 2025 09:03	CG/JU	Ok
14	SSTDCCC040	BP025737.D	12 Sep 2025 10:24	CG/JU	Ok
15	PB169490BL	BP025738.D	12 Sep 2025 11:05	CG/JU	Ok
16	Q2893-02	BP025739.D	12 Sep 2025 11:46	CG/JU	Ok,M
17	Q2893-08	BP025740.D	12 Sep 2025 12:27	CG/JU	Ok,M
18	Q2893-01	BP025741.D	12 Sep 2025 13:08	CG/JU	Ok,M
19	Q2893-07	BP025742.D	12 Sep 2025 13:49	CG/JU	Ok,M
20	PB169499BL	BP025743.D	12 Sep 2025 14:30	CG/JU	Ok
21	SSTDCCC040	BP025744.D	12 Sep 2025 15:35	CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM		
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM		
SubDirectory	BP091725	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025768.D	17 Sep 2025 11:22	CG/JU	Ok
2	SSTDCCC040	BP025769.D	17 Sep 2025 12:03	CG/JU	Ok
3	PB169672BL	BP025770.D	17 Sep 2025 14:26	CG/JU	Ok
4	Q3015-03	BP025771.D	17 Sep 2025 15:07	CG/JU	Dilution
5	Q3015-03DL	BP025772.D	17 Sep 2025 17:51	CG/JU	Ok,M
6	Q3015-22	BP025773.D	17 Sep 2025 19:13	CG/JU	Ok
7	PB169719BS	BP025774.D	17 Sep 2025 20:35	CG/JU	Ok,M
8	PB169719BSD	BP025775.D	17 Sep 2025 21:16	CG/JU	Ok
9	PB169719BL	BP025776.D	17 Sep 2025 21:56	CG/JU	Ok
10	SSTDCCC040	BP025777.D	17 Sep 2025 22:37	CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM		
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM		
SubDirectory	BP091925	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025791.D	19 Sep 2025 09:31	CG/JU	Ok
2	SSTDCCC040	BP025792.D	19 Sep 2025 10:12	CG/JU	Ok
3	PB169731TB	BP025793.D	19 Sep 2025 10:53	CG/JU	Ok
4	PB169672BS	BP025794.D	19 Sep 2025 11:34	CG/JU	Ok,M
5	Q3103-01	BP025795.D	19 Sep 2025 12:20	CG/JU	Ok
6	Q3108-01	BP025796.D	19 Sep 2025 13:01	CG/JU	Ok
7	Q3083-03	BP025797.D	19 Sep 2025 13:43	CG/JU	Ok
8	Q3117-02	BP025798.D	19 Sep 2025 14:24	CG/JU	Ok
9	Q3117-02MS	BP025799.D	19 Sep 2025 15:05	CG/JU	Ok
10	Q3117-02MSD	BP025800.D	19 Sep 2025 15:47	CG/JU	Ok
11	Q3098-04	BP025801.D	19 Sep 2025 16:28	CG/JU	Ok
12	Q3098-05MS	BP025802.D	19 Sep 2025 17:09	CG/JU	Ok
13	Q3098-06MSD	BP025803.D	19 Sep 2025 17:51	CG/JU	Ok,M
14	Q3133-03	BP025804.D	19 Sep 2025 18:32	CG/JU	Ok,M
15	Q3133-03MS	BP025805.D	19 Sep 2025 19:14	CG/JU	Ok
16	Q3133-03MSD	BP025806.D	19 Sep 2025 19:55	CG/JU	Ok
17	Q3126-01	BP025807.D	19 Sep 2025 20:37	CG/JU	Dilution

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025724.D	11 Sep 2025 08:09		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56		CG/JU	Ok,M
3	SSTDICC005	SSTDICC005	BP025726.D	11 Sep 2025 09:37		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025727.D	11 Sep 2025 10:18		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025728.D	11 Sep 2025 10:59		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	Compound#54 & 56 are Kept on LR	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025730.D	11 Sep 2025 13:02	Not Used	CG/JU	Not Ok
8	SSTDICC060	SSTDICC060	BP025731.D	11 Sep 2025 13:43		CG/JU	Ok
9	SSTDICC080	SSTDICC080	BP025732.D	11 Sep 2025 14:24		CG/JU	Ok
10	SSTDICC050	SSTDICC050	BP025733.D	11 Sep 2025 15:20		CG/JU	Ok,M
11	SSTDICV040	ICVBP091225	BP025734.D	11 Sep 2025 16:54		CG/JU	Ok,M
12	PB169633BL	PB169633BL	BP025735.D	11 Sep 2025 17:35		CG/JU	Ok
13	DFTPP	DFTPP	BP025736.D	12 Sep 2025 09:03		CG/JU	Ok
14	SSTDCCC040	SSTDCCC040	BP025737.D	12 Sep 2025 10:24		CG/JU	Ok
15	PB169490BL	PB169490BL	BP025738.D	12 Sep 2025 11:05		CG/JU	Ok
16	Q2893-02	LOQ-SOIL-02-QT3-202	BP025739.D	12 Sep 2025 11:46	LOQ-SOIL-10PPM	CG/JU	Ok,M
17	Q2893-08	LOQ-WATER-02-QT3-2	BP025740.D	12 Sep 2025 12:27	LOQ-WATER-10 PPM	CG/JU	Ok,M

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2893-01	LOD-MDL-SOIL-01-QT	BP025741.D	12 Sep 2025 13:08	LOD-MDL-SOIL-8PPM	CG/JU	Ok,M
19	Q2893-07	LOD-MDL-WATER-01-(	BP025742.D	12 Sep 2025 13:49	LOD-MDL-WATER-8PPM	CG/JU	Ok,M
20	PB169499BL	PB169499BL	BP025743.D	12 Sep 2025 14:30		CG/JU	Ok
21	SSTDCCC040	SSTDCCC040EC	BP025744.D	12 Sep 2025 15:35		CG/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM		
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM		
SubDirectory	BP091725	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025768.D	17 Sep 2025 11:22		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025769.D	17 Sep 2025 12:03		CG/JU	Ok
3	PB169672BL	PB169672BL	BP025770.D	17 Sep 2025 14:26		CG/JU	Ok
4	Q3015-03	WP0925-PT-BN-WP	BP025771.D	17 Sep 2025 15:07	PT Sample-Need 5X dilution	CG/JU	Dilution
5	Q3015-03DL	WP0925-PT-BN-WPDL	BP025772.D	17 Sep 2025 17:51		CG/JU	Ok,M
6	Q3015-22	WP0925-RR-TRIAZINE	BP025773.D	17 Sep 2025 19:13		CG/JU	Ok
7	PB169719BS	PB169719BS	BP025774.D	17 Sep 2025 20:35		CG/JU	Ok,M
8	PB169719BSD	PB169719BSD	BP025775.D	17 Sep 2025 21:16		CG/JU	Ok
9	PB169719BL	PB169719BL	BP025776.D	17 Sep 2025 21:56		CG/JU	Ok
10	SSTDCCC040	SSTDCCC040EC	BP025777.D	17 Sep 2025 22:37		CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM		
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM		
SubDirectory	BP091925	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025791.D	19 Sep 2025 09:31		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025792.D	19 Sep 2025 10:12		CG/JU	Ok
3	PB169731TB	PB169731TB	BP025793.D	19 Sep 2025 10:53		CG/JU	Ok
4	PB169672BS	PB169672BS	BP025794.D	19 Sep 2025 11:34		CG/JU	Ok,M
5	Q3103-01	TW-WTS-14	BP025795.D	19 Sep 2025 12:20		CG/JU	Ok
6	Q3108-01	MW2	BP025796.D	19 Sep 2025 13:01		CG/JU	Ok
7	Q3083-03	MW3S	BP025797.D	19 Sep 2025 13:43		CG/JU	Ok
8	Q3117-02	7211986-357	BP025798.D	19 Sep 2025 14:24		CG/JU	Ok
9	Q3117-02MS	7211986-357MS	BP025799.D	19 Sep 2025 15:05		CG/JU	Ok
10	Q3117-02MSD	7211986-357MSD	BP025800.D	19 Sep 2025 15:47		CG/JU	Ok
11	Q3098-04	EFF-WW	BP025801.D	19 Sep 2025 16:28	Surrogate Fail	CG/JU	Ok
12	Q3098-05MS	EFF-WWMS	BP025802.D	19 Sep 2025 17:09		CG/JU	Ok
13	Q3098-06MSD	EFF-WWMSD	BP025803.D	19 Sep 2025 17:51		CG/JU	Ok,M
14	Q3133-03	VNJ-222	BP025804.D	19 Sep 2025 18:32		CG/JU	Ok,M
15	Q3133-03MS	VNJ-222MS	BP025805.D	19 Sep 2025 19:14		CG/JU	Ok
16	Q3133-03MSD	VNJ-222MSD	BP025806.D	19 Sep 2025 19:55		CG/JU	Ok
17	Q3126-01	OK-01-091725	BP025807.D	19 Sep 2025 20:37	Need Further 2X Dilution	CG/JU	Dilution

M : Manual Integration

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EXTRACTION LOGPAGE

PB169719

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	09/17/2025
Matrix :	Water			**Extraction Start Time :**	09:05
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	09/17/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	14:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	ritesh

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
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	E3973
Baked Na2SO4	N/A	EP2639
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/17/25	RJ (Ext-lab)	RC/SVOC
14:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169719

Analytical Method: M3510C,3580A-Extraction SVOC-21 **Concentration Date:** 09/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169719BL	SBLK719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			SEP-1
PB169719BS	SLCS719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			2
PB169719BSD	SLCSD719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			3
Q3015-03	WP0925-PT-BN-WP	SVOCMS Group1	1000	6	ritesh	Evelyn	1			4
Q3015-06	WP0925-PT-ACIDS-WP	SVOCMS Group2	1000	6	ritesh	Evelyn	1			5
Q3015-22	WP0925-RR-TRIAZINE-WP	SVOCMS Group6	1000	6	ritesh	Evelyn	1			6
Q3083-03	MW3S	SVOCMS Group2	1000	6	ritesh	Evelyn	1	F		7
Q3103-01	TW-WTS-14	SVOCMS Group4	1000	6	ritesh	Evelyn	1	D		8
Q3108-01	MW2	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		9

RJ
9/17

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

1697/5 9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3108 **WorkList ID :** 191910 **Department :** Extraction **Date :** 09-17-2025 09:00:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3015-03	WP0925-PT-BN-WP	Water	SVOCMS Group1	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8270E
Q3015-06	WP0925-PT-ACIDS-WP	Water	SVOCMS Group2	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8270E
Q3015-22	WP0925-RR-TRIAZINE-WP	Water	SVOCMS Group6	Cool 4 deg C	ALLI03	QA Of	09/05/2025	8270E
Q3083-03	MW3S	Water	SVOCMS Group2	Cool 4 deg C	GENV01	D31	09/11/2025	8270E
Q3103-01	TW-WTS-14	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	J22	09/15/2025	8270E
Q3108-01	MW2	Water	SVOCMS Group1	Cool 4 deg C	GENV01	A11	09/15/2025	8270E

Date/Time 9/17/25 9:00
Raw Sample Received by: RJ (EZL-Lab)
Raw Sample Relinquished by: SM

Date/Time 9/17/25 9:30
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (EZL-Lab)

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

LAB CHRONICLE

OrderID:	Q3108	**OrderDate:**	9/16/2025 10:59:00 AM
Client:	G Environmental	**Project:**	61 Laurel Street
Contact:	Gary Landis	**Location:**	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3108-01	**MW2**	**Water**			**09/15/25**			**09/16/25**
			SVOCMS Group1	8270E		09/17/25	09/19/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

QUOTE NO. Q 3108

COC Number 2047923

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: GECP INC

ADDRESS: 8 Clarence

CITY Secaucus STATE NJ ZIP: 07094

ATTENTION:

PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 61 Laurel

PROJECT NO.: LOCATION: NJ

PROJECT MANAGER:

e-mail:

PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC PO#:

ADDRESS: 8 Clarence

CITY Secaucus STATE: NJ ZIP:

ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): STANDARD DAYS*

EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☒ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other

☒ EDD FORMAT Excel EQuIS edd format

ANALYSIS

1: 2 TCL VOCs 3. TCL BNAs (w/ Naphthalene) 4 5: 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9
									HCl	X						
1.	MW2	GW		X	9/15/25	1000	4		X	X						
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

COMMENTS

← Specify Preservatives

A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER: 1.	DATE/TIME: 1055 9-16-25	RECEIVED BY: 1. 1055 9-16-25
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.3 °C

Comments: MW2 VOC | BN +15 (naphthalene) (No Sims)

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3108 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 9/16/2025 10:59:00 AM
Project Name : 61 Laurel Street
Receive DateTime : 9/16/2025 10:55:00 AM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3108-01	MW2	Water	09/15/2025	10:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinquished By :
Date / Time : 9/16/25 1215

Received By :
Date / Time : 09/16/25 12:25 Rg #4
Storage Area : VOA Refridgerator Room