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

Hit Summary Sheet
SW-846

SDG No.: Q2920

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW1**								
Q2920-01	MW1	Water	Acetone		9.00		1.50	5.00	ug/L
Q2920-01	MW1	Water	2-Butanone		4.20	J	0.98	5.00	ug/L
			Total Voc :		13.2				
Q2920-01	MW1	Water	unknown8.741	*	9.90	J	0	0	ug/L
Q2920-01	MW1	Water	Butane, 2,3-dimethyl-	*	6.30	J	0	0	ug/L
Q2920-01	MW1	Water	Pentane, 3-methyl-	*	8.10	J	0	0	ug/L
Q2920-01	MW1	Water	Pentane, 2,3,3-trimethyl-	*	8.50	J	0	0	ug/L
Q2920-01	MW1	Water	Pentane, 2,3-dimethyl-	*	14.4	J	0	0	ug/L
Q2920-01	MW1	Water	Heptane, 4-methyl-	*	7.40	J	0	0	ug/L
Q2920-01	MW1	Water	Hexane, 2-methyl-	*	5.70	J	0	0	ug/L
Q2920-01	MW1	Water	Cyclopentane, 1,2,4-trimethyl-	*	6.00	J	0	0	ug/L
Q2920-01	MW1	Water	Cyclopentane, 1,1,3-trimethyl-	*	9.30	J	0	0	ug/L
Q2920-01	MW1	Water	Isopropylbenzene	*	1.70	J	0.12	1.00	ug/L
Q2920-01	MW1	Water	n-propylbenzene	*	2.60	J	0.13	1.00	ug/L
			Total Tics :		79.9				
			Total Concentration:		93.1				

SAMPLE DATA

Raw Data: **VN087658.D**

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

Client:	G Environmental		Date Collected:	08/19/25	
Project:	Dover		Date Received:	08/20/25	
Client Sample ID:	MW1		SDG No.:	Q2920	
Lab Sample ID:	Q2920-01		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
VN087658.D	1	08/25/25 15:22	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
75-65-0	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	9.00		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
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
78-93-3	2-Butanone	4.20	J	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
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
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
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
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

Raw Data: **VN087658.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	08/19/25
Project:	Dover	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2920
Lab Sample ID:	Q2920-01	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
VN087658.D	1	08/25/25 15:22	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	184000	8.212			
540-36-3	1,4-Difluorobenzene	416000	9.082			
3114-55-4	Chlorobenzene-d5	391000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	178000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						
000079-29-8	Butane, 2,3-dimethyl-	6.30	J		5.26	ug/L
000096-14-0	Pentane, 3-methyl-	8.10	J		5.80	ug/L
000591-76-4	Hexane, 2-methyl-	5.70	J		7.21	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	14.4	J		8.31	ug/L
	unknown8.741	9.90	J		8.74	ug/L
004516-69-2	Cyclopentane, 1,1,3-trimethyl-	9.30	J		9.54	ug/L
002815-58-9	Cyclopentane, 1,2,4-trimethyl-	6.00	J		9.85	ug/L
000589-53-7	Heptane, 4-methyl-	7.40	J		9.99	ug/L
000560-21-4	Pentane, 2,3,3-trimethyl-	8.50	J		10.1	ug/L
98-82-8	Isopropylbenzene	1.70	J		12.7	ug/L
103-65-1	n-propylbenzene	2.60	J		13.0	ug/L

Raw Data: **VN087658.D**

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Report of Analysis

Client:	G Environmental		Date Collected:	08/19/25	
Project:	Dover		Date Received:	08/20/25	
Client Sample ID:	MW1		SDG No.:	Q2920	
Lab Sample ID:	Q2920-01		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
VN087658.D	1	08/25/25 15:22	VN082525

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

Raw Data: **VN087655.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:	08/19/25	
Project:	Dover		Date Received:	08/20/25	
Client Sample ID:	FB		SDG No.:	Q2920	
Lab Sample ID:	Q2920-02		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
VN087655.D	1	08/25/25 14:19	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
75-65-0	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
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
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
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
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
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
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	08/19/25
Project:	Dover	Date Received:	08/20/25
Client Sample ID:	FB	SDG No.:	Q2920
Lab Sample ID:	Q2920-02	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
VN087655.D	1	08/25/25 14:19	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	47.8		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	185000	8.212			
540-36-3	1,4-Difluorobenzene	427000	9.082			
3114-55-4	Chlorobenzene-d5	403000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	184000	13.77			

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.: Q2920

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2920-01	MW1	1,2-Dichloroethane-d4	50	52.3	104		74	125
		Dibromofluoromethane	50	48.1	96		75	124
		Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	47.0	94		77	121
Q2920-02	FB	1,2-Dichloroethane-d4	50	53.5	107		74	125
		Dibromofluoromethane	50	48.9	98		75	124
		Toluene-d8	50	47.8	96		86	113
		4-Bromofluorobenzene	50	46.8	94		77	121
VN0825WBL01	VN0825WBL01	1,2-Dichloroethane-d4	50	52.3	105		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	48.2	96		86	113
		4-Bromofluorobenzene	50	46.5	93		77	121
VN0825WBS01	VN0825WBS01	1,2-Dichloroethane-d4	50	46.9	94		74	125
		Dibromofluoromethane	50	46.0	92		75	124
		Toluene-d8	50	45.3	91		86	113
		4-Bromofluorobenzene	50	44.8	90		77	121
VN0825WBSD0	VN0825WBSD01	1,2-Dichloroethane-d4	50	46.4	93		74	125
		Dibromofluoromethane	50	46.9	94		75	124
		Toluene-d8	50	46.2	92		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.: Q2920 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087650.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBS01	Chloromethane	20	19.2	ug/L	96			65	116	
	Vinyl chloride	20	18.6	ug/L	93			65	117	
	Bromomethane	20	19.5	ug/L	98			58	125	
	Chloroethane	20	18.3	ug/L	92			56	128	
	Tert butyl alcohol	100	94.1	ug/L	94			48	142	
	1,1-Dichloroethene	20	17.9	ug/L	90			74	110	
	Acetone	100	92.7	ug/L	93			60	125	
	Carbon disulfide	20	18.3	ug/L	92			64	112	
	Methyl tert-butyl Ether	20	18.0	ug/L	90			78	114	
	Methylene Chloride	20	17.7	ug/L	89			72	114	
	trans-1,2-Dichloroethene	20	17.0	ug/L	85			75	108	
	1,1-Dichloroethane	20	17.7	ug/L	89			78	112	
	2-Butanone	100	90.9	ug/L	91			65	122	
	Carbon Tetrachloride	20	18.0	ug/L	90			77	113	
	cis-1,2-Dichloroethene	20	17.3	ug/L	86			77	110	
	Chloroform	20	17.8	ug/L	89			79	113	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			80	108	
	Benzene	20	17.4	ug/L	87			82	109	
	1,2-Dichloroethane	20	17.3	ug/L	86			80	115	
	Trichloroethene	20	17.1	ug/L	86			77	113	
	1,2-Dichloropropane	20	16.6	ug/L	83			83	111	
	Bromodichloromethane	20	17.2	ug/L	86			83	110	
	4-Methyl-2-Pentanone	100	88.3	ug/L	88			74	118	
	Toluene	20	17.4	ug/L	87			82	110	
	t-1,3-Dichloropropene	20	17.3	ug/L	86			79	110	
	cis-1,3-Dichloropropene	20	17.5	ug/L	88			82	110	
	1,1,2-Trichloroethane	20	17.8	ug/L	89			83	112	
	2-Hexanone	100	92.2	ug/L	92			73	117	
	Dibromochloromethane	20	16.6	ug/L	83			82	110	
	Tetrachloroethene	20	17.0	ug/L	85			67	123	
	Chlorobenzene	20	17.4	ug/L	87			82	109	
	Ethyl Benzene	20	17.8	ug/L	89			83	109	
	m/p-Xylenes	40	36.1	ug/L	90			82	110	
	o-Xylene	20	17.2	ug/L	86			83	109	
	Styrene	20	17.9	ug/L	90			80	111	
	Bromoform	20	18.2	ug/L	91			79	109	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			76	118	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2920 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087651.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0825WBSD01	Chloromethane	20	19.6	ug/L	98	2		65	116	21
	Vinyl chloride	20	19.0	ug/L	95	2		65	117	19
	Bromomethane	20	18.5	ug/L	93	5		58	125	20
	Chloroethane	20	18.0	ug/L	90	2		56	128	20
	Tert butyl alcohol	100	94.1	ug/L	94	0		48	142	30
	1,1-Dichloroethene	20	18.5	ug/L	93	3		74	110	20
	Acetone	100	85.6	ug/L	86	8		60	125	20
	Carbon disulfide	20	18.1	ug/L	91	1		64	112	20
	Methyl tert-butyl Ether	20	18.5	ug/L	93	3		78	114	20
	Methylene Chloride	20	18.0	ug/L	90	1		72	114	20
	trans-1,2-Dichloroethene	20	17.2	ug/L	86	1		75	108	16
	1,1-Dichloroethane	20	17.3	ug/L	86	3		78	112	20
	2-Butanone	100	90.5	ug/L	91	0		65	122	26
	Carbon Tetrachloride	20	19.2	ug/L	96	6		77	113	15
	cis-1,2-Dichloroethene	20	17.9	ug/L	90	5		77	110	20
	Chloroform	20	18.2	ug/L	91	2		79	113	20
	1,1,1-Trichloroethane	20	17.7	ug/L	89	2		80	108	20
	Benzene	20	18.4	ug/L	92	6		82	109	15
	1,2-Dichloroethane	20	18.7	ug/L	94	9		80	115	20
	Trichloroethene	20	18.1	ug/L	91	6		77	113	15
	1,2-Dichloropropane	20	18.1	ug/L	91	9		83	111	16
	Bromodichloromethane	20	18.7	ug/L	94	9		83	110	16
	4-Methyl-2-Pentanone	100	98.0	ug/L	98	11		74	118	25
	Toluene	20	18.3	ug/L	92	6		82	110	16
	t-1,3-Dichloropropene	20	19.0	ug/L	95	10		79	110	20
	cis-1,3-Dichloropropene	20	18.4	ug/L	92	4		82	110	16
	1,1,2-Trichloroethane	20	18.7	ug/L	94	5		83	112	20
	2-Hexanone	100	97.4	ug/L	97	5		73	117	25
	Dibromochloromethane	20	18.2	ug/L	91	9		82	110	20
	Tetrachloroethene	20	16.9	ug/L	85	0		67	123	15
	Chlorobenzene	20	17.7	ug/L	89	2		82	109	15
	Ethyl Benzene	20	18.0	ug/L	90	1		83	109	16
	m/p-Xylenes	40	36.1	ug/L	90	0		82	110	15
	o-Xylene	20	18.2	ug/L	91	6		83	109	20
	Styrene	20	18.5	ug/L	93	3		80	111	17
	Bromoform	20	18.4	ug/L	92	1		79	109	20
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97	6		76	118	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0825WBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2920

Lab File ID: VN087649.D Lab Sample ID: VN0825WBL01

Date Analyzed: 08/25/2025 Time Analyzed: 10:33

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
VN0825WBS01	VN0825WBS01	VN087650.D	08/25/2025
VN0825WBSD01	VN0825WBSD01	VN087651.D	08/25/2025
FB	Q2920-02	VN087655.D	08/25/2025
MW1	Q2920-01	VN087658.D	08/25/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2920

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.: Q2920

Lab File ID: VN087646.D | BFB Injection Date: 08/25/2025

Instrument ID: MSVOA_N | BFB Injection Time: 08:15

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	23.8
75	30.0 - 60.0% of mass 95	58.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.5 (0.8) 1
174	50.0 - 100.0% of mass 95	68.5
175	5.0 - 9.0% of mass 174	6.1 (9) 1
176	95.0 - 101.0% of mass 174	66.8 (97.4) 1
177	5.0 - 9.0% of mass 176	4.2 (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	VN087647.D	08/25/2025	09:37
VN0825WBL01	VN0825WBL01	VN087649.D	08/25/2025	10:33
VN0825WBS01	VN0825WBS01	VN087650.D	08/25/2025	12:21
VN0825WBSD01	VN0825WBSD01	VN087651.D	08/25/2025	12:56
FB	Q2920-02	VN087655.D	08/25/2025	14:19
MW1	Q2920-01	VN087658.D	08/25/2025	15:22

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2920

Lab File ID: VN087647.D Date Analyzed: 08/25/2025

Instrument ID: MSVOA_N Time Analyzed: 09:37

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	257927	8.21	497405	9.08	459274	11.85
UPPER LIMIT	515854	8.706	994810	9.583	918548	12.347
LOWER LIMIT	128964	7.706	248703	8.583	229637	11.347
EPA SAMPLE NO.						
MW1	184233	8.21	415914	9.08	391372	11.85
FB	184539	8.21	427250	9.08	403211	11.85
VN0825WBL01	190267	8.21	429125	9.08	403882	11.84
VN0825WBS01	223180	8.21	452330	9.08	403500	11.84
VN0825WBSD01	230804	8.21	442728	9.08	414378	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.: Q2920

Lab File ID: VN087647.D Date Analyzed: 08/25/2025

Instrument ID: MSVOA_N Time Analyzed: 09:37

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

	IS4 AREA #	RT #				
12 HOUR STD	238788	13.771				
UPPER LIMIT	477576	14.271				
LOWER LIMIT	119394	13.271				
EPA SAMPLE NO.						
MW1	178080	13.77				
FB	183679	13.77				
VN0825WBL01	182604	13.77				
VN0825WBS01	202288	13.77				
VN0825WBSD01	204092	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

Raw Data: **VN087649.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Dover		Date Received:		
Client Sample ID:	VN0825WBL01		SDG No.:	Q2920	
Lab Sample ID:	VN0825WBL01		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
VN087649.D	1	08/25/25 10:33	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
75-65-0	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
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
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
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
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
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
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Dover	Date Received:	
Client Sample ID:	VN0825WBL01	SDG No.:	Q2920
Lab Sample ID:	VN0825WBL01	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
VN087649.D	1	08/25/25 10:33	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.2		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	190000	8.212			
540-36-3	1,4-Difluorobenzene	429000	9.082			
3114-55-4	Chlorobenzene-d5	404000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.77			

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

Raw Data: **VN087650.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Dover		Date Received:		
Client Sample ID:	VN0825WBS01		SDG No.:	Q2920	
Lab Sample ID:	VN0825WBS01		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
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	19.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.6		0.26	1.00	ug/L
74-83-9	Bromomethane	19.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.3		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	94.1		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.9		0.23	1.00	ug/L
67-64-1	Acetone	92.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	1.00	ug/L
75-09-2	Methylene Chloride	17.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.7		0.23	1.00	ug/L
78-93-3	2-Butanone	90.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.3		0.19	1.00	ug/L
67-66-3	Chloroform	17.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	1.00	ug/L
71-43-2	Benzene	17.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	16.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	88.3		0.68	5.00	ug/L
108-88-3	Toluene	17.4		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.8		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	16.6		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	17.0		0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Dover	Date Received:	
Client Sample ID:	VN0825WBS01	SDG No.:	Q2920
Lab Sample ID:	VN0825WBS01	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
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	17.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.1		0.24	2.00	ug/L
95-47-6	o-Xylene	17.2		0.12	1.00	ug/L
100-42-5	Styrene	17.9		0.15	1.00	ug/L
75-25-2	Bromoform	18.2		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		75 - 124	92%	SPK: 50
2037-26-5	Toluene-d8	45.3		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.8		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	223000	8.206			
540-36-3	1,4-Difluorobenzene	452000	9.082			
3114-55-4	Chlorobenzene-d5	404000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	202000	13.77			

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

Raw Data: **VN087651.D**

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Dover		Date Received:		
Client Sample ID:	VN0825WBSD01		SDG No.:	Q2920	
Lab Sample ID:	VN0825WBSD01		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
VN087651.D	1	08/25/25 12:56	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	19.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	1.00	ug/L
74-83-9	Bromomethane	18.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.0		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	94.1		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
67-64-1	Acetone	85.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.5		0.16	1.00	ug/L
75-09-2	Methylene Chloride	18.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.3		0.23	1.00	ug/L
78-93-3	2-Butanone	90.5		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	17.9		0.19	1.00	ug/L
67-66-3	Chloroform	18.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
71-43-2	Benzene	18.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.0		0.68	5.00	ug/L
108-88-3	Toluene	18.3		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	97.4		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.2		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	16.9		0.23	1.00	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:	Dover	Date Received:	
Client Sample ID:	VN0825WBSD01	SDG No.:	Q2920
Lab Sample ID:	VN0825WBSD01	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
VN087651.D	1	08/25/25 12:56	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	17.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.1		0.24	2.00	ug/L
95-47-6	o-Xylene	18.2		0.12	1.00	ug/L
100-42-5	Styrene	18.5		0.15	1.00	ug/L
75-25-2	Bromoform	18.4		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.3		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.4		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	46.2		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	231000	8.206			
540-36-3	1,4-Difluorobenzene	443000	9.083			
3114-55-4	Chlorobenzene-d5	414000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	204000	13.771			

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2920

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
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
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
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
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
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
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
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
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9

* 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.

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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2920

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
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
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
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.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2920
Instrument ID: MSVOA_N
Calibration Date/Time: 08/25/2025 09:37
Lab File ID: VN087647.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
Chloromethane	0.730	0.705	0.1	-3.42	20
Vinyl Chloride	0.846	0.778		-8.04	20
Bromomethane	0.437	0.430		-1.6	20
Chloroethane	0.595	0.545		-8.4	20
Tert butyl alcohol	0.178	0.194		8.99	20
1,1-Dichloroethene	0.721	0.637		-11.65	20
Acetone	0.558	0.579		3.76	20
Carbon Disulfide	1.985	1.818		-8.41	20
Methyl tert-butyl Ether	2.704	2.628		-2.81	20
Methylene Chloride	0.948	0.767		-19.09	20
trans-1,2-Dichloroethene	0.781	0.689		-11.78	20
1,1-Dichloroethane	1.546	1.366	0.1	-11.64	20
2-Butanone	0.734	0.754		2.72	20
Carbon Tetrachloride	0.547	0.522		-4.57	20
cis-1,2-Dichloroethene	0.934	0.847		-9.31	20
Chloroform	1.578	1.444		-8.49	20
1,1,1-Trichloroethane	1.337	1.225		-8.38	20
Benzene	1.699	1.596		-6.06	20
1,2-Dichloroethane	0.653	0.611		-6.43	20
Trichloroethene	0.388	0.345		-11.08	20
1,2-Dichloropropane	0.448	0.413		-7.81	20
Bromodichloromethane	0.653	0.623		-4.59	20
4-Methyl-2-Pentanone	0.713	0.738		3.51	20
Toluene	1.053	0.966		-8.26	20
t-1,3-Dichloropropene	0.676	0.666		-1.48	20
cis-1,3-Dichloropropene	0.702	0.693		-1.28	20
1,1,2-Trichloroethane	0.407	0.405		-0.49	20
2-Hexanone	0.451	0.505		11.97	20
Dibromochloromethane	0.472	0.454		-3.81	20
Tetrachloroethene	0.347	0.307		-11.53	20
Chlorobenzene	1.244	1.143	0.3	-8.12	20
Ethyl Benzene	2.154	2.040		-5.29	20
m/p-Xylenes	0.790	0.773		-2.15	20
o-Xylene	0.774	0.738		-4.65	20
Styrene	1.297	1.307		0.77	20
Bromoform	0.317	0.327	0.1	3.15	20
1,1,2,2-Tetrachloroethane	1.391	1.318	0.3	-5.25	20
1,2-Dichloroethane-d4	1.024	0.883		-13.77	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2920

Instrument ID: MSVOA_N Calibration Date/Time: 08/25/2025 09:37

Lab File ID: VN087647.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
Dibromofluoromethane	0.361	0.318		-11.91	20
Toluene-d8	1.351	1.167		-13.62	20
4-Bromofluorobenzene	0.481	0.422		-12.27	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\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Time: Aug 26 01:36:41 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

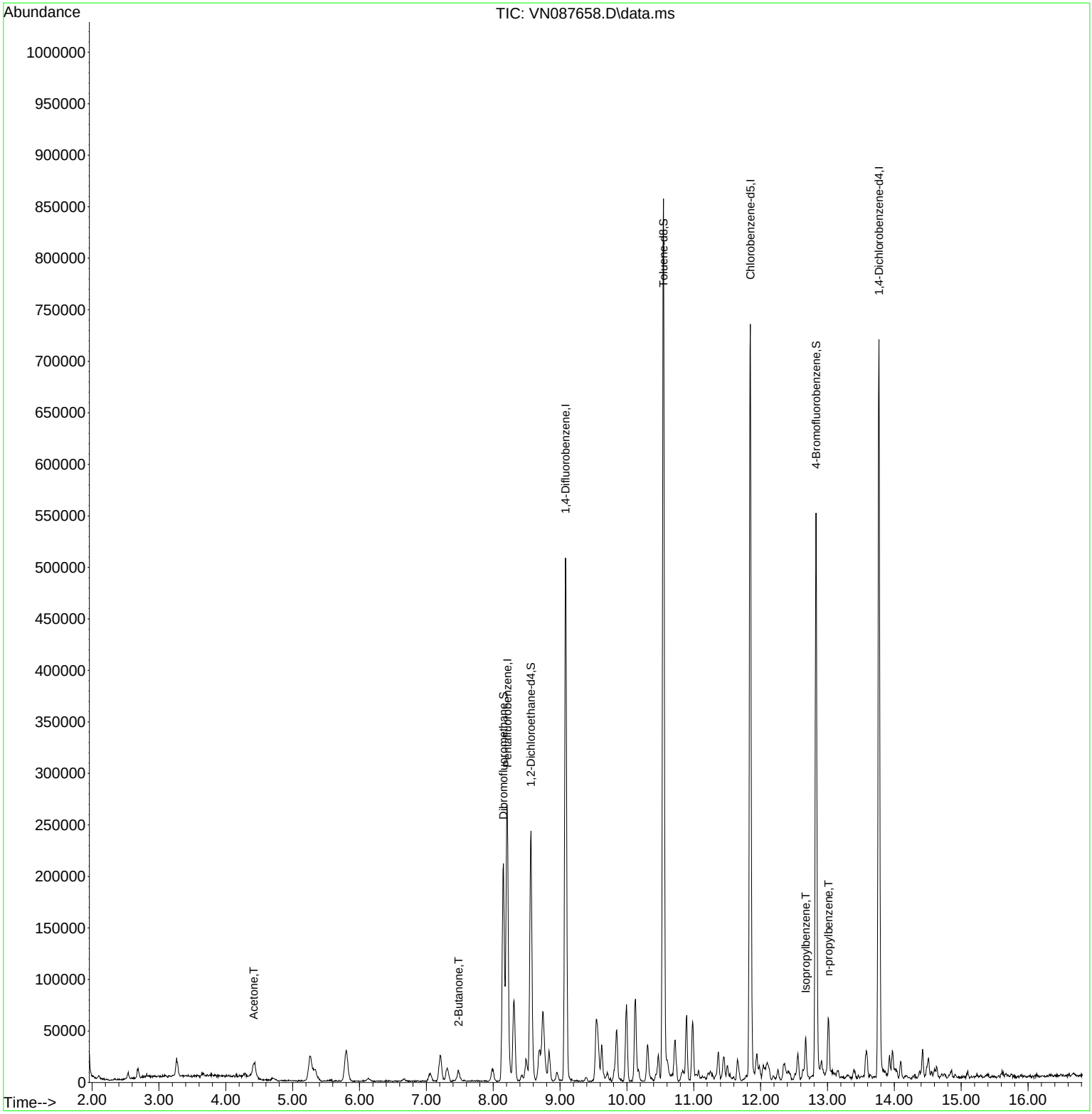
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	184233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	415914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	391372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	178080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	197226	52.249	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.500%			
35) Dibromofluoromethane	8.153	113	144402	48.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.180%			
50) Toluene-d8	10.547	98	549493	48.890	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	12.829	95	187900	47.010	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.020%			
Target Compounds						Qvalue
16) Acetone	4.418	43	18537	9.021	ug/l #	77
25) 2-Butanone	7.483	43	11382	4.210	ug/l	98
73) Isopropylbenzene	12.676	105	24619	1.711	ug/l	100
78) n-propylbenzene	13.017	91	46142	2.603	ug/l	96

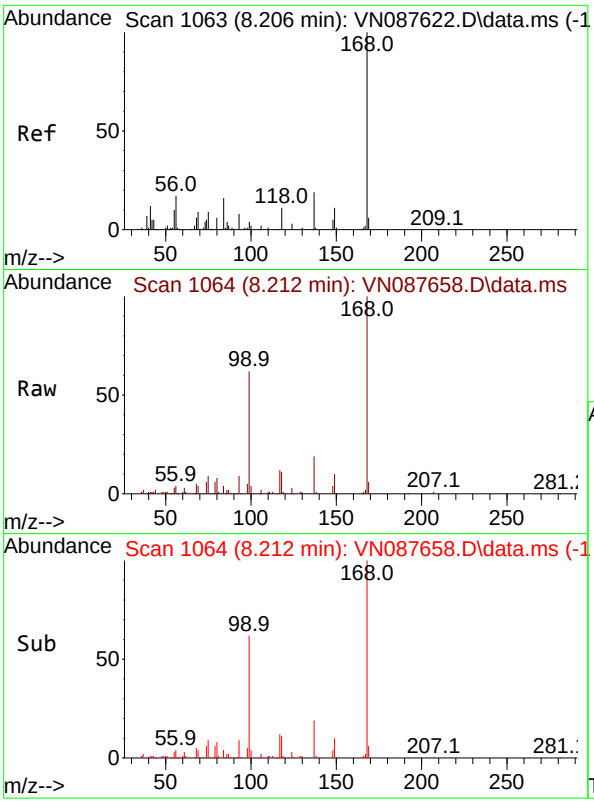
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Time: Aug 26 01:36:41 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



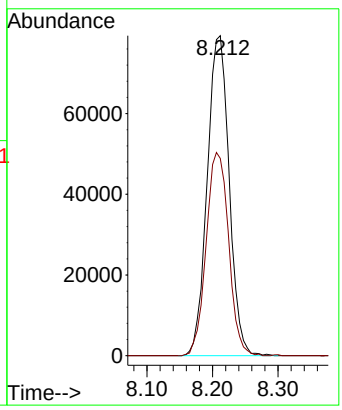


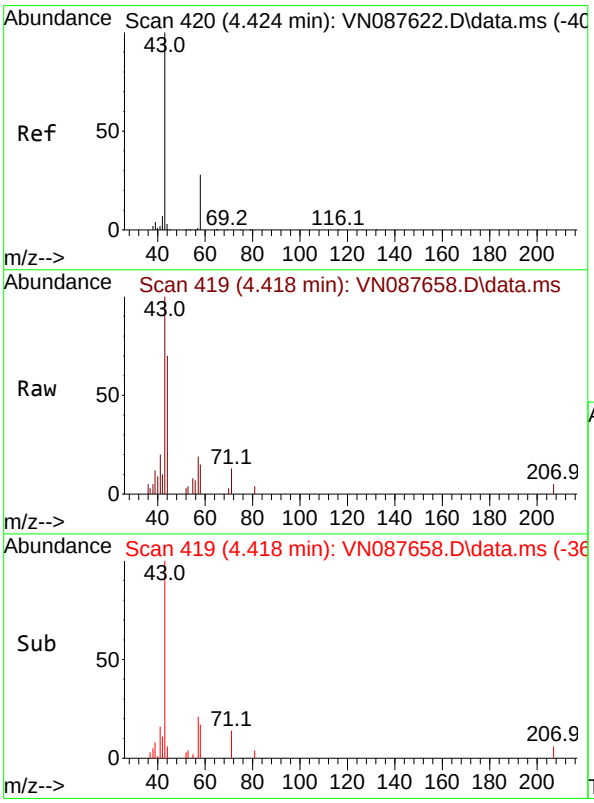
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:168 Resp: 184233

Ion	Ratio	Lower	Upper
168	100		
99	61.7	57.2	85.8

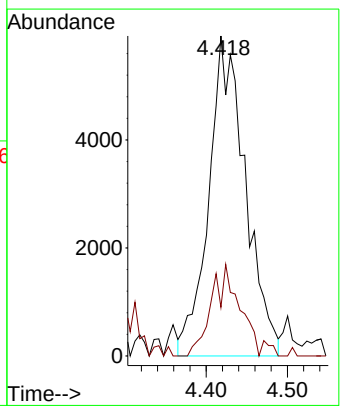


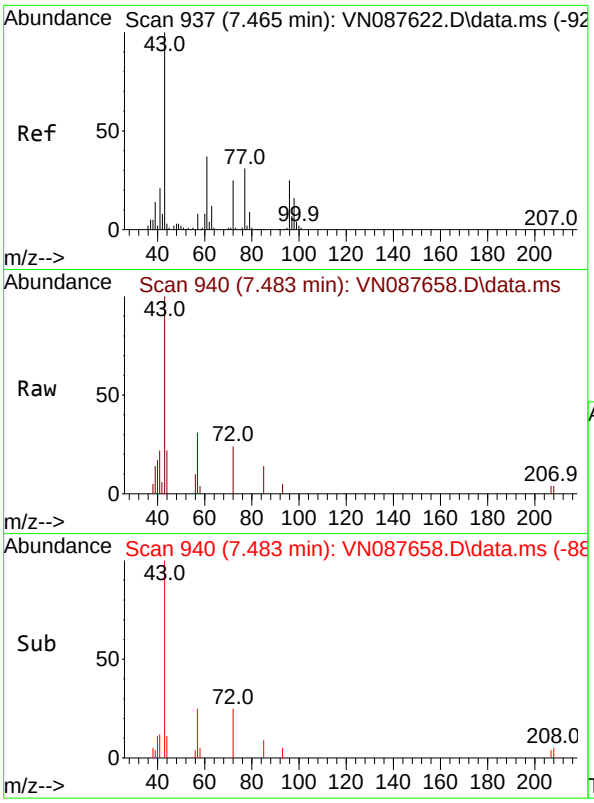


#16
Acetone
Concen: 9.021 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 43 Resp: 18537

Ion	Ratio	Lower	Upper
43	100		
58	16.0	22.6	33.8#



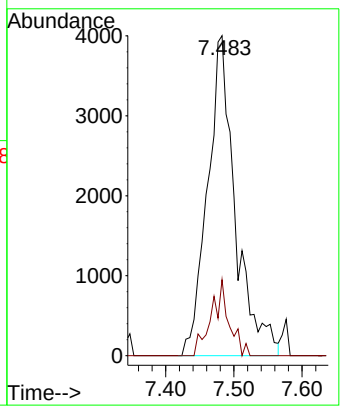


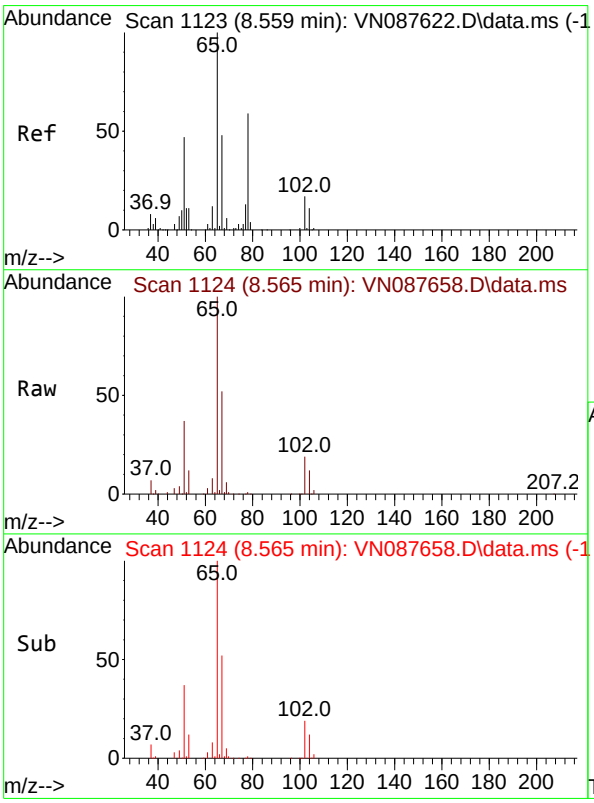
#25
2-Butanone
Concen: 4.210 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.017 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 43 Resp: 11382

Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.9	29.9

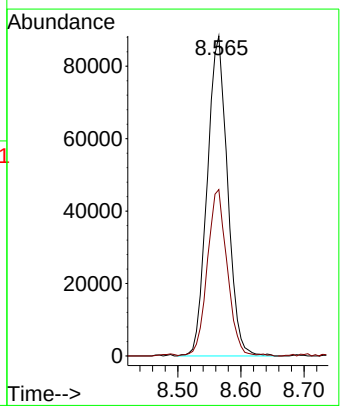


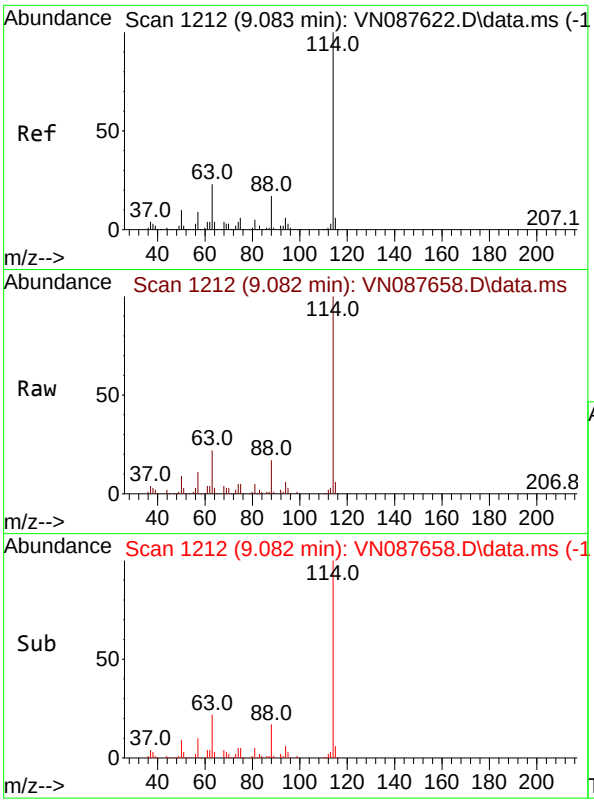


#33
1,2-Dichloroethane-d4
Concen: 52.249 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 65 Resp: 197226

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	100.0



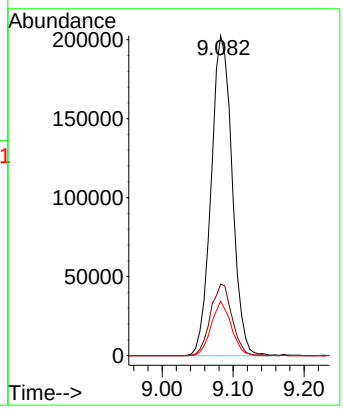


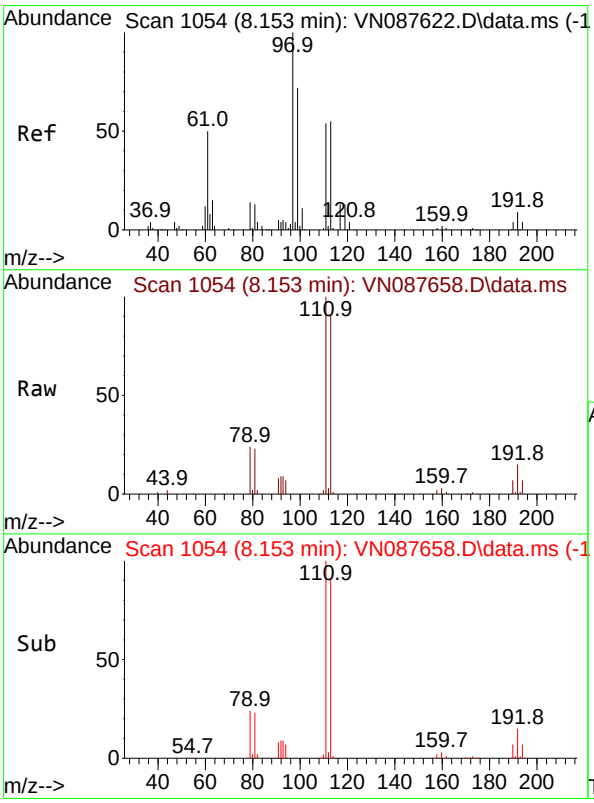
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:114 Resp: 415914

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.2
88	17.0	0.0	33.4

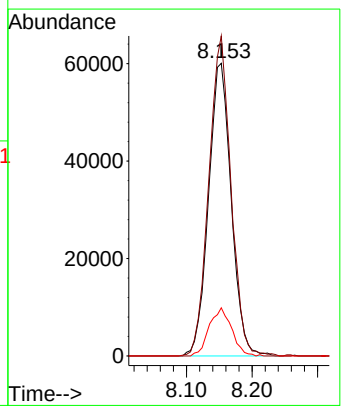


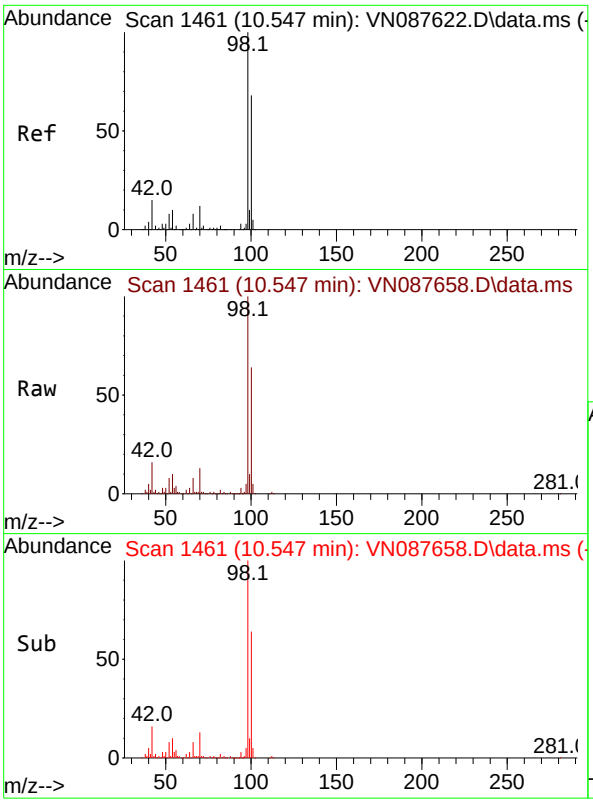


#35
Dibromofluoromethane
Concen: 48.088 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion:113 Resp: 144402

Ion	Ratio	Lower	Upper
113	100		
111	106.6	82.8	124.2
192	16.3	12.8	19.2



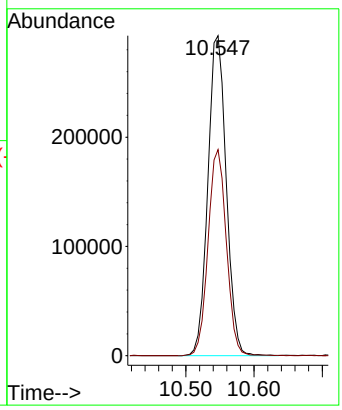


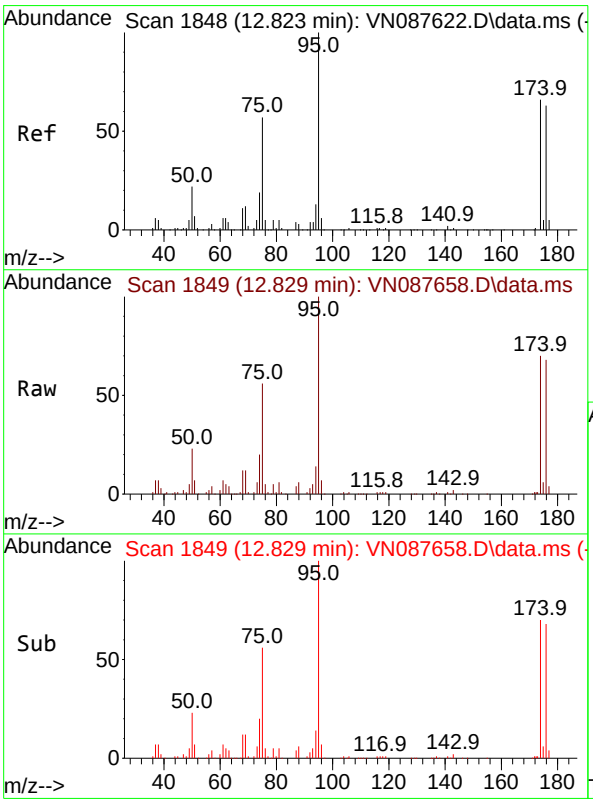
#50
Toluene-d8
Concen: 48.890 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 98 Resp: 549493

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.8	79.2

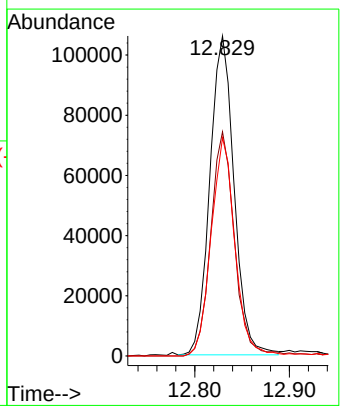


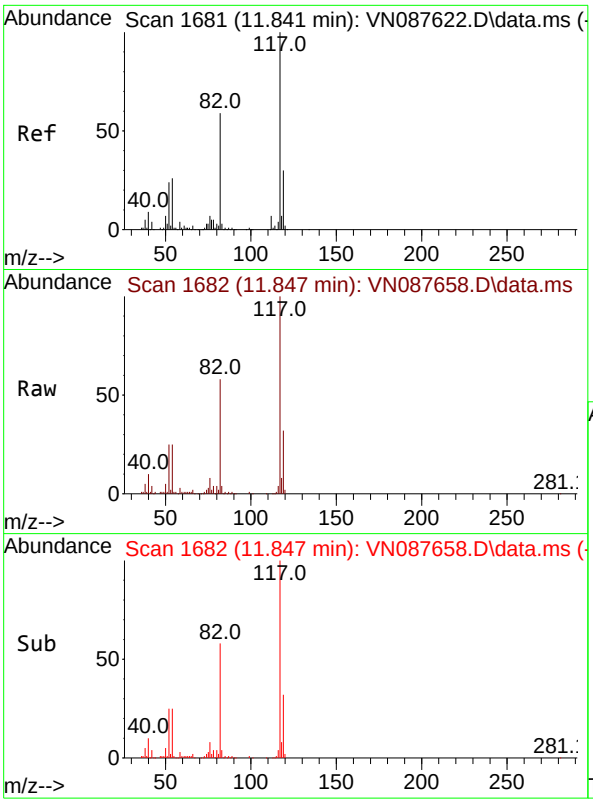


#62
4-Bromofluorobenzene
Concen: 47.010 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 95 Resp: 187900

Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	138.4
176	67.7	0.0	132.6



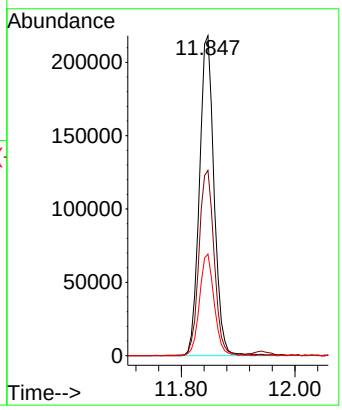


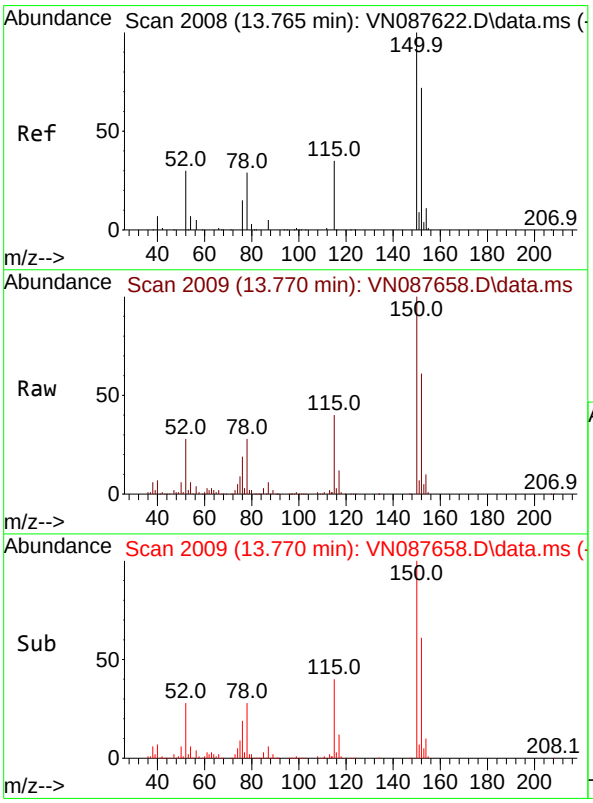
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:117 Resp: 391372

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.4	71.2
119	31.8	24.3	36.5

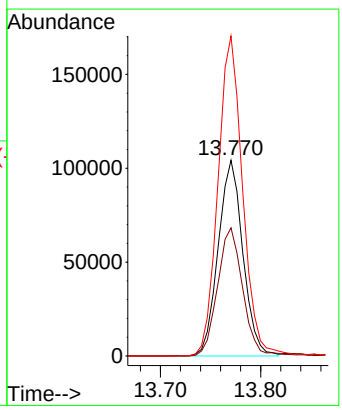


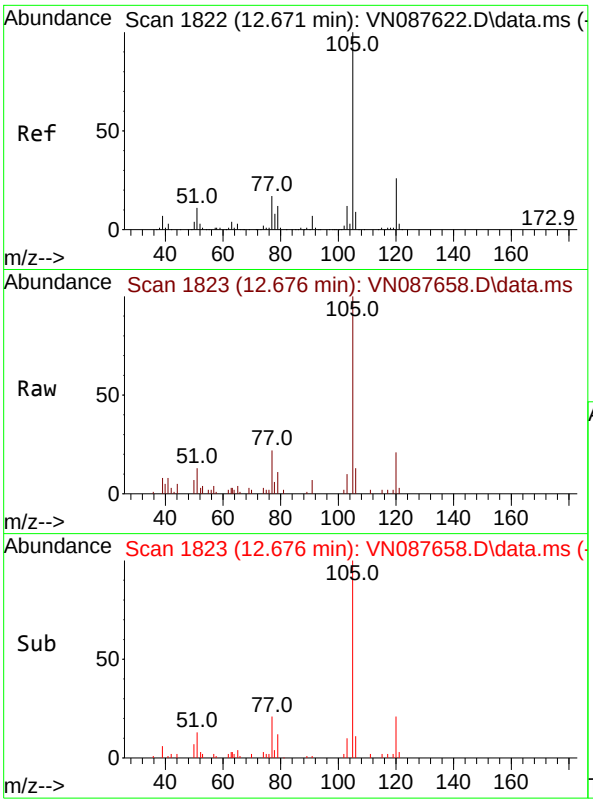


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion:152 Resp: 178080

Ion	Ratio	Lower	Upper
152	100		
115	66.8	32.3	96.8
150	163.8	0.0	351.0



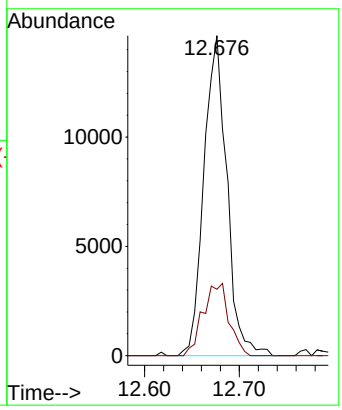


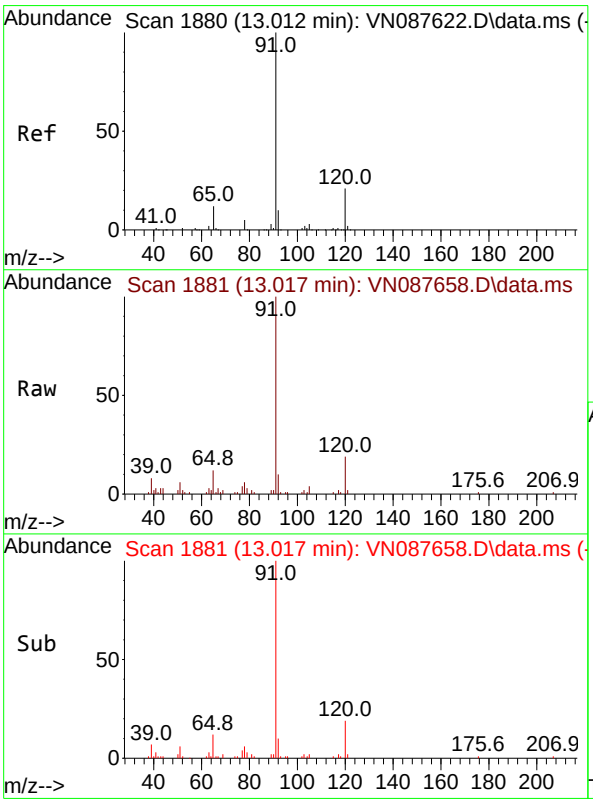
#73
Isopropylbenzene
Concen: 1.711 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:105 Resp: 24619

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.3

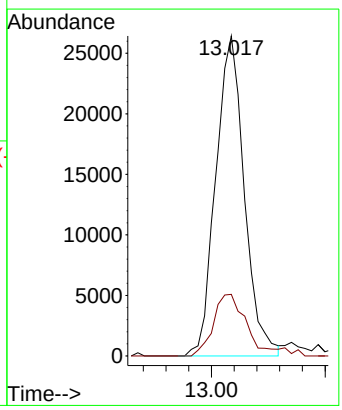




#78
n-propylbenzene
Concen: 2.603 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 91 Resp: 46142

Ion	Ratio	Lower	Upper
91	100		
120	23.2	10.7	32.1



Sample Results: **VN087658.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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: VN087658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.689	117	125	131	rBV2	10034	20778	1.30%	0.187%
2	3.265	217	223	232	rVB2	18087	38966	2.43%	0.352%
3	4.418	411	419	421	rBV4	11601	24775	1.54%	0.224%
4	5.259	551	562	569	rBV3	23582	82455	5.14%	0.744%
5	5.800	641	654	667	rBV3	30212	106216	6.62%	0.958%
6	7.059	859	868	874	rBV7	8182	23987	1.50%	0.216%
7	7.206	884	893	901	rBV4	25528	74912	4.67%	0.676%
8	7.312	904	911	921	rVB6	13153	38724	2.41%	0.349%
9	7.477	929	939	944	rBV5	10115	23645	1.47%	0.213%
10	7.988	1014	1026	1037	rVB4	12781	37591	2.34%	0.339%
11	8.153	1044	1054	1058	rBV	211071	495050	30.86%	4.467%
12	8.206	1058	1063	1074	rVV	267736	654720	40.82%	5.908%
13	8.312	1074	1081	1090	rVB	77836	188948	11.78%	1.705%
14	8.488	1105	1111	1117	rVV6	21314	54179	3.38%	0.489%
15	8.565	1117	1124	1136	rVV	242611	560268	34.93%	5.056%
16	8.694	1136	1146	1148	rVV5	29959	71851	4.48%	0.648%
17	8.741	1148	1154	1165	rVV2	66990	207937	12.96%	1.876%
18	8.835	1165	1170	1180	rVB4	29557	65288	4.07%	0.589%
19	8.953	1180	1190	1197	rBV4	8743	21667	1.35%	0.196%
20	9.082	1203	1212	1223	rBV	507469	1055756	65.82%	9.527%
21	9.541	1281	1290	1300	rBV7	59851	197017	12.28%	1.778%
22	9.624	1300	1304	1312	rVV3	34444	67454	4.21%	0.609%
23	9.706	1312	1318	1325	rVB4	8025	16697	1.04%	0.151%
24	9.847	1329	1342	1349	rBV4	49862	127165	7.93%	1.148%
25	9.994	1359	1367	1375	rVB2	74699	155134	9.67%	1.400%
26	10.129	1381	1390	1396	rBV2	80063	178679	11.14%	1.612%
27	10.312	1412	1421	1428	rBV3	35376	81371	5.07%	0.734%
28	10.471	1442	1448	1453	rVB3	22507	39274	2.45%	0.354%
29	10.547	1453	1461	1469	rBV	853268	1603971	100.00%	14.474%
30	10.723	1485	1491	1499	rVB4	40117	93786	5.85%	0.846%
31	10.835	1499	1510	1513	rBV4	10927	28646	1.79%	0.259%
32	10.894	1514	1520	1526	rVB2	62654	114388	7.13%	1.032%
33	10.982	1529	1535	1541	rBV3	56427	114418	7.13%	1.033%
34	11.371	1590	1601	1606	rBV7	26536	56486	3.52%	0.510%
35	11.447	1606	1614	1620	rBV4	21248	49048	3.06%	0.443%
36	11.506	1620	1624	1629	rVB5	10572	17473	1.09%	0.158%

Sample Results: **VN087658.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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	11.653	1644	1649	1660	rVB5	20856	45829	2.86%	0.414%
38	11.847	1674	1682	1693	rBV	730029	1318109	82.18%	11.895%
39	11.947	1693	1699	1703	rVV3	22925	50313	3.14%	0.454%
40	11.982	1703	1705	1710	rVV5	12317	16565	1.03%	0.149%
41	12.041	1710	1715	1718	rVV6	13231	25783	1.61%	0.233%
42	12.100	1721	1725	1736	rVB10	16907	51630	3.22%	0.466%
43	12.259	1746	1752	1758	rVB5	10038	19549	1.22%	0.176%
44	12.347	1760	1767	1768	rBV3	15368	23398	1.46%	0.211%
45	12.559	1797	1803	1809	rVB5	25319	49580	3.09%	0.447%
46	12.676	1818	1823	1829	rVB2	37972	66422	4.14%	0.599%
47	12.829	1842	1849	1859	rBV	546508	969721	60.46%	8.751%
48	12.912	1859	1863	1869	rVB7	12355	22462	1.40%	0.203%
49	13.012	1872	1880	1886	rBV	54598	103117	6.43%	0.931%
50	13.394	1941	1945	1951	rBV7	8344	16696	1.04%	0.151%
51	13.582	1971	1977	1983	rVB4	25603	57891	3.61%	0.522%
52	13.770	2002	2009	2023	rBV	716351	1264586	78.84%	11.412%
53	13.929	2031	2036	2040	rBV	19482	30972	1.93%	0.279%
54	13.970	2040	2043	2048	rVV3	19189	30856	1.92%	0.278%
55	14.094	2059	2064	2072	rVB7	16736	30906	1.93%	0.279%
56	14.423	2114	2120	2125	rVB3	27260	45020	2.81%	0.406%
57	14.511	2128	2135	2140	rVB9	16429	36675	2.29%	0.331%
58	14.629	2154	2155	2163	rVB6	11879	16812	1.05%	0.152%

Sum of corrected areas: 11081612

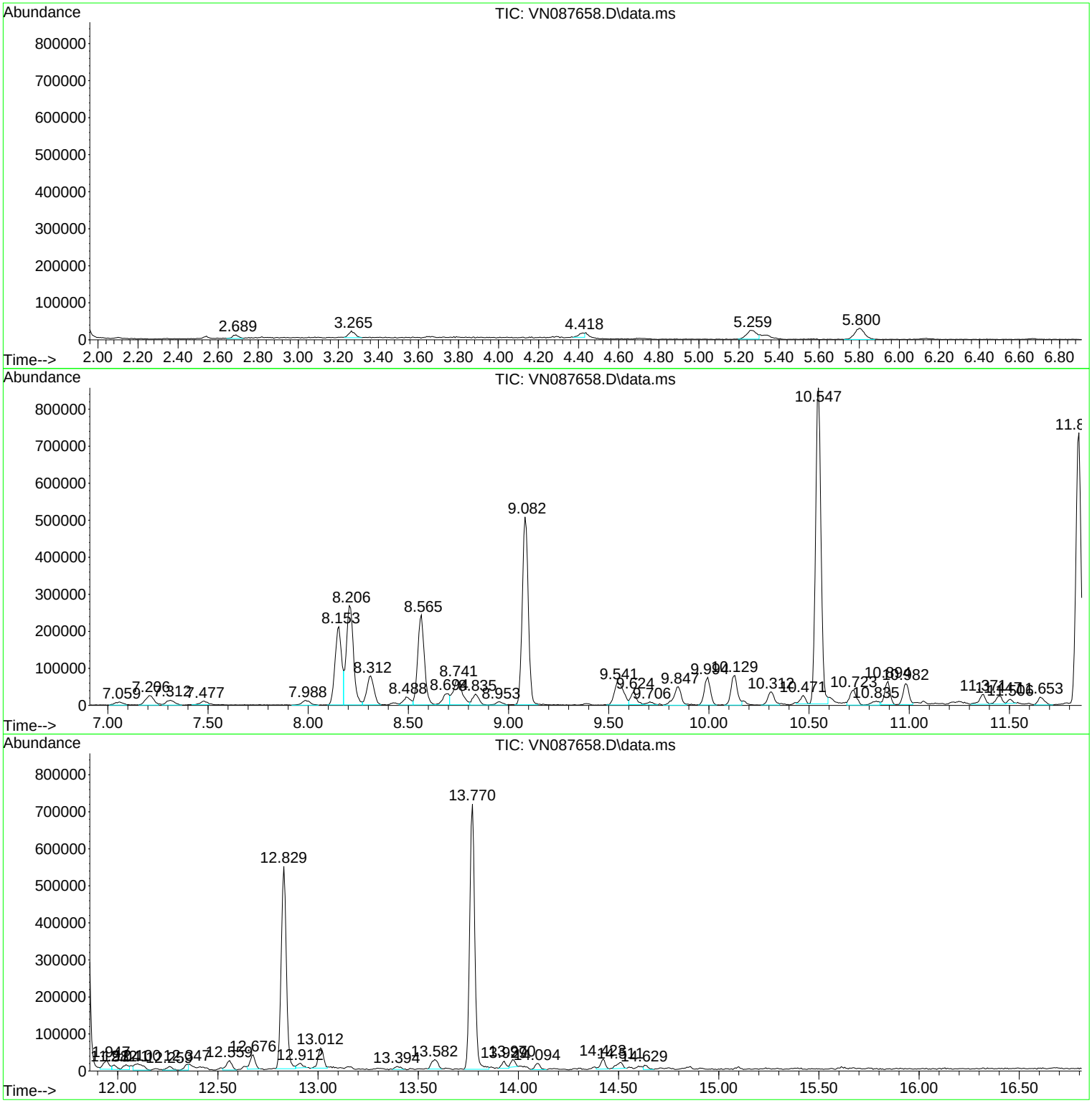
Sample Results: **VN087658.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

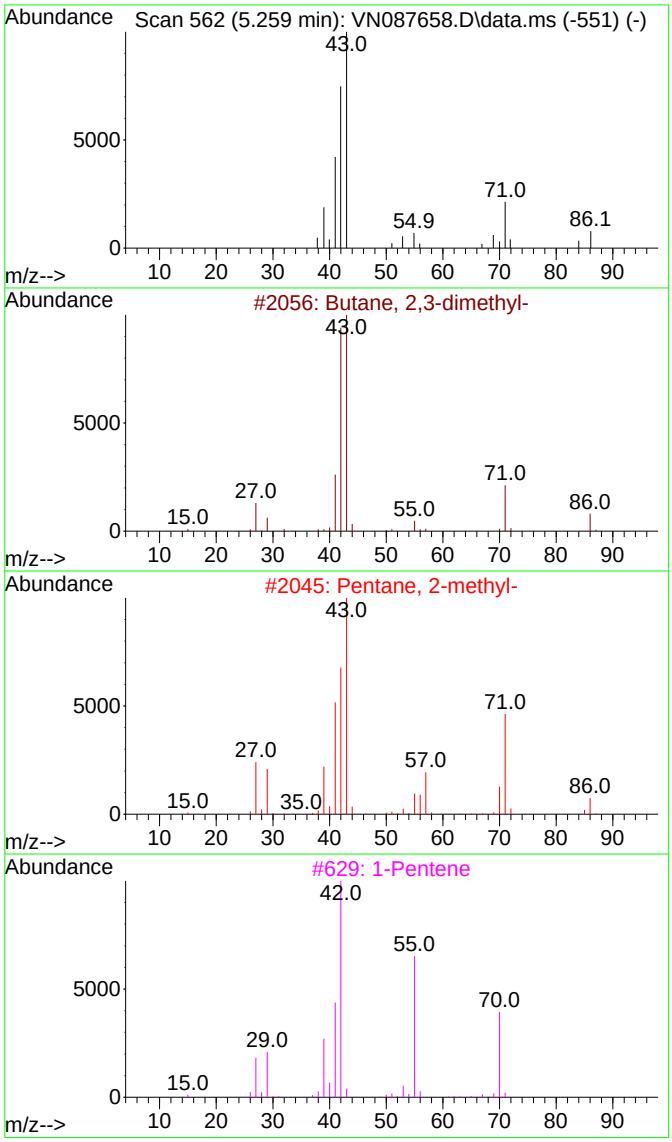
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

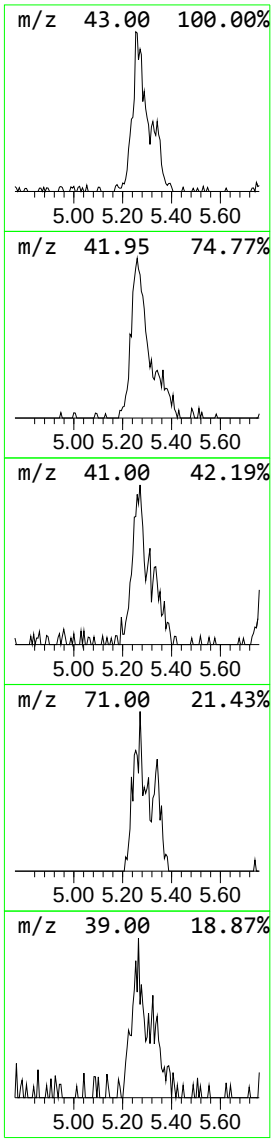
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.259	6.30 ug/l	82455	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3	1-Pentene	70	C5H10	000109-67-1	33
4	2-Oxetanone, 4-methylene-	84	C4H4O2	000674-82-8	9
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

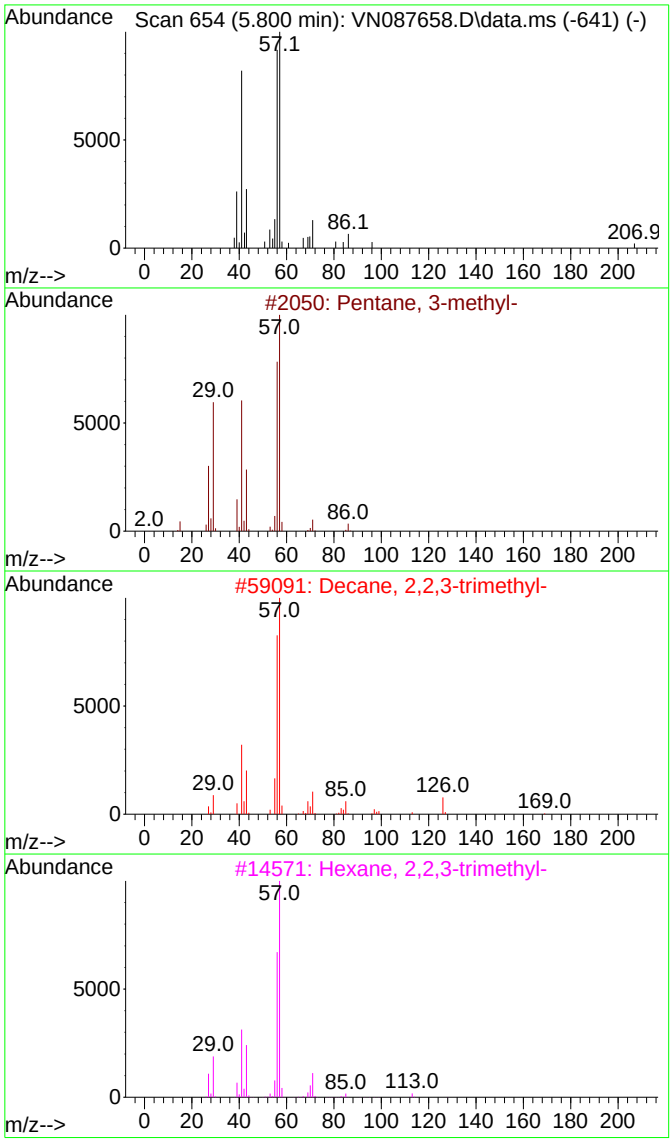
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

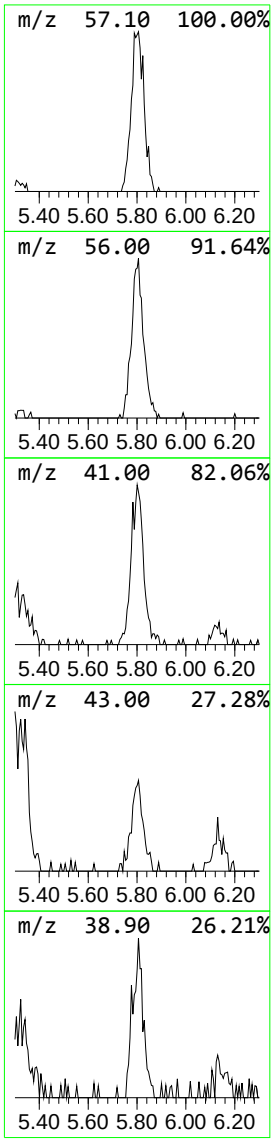
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.800	8.11 ug/l	106216	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
2	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	64
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50
4	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	45
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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

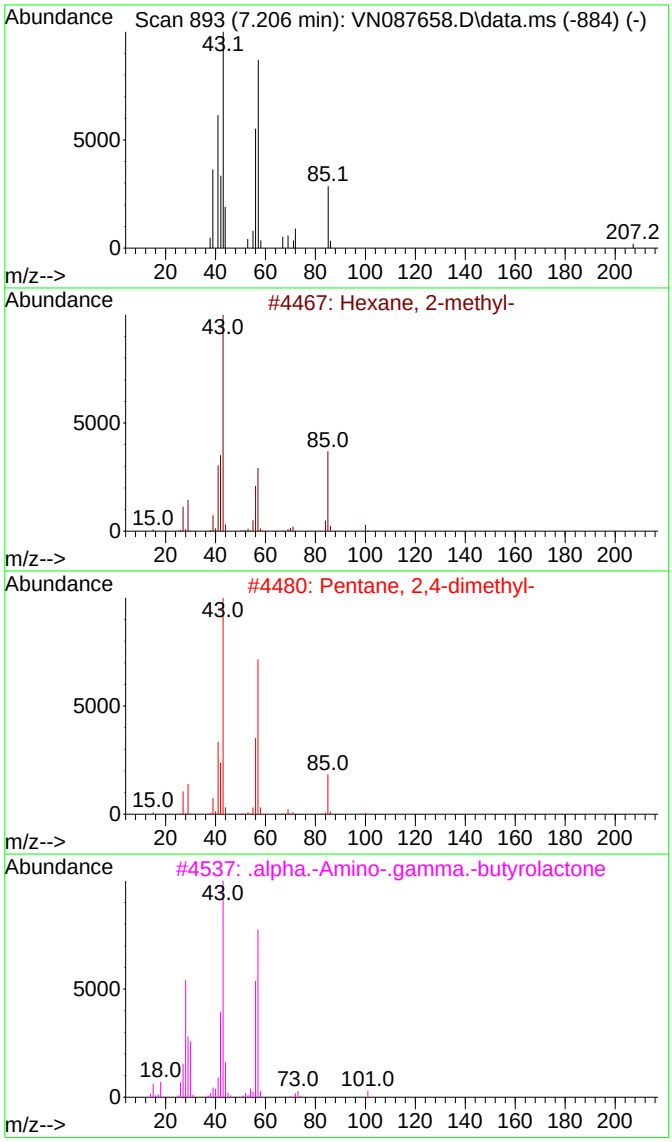
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

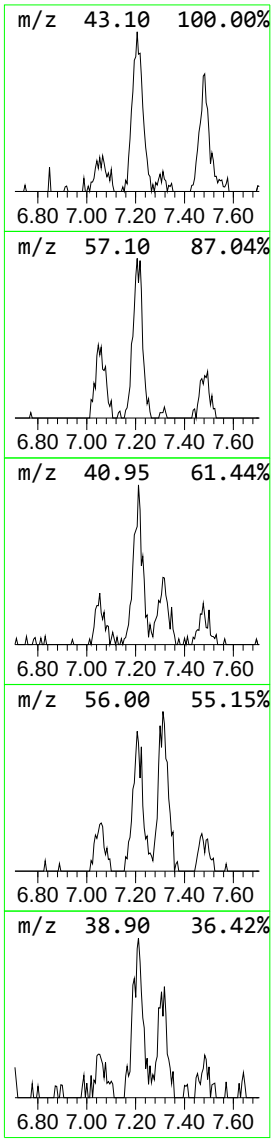
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.206	5.72 ug/l	74912	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	59
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	59
3	.alpha.-Amino-.gamma.-butyrolactone	101	C4H7NO2	001192-20-7	45
4	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	43
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

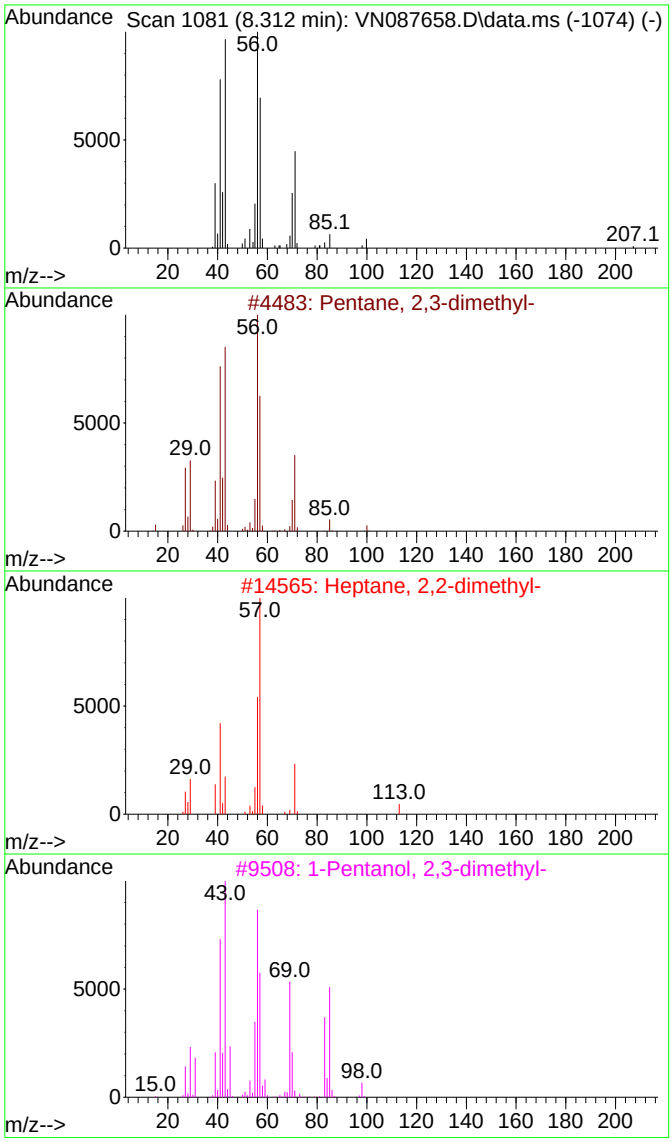
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

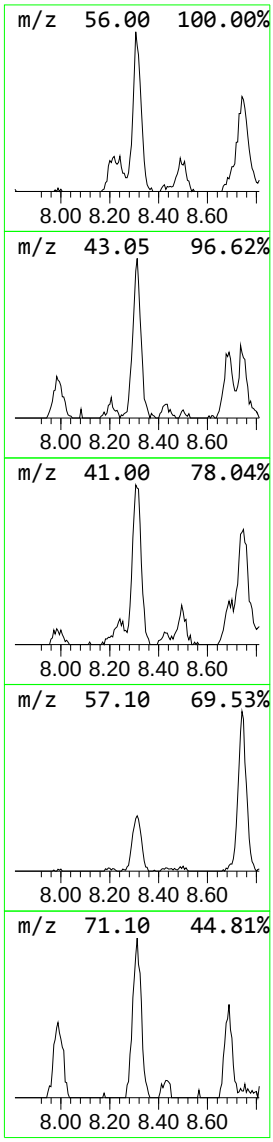
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.312	14.43 ug/l	188948	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
3	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	45
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	42
5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

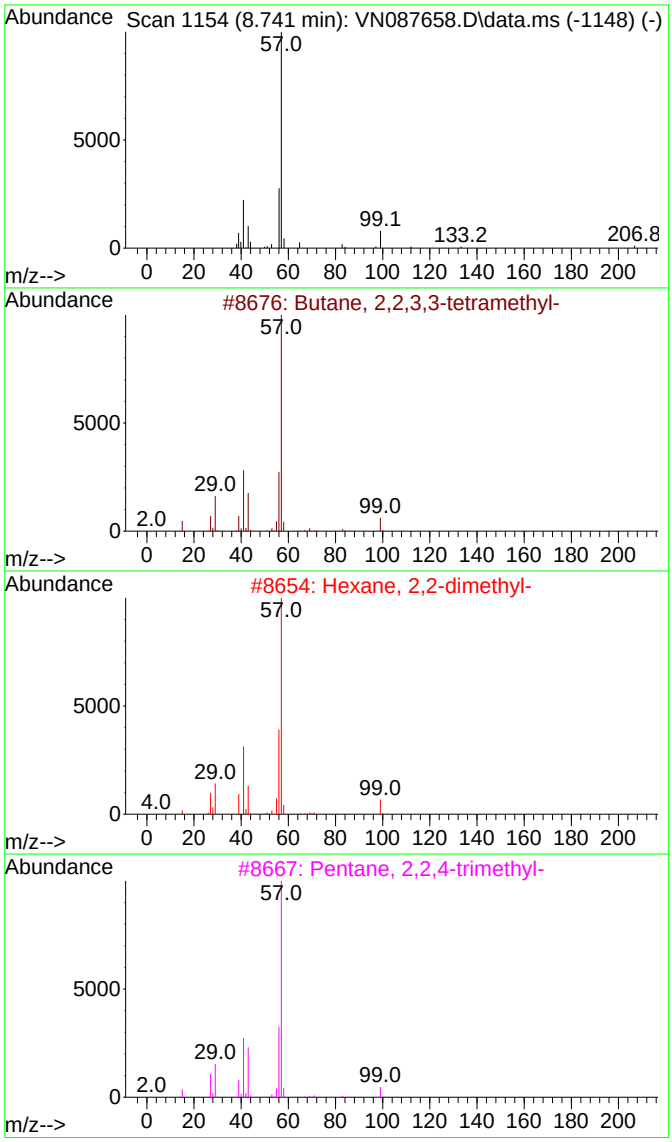
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

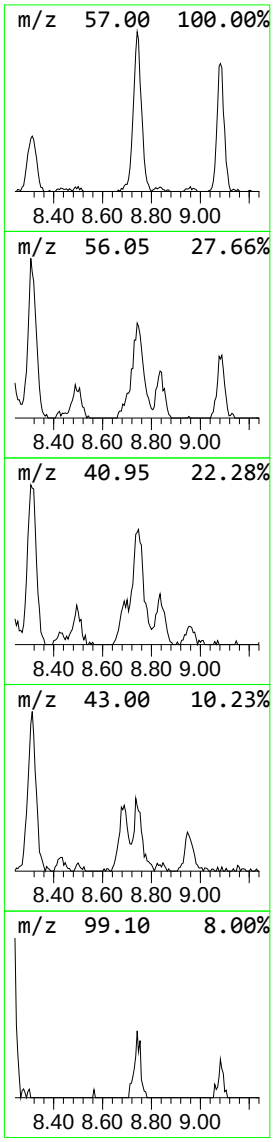
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown8.741 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.741	9.85 ug/l	207937	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	45
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	45
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	38
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	36
5	2,2-Dimethyl-3-pentanol, heptafl...	312	C11H15F7O2	1000364-14-4	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

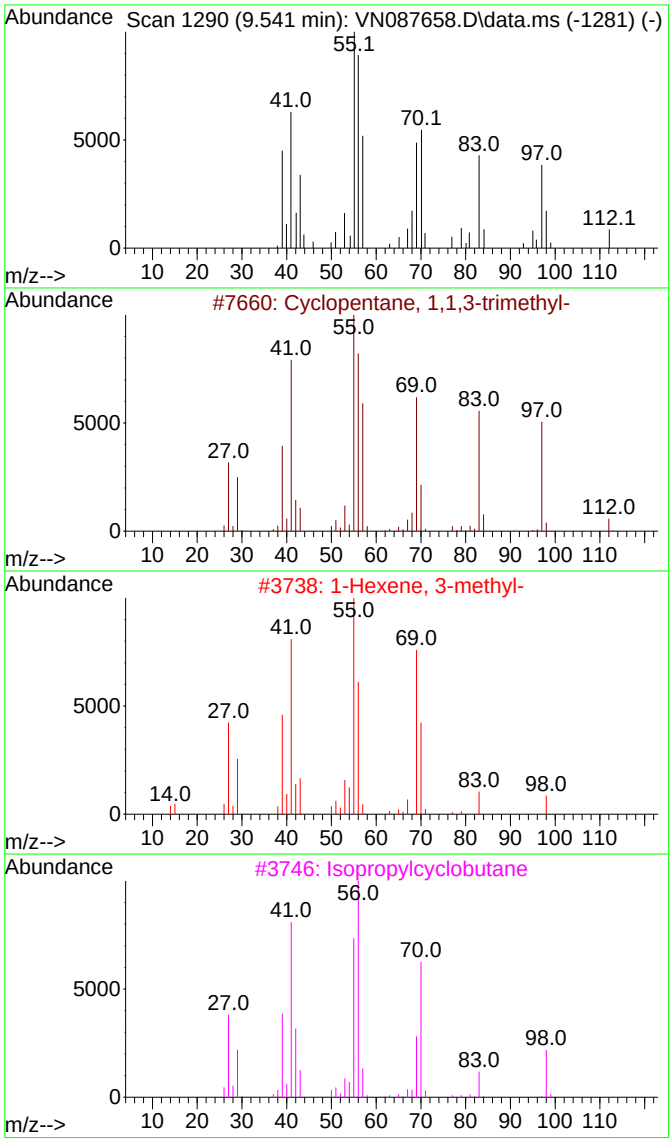
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

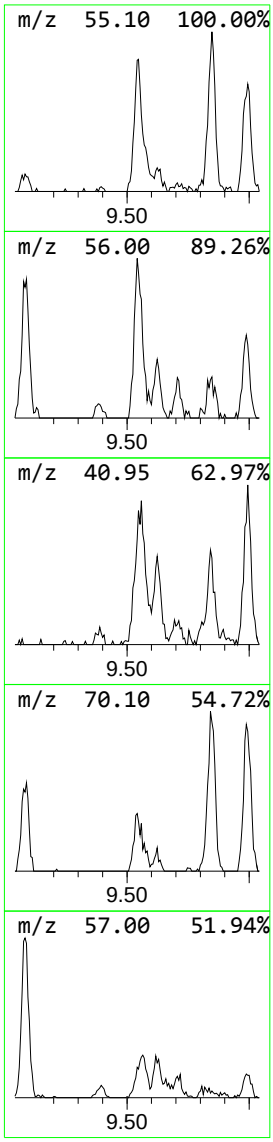
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.541	9.33 ug/l	197017	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	92
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	58
3	Isopropylcyclobutane	98	C7H14	000872-56-0	52
4	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	49
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

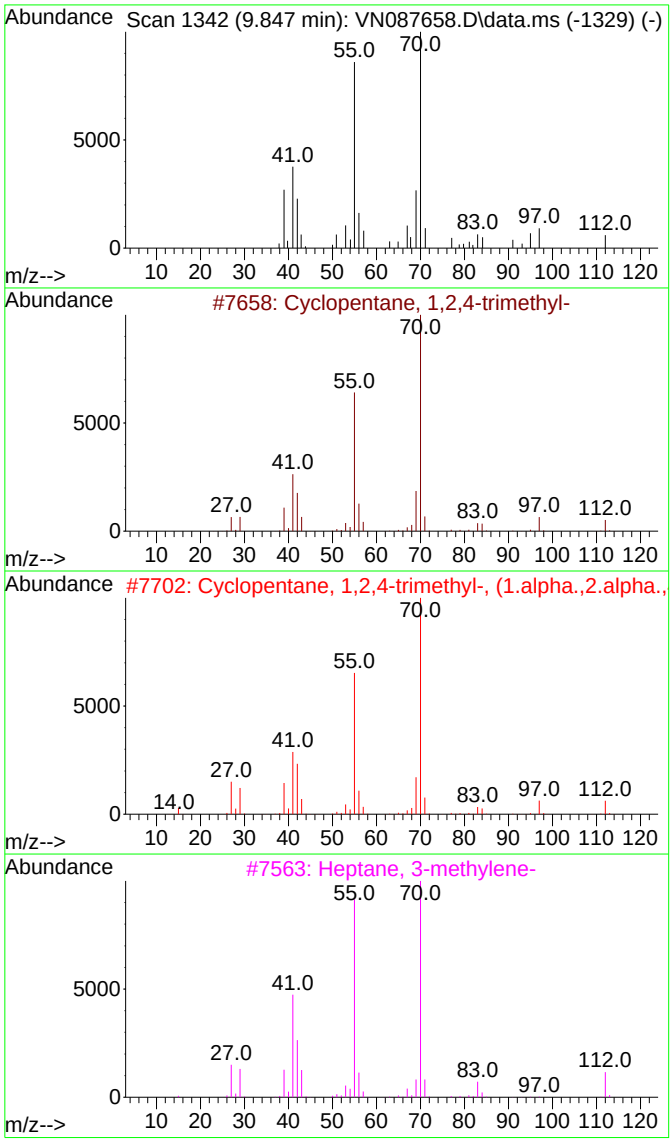
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

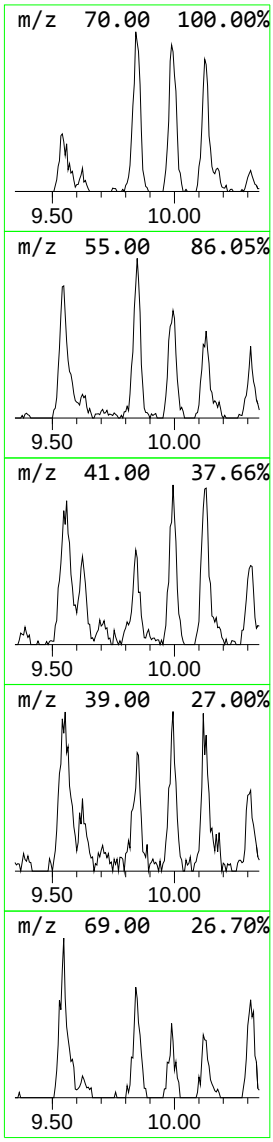
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.847	6.02 ug/l	127165	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	86
3	Heptane, 3-methylene-	112	C8H16	001632-16-2	80
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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

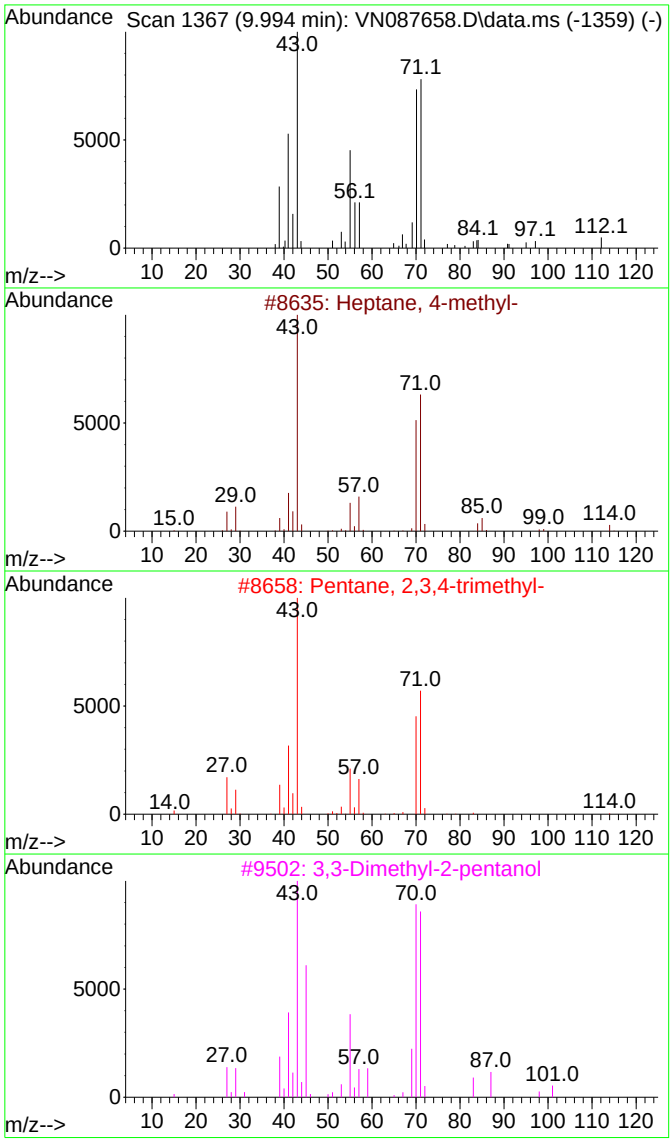
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

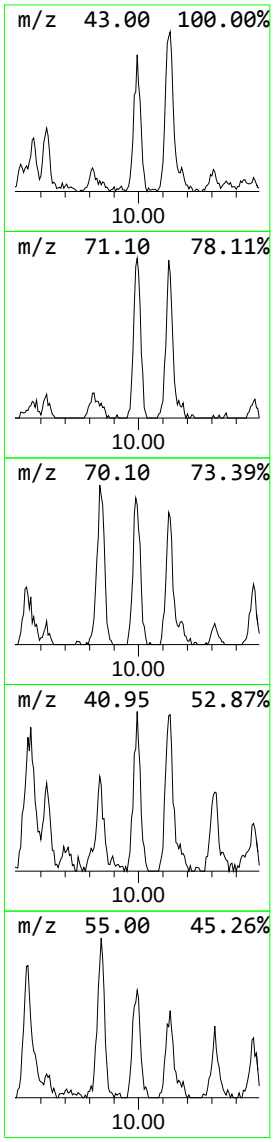
****

Peak Number 8 Heptane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.994	7.35 ug/l	155134	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
3	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64
4	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	53
5	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

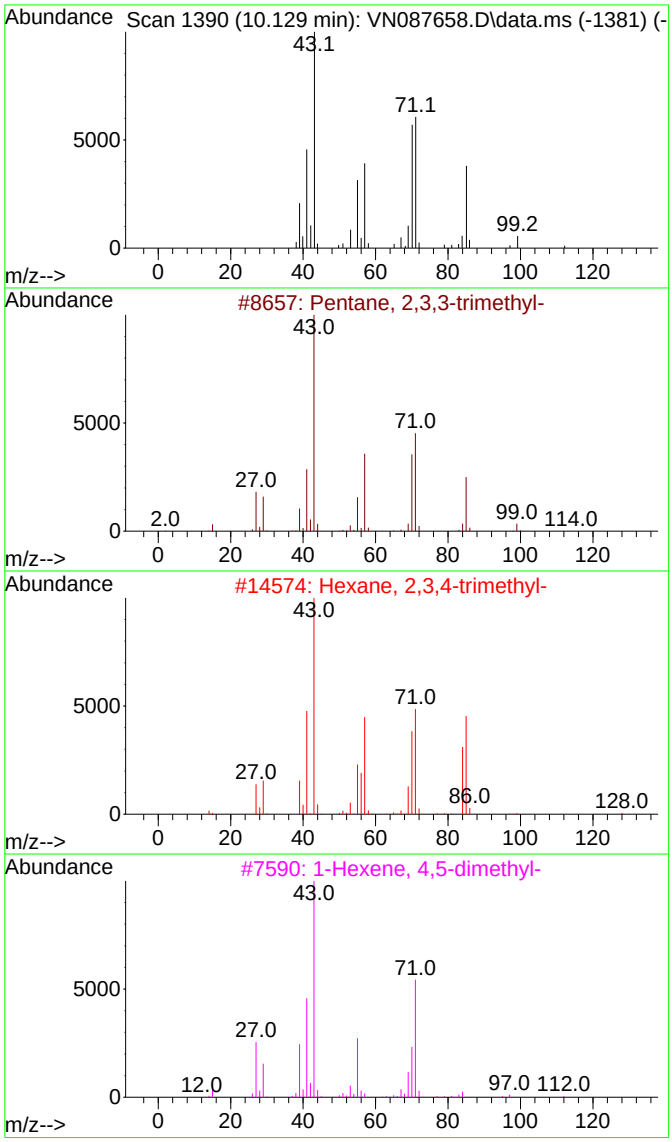
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

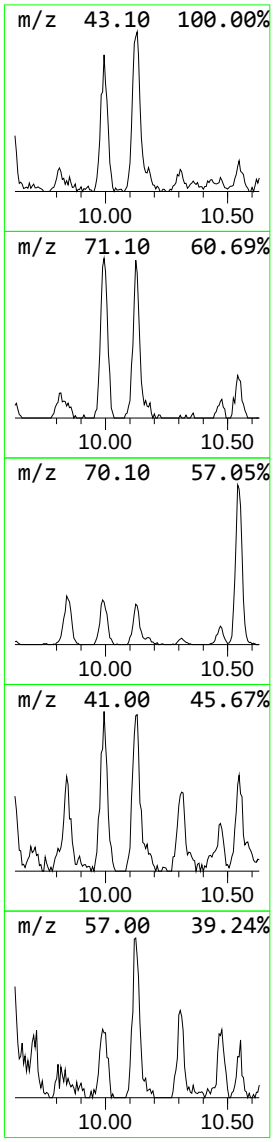
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.129	8.46 ug/l	178679	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
3	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	53
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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, 2,3-dim...	5.259	6.3	ug/l	82455	1	8.212	654720	50.0
Pentane, 3-methyl-	5.800	8.1	ug/l	106216	1	8.212	654720	50.0
Hexane, 2-methyl-	7.206	5.7	ug/l	74912	1	8.212	654720	50.0
Pentane, 2,3-di...	8.312	14.4	ug/l	188948	1	8.212	654720	50.0
unknown8.741	8.741	9.8	ug/l	207937	2	9.082	1055760	50.0
Cyclopentane, 1...	9.541	9.3	ug/l	197017	2	9.082	1055760	50.0
Cyclopentane, 1...	9.847	6.0	ug/l	127165	2	9.082	1055760	50.0
Heptane, 4-methyl-	9.994	7.3	ug/l	155134	2	9.082	1055760	50.0
Pentane, 2,3,3-...	10.129	8.5	ug/l	178679	2	9.082	1055760	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087655.D
Acq On : 25 Aug 2025 14:19
Operator : JC\MD
Sample : Q2920-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

Quant Time: Aug 26 01:35:21 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

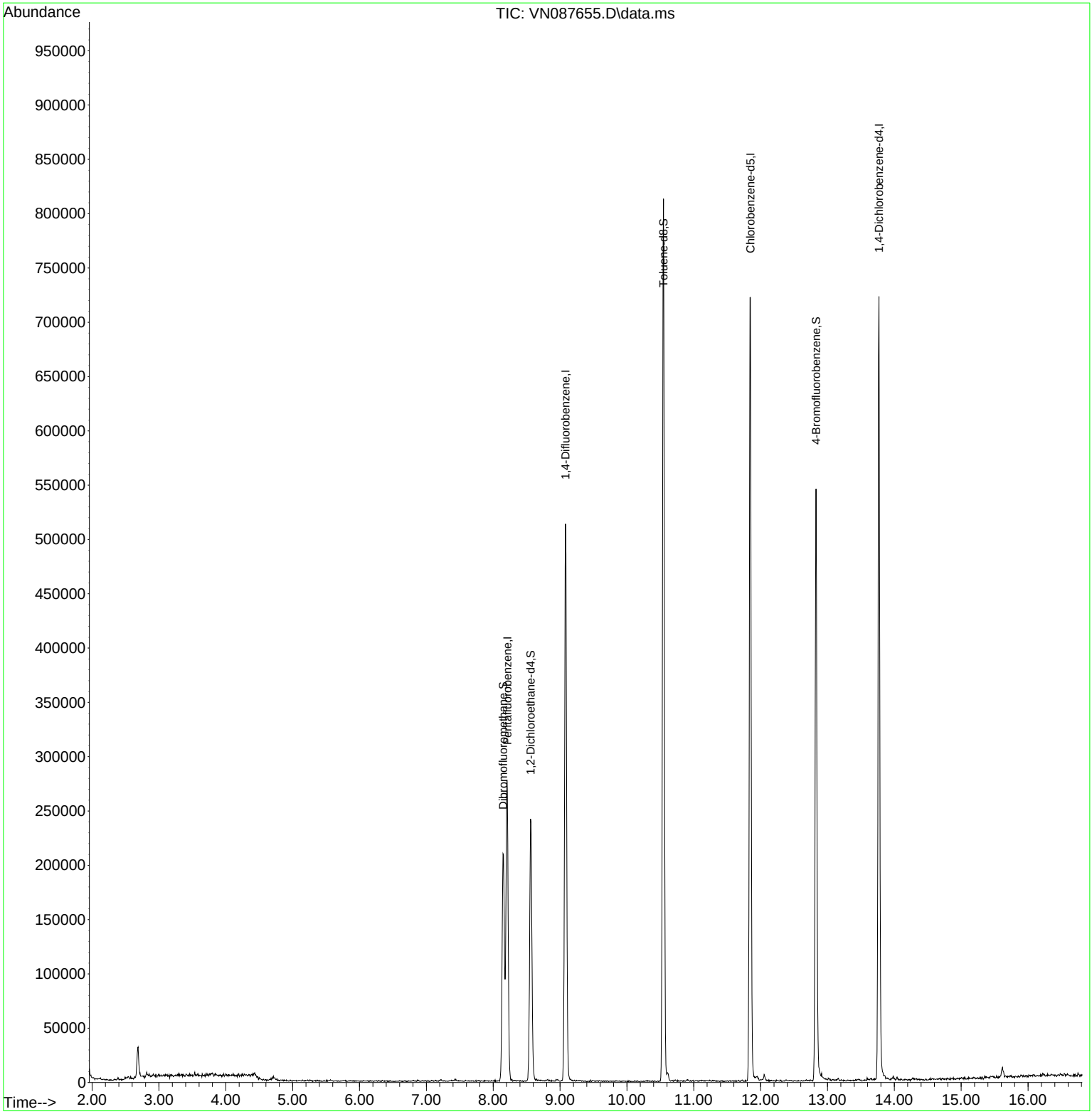
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	184539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	427250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	403211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	183679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	202103	53.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	8.147	113	150945	48.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.860%			
50) Toluene-d8	10.547	98	552034	47.813	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.620%			
62) 4-Bromofluorobenzene	12.829	95	192118	46.790	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.580%			
Target Compounds						Qvalue

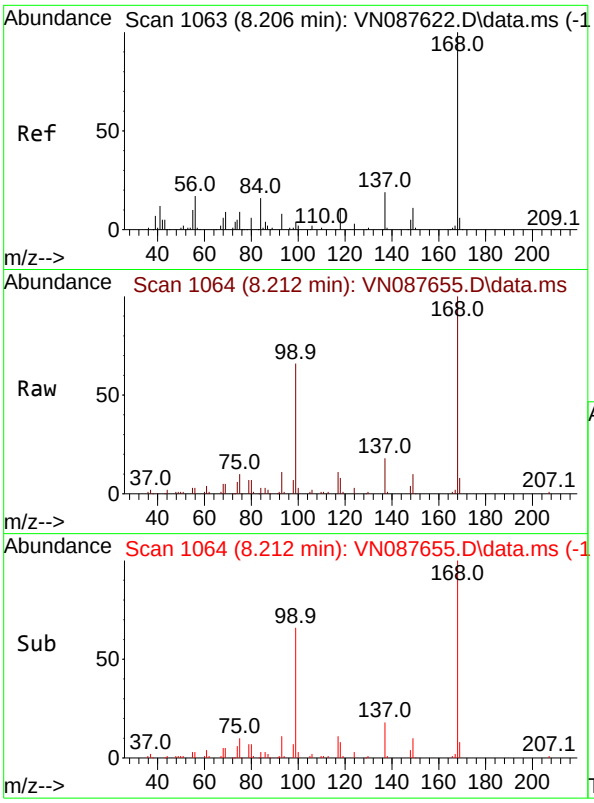
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087655.D
Acq On : 25 Aug 2025 14:19
Operator : JC\MD
Sample : Q2920-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

Quant Time: Aug 26 01:35:21 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



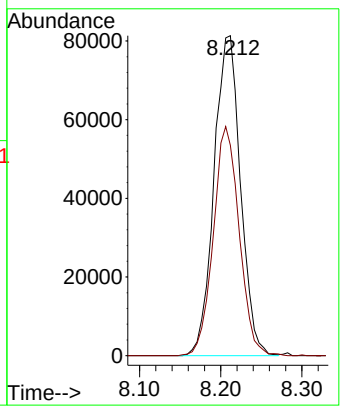


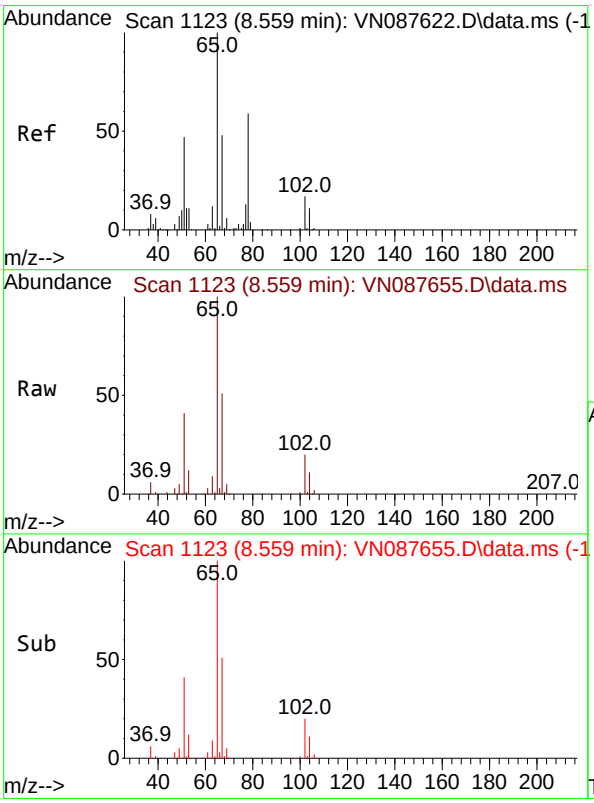
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087655.D
Acq: 25 Aug 2025 14:19

Instrument :
MSVOA_N
ClientSampleId :
FB

Tgt Ion:168 Resp: 184539

Ion	Ratio	Lower	Upper
168	100		
99	65.8	57.2	85.8

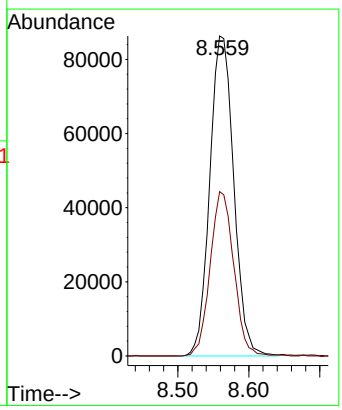


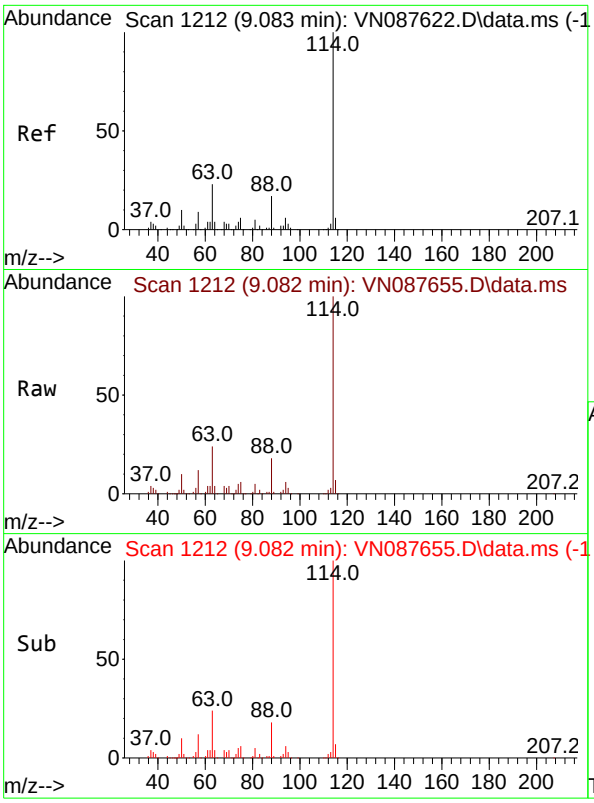


#33
1,2-Dichloroethane-d4
Concen: 53.452 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087655.D
Acq: 25 Aug 2025 14:19

Tgt Ion: 65 Resp: 202103

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	100.0



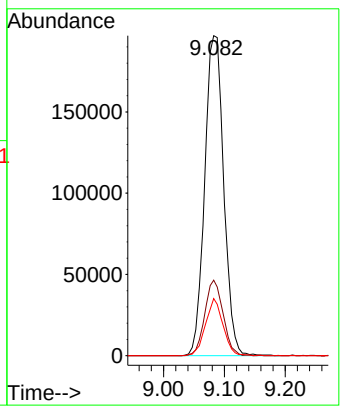


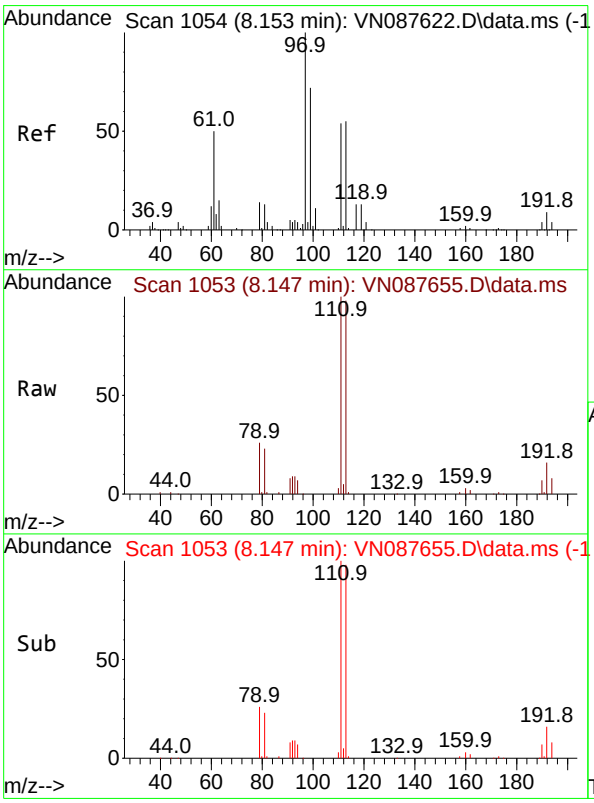
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087655.D
Acq: 25 Aug 2025 14:19

Instrument :
MSVOA_N
ClientSampleId :
FB

Tgt Ion:114 Resp: 427250

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.2
88	17.9	0.0	33.4

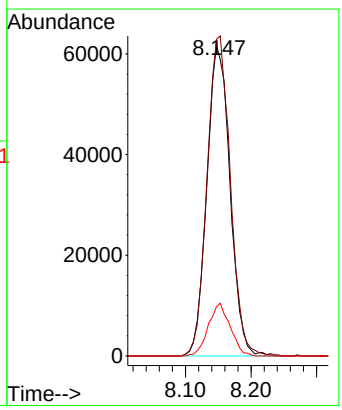


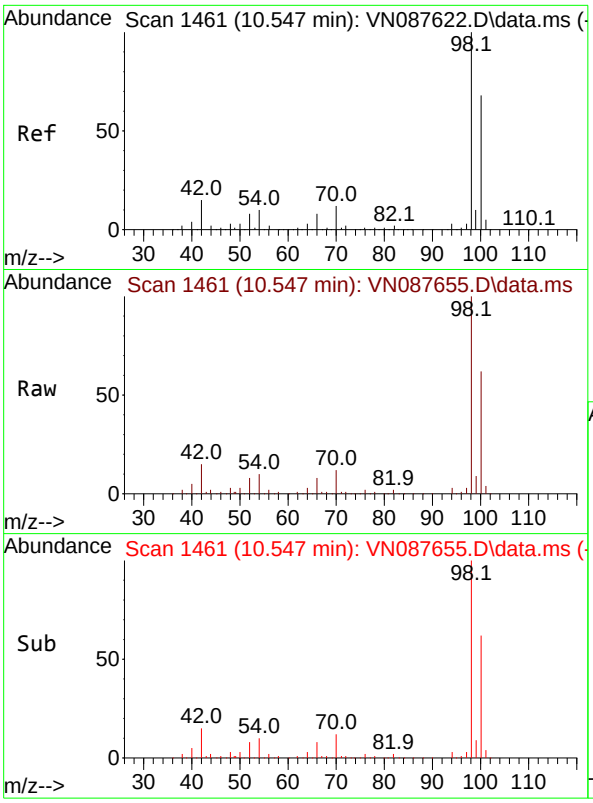


#35
Dibromofluoromethane
Concen: 48.933 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087655.D
Acq: 25 Aug 2025 14:19

Tgt Ion:113 Resp: 150945

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.8	124.2
192	16.0	12.8	19.2



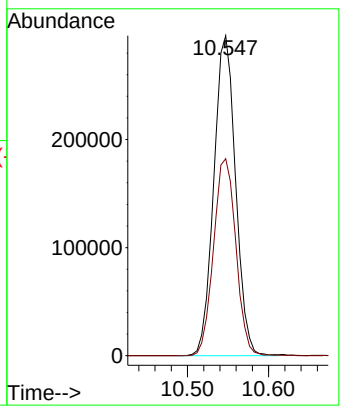


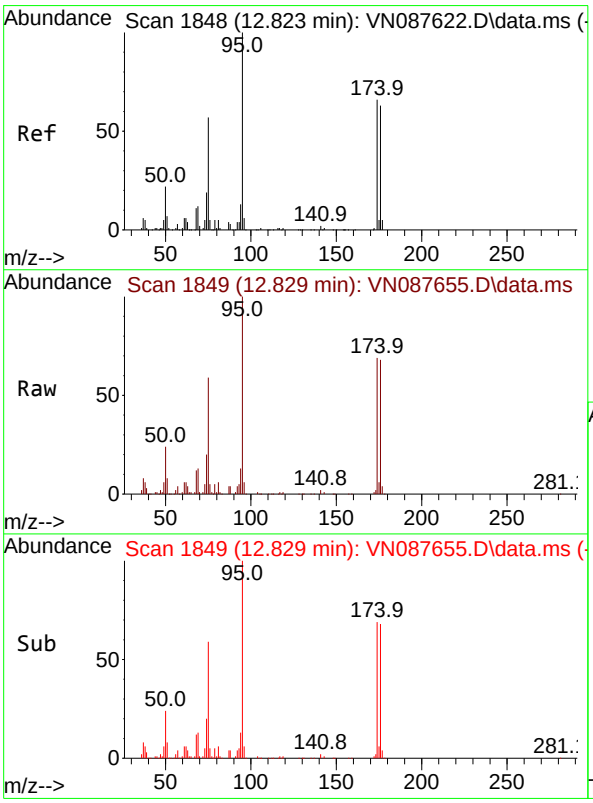
#50
Toluene-d8
Concen: 47.813 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087655.D
Acq: 25 Aug 2025 14:19

Instrument :
MSVOA_N
ClientSampleId :
FB

Tgt Ion: 98 Resp: 552034

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.8	79.2

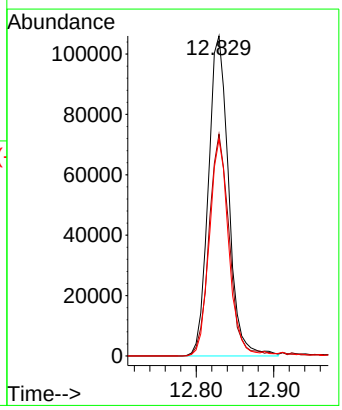


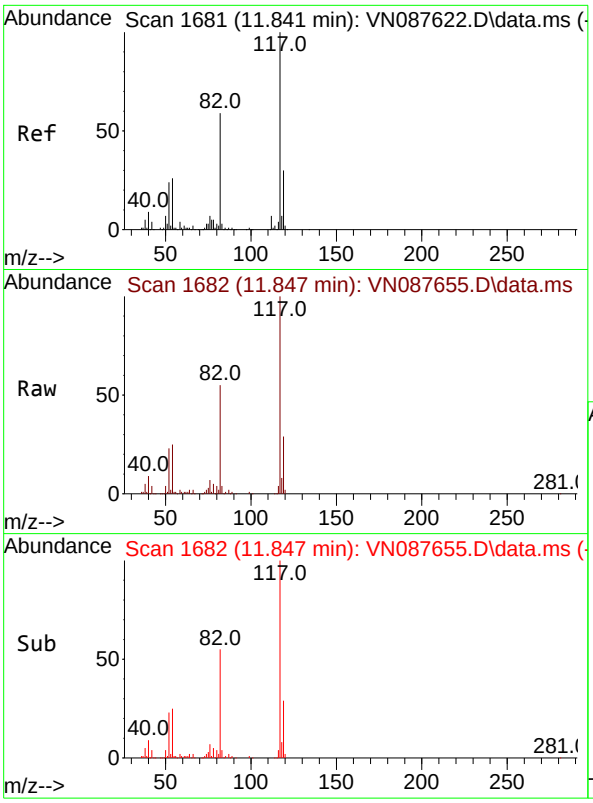


#62
4-Bromofluorobenzene
Concen: 46.790 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087655.D
Acq: 25 Aug 2025 14:19

Tgt Ion: 95 Resp: 192118

Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	138.4
176	65.2	0.0	132.6



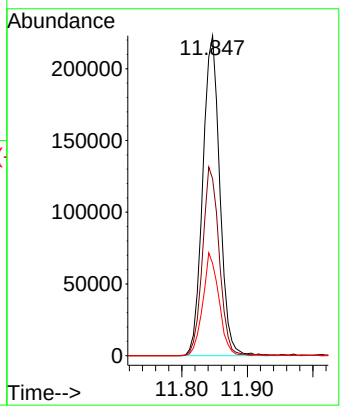


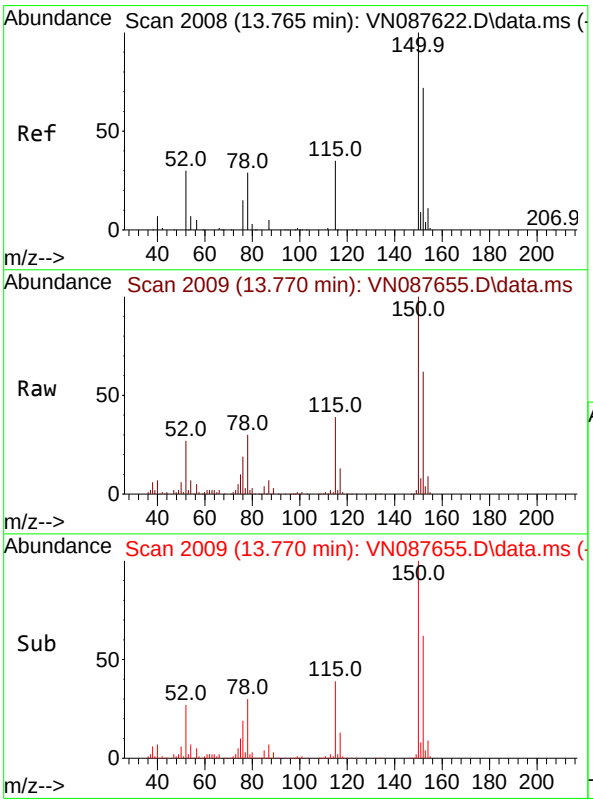
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087655.D
Acq: 25 Aug 2025 14:19

Instrument :
MSVOA_N
ClientSampleId :
FB

Tgt Ion:117 Resp: 403211

Ion	Ratio	Lower	Upper
117	100		
82	55.3	47.4	71.2
119	28.8	24.3	36.5

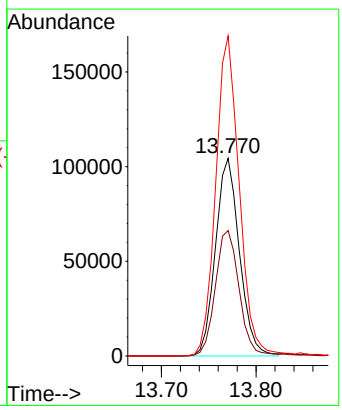




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087655.D
Acq: 25 Aug 2025 14:19

Tgt Ion:152 Resp: 183679

Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.3	96.8
150	158.8	0.0	351.0



Sample Results: **VN087655.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087655.D
Acq On : 25 Aug 2025 14:19
Operator : JC\MD
Sample : Q2920-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

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: VN087655.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.689	117	125	132	rBV	28395	56149	3.67%	0.704%
2	8.147	1044	1053	1058	rBV	209633	511558	33.40%	6.410%
3	8.206	1058	1063	1073	rVB	276925	633027	41.34%	7.932%
4	8.559	1112	1123	1135	rBV	241479	565652	36.94%	7.088%
5	9.082	1203	1212	1223	rBV	512681	1080774	70.57%	13.543%
6	10.547	1452	1461	1469	rBV	812693	1531440	100.00%	19.190%
7	11.847	1673	1682	1695	rBV	721459	1340817	87.55%	16.802%
8	12.829	1841	1849	1862	rBV	545408	983867	64.24%	12.329%
9	13.770	2001	2009	2021	rBV	720773	1258821	82.20%	15.774%
10	15.617	2316	2323	2328	rBV3	9142	18131	1.18%	0.227%

Sum of corrected areas: 7980236

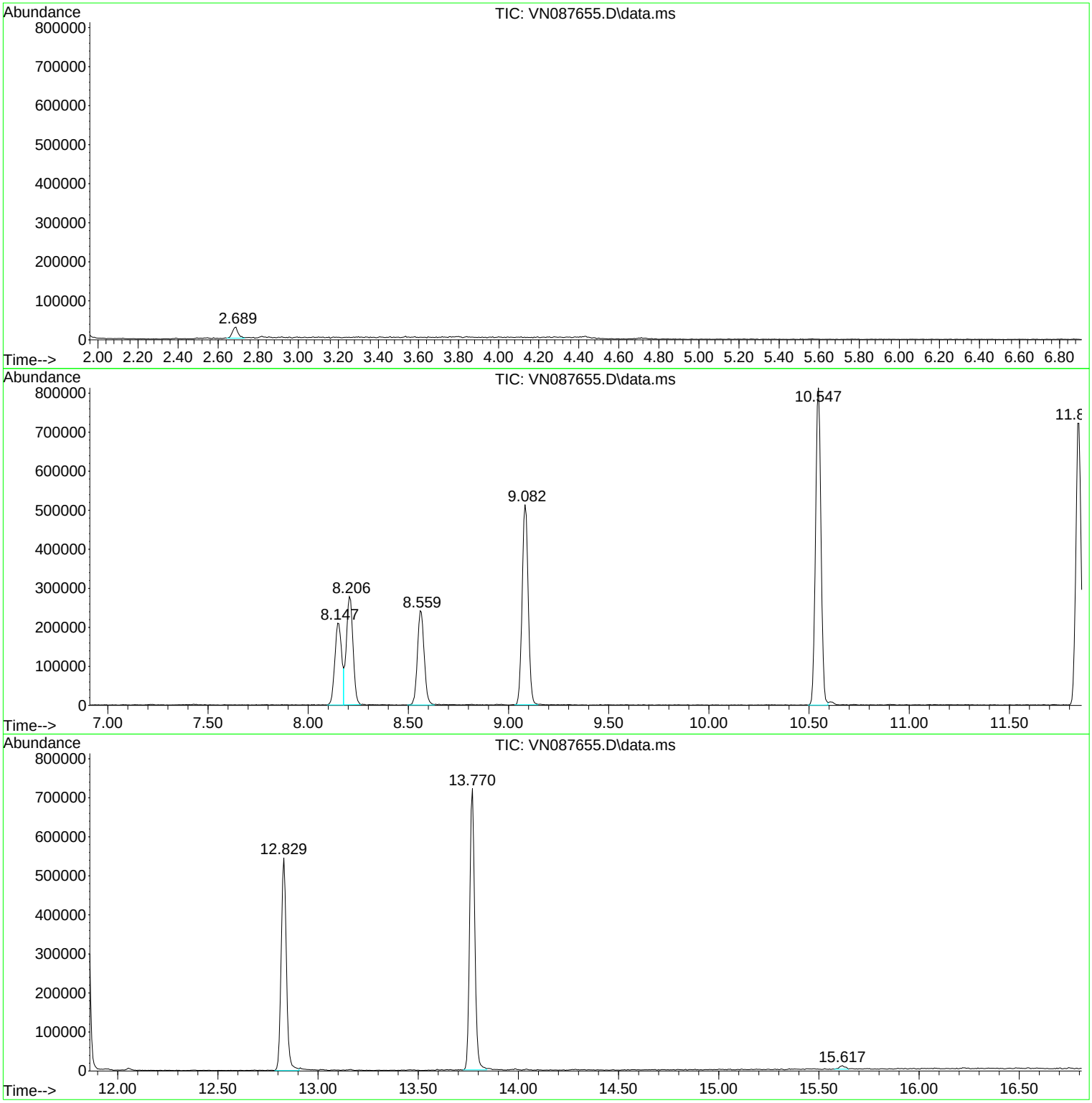
Sample Results: **VN087655.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087655.D
Acq On : 25 Aug 2025 14:19
Operator : JC\MD
Sample : Q2920-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

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



Library Search Compound Report

Sample Results: **VN087655.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087655.D
Acq On : 25 Aug 2025 14:19
Operator : JC\MD
Sample : Q2920-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

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\VN082525\
Data File : VN087655.D
Acq On : 25 Aug 2025 14:19
Operator : JC\MD
Sample : Q2920-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Quant Time: Aug 26 01:31:48 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

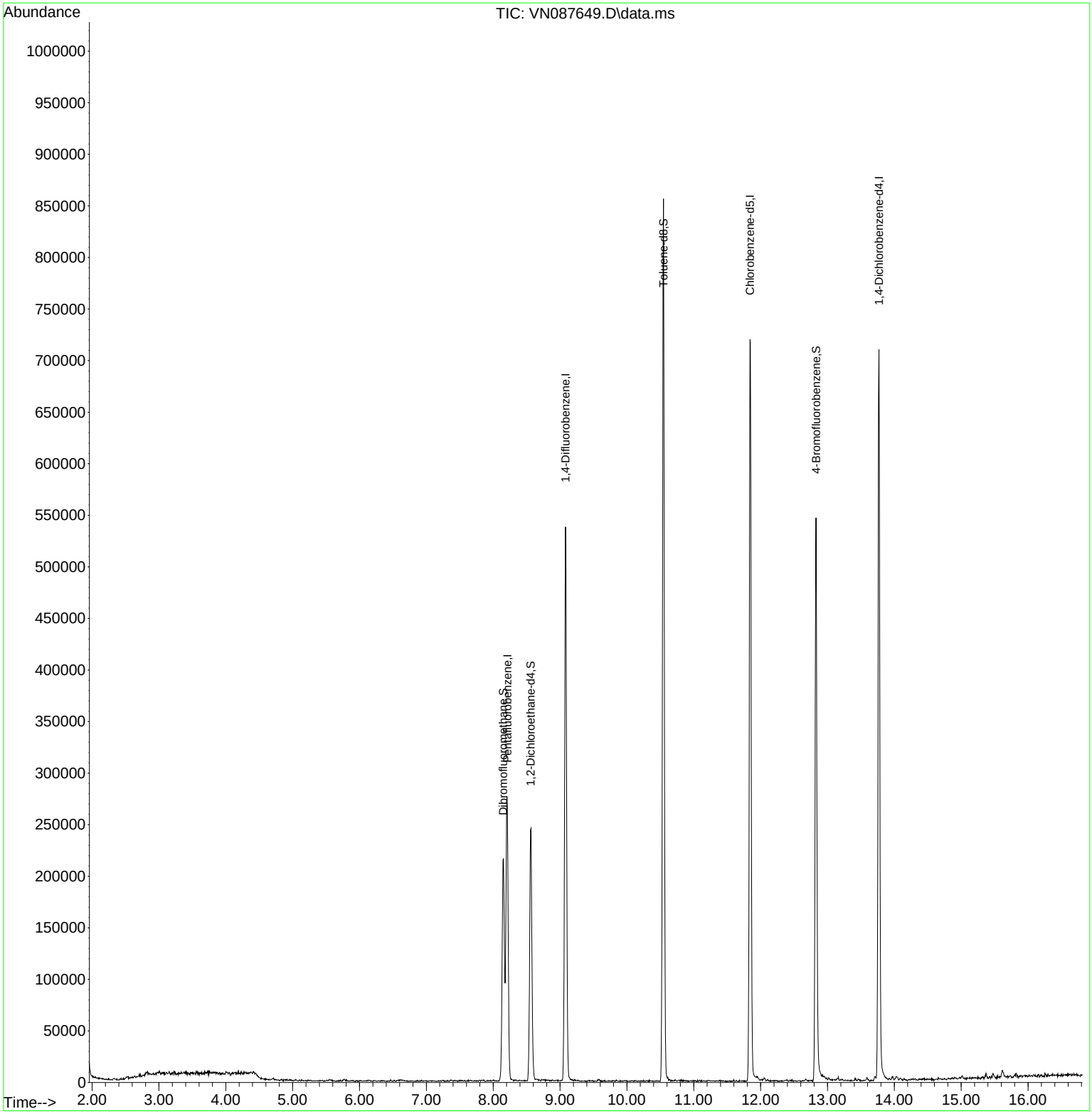
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	190267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	429125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	403882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	182604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	203967	52.321	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.640%			
35) Dibromofluoromethane	8.147	113	154869	49.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	10.547	98	558872	48.194	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.380%			
62) 4-Bromofluorobenzene	12.829	95	191876	46.527	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.060%			
Target Compounds						Qvalue

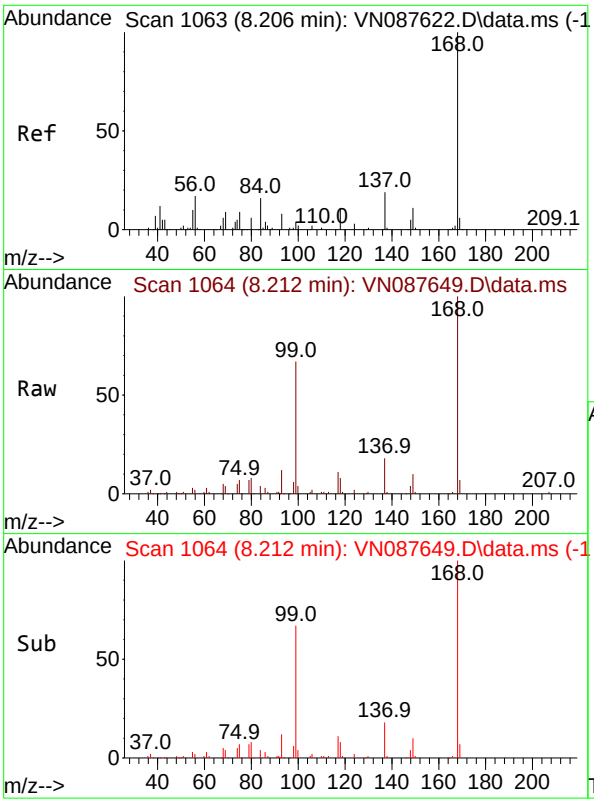
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Quant Time: Aug 26 01:31:48 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



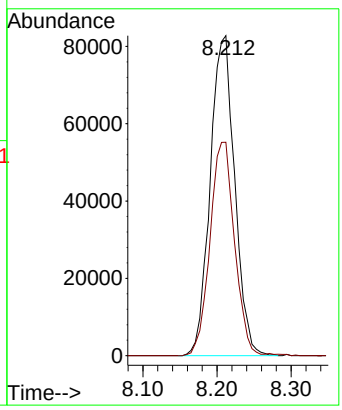


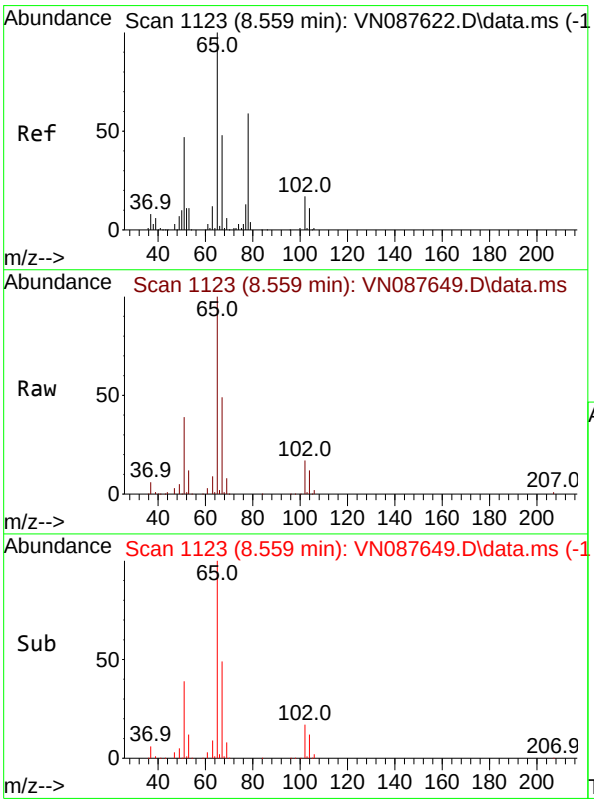
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Tgt Ion:168 Resp: 190267

Ion	Ratio	Lower	Upper
168	100		
99	66.7	57.2	85.8

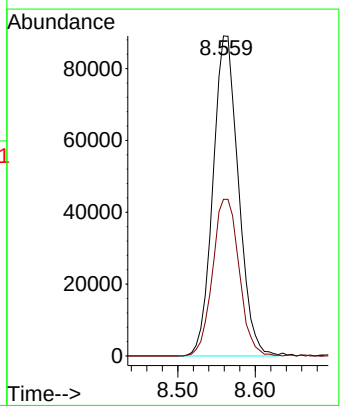


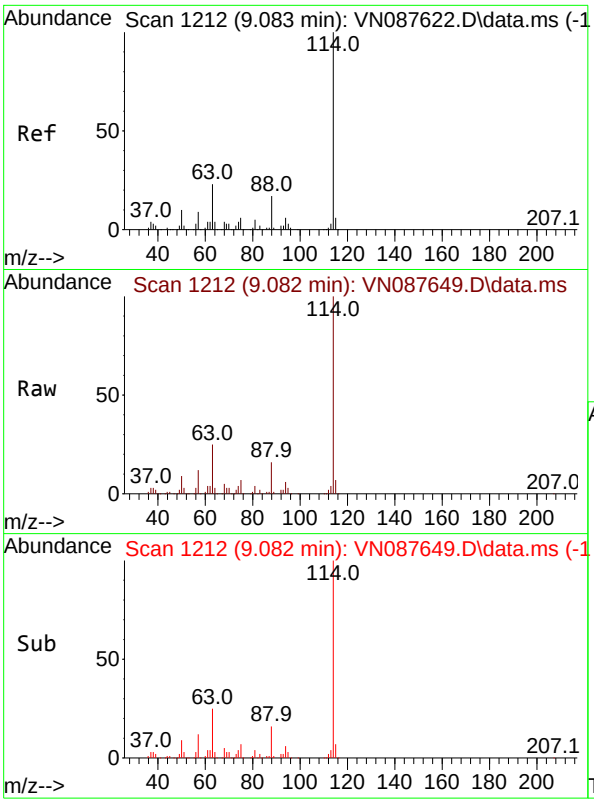


#33
1,2-Dichloroethane-d4
Concen: 52.321 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Tgt Ion: 65 Resp: 203967

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.0



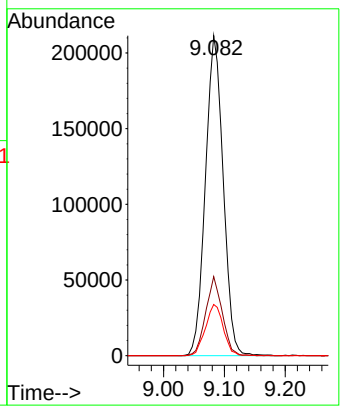


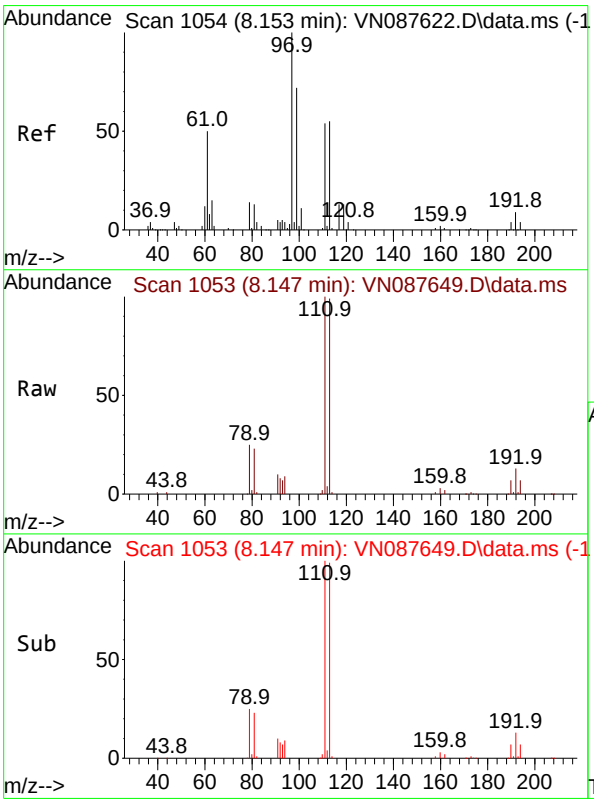
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Tgt Ion:114 Resp: 429125

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	45.2
88	16.0	0.0	33.4

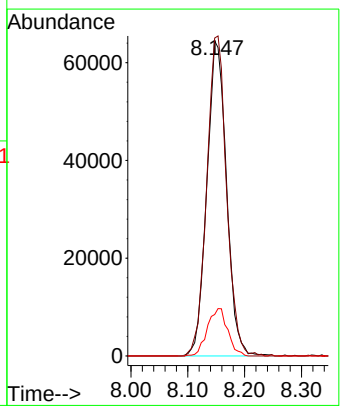


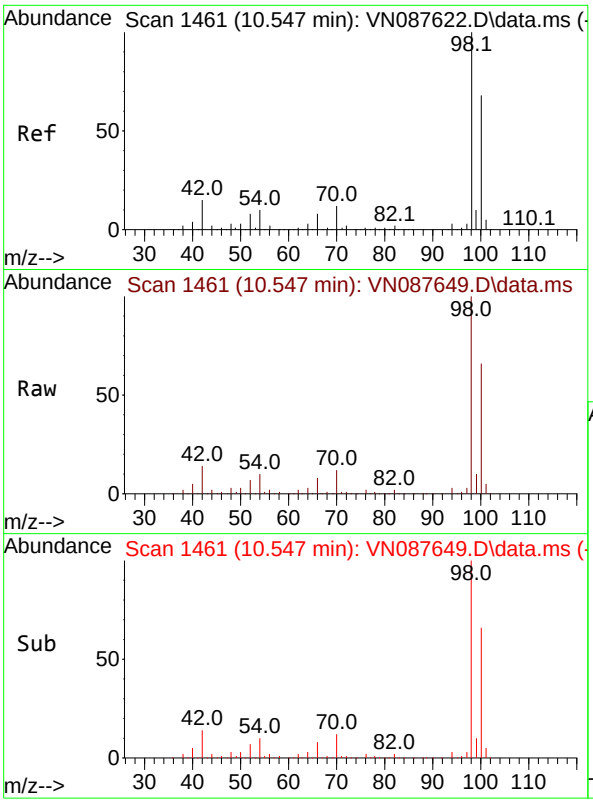


#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Tgt Ion:113 Resp: 154869

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	15.5	12.8	19.2



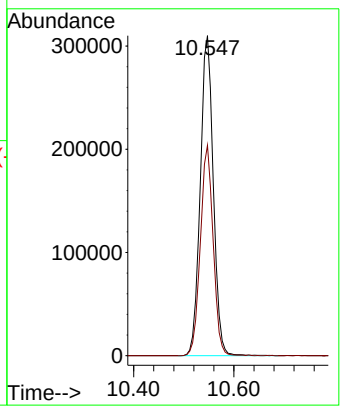


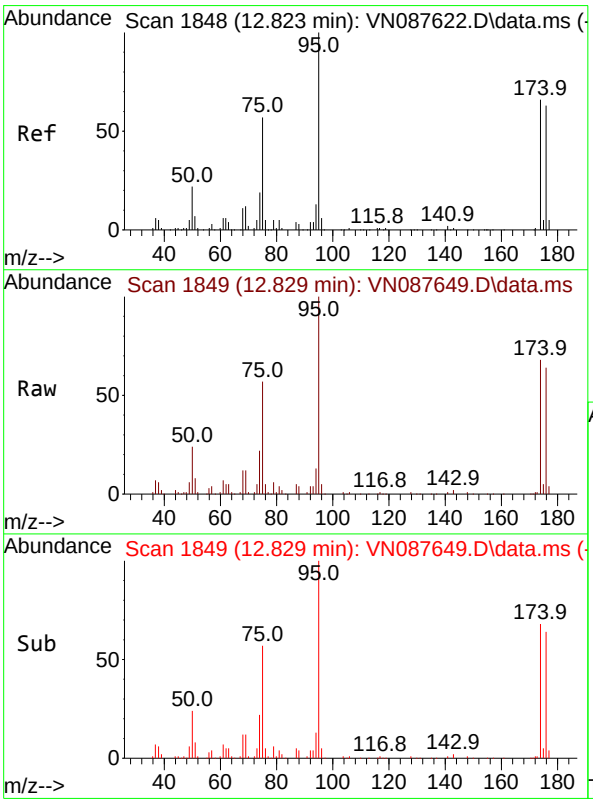
#50
Toluene-d8
Concen: 48.194 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Tgt Ion: 98 Resp: 558872

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.8	79.2

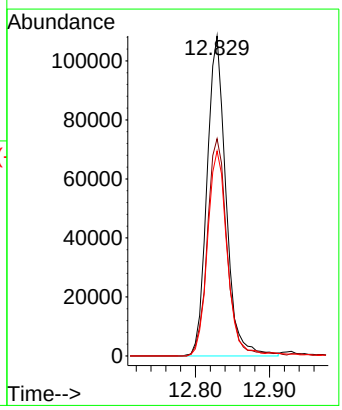


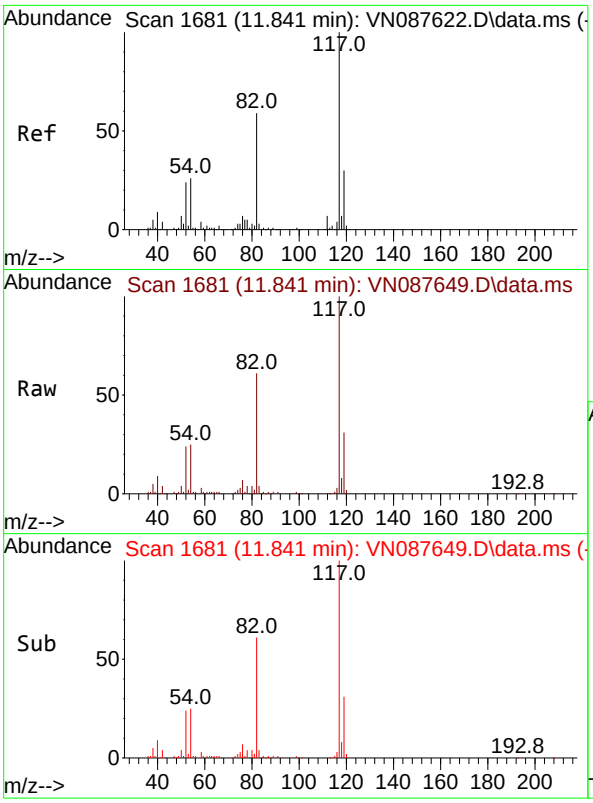


#62
4-Bromofluorobenzene
Concen: 46.527 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Tgt Ion: 95 Resp: 191876

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	138.4
176	66.4	0.0	132.6



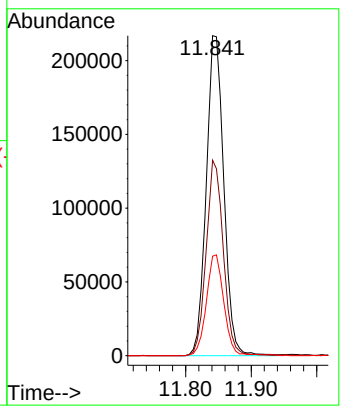


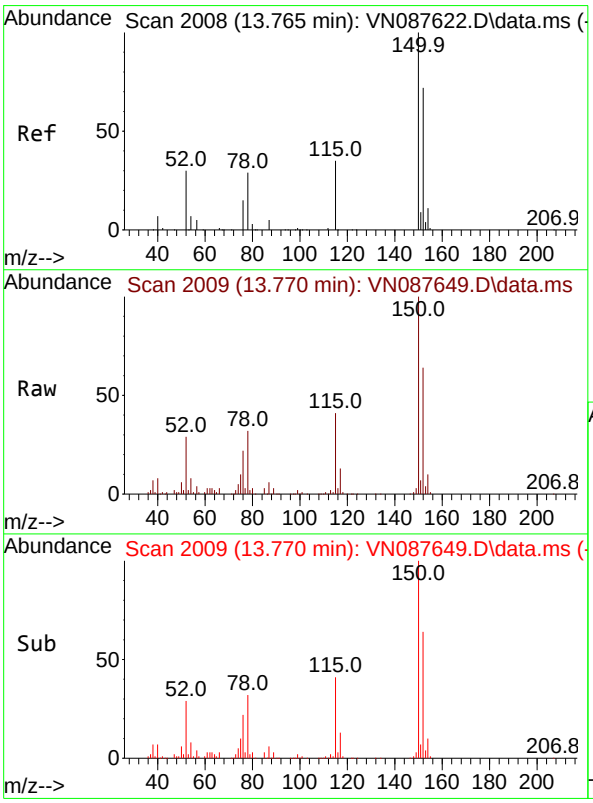
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

Tgt Ion:117 Resp: 403882

Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.4	71.2
119	31.1	24.3	36.5

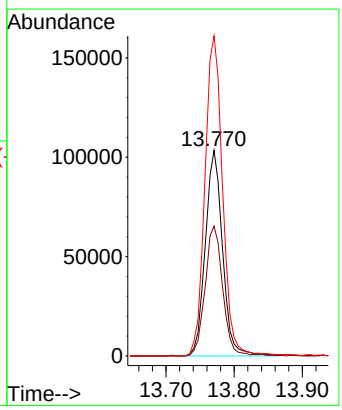




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087649.D
Acq: 25 Aug 2025 10:33

Tgt Ion:152 Resp: 182604

Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.3	96.8
150	159.0	0.0	351.0



Sample Results: **VN087649.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

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: VN087649.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.153	1043	1054	1058	rBV2	215335	519404	33.41%	6.471%
2	8.206	1058	1063	1073	rVB	274623	634961	40.84%	7.911%
3	8.565	1114	1124	1134	rBV	244740	566707	36.45%	7.061%
4	9.082	1203	1212	1224	rBV	536965	1094355	70.39%	13.635%
5	10.547	1452	1461	1471	rBV	855948	1554670	100.00%	19.370%
6	11.841	1673	1681	1697	rBV	719128	1365693	87.84%	17.016%
7	12.829	1841	1849	1863	rBV	546663	1006244	64.72%	12.537%
8	13.770	2001	2009	2032	rVB	708333	1284132	82.60%	15.999%

Sum of corrected areas: 8026166

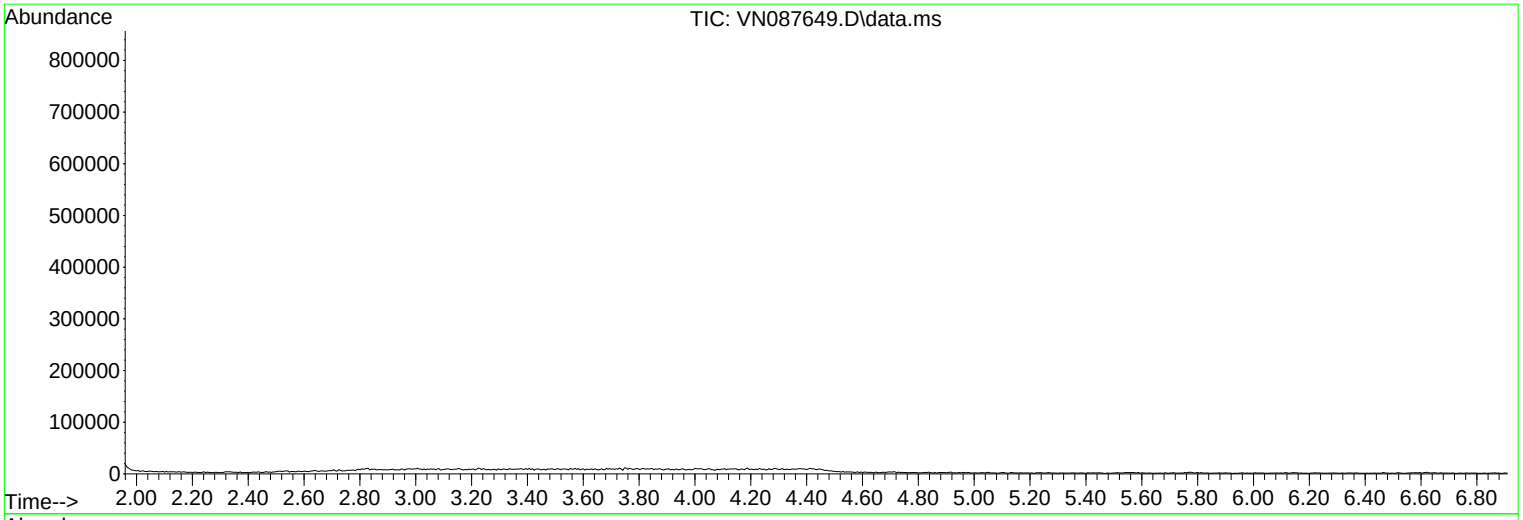
Sample Results: **VN087649.D**

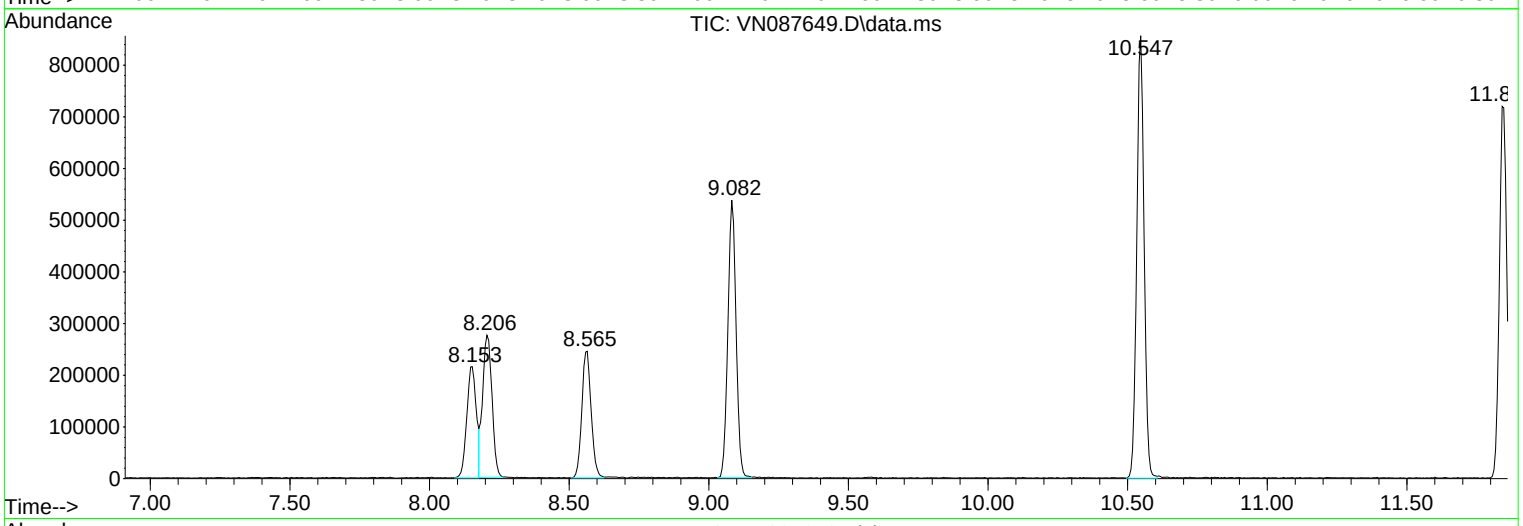
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

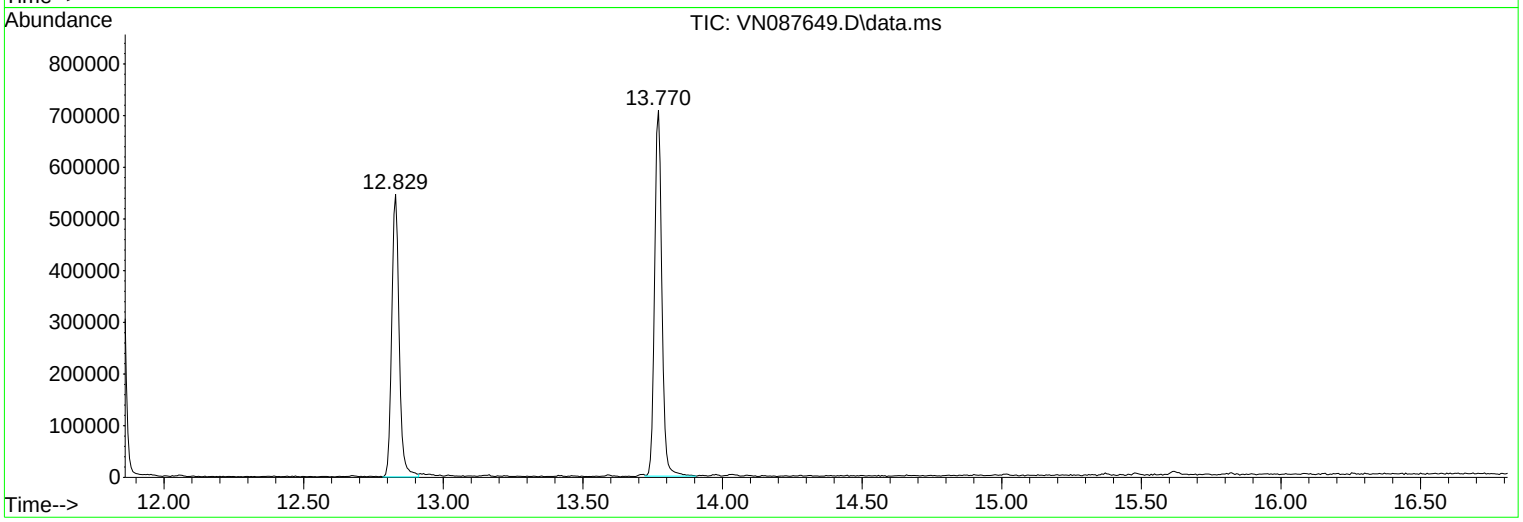
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

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







Library Search Compound Report

Sample Results: **VN087649.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

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\VN082525\
Data File : VN087649.D
Acq On : 25 Aug 2025 10:33
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBL01

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\VN082525\
Data File : VN087650.D
Acq On : 25 Aug 2025 12:21
Operator : JC\MD
Sample : VN0825WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 01:32:11 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 :
VN0825WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	223180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	452330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	403500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	202288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	214419	46.891	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.780%			
35) Dibromofluoromethane	8.153	113	150066	45.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.900%			
50) Toluene-d8	10.547	98	554082	45.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.660%			
62) 4-Bromofluorobenzene	12.829	95	194883	44.832	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	62067	19.581	ug/l	97
3) Chloromethane	2.383	50	62455	19.173	ug/l	95
4) Vinyl Chloride	2.536	62	70142	18.571	ug/l	98
5) Bromomethane	2.983	94	37956	19.476	ug/l	97
6) Chloroethane	3.136	64	48637	18.322	ug/l	97
7) Trichlorofluoromethane	3.512	101	104346	18.857	ug/l	97
8) Diethyl Ether	3.965	74	44292	18.379	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	55637	17.769	ug/l	98
10) Methyl Iodide	4.589	142	32544	18.824	ug/l	97
11) Tert butyl alcohol	5.530	59	74733	94.141	ug/l	99
12) 1,1-Dichloroethene	4.341	96	57619	17.907	ug/l	83
13) Acrolein	4.177	56	103430	105.982	ug/l	98
14) Allyl chloride	5.006	41	109090	18.709	ug/l	98
15) Acrylonitrile	5.706	53	198506	88.666	ug/l	99
16) Acetone	4.424	43	230719	92.687	ug/l	96
17) Carbon Disulfide	4.700	76	162082	18.297	ug/l	99
18) Methyl Acetate	5.024	43	96014	18.422	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	217356	18.007	ug/l	100
20) Methylene Chloride	5.265	84	66445	17.651	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	59125	16.954	ug/l	95
22) Diisopropyl ether	6.665	45	229975	18.276	ug/l #	97
23) Vinyl Acetate	6.588	43	1037528	90.629	ug/l	99
24) 1,1-Dichloroethane	6.553	63	122293	17.726	ug/l	95
25) 2-Butanone	7.471	43	297574	90.865	ug/l	99
26) 2,2-Dichloropropane	7.477	77	107942	18.229	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	71989	17.268	ug/l	95
28) Bromochloromethane	7.794	49	66584	19.963	ug/l	99
29) Tetrahydrofuran	7.824	42	185567	88.047	ug/l	99
30) Chloroform	7.947	83	125444	17.814	ug/l	98
31) Cyclohexane	8.235	56	104300	18.134	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	107771	18.059	ug/l	93
36) 1,1-Dichloropropene	8.353	75	82214	16.409	ug/l	97
37) Ethyl Acetate	7.547	43	112045	16.366	ug/l	98
38) Carbon Tetrachloride	8.347	117	89068	18.006	ug/l	95
39) Methylcyclohexane	9.582	83	92389	16.749	ug/l	96
40) Benzene	8.588	78	267561	17.412	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087650.D
Acq On : 25 Aug 2025 12:21
Operator : JC\MD
Sample : VN0825WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 01:32:11 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 :
VN0825WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	58984	16.632	ug/l		97
42) 1,2-Dichloroethane	8.653	62	102076	17.286	ug/l		100
43) Isopropyl Acetate	8.671	43	186641	17.461	ug/l		99
44) Trichloroethene	9.329	130	60129	17.139	ug/l		100
45) 1,2-Dichloropropane	9.600	63	67419	16.644	ug/l		96
46) Dibromomethane	9.688	93	52335	18.156	ug/l		99
47) Bromodichloromethane	9.871	83	101851	17.241	ug/l	#	98
48) Methyl methacrylate	9.665	41	81785	16.176	ug/l		94
49) 1,4-Dioxane	9.682	88	25351	386.854	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.429	43	569141	88.252	ug/l		99
52) Toluene	10.612	92	165573	17.380	ug/l		97
53) t-1,3-Dichloropropene	10.818	75	106076	17.347	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	110849	17.459	ug/l		96
55) 1,1,2-Trichloroethane	11.000	97	65727	17.835	ug/l		97
56) Ethyl methacrylate	10.859	69	102199	17.352	ug/l		95
57) 1,3-Dichloropropane	11.141	76	116080	17.798	ug/l		96
58) 2-Chloroethyl Vinyl ether	10.141	63	313174	98.243	ug/l		99
59) 2-Hexanone	11.182	43	375717	92.183	ug/l		96
60) Dibromochloromethane	11.341	129	71077	16.645	ug/l		99
61) 1,2-Dibromoethane	11.447	107	66188	17.033	ug/l		98
64) Tetrachloroethene	11.082	164	47516	16.973	ug/l		98
65) Chlorobenzene	11.870	112	174339	17.367	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	62197	18.663	ug/l		98
67) Ethyl Benzene	11.941	91	309756	17.822	ug/l		94
68) m/p-Xylenes	12.053	106	229940	36.073	ug/l		99
69) o-Xylene	12.376	106	107145	17.152	ug/l		93
70) Styrene	12.394	104	187825	17.947	ug/l		97
71) Bromoform	12.559	173	46548	18.212	ug/l	#	97
73) Isopropylbenzene	12.676	105	282717	17.296	ug/l		99
74) N-amyl acetate	12.535	43	124550m	20.106	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	102489	18.211	ug/l		99
76) 1,2,3-Trichloropropane	12.976	75	99469m	20.968	ug/l		
77) Bromobenzene	12.959	156	68300	17.721	ug/l		99
78) n-propylbenzene	13.012	91	357820	17.772	ug/l		100
79) 2-Chlorotoluene	13.100	91	212124	17.507	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	243662	17.572	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.717	75	31638	17.656	ug/l		85
82) 4-Chlorotoluene	13.200	91	221660	17.400	ug/l		98
83) tert-Butylbenzene	13.417	119	202379	17.514	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	249103	17.945	ug/l		97
85) sec-Butylbenzene	13.594	105	304307	17.746	ug/l		100
86) p-Isopropyltoluene	13.706	119	247840	17.503	ug/l		99
87) 1,3-Dichlorobenzene	13.711	146	129407	17.050	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	134736	17.058	ug/l		99
89) n-Butylbenzene	14.035	91	245432	17.452	ug/l		99
90) Hexachloroethane	14.306	117	46243	17.141	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	127220	17.668	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22816	17.066	ug/l		94
93) 1,2,4-Trichlorobenzene	15.370	180	74556	17.243	ug/l		99
94) Hexachlorobutadiene	15.476	225	26329	17.080	ug/l		99
95) Naphthalene	15.617	128	262337	17.129	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	71418	16.895	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087650.D
Acq On : 25 Aug 2025 12:21
Operator : JC\MD
Sample : VN0825WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 01:32:11 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 :
VN0825WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

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

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

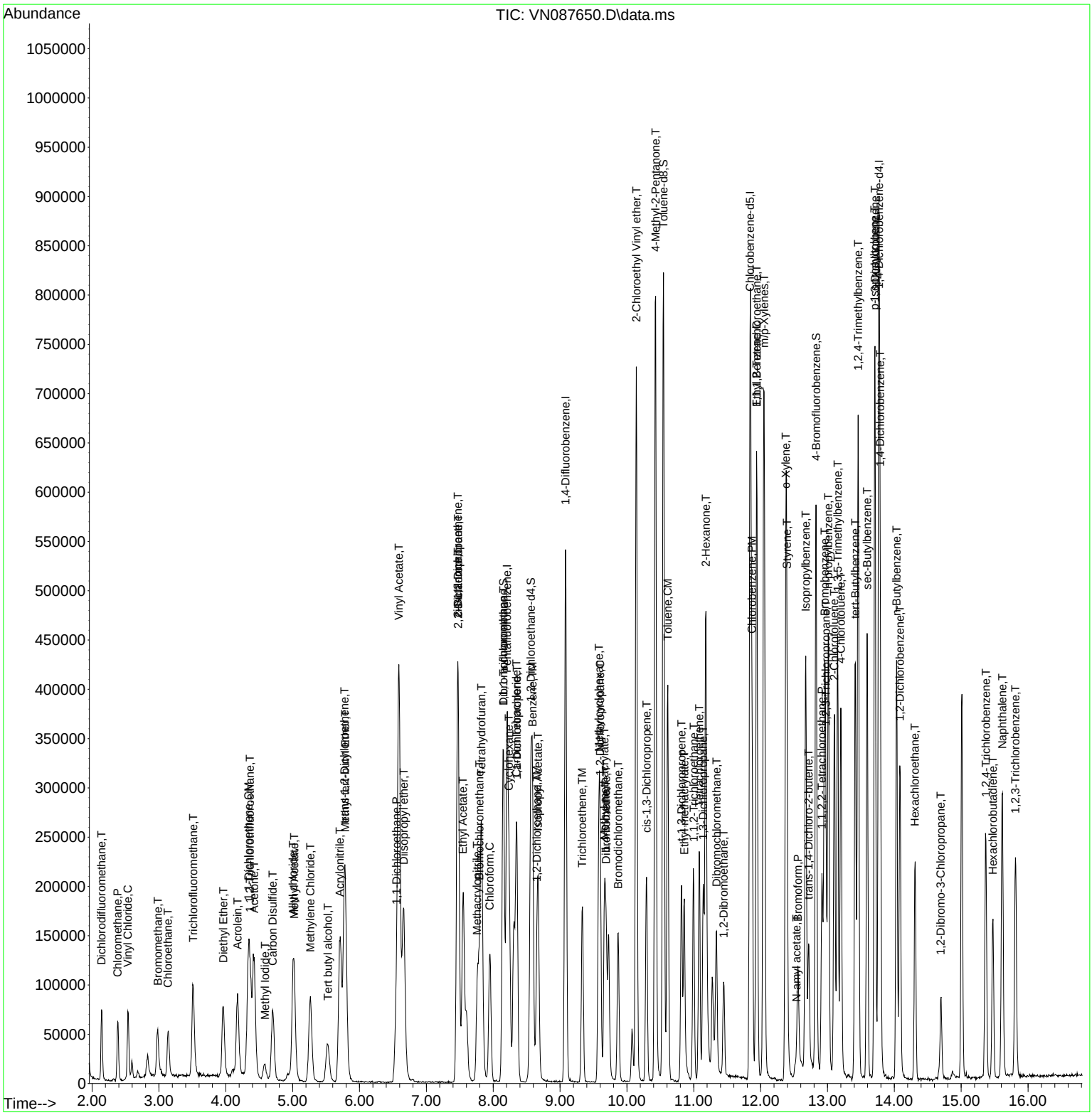
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087650.D
Acq On : 25 Aug 2025 12:21
Operator : JC\MD
Sample : VN0825WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 01:32:11 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 :
VN0825WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087651.D
Acq On : 25 Aug 2025 12:56
Operator : JC\MD
Sample : VN0825WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 01:33:03 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 :
VN0825WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	230804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	442728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	414378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	204092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219291	46.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.740%		
35) Dibromofluoromethane	8.147	113	149745	46.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	10.547	98	553011	46.223	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.440%		
62) 4-Bromofluorobenzene	12.829	95	197297	46.371	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.740%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	71103	21.691	ug/l	94
3) Chloromethane	2.383	50	66060	19.609	ug/l	89
4) Vinyl Chloride	2.542	62	74382	19.043	ug/l	96
5) Bromomethane	2.977	94	37330	18.522	ug/l	92
6) Chloroethane	3.142	64	49313	17.963	ug/l	93
7) Trichlorofluoromethane	3.512	101	109068	19.059	ug/l	91
8) Diethyl Ether	3.965	74	45216	18.142	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	61089	18.866	ug/l	97
10) Methyl Iodide	4.589	142	33346	18.713	ug/l	98
11) Tert butyl alcohol	5.518	59	77278	94.132	ug/l	99
12) 1,1-Dichloroethene	4.342	96	61706	18.544	ug/l	90
13) Acrolein	4.177	56	108756	107.758	ug/l	96
14) Allyl chloride	5.012	41	115582m	19.167	ug/l	
15) Acrylonitrile	5.712	53	211379	91.297	ug/l	98
16) Acetone	4.424	43	220266	85.565	ug/l	99
17) Carbon Disulfide	4.700	76	165659	18.083	ug/l	98
18) Methyl Acetate	5.024	43	105083	19.496	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	230313	18.450	ug/l	96
20) Methylene Chloride	5.259	84	69881	17.972	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	61895	17.162	ug/l #	92
22) Diisopropyl ether	6.659	45	236198	18.151	ug/l	95
23) Vinyl Acetate	6.589	43	1099385	92.860	ug/l	99
24) 1,1-Dichloroethane	6.553	63	123467	17.305	ug/l	96
25) 2-Butanone	7.471	43	306542	90.512	ug/l	98
26) 2,2-Dichloropropane	7.477	77	110994	18.125	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	77006	17.861	ug/l	99
28) Bromochloromethane	7.794	49	68281	19.795	ug/l	99
29) Tetrahydrofuran	7.824	42	201064	92.249	ug/l	99
30) Chloroform	7.947	83	132333	18.171	ug/l	97
31) Cyclohexane	8.236	56	109362	18.386	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	109359	17.719	ug/l	99
36) 1,1-Dichloropropene	8.353	75	88273	18.001	ug/l	99
37) Ethyl Acetate	7.547	43	119052	17.766	ug/l	99
38) Carbon Tetrachloride	8.347	117	93009	19.210	ug/l	93
39) Methylcyclohexane	9.583	83	103607	19.191	ug/l	90
40) Benzene	8.588	78	276094	18.356	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087651.D
Acq On : 25 Aug 2025 12:56
Operator : JC\MD
Sample : VN0825WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 01:33:03 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 :
VN0825WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	65630	18.907	ug/l		98
42) 1,2-Dichloroethane	8.653	62	108140	18.710	ug/l		98
43) Isopropyl Acetate	8.677	43	201379	19.249	ug/l		99
44) Trichloroethene	9.335	130	62140	18.096	ug/l		99
45) 1,2-Dichloropropane	9.600	63	71817	18.115	ug/l		96
46) Dibromomethane	9.694	93	52865	18.738	ug/l		97
47) Bromodichloromethane	9.871	83	108120	18.699	ug/l		95
48) Methyl methacrylate	9.665	41	92608	18.714	ug/l		99
49) 1,4-Dioxane	9.683	88	25291	394.309	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.424	43	618294	97.953	ug/l		99
52) Toluene	10.612	92	170243	18.258	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	113820	19.018	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	114391	18.407	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	67370	18.677	ug/l		94
56) Ethyl methacrylate	10.859	69	110105	19.100	ug/l		100
57) 1,3-Dichloropropane	11.141	76	118896	18.625	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	290377	93.067	ug/l		97
59) 2-Hexanone	11.177	43	388655	97.425	ug/l		100
60) Dibromochloromethane	11.341	129	76263	18.247	ug/l		98
61) 1,2-Dibromoethane	11.447	107	69915	18.382	ug/l		99
64) Tetrachloroethene	11.082	164	48580	16.898	ug/l		92
65) Chlorobenzene	11.871	112	182410	17.694	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	64906	18.965	ug/l		99
67) Ethyl Benzene	11.941	91	320645	17.964	ug/l		97
68) m/p-Xylenes	12.053	106	236389	36.111	ug/l		100
69) o-Xylene	12.376	106	117070	18.249	ug/l		99
70) Styrene	12.388	104	198670	18.485	ug/l		98
71) Bromoform	12.559	173	48199	18.363	ug/l	#	97
73) Isopropylbenzene	12.676	105	297882	18.062	ug/l		100
74) N-amyl acetate	12.547	43	110842m	17.735	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	109740	19.327	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	88665m	18.526	ug/l		
77) Bromobenzene	12.959	156	68944	17.730	ug/l		95
78) n-propylbenzene	13.012	91	374025	18.412	ug/l		99
79) 2-Chlorotoluene	13.100	91	221341	18.106	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	253186	18.097	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.718	75	31340	17.336	ug/l		91
82) 4-Chlorotoluene	13.200	91	231152	17.984	ug/l		99
83) tert-Butylbenzene	13.418	119	216360	18.558	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	256016	18.280	ug/l		99
85) sec-Butylbenzene	13.594	105	327224	18.914	ug/l		99
86) p-Isopropyltoluene	13.706	119	268502	18.794	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	136313	17.801	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	142274	17.853	ug/l		99
89) n-Butylbenzene	14.035	91	264177	18.619	ug/l		99
90) Hexachloroethane	14.306	117	49011	18.007	ug/l		95
91) 1,2-Dichlorobenzene	14.082	146	131567	18.110	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25585	18.968	ug/l		95
93) 1,2,4-Trichlorobenzene	15.370	180	82449	18.900	ug/l		97
94) Hexachlorobutadiene	15.476	225	29874	19.208	ug/l		96
95) Naphthalene	15.617	128	279642	18.098	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	76698	17.984	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087651.D
Acq On : 25 Aug 2025 12:56
Operator : JC\MD
Sample : VN0825WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 01:33:03 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 :
VN0825WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

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

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

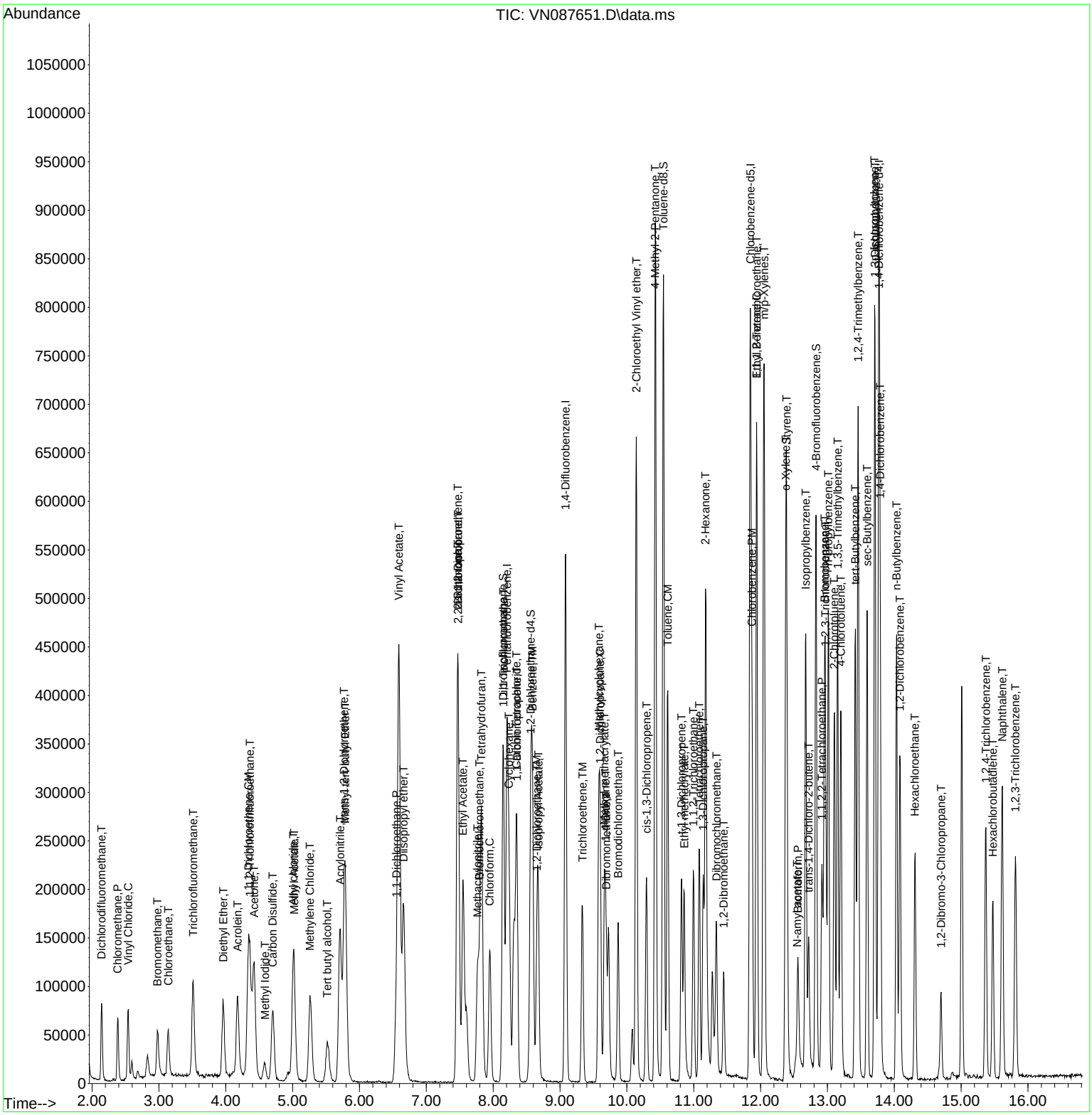
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087651.D
Acq On : 25 Aug 2025 12:56
Operator : JC\MD
Sample : VN0825WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 01:33:03 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 :
VN0825WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



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:	VN082525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087647.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:55:35 AM	MMDadoda	8/26/2025 3:15:26 PM	Peak Integrated by Software
VSTDCCC050	VN087647.D	N-amyl acetate	JOHN	8/26/2025 8:55:35 AM	MMDadoda	8/26/2025 3:15:26 PM	Peak Integrated by Software
VN0825WBS01	VN087650.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:55:39 AM	MMDadoda	8/26/2025 3:15:28 PM	Peak Integrated by Software
VN0825WBS01	VN087650.D	N-amyl acetate	JOHN	8/26/2025 8:55:39 AM	MMDadoda	8/26/2025 3:15:28 PM	Peak Integrated by Software
VN0825WBSD01	VN087651.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:55:43 AM	MMDadoda	8/26/2025 3:15:30 PM	Peak Integrated by Software
VN0825WBSD01	VN087651.D	Allyl chloride	JOHN	8/26/2025 8:55:43 AM	MMDadoda	8/26/2025 3:15:30 PM	Peak Integrated by Software
VN0825WBSD01	VN087651.D	N-amyl acetate	JOHN	8/26/2025 8:55:43 AM	MMDadoda	8/26/2025 3:15:30 PM	Peak Integrated by Software
VSTDCCC050	VN087666.D	1,2,3-Trichloropropane	JOHN	8/26/2025 8:55:51 AM	MMDadoda	8/26/2025 3:15:36 PM	Peak Integrated by Software
VSTDCCC050	VN087666.D	N-amyl acetate	JOHN	8/26/2025 8:55:51 AM	MMDadoda	8/26/2025 3:15:36 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	82N082125

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 # VN082525

Review By	John Carlone	Review On	8/26/2025 9:08:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/26/2025 3:15:38 PM		
SubDirectory	VN082525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135285
Initial Calibration Stds	
CCC	VP135286,VP135287
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087646.D	25 Aug 2025 08:15	JC\MD	Ok
2	VSTDCCC050	VN087647.D	25 Aug 2025 09:37	JC\MD	Ok,M
3	VN0825MBL01	VN087648.D	25 Aug 2025 10:12	JC\MD	Ok
4	VN0825WBL01	VN087649.D	25 Aug 2025 10:33	JC\MD	Ok
5	VN0825WBS01	VN087650.D	25 Aug 2025 12:21	JC\MD	Ok,M
6	VN0825WBSD01	VN087651.D	25 Aug 2025 12:56	JC\MD	Ok,M
7	Q2936-02DL	VN087652.D	25 Aug 2025 13:16	JC\MD	Dilution
8	Q2936-05	VN087653.D	25 Aug 2025 13:37	JC\MD	Ok
9	Q2936-04	VN087654.D	25 Aug 2025 13:58	JC\MD	Ok
10	Q2920-02	VN087655.D	25 Aug 2025 14:19	JC\MD	Ok
11	Q2936-03	VN087656.D	25 Aug 2025 14:40	JC\MD	Ok
12	Q2936-01	VN087657.D	25 Aug 2025 15:01	JC\MD	Ok
13	Q2920-01	VN087658.D	25 Aug 2025 15:22	JC\MD	Ok
14	Q2921-01	VN087659.D	25 Aug 2025 15:43	JC\MD	Ok
15	PB169356TB	VN087660.D	25 Aug 2025 16:04	JC\MD	Ok
16	Q2936-02DL2	VN087661.D	25 Aug 2025 16:25	JC\MD	Ok
17	Q2941-02	VN087662.D	25 Aug 2025 16:46	JC\MD	Ok
18	VN0825WBSD02	VN087663.D	25 Aug 2025 17:08	JC\MD	Not Ok
19	Q2909-02	VN087664.D	25 Aug 2025 17:29	JC\MD	Not Ok
20	Q2940-01	VN087665.D	25 Aug 2025 17:49	JC\MD	Ok
21	VSTDCCC050	VN087666.D	25 Aug 2025 18:10	JC\MD	Ok,M

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	82N082125

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 # VN082525

Review By	John Carlone	Review On	8/26/2025 9:08:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/26/2025 3:15:38 PM		
SubDirectory	VN082525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135285
Initial Calibration Stds	
CCC	VP135286,VP135287
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	VN087646.D	25 Aug 2025 08:15		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087647.D	25 Aug 2025 09:37	pH#Lot#V12668	JC\MD	Ok,M
3	VN0825MBL01	VN0825MBL01	VN087648.D	25 Aug 2025 10:12		JC\MD	Ok
4	VN0825WBL01	VN0825WBL01	VN087649.D	25 Aug 2025 10:33		JC\MD	Ok
5	VN0825WBS01	VN0825WBS01	VN087650.D	25 Aug 2025 12:21		JC\MD	Ok,M
6	VN0825WBSD01	VN0825WBSD01	VN087651.D	25 Aug 2025 12:56		JC\MD	Ok,M
7	Q2936-02DL	MW-19B-082125DL	VN087652.D	25 Aug 2025 13:16	vial B pH<2 Need 500X	JC\MD	Dilution
8	Q2936-05	TB	VN087653.D	25 Aug 2025 13:37	vial B pH<2 TB	JC\MD	Ok
9	Q2936-04	FB-02-082125	VN087654.D	25 Aug 2025 13:58	vial B pH<2 FB	JC\MD	Ok
10	Q2920-02	FB	VN087655.D	25 Aug 2025 14:19	vial B pH<2 FB	JC\MD	Ok
11	Q2936-03	MW-19C-082125	VN087656.D	25 Aug 2025 14:40	vial B pH<2	JC\MD	Ok
12	Q2936-01	MW-19A-082125	VN087657.D	25 Aug 2025 15:01	vial B pH<2	JC\MD	Ok
13	Q2920-01	MW1	VN087658.D	25 Aug 2025 15:22	vial B pH<2	JC\MD	Ok
14	Q2921-01	MW1	VN087659.D	25 Aug 2025 15:43	vial B pH<2	JC\MD	Ok
15	PB169356TB	PB169356TB	VN087660.D	25 Aug 2025 16:04		JC\MD	Ok
16	Q2936-02DL2	MW-19B-082125DL2	VN087661.D	25 Aug 2025 16:25	vial C pH<2	JC\MD	Ok
17	Q2941-02	SOIL-COMP(1-2)	VN087662.D	25 Aug 2025 16:46	vial A pH#5.0	JC\MD	Ok
18	VN0825WBSD02	VN0825WBSD02	VN087663.D	25 Aug 2025 17:08	Not Required	JC\MD	Not Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082525

Review By	John Carlone	Review On	8/26/2025 9:08:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/26/2025 3:15:38 PM		
SubDirectory	VN082525	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135285
Initial Calibration Stds	
CCC	VP135286,VP135287
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2909-02	4065	VN087664.D	25 Aug 2025 17:29	Need Straight Run	JC\MD	Not Ok
20	Q2940-01	COMP(1-6)	VN087665.D	25 Aug 2025 17:49	vial B pH<2	JC\MD	Ok
21	VSTDCCC050	VSTDCCC050EC	VN087666.D	25 Aug 2025 18:10		JC\MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2920	**OrderDate:**	8/20/2025 3:09:00 PM
Client:	G Environmental	**Project:**	Dover
Contact:	Gary Landis	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2920-01	**MW1**	**Water**			**08/19/25**			**08/20/25**
			VOCMS Group1	8260-Low			08/25/25	
Q2920-02	**FB**	**Water**			**08/19/25**			**08/20/25**
			VOCMS Group1	8260-Low			08/25/25	